Full&Default Power Mode&DSI4

GSM850	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	30.93	30.97	31.23	32.50	21.93	21.97	22.23	23.50
GPRS 1 Tx slot	30.84	30.88	31.13	32.50	21.84	21.88	22.13	23.50
GPRS 2 Tx slots	28.42	28.44	28.46	29.50	22.42	22.44	22.46	23.50
GPRS 3 Tx slots	26.74	26.82	26.96	27.50	22.48	22.56	22.70	23.24
GPRS 4 Tx slots	25.25	25.17	25.45	26.50	22.25	22.17	22.45	23.50
EDGE 1 Tx slot	24.47	24.51	24.44	25.50	15.47	15.51	15.44	16.50
EDGE 2 Tx slots	23.13	23.36	23.31	24.50	17.13	17.35	17.31	18.50
EDGE 3 Tx slots	21.31	21.77	21.78	23.00	17.05	17.51	17.52	18.74
EDGE 4 Tx slots	19.79	19.74	19.72	21.00	16.79	16.74	16.72	18.00

GSM1900	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	27.97	28.13	27.95	29.00	18.97	19.13	18.95	20.00
GPRS 1 Tx slot	27.94	28.06	27.91	29.00	18.94	19.06	18.91	20.00
GPRS 2 Tx slots	25.55	25.41	25.34	26.50	19.55	19.41	19.34	20.50
GPRS 3 Tx slots	23.58	23.63	23.71	24.50	19.32	19.37	19.45	20.24
GPRS 4 Tx slots	21.56	21.85	21.42	23.00	18.56	18.85	18.42	20.00
EDGE 1 Tx slot	23.29	23.37	23.35	24.50	14.29	14.37	14.35	15.50
EDGE 2 Tx slots	22.42	22.19	22.30	23.50	16.42	16.19	16.30	17.50
EDGE 3 Tx slots	20.49	20.87	20.80	22.00	16.23	16.61	16.54	17.74
EDGE 4 Tx slots	18.58	18.84	18.85	20.00	15.58	15.84	15.85	17.00

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			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	22.82	22.90	23.06	24.00	22.98	22.99	23.06	24.00	22.90	22.96	22.86	24.00
3GPP Rel 99	RMC 12.2Kbps	22.98	23.11	23.08	24.00	23.10	23.19	23.17	24.00	23.01	23.03	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	21.89	22.05	22.16	23.00	22.07	22.25	22.16	23.00	22.00	21.88	21.94	23.00
3GPP Rel 6	HSDPA Subtest-2	22.03	22.06	22.08	23.00	22.09	22.09	22.18	23.00	22.06	22.09	22.04	23.00
3GPP Rel 6	HSDPA Subtest-3	21.37	21.58	21.48	22.50	21.51	21.60	21.68	22.50	21.48	21.47	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	21.37	21.64	21.53	22.50	21.49	21.59	21.68	22.50	21.62	21.62	21.60	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.03	22.06	22.08	23.00	22.01	22.31	22.07	23.00	21.90	22.11	22.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.93	22.12	21.96	23.00	22.21	22.08	22.23	23.00	22.02	21.94	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.59	21.65	21.66	22.50	21.71	21.66	21.67	22.50	21.48	21.39	21.42	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.54	21.68	21.54	22.50	21.58	21.65	21.69	22.50	21.46	21.39	21.46	22.50
3GPP Rel 6	HSUPA Subtest-1	21.96	22.10	22.15	23.00	22.12	22.24	22.15	23.00	21.95	21.97	21.86	23.00
3GPP Rel 6	HSUPA Subtest-2	19.89	20.06	20.18	21.00	20.12	20.11	20.22	21.00	20.15	20.16	20.11	21.00
3GPP Rel 6	HSUPA Subtest-3	21.07	21.06	21.10	22.00	21.05	21.14	21.25	22.00	21.14	21.02	20.97	22.00
3GPP Rel 6	HSUPA Subtest-4	19.93	20.06	20.10	21.00	20.05	20.16	20.22	21.00	20.14	20.14	19.95	21.00
3GPP Rel 6	HSUPA Subtest-5	22.07	22.21	22.15	23.00	22.12	22.11	22.18	23.00	22.00	21.91	21.99	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.42	19.52	19.60	20.50	19.66	19.78	19.58	20.50	19.53	19.43	19.36	20.50

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.49	22.75	22.46	24	0
20	QPSK	1	49	22.45	22.58	22.35		
20	QPSK	1	99	22.32	22.58	22.29		
20	QPSK	50	0	22.34	22.69	22.37	24	0
20	QPSK	50	24	22.35	22.62	22.42		
20	QPSK	50	50	22.36	22.67	22.34		
20	QPSK	100	0	22.34	22.64	22.36		
20	16QAM	1	0	22.42	22.65	22.34	24	0
20	16QAM	1	49	22.41	22.68	22.34		
20	16QAM	1	99	22.34	22.58	22.29		
20	16QAM	50	0	21.48	21.67	21.50	23	1
20	16QAM	50	24	21.49	21.65	21.45		
20	16QAM	50	50	21.49	21.68	21.42		
20	16QAM	100	0	21.43	21.63	21.45		
20	64QAM	1	0	21.42	21.78	21.45	23	1
20	64QAM	1	49	21.53	21.71	21.53		
20	64QAM	1	99	21.50	21.64	21.52		
20	64QAM	50	0	20.52	20.76	20.51	22	2
20	64QAM	50	24	20.46	20.78	20.40		
20	64QAM	50	50	20.52	20.66	20.51		
20	64QAM	100	0	20.52	20.65	20.47		
20	256QAM	1	0	18.44	18.68	18.50	20	4
20	256QAM	1	49	18.43	18.73	18.53		
20	256QAM	1	99	18.52	18.79	18.50		
20	256QAM	50	0	18.41	18.65	18.52	20	4
20	256QAM	50	24	18.41	18.69	18.40		
20	256QAM	50	50	18.48	18.69	18.40		
20	256QAM	100	0	18.49	18.75	18.46		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.54	22.68	22.41	24	0
15	QPSK	1	37	22.50	22.58	22.30		
15	QPSK	1	74	22.26	22.51	22.34		
15	QPSK	36	0	22.31	22.75	22.41	24	0
15	QPSK	36	20	22.28	22.55	22.50		
15	QPSK	36	39	22.32	22.71	22.33		
15	QPSK	75	0	22.26	22.64	22.41		
15	16QAM	1	0	22.35	22.70	22.37	24	0
15	16QAM	1	37	22.41	22.66	22.39		
15	16QAM	1	74	22.32	22.53	22.37		
15	16QAM	36	0	21.44	21.66	21.57	23	1
15	16QAM	36	20	21.41	21.65	21.37		
15	16QAM	36	39	21.49	21.65	21.39		
15	16QAM	75	0	21.43	21.60	21.45		
15	64QAM	1	0	21.42	21.72	21.45	23	1
15	64QAM	1	37	21.59	21.69	21.52		
15	64QAM	1	74	21.46	21.65	21.50		
15	64QAM	36	0	20.46	20.83	20.45	22	2
15	64QAM	36	20	20.51	20.84	20.43		
15	64QAM	36	39	20.55	20.59	20.56		
15	64QAM	75	0	20.55	20.68	20.44		
15	256QAM	1	0	18.49	18.66	18.46	20	4
15	256QAM	1	37	18.39	18.69	18.60		
15	256QAM	1	74	18.54	18.82	18.43		
15	256QAM	36	0	18.45	18.66	18.51	20	4
15	256QAM	36	20	18.45	18.65	18.45		
15	256QAM	36	39	18.43	18.63	18.46		
15	256QAM	75	0	18.50	18.83	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.54	22.71	22.40	24	0
10	QPSK	1	25	22.51	22.63	22.28		
10	QPSK	1	49	22.29	22.60	22.32		
10	QPSK	25	0	22.41	22.67	22.35	24	0
10	QPSK	25	12	22.42	22.68	22.37		
10	QPSK	25	25	22.35	22.60	22.31		
10	QPSK	50	0	22.41	22.66	22.34		
10	16QAM	1	0	22.46	22.70	22.41	24	0
10	16QAM	1	25	22.47	22.71	22.36		
10	16QAM	1	49	22.26	22.61	22.24		
10	16QAM	25	0	21.47	21.67	21.47	23	1
10	16QAM	25	12	21.52	21.65	21.46		
10	16QAM	25	25	21.44	21.67	21.45		
10	16QAM	50	0	21.45	21.57	21.49		
10	64QAM	1	0	21.48	21.82	21.41	23	1
10	64QAM	1	25	21.56	21.72	21.52		
10	64QAM	1	49	21.49	21.63	21.57		
10	64QAM	25	0	20.50	20.84	20.44	22	2
10	64QAM	25	12	20.40	20.80	20.42		
10	64QAM	25	25	20.50	20.59	20.53		
10	64QAM	50	0	20.46	20.59	20.48		
10	256QAM	1	0	18.45	18.63	18.49	20	4
10	256QAM	1	25	18.50	18.79	18.48		
10	256QAM	1	49	18.57	18.79	18.51		
10	256QAM	25	0	18.44	18.58	18.53	20	4
10	256QAM	25	12	18.34	18.65	18.44		
10	256QAM	25	25	18.55	18.74	18.38		
10	256QAM	50	0	18.43	18.70	18.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.52	22.70	22.53	24	0
5	QPSK	1	12	22.40	22.64	22.36		
5	QPSK	1	24	22.25	22.61	22.35		
5	QPSK	12	0	22.41	22.74	22.32	24	0
5	QPSK	12	7	22.35	22.67	22.48		
5	QPSK	12	13	22.42	22.72	22.38		
5	QPSK	25	0	22.37	22.60	22.39		
5	16QAM	1	0	22.43	22.63	22.30	24	0
5	16QAM	1	12	22.35	22.66	22.28		
5	16QAM	1	24	22.35	22.64	22.30		
5	16QAM	12	0	21.45	21.73	21.50	23	1
5	16QAM	12	7	21.51	21.72	21.47		
5	16QAM	12	13	21.54	21.64	21.37		
5	16QAM	25	0	21.39	21.57	21.46		
5	64QAM	1	0	21.40	21.73	21.51	23	1
5	64QAM	1	12	21.53	21.72	21.52		
5	64QAM	1	24	21.52	21.65	21.55		
5	64QAM	12	0	20.48	20.77	20.54	22	2
5	64QAM	12	7	20.49	20.75	20.39		
5	64QAM	12	13	20.57	20.69	20.52		
5	64QAM	25	0	20.45	20.66	20.41		
5	256QAM	1	0	18.45	18.67	18.45	20	4
5	256QAM	1	12	18.43	18.76	18.49		
5	256QAM	1	24	18.49	18.74	18.53		
5	256QAM	12	0	18.48	18.65	18.54	20	4
5	256QAM	12	7	18.34	18.73	18.44		
5	256QAM	12	13	18.45	18.69	18.35		
5	256QAM	25	0	18.53	18.67	18.49		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.43	22.71	22.40	24	0
3	QPSK	1	8	22.44	22.55	22.42		
3	QPSK	1	14	22.35	22.64	22.31		
3	QPSK	8	0	22.31	22.67	22.38	24	0
3	QPSK	8	4	22.27	22.61	22.34		
3	QPSK	8	7	22.42	22.75	22.29		
3	QPSK	15	0	22.33	22.68	22.32		
3	16QAM	1	0	22.36	22.64	22.28	24	0
3	16QAM	1	8	22.35	22.69	22.34		
3	16QAM	1	14	22.39	22.59	22.34		
3	16QAM	8	0	21.52	21.59	21.57	23	1
3	16QAM	8	4	21.44	21.69	21.39		
3	16QAM	8	7	21.56	21.71	21.44		
3	16QAM	15	0	21.45	21.59	21.49		
3	64QAM	1	0	21.48	21.77	21.51	23	1
3	64QAM	1	8	21.46	21.69	21.57		
3	64QAM	1	14	21.46	21.56	21.53		
3	64QAM	8	0	20.47	20.79	20.57	22	2
3	64QAM	8	4	20.50	20.70	20.46		
3	64QAM	8	7	20.48	20.71	20.53		
3	64QAM	15	0	20.57	20.61	20.55		
3	256QAM	1	0	18.48	18.64	18.50	20	4
3	256QAM	1	8	18.36	18.80	18.61		
3	256QAM	1	14	18.47	18.81	18.57		
3	256QAM	8	0	18.47	18.66	18.58	20	4
3	256QAM	8	4	18.45	18.65	18.35		
3	256QAM	8	7	18.45	18.73	18.45		
3	256QAM	15	0	18.48	18.78	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.49	22.68	22.45	24	0
1.4	QPSK	1	3	22.43	22.69	22.51		
1.4	QPSK	1	5	22.47	22.69	22.49		
1.4	QPSK	3	0	22.45	22.70	22.38		
1.4	QPSK	3	1	22.48	22.64	22.53		
1.4	QPSK	3	3	22.54	22.75	22.46		
1.4	QPSK	6	0	22.49	22.74	22.41	24	0
1.4	16QAM	1	0	22.56	22.74	22.49	24	0
1.4	16QAM	1	3	22.54	22.70	22.48		
1.4	16QAM	1	5	22.45	22.65	22.46		
1.4	16QAM	3	0	22.43	22.69	22.41		
1.4	16QAM	3	1	22.52	22.71	22.40		
1.4	16QAM	3	3	22.44	22.69	22.46		
1.4	16QAM	6	0	21.66	21.94	21.71	23	1
1.4	64QAM	1	0	21.45	21.76	21.67	23	1
1.4	64QAM	1	3	21.66	21.95	21.62		
1.4	64QAM	1	5	21.65	21.89	21.69		
1.4	64QAM	3	0	21.60	21.88	21.44		
1.4	64QAM	3	1	21.52	21.72	21.44		
1.4	64QAM	3	3	21.74	21.75	21.52		
1.4	64QAM	6	0	20.66	20.89	20.57	22	2
1.4	256QAM	1	0	18.57	18.79	18.63	20	4
1.4	256QAM	1	3	18.63	18.96	18.66		
1.4	256QAM	1	5	18.59	18.71	18.56		
1.4	256QAM	3	0	18.50	18.88	18.70		
1.4	256QAM	3	1	18.60	18.77	18.60		
1.4	256QAM	3	3	18.73	18.70	18.59		
1.4	256QAM	6	0	18.44	18.92	18.52	20	4

Band 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	22.77	22.89	22.87	24	0
20	QPSK	1	49	22.71	22.87	22.79		
20	QPSK	1	99	22.71	22.87	22.72		
20	QPSK	50	0	22.62	22.88	22.69	24	0
20	QPSK	50	24	22.74	22.79	22.85		
20	QPSK	50	50	22.62	22.82	22.70		
20	QPSK	100	0	22.74	22.86	22.84		
20	16QAM	1	0	22.60	22.71	22.80	24	0
20	16QAM	1	49	22.66	22.81	22.78		
20	16QAM	1	99	22.66	22.78	22.83		
20	16QAM	50	0	21.91	21.78	21.75	23	1
20	16QAM	50	24	21.84	21.88	22.02		
20	16QAM	50	50	21.76	21.90	21.78		
20	16QAM	100	0	21.68	22.02	21.77		
20	64QAM	1	0	21.62	21.74	21.82	23	1
20	64QAM	1	49	21.64	22.04	21.92		
20	64QAM	1	99	21.75	21.95	21.73		
20	64QAM	50	0	20.91	20.86	20.73	22	2
20	64QAM	50	24	20.91	20.75	20.90		
20	64QAM	50	50	20.79	20.83	20.73		
20	64QAM	100	0	20.75	20.99	20.84		
20	256QAM	1	0	18.73	18.95	18.92	20	4
20	256QAM	1	49	18.90	18.80	18.97		
20	256QAM	1	99	18.72	18.81	18.77		
20	256QAM	50	0	18.69	18.84	18.75	20	4
20	256QAM	50	24	18.77	18.78	19.01		
20	256QAM	50	50	18.83	18.86	18.89		
20	256QAM	100	0	18.78	18.97	18.86		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.66	22.77	22.70	24	0
15	QPSK	1	37	22.54	22.84	22.71		
15	QPSK	1	74	22.64	22.79	22.57		
15	QPSK	36	0	22.52	22.84	22.54	24	0
15	QPSK	36	20	22.64	22.70	22.76		
15	QPSK	36	39	22.59	22.76	22.59		
15	QPSK	75	0	22.71	22.70	22.77		
15	16QAM	1	0	22.54	22.53	22.68	24	0
15	16QAM	1	37	22.53	22.73	22.71		
15	16QAM	1	74	22.52	22.68	22.76		
15	16QAM	36	0	21.82	21.71	21.63	23	1
15	16QAM	36	20	21.79	21.81	21.99		
15	16QAM	36	39	21.64	21.76	21.61		
15	16QAM	75	0	21.50	21.91	21.73		
15	64QAM	1	0	21.51	21.63	21.76	23	1
15	64QAM	1	37	21.61	21.89	21.78		
15	64QAM	1	74	21.57	21.89	21.70		
15	64QAM	36	0	20.81	20.80	20.67	22	2
15	64QAM	36	20	20.84	20.61	20.88		
15	64QAM	36	39	20.63	20.81	20.69		
15	64QAM	75	0	20.72	20.84	20.74		
15	256QAM	1	0	18.60	18.92	18.76	20	4
15	256QAM	1	37	18.81	18.65	18.80		
15	256QAM	1	74	18.56	18.76	18.74		
15	256QAM	36	0	18.63	18.67	18.71	20	4
15	256QAM	36	20	18.67	18.66	18.97		
15	256QAM	36	39	18.78	18.76	18.76		
15	256QAM	75	0	18.64	18.92	18.73		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.74	22.72	22.79	24	0
10	QPSK	1	25	22.64	22.74	22.63		
10	QPSK	1	49	22.68	22.85	22.65		
10	QPSK	25	0	22.46	22.76	22.56	24	0
10	QPSK	25	12	22.68	22.65	22.79		
10	QPSK	25	25	22.57	22.71	22.60		
10	QPSK	50	0	22.71	22.76	22.70		
10	16QAM	1	0	22.56	22.68	22.75	24	0
10	16QAM	1	25	22.61	22.68	22.76		
10	16QAM	1	49	22.54	22.69	22.81		
10	16QAM	25	0	21.81	21.71	21.62	23	1
10	16QAM	25	12	21.69	21.77	21.96		
10	16QAM	25	25	21.67	21.79	21.67		
10	16QAM	50	0	21.54	21.90	21.60		
10	64QAM	1	0	21.49	21.63	21.66	23	1
10	64QAM	1	25	21.54	21.88	21.78		
10	64QAM	1	49	21.66	21.93	21.66		
10	64QAM	25	0	20.83	20.76	20.68	22	2
10	64QAM	25	12	20.86	20.70	20.75		
10	64QAM	25	25	20.71	20.81	20.66		
10	64QAM	50	0	20.66	20.84	20.81		
10	256QAM	1	0	18.63	18.93	18.84	20	4
10	256QAM	1	25	18.84	18.77	18.82		
10	256QAM	1	49	18.65	18.66	18.62		
10	256QAM	25	0	18.51	18.76	18.71	20	4
10	256QAM	25	12	18.65	18.73	18.84		
10	256QAM	25	25	18.66	18.81	18.78		
10	256QAM	50	0	18.75	18.83	18.82		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.62	22.74	22.71	24	0
5	QPSK	1	12	22.69	22.76	22.73		
5	QPSK	1	24	22.63	22.73	22.56		
5	QPSK	12	0	22.51	22.73	22.66	24	0
5	QPSK	12	7	22.72	22.72	22.82		
5	QPSK	12	13	22.50	22.64	22.59		
5	QPSK	25	0	22.64	22.74	22.69		
5	16QAM	1	0	22.53	22.62	22.77	24	0
5	16QAM	1	12	22.49	22.77	22.73		
5	16QAM	1	24	22.54	22.71	22.72		
5	16QAM	12	0	21.76	21.73	21.71	23	1
5	16QAM	12	7	21.72	21.80	21.98		
5	16QAM	12	13	21.64	21.78	21.62		
5	16QAM	25	0	21.54	22.00	21.69		
5	64QAM	1	0	21.49	21.64	21.69	23	1
5	64QAM	1	12	21.53	21.96	21.78		
5	64QAM	1	24	21.61	21.80	21.69		
5	64QAM	12	0	20.78	20.81	20.56	22	2
5	64QAM	12	7	20.87	20.58	20.80		
5	64QAM	12	13	20.69	20.72	20.66		
5	64QAM	25	0	20.62	20.97	20.76		
5	256QAM	1	0	18.57	18.81	18.88	20	4
5	256QAM	1	12	18.80	18.77	18.80		
5	256QAM	1	24	18.69	18.69	18.59		
5	256QAM	12	0	18.63	18.72	18.69	20	4
5	256QAM	12	7	18.65	18.73	18.86		
5	256QAM	12	13	18.81	18.73	18.75		
5	256QAM	25	0	18.70	18.89	18.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.84	22.85	22.87	24	0
3	QPSK	1	8	22.67	22.92	22.74		
3	QPSK	1	14	22.77	22.90	22.69		
3	QPSK	8	0	22.66	22.82	22.68	24	0
3	QPSK	8	4	22.69	22.85	22.89		
3	QPSK	8	7	22.59	22.76	22.68		
3	QPSK	15	0	22.73	22.90	22.91		
3	16QAM	1	0	22.67	22.76	22.81	24	0
3	16QAM	1	8	22.69	22.84	22.76		
3	16QAM	1	14	22.62	22.79	22.88		
3	16QAM	8	0	21.95	21.76	21.79	23	1
3	16QAM	8	4	21.76	21.83	22.06		
3	16QAM	8	7	21.69	21.91	21.83		
3	16QAM	15	0	21.60	22.05	21.75		
3	64QAM	1	0	21.70	21.81	21.89	23	1
3	64QAM	1	8	21.70	22.11	21.97		
3	64QAM	1	14	21.69	21.96	21.72		
3	64QAM	8	0	20.86	20.80	20.75	22	2
3	64QAM	8	4	20.96	20.67	20.92		
3	64QAM	8	7	20.83	20.86	20.69		
3	64QAM	15	0	20.72	20.92	20.84		
3	256QAM	1	0	18.71	18.92	18.93	20	4
3	256QAM	1	8	18.85	18.86	18.98		
3	256QAM	1	14	18.74	18.74	18.70		
3	256QAM	8	0	18.72	18.92	18.78	20	4
3	256QAM	8	4	18.74	18.78	18.94		
3	256QAM	8	7	18.77	18.93	18.83		
3	256QAM	15	0	18.79	18.96	18.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.61	22.85	22.83	24	0
1.4	QPSK	1	3	22.60	22.78	22.73		
1.4	QPSK	1	5	22.64	22.81	22.79		
1.4	QPSK	3	0	22.65	22.73	22.75		
1.4	QPSK	3	1	22.70	22.77	22.75		
1.4	QPSK	3	3	22.74	22.76	22.85		
1.4	QPSK	6	0	22.66	22.75	22.69	24	0
1.4	16QAM	1	0	22.64	22.72	22.75	24	0
1.4	16QAM	1	3	22.68	22.77	22.79		
1.4	16QAM	1	5	22.70	22.79	22.76		
1.4	16QAM	3	0	22.73	22.83	22.70		
1.4	16QAM	3	1	22.72	22.72	22.74		
1.4	16QAM	3	3	22.72	22.76	22.73		
1.4	16QAM	6	0	21.79	21.75	21.87	23	1
1.4	64QAM	1	0	21.72	21.90	21.75	23	1
1.4	64QAM	1	3	21.68	21.90	21.97		
1.4	64QAM	1	5	21.89	21.87	21.80		
1.4	64QAM	3	0	21.84	22.00	21.88		
1.4	64QAM	3	1	21.76	21.81	21.72		
1.4	64QAM	3	3	21.72	21.99	22.00		
1.4	64QAM	6	0	20.68	20.98	20.98	22	2
1.4	256QAM	1	0	18.83	18.78	18.84	20	4
1.4	256QAM	1	3	18.87	19.03	18.76		
1.4	256QAM	1	5	18.90	19.00	18.75		
1.4	256QAM	3	0	18.79	18.87	18.88		
1.4	256QAM	3	1	18.63	18.76	18.95		
1.4	256QAM	3	3	18.75	18.99	18.87		
1.4	256QAM	6	0	18.70	18.87	18.98	20	4

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.76	22.85	22.61	24	0
10	QPSK	1	25	22.59	22.72	22.55		
10	QPSK	1	49	22.71	22.73	22.53		
10	QPSK	25	0	22.62	22.78	22.48	24	0
10	QPSK	25	12	22.70	22.77	22.48		
10	QPSK	25	25	22.66	22.68	22.44		
10	QPSK	50	0	22.66	22.70	22.43		
10	16QAM	1	0	22.60	22.82	22.56	24	0
10	16QAM	1	25	22.61	22.67	22.53		
10	16QAM	1	49	22.67	22.73	22.50		
10	16QAM	25	0	21.73	21.92	21.60	23	1
10	16QAM	25	12	21.82	21.83	21.61		
10	16QAM	25	25	21.80	21.87	21.57		
10	16QAM	50	0	21.76	21.84	21.62		
10	64QAM	1	0	21.72	21.87	21.62	23	1
10	64QAM	1	25	21.82	21.92	21.63		
10	64QAM	1	49	21.82	21.91	21.68		
10	64QAM	25	0	20.69	20.78	20.68	22	2
10	64QAM	25	12	20.80	20.86	20.60		
10	64QAM	25	25	20.74	20.88	20.56		
10	64QAM	50	0	20.69	20.92	20.58		
10	256QAM	1	0	18.74	18.82	18.62	20	4
10	256QAM	1	25	18.77	18.86	18.63		
10	256QAM	1	49	18.70	18.83	18.55		
10	256QAM	25	0	18.77	18.84	18.55	20	4
10	256QAM	25	12	18.72	18.82	18.64		
10	256QAM	25	25	18.78	18.79	18.62		
10	256QAM	50	0	18.68	18.78	18.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.60	22.82	22.45	24	0
5	QPSK	1	12	22.45	22.60	22.43		
5	QPSK	1	24	22.56	22.67	22.46		
5	QPSK	12	0	22.53	22.67	22.33	24	0
5	QPSK	12	7	22.61	22.73	22.42		
5	QPSK	12	13	22.49	22.62	22.36		
5	QPSK	25	0	22.63	22.67	22.38		
5	16QAM	1	0	22.49	22.64	22.39	24	0
5	16QAM	1	12	22.53	22.52	22.45		
5	16QAM	1	24	22.56	22.59	22.41		
5	16QAM	12	0	21.56	21.82	21.50	23	1
5	16QAM	12	7	21.70	21.76	21.54		
5	16QAM	12	13	21.74	21.75	21.46		
5	16QAM	25	0	21.73	21.81	21.53		
5	64QAM	1	0	21.59	21.79	21.53	23	1
5	64QAM	1	12	21.69	21.75	21.46		
5	64QAM	1	24	21.73	21.88	21.57		
5	64QAM	12	0	20.59	20.63	20.53	22	2
5	64QAM	12	7	20.73	20.70	20.54		
5	64QAM	12	13	20.60	20.73	20.46		
5	64QAM	25	0	20.55	20.83	20.51		
5	256QAM	1	0	18.72	18.76	18.59	20	4
5	256QAM	1	12	18.68	18.76	18.49		
5	256QAM	1	24	18.67	18.69	18.49		
5	256QAM	12	0	18.71	18.66	18.44	20	4
5	256QAM	12	7	18.61	18.68	18.61		
5	256QAM	12	13	18.62	18.71	18.53		
5	256QAM	25	0	18.52	18.61	18.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.59	22.72	22.45	24	0
3	QPSK	1	8	22.51	22.63	22.43		
3	QPSK	1	14	22.59	22.60	22.40		
3	QPSK	8	0	22.56	22.64	22.40	24	0
3	QPSK	8	4	22.52	22.73	22.42		
3	QPSK	8	7	22.57	22.61	22.38		
3	QPSK	15	0	22.59	22.52	22.35		
3	16QAM	1	0	22.57	22.78	22.40	24	0
3	16QAM	1	8	22.52	22.59	22.40		
3	16QAM	1	14	22.52	22.65	22.37		
3	16QAM	8	0	21.65	21.79	21.45	23	1
3	16QAM	8	4	21.77	21.71	21.49		
3	16QAM	8	7	21.73	21.79	21.44		
3	16QAM	15	0	21.64	21.74	21.48		
3	64QAM	1	0	21.66	21.72	21.57	23	1
3	64QAM	1	8	21.68	21.79	21.53		
3	64QAM	1	14	21.78	21.81	21.61		
3	64QAM	8	0	20.58	20.66	20.59	22	2
3	64QAM	8	4	20.78	20.78	20.46		
3	64QAM	8	7	20.70	20.85	20.52		
3	64QAM	15	0	20.54	20.86	20.56		
3	256QAM	1	0	18.69	18.71	18.45	20	4
3	256QAM	1	8	18.60	18.76	18.56		
3	256QAM	1	14	18.55	18.70	18.49		
3	256QAM	8	0	18.61	18.76	18.52	20	4
3	256QAM	8	4	18.59	18.70	18.58		
3	256QAM	8	7	18.61	18.74	18.45		
3	256QAM	15	0	18.56	18.76	18.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.76	22.53	24	0
1.4	QPSK	1	3	22.66	22.71	22.58		
1.4	QPSK	1	5	22.60	22.79	22.43		
1.4	QPSK	3	0	22.74	22.82	22.43		
1.4	QPSK	3	1	22.60	22.78	22.51		
1.4	QPSK	3	3	22.71	22.68	22.48		
1.4	QPSK	6	0	22.60	22.76	22.59	24	0
1.4	16QAM	1	0	22.73	22.73	22.44	24	0
1.4	16QAM	1	3	22.70	22.71	22.51		
1.4	16QAM	1	5	22.59	22.68	22.47		
1.4	16QAM	3	0	22.67	22.70	22.48		
1.4	16QAM	3	1	22.67	22.76	22.53		
1.4	16QAM	3	3	22.71	22.75	22.46		
1.4	16QAM	6	0	21.79	21.83	21.59	23	1
1.4	64QAM	1	0	21.72	21.70	21.74	23	1
1.4	64QAM	1	3	21.73	21.83	21.62		
1.4	64QAM	1	5	21.63	21.78	21.50		
1.4	64QAM	3	0	21.65	21.71	21.71		
1.4	64QAM	3	1	21.82	21.88	21.51		
1.4	64QAM	3	3	21.76	21.82	21.52		
1.4	64QAM	6	0	20.81	20.95	20.51	22	2
1.4	256QAM	1	0	18.65	18.73	18.55	20	4
1.4	256QAM	1	3	18.62	18.96	18.64		
1.4	256QAM	1	5	18.61	18.91	18.62		
1.4	256QAM	3	0	18.64	18.85	18.66		
1.4	256QAM	3	1	18.68	18.98	18.74		
1.4	256QAM	3	3	18.91	18.75	18.68		
1.4	256QAM	6	0	18.81	18.92	18.60	20	4

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.06	23.10	23.07	24	0
10	QPSK	1	25	22.95	23.05	22.95		
10	QPSK	1	49	22.95	23.01	22.95		
10	QPSK	25	0	22.97	23.06	22.97	24	0
10	QPSK	25	12	22.98	22.98	22.97		
10	QPSK	25	25	23.00	23.03	22.99		
10	QPSK	50	0	22.94	23.00	22.99		
10	16QAM	1	0	23.01	23.00	23.00	24	0
10	16QAM	1	25	22.92	23.03	22.95		
10	16QAM	1	49	22.98	23.00	22.97		
10	16QAM	25	0	21.93	22.02	21.92	23	1
10	16QAM	25	12	22.05	22.19	22.18		
10	16QAM	25	25	22.07	22.07	22.18		
10	16QAM	50	0	22.14	21.99	22.06		
10	64QAM	1	0	22.12	22.21	22.14	23	1
10	64QAM	1	25	21.91	22.00	21.98		
10	64QAM	1	49	22.16	22.08	21.92		
10	64QAM	25	0	21.09	21.17	21.06	22	2
10	64QAM	25	12	20.92	20.97	21.01		
10	64QAM	25	25	21.11	21.02	21.21		
10	64QAM	50	0	21.20	21.14	21.21		
10	256QAM	1	0	18.93	19.03	18.94	20	4
10	256QAM	1	25	18.97	19.23	18.97		
10	256QAM	1	49	19.14	19.06	19.04		
10	256QAM	25	0	19.04	19.08	19.11	20	4
10	256QAM	25	12	19.11	18.99	19.05		
10	256QAM	25	25	19.02	19.11	19.06		
10	256QAM	50	0	19.03	19.04	19.18		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.99	23.02	22.91	24	0
5	QPSK	1	12	22.84	22.95	22.89		
5	QPSK	1	24	22.93	22.87	22.93		
5	QPSK	12	0	22.91	23.00	22.93	24	0
5	QPSK	12	7	22.93	22.92	22.91		
5	QPSK	12	13	22.95	22.98	22.86		
5	QPSK	25	0	22.86	22.94	22.89		
5	16QAM	1	0	22.87	22.87	22.87	24	0
5	16QAM	1	12	22.86	22.97	22.92		
5	16QAM	1	24	22.81	22.84	22.88		
5	16QAM	12	0	21.79	21.90	21.84	23	1
5	16QAM	12	7	21.88	22.11	22.15		
5	16QAM	12	13	21.95	22.02	22.01		
5	16QAM	25	0	22.11	21.89	21.99		
5	64QAM	1	0	21.98	22.15	21.98	23	1
5	64QAM	1	12	21.81	21.92	21.95		
5	64QAM	1	24	22.00	22.05	21.84		
5	64QAM	12	0	21.05	21.00	20.97	22	2
5	64QAM	12	7	20.85	20.83	20.89		
5	64QAM	12	13	20.96	20.93	21.17		
5	64QAM	25	0	21.18	21.03	21.16		
5	256QAM	1	0	18.83	19.00	18.78	20	4
5	256QAM	1	12	18.87	19.17	18.87		
5	256QAM	1	24	19.00	18.96	18.99		
5	256QAM	12	0	19.01	18.94	18.97	20	4
5	256QAM	12	7	19.01	18.88	18.94		
5	256QAM	12	13	19.00	18.94	18.95		
5	256QAM	25	0	18.96	18.89	19.14		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.90	22.96	23.03	24	0
3	QPSK	1	8	22.85	23.00	22.83		
3	QPSK	1	14	22.90	22.96	22.79		
3	QPSK	8	0	22.90	23.03	22.87	24	0
3	QPSK	8	4	22.95	22.83	22.92		
3	QPSK	8	7	22.91	22.92	22.87		
3	QPSK	15	0	22.91	22.88	22.94		
3	16QAM	1	0	22.90	22.85	22.84	24	0
3	16QAM	1	8	22.76	22.95	22.84		
3	16QAM	1	14	22.81	22.82	22.90		
3	16QAM	8	0	21.77	21.92	21.84	23	1
3	16QAM	8	4	22.00	22.12	22.04		
3	16QAM	8	7	21.99	21.94	22.12		
3	16QAM	15	0	21.97	21.87	22.02		
3	64QAM	1	0	22.00	22.11	21.98	23	1
3	64QAM	1	8	21.79	21.83	21.86		
3	64QAM	1	14	22.10	22.01	21.89		
3	64QAM	8	0	20.96	21.06	21.03	22	2
3	64QAM	8	4	20.75	20.84	20.94		
3	64QAM	8	7	21.08	20.93	21.14		
3	64QAM	15	0	21.07	21.00	21.14		
3	256QAM	1	0	18.81	18.91	18.86	20	4
3	256QAM	1	8	18.92	19.14	18.82		
3	256QAM	1	14	19.10	18.98	18.91		
3	256QAM	8	0	18.88	18.92	19.05	20	4
3	256QAM	8	4	19.01	18.95	18.90		
3	256QAM	8	7	18.95	19.03	19.03		
3	256QAM	15	0	18.89	18.99	19.11		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.96	22.99	23.02	24	0
1.4	QPSK	1	3	23.02	23.06	22.98		
1.4	QPSK	1	5	22.98	22.99	22.92		
1.4	QPSK	3	0	23.01	22.99	22.94		
1.4	QPSK	3	1	22.98	23.00	22.92		
1.4	QPSK	3	3	22.94	22.95	22.96		
1.4	QPSK	6	0	22.89	23.00	22.89	24	0
1.4	16QAM	1	0	22.94	22.92	23.02	24	0
1.4	16QAM	1	3	23.03	23.02	22.94		
1.4	16QAM	1	5	22.92	23.05	23.02		
1.4	16QAM	3	0	22.88	22.96	23.05		
1.4	16QAM	3	1	23.00	23.00	23.02		
1.4	16QAM	3	3	22.92	23.08	22.90		
1.4	16QAM	6	0	22.06	22.15	22.14	23	1
1.4	64QAM	1	0	22.08	22.07	21.99	23	1
1.4	64QAM	1	3	22.01	22.03	21.93		
1.4	64QAM	1	5	22.08	21.95	22.11		
1.4	64QAM	3	0	22.10	22.17	22.01		
1.4	64QAM	3	1	22.06	22.14	21.98		
1.4	64QAM	3	3	22.21	22.08	21.98		
1.4	64QAM	6	0	21.17	21.14	21.21	22	2
1.4	256QAM	1	0	18.93	19.17	19.12	20	4
1.4	256QAM	1	3	19.18	19.21	18.97		
1.4	256QAM	1	5	19.08	19.06	18.99		
1.4	256QAM	3	0	19.17	19.05	19.07		
1.4	256QAM	3	1	19.01	19.19	18.98		
1.4	256QAM	3	3	18.91	19.19	19.06		
1.4	256QAM	6	0	19.17	19.07	19.17	20	4

Band 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.10		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.99			
10	QPSK	25	0		23.08		24	0
10	QPSK	25	12		23.07			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.06			
10	16QAM	1	0		23.01		24	0
10	16QAM	1	25		22.94			
10	16QAM	1	49		22.98			
10	16QAM	25	0		22.08		23	1
10	16QAM	25	12		22.21			
10	16QAM	25	25		22.00			
10	16QAM	50	0		22.11			
10	64QAM	1	0		22.22		23	1
10	64QAM	1	25		22.15			
10	64QAM	1	49		21.97			
10	64QAM	25	0		21.14		22	2
10	64QAM	25	12		21.20			
10	64QAM	25	25		20.96			
10	64QAM	50	0		21.15			
10	256QAM	1	0		19.24		20	4
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.22			
10	256QAM	25	0		19.04		20	4
10	256QAM	25	12		19.14			
10	256QAM	25	25		18.97			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	23.00	23.01	24	0
5	QPSK	1	12	22.87	22.94	22.83		
5	QPSK	1	24	22.78	22.84	22.78		
5	QPSK	12	0	22.82	22.90	22.90	24	0
5	QPSK	12	7	22.89	23.04	22.85		
5	QPSK	12	13	22.82	22.81	22.88		
5	QPSK	25	0	22.89	23.01	22.87		
5	16QAM	1	0	22.77	22.90	22.81	24	0
5	16QAM	1	12	22.79	22.92	22.86		
5	16QAM	1	24	22.92	22.83	22.93		
5	16QAM	12	0	21.97	21.93	21.80	23	1
5	16QAM	12	7	21.87	22.12	22.01		
5	16QAM	12	13	22.09	21.93	21.79		
5	16QAM	25	0	21.97	22.03	21.84		
5	64QAM	1	0	21.97	22.16	21.92	23	1
5	64QAM	1	12	21.94	22.02	21.97		
5	64QAM	1	24	21.90	21.87	21.85		
5	64QAM	12	0	21.12	21.05	20.92	22	2
5	64QAM	12	7	20.99	21.12	20.97		
5	64QAM	12	13	20.88	20.87	20.82		
5	64QAM	25	0	21.03	21.07	20.91		
5	256QAM	1	0	18.81	19.16	18.97	20	4
5	256QAM	1	12	18.95	18.97	18.83		
5	256QAM	1	24	18.86	19.08	18.91		
5	256QAM	12	0	18.82	18.97	19.05	20	4
5	256QAM	12	7	18.90	19.11	19.02		
5	256QAM	12	13	19.02	18.79	18.98		
5	256QAM	25	0	18.98	19.03	18.84		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.93		24	0
10	QPSK	1	25		22.84			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.91		24	0
10	QPSK	25	12		22.77			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.89			
10	16QAM	1	0		22.78		24	0
10	16QAM	1	25		22.89			
10	16QAM	1	49		22.85			
10	16QAM	25	0		21.90		23	1
10	16QAM	25	12		22.00			
10	16QAM	25	25		21.93			
10	16QAM	50	0		21.99			
10	64QAM	1	0		21.92		23	1
10	64QAM	1	25		21.95			
10	64QAM	1	49		21.99			
10	64QAM	25	0		20.86		22	2
10	64QAM	25	12		20.94			
10	64QAM	25	25		20.99			
10	64QAM	50	0		21.00			
10	256QAM	1	0		18.90		20	4
10	256QAM	1	25		18.85			
10	256QAM	1	49		19.00			
10	256QAM	25	0		19.00		20	4
10	256QAM	25	12		18.79			
10	256QAM	25	25		19.03			
10	256QAM	50	0		19.08			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.66	22.90	22.82	24	0
5	QPSK	1	12	22.56	22.75	22.66		
5	QPSK	1	24	22.66	22.79	22.70		
5	QPSK	12	0	22.59	22.83	22.77	24	0
5	QPSK	12	7	22.60	22.74	22.78		
5	QPSK	12	13	22.76	22.84	22.69		
5	QPSK	25	0	22.53	22.83	22.70		
5	16QAM	1	0	22.65	22.66	22.53	24	0
5	16QAM	1	12	22.74	22.82	22.58		
5	16QAM	1	24	22.64	22.79	22.80		
5	16QAM	12	0	21.88	21.75	21.75	23	1
5	16QAM	12	7	21.87	21.86	21.78		
5	16QAM	12	13	21.89	21.87	21.90		
5	16QAM	25	0	21.78	21.96	21.79		
5	64QAM	1	0	21.83	21.84	21.74	23	1
5	64QAM	1	12	21.73	21.86	21.80		
5	64QAM	1	24	21.75	21.96	21.66		
5	64QAM	12	0	20.81	20.79	20.68	22	2
5	64QAM	12	7	20.80	20.81	20.75		
5	64QAM	12	13	20.79	20.93	20.76		
5	64QAM	25	0	20.81	20.85	20.78		
5	256QAM	1	0	18.67	18.78	18.61	20	4
5	256QAM	1	12	18.69	18.74	18.66		
5	256QAM	1	24	18.74	18.82	18.84		
5	256QAM	12	0	18.78	18.89	18.56	20	4
5	256QAM	12	7	18.68	18.69	18.90		
5	256QAM	12	13	18.76	18.95	18.95		
5	256QAM	25	0	18.85	18.95	18.87		

Band 17

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23790			
Frequency (MHz)					710			
10	QPSK	1	0	23.08	23.09	23.02	24	0
10	QPSK	1	25	22.91	23.02	22.96		
10	QPSK	1	49	22.97	23.01	22.98		
10	QPSK	25	0	23.04	23.05	22.94	24	0
10	QPSK	25	12	23.02	22.99	22.87		
10	QPSK	25	25	23.03	23.01	22.85		
10	QPSK	50	0	22.93	23.02	22.90		
10	16QAM	1	0	23.03	23.00	23.00	24	0
10	16QAM	1	25	22.90	22.94	22.85		
10	16QAM	1	49	23.00	22.99	22.92		
10	16QAM	25	0	22.16	22.17	21.88	23	1
10	16QAM	25	12	21.99	22.14	22.17		
10	16QAM	25	25	21.96	22.06	22.06		
10	16QAM	50	0	22.03	22.06	21.99		
10	64QAM	1	0	22.23	22.20	22.17	23	1
10	64QAM	1	25	21.99	21.99	22.12		
10	64QAM	1	49	22.21	22.07	22.15		
10	64QAM	25	0	21.20	21.00	20.91	22	2
10	64QAM	25	12	21.08	21.04	21.06		
10	64QAM	25	25	21.08	20.96	21.15		
10	64QAM	50	0	21.20	21.06	20.90		
10	256QAM	1	0	19.01	19.16	19.09	20	4
10	256QAM	1	25	19.09	19.07	19.05		
10	256QAM	1	49	19.15	18.96	18.96		
10	256QAM	25	0	19.09	19.21	19.10	20	4
10	256QAM	25	12	19.19	19.16	18.99		
10	256QAM	25	25	18.98	19.16	19.02		
10	256QAM	50	0	18.96	19.02	19.13		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.92	22.98	22.91	24	0
5	QPSK	1	12	22.88	22.92	22.92		
5	QPSK	1	24	22.84	22.89	22.83		
5	QPSK	12	0	22.93	23.02	22.88	24	0
5	QPSK	12	7	22.90	22.93	22.84		
5	QPSK	12	13	22.91	22.87	22.79		
5	QPSK	25	0	22.80	22.86	22.88		
5	16QAM	1	0	22.94	22.97	22.86	24	0
5	16QAM	1	12	22.85	22.86	22.77		
5	16QAM	1	24	22.96	22.93	22.88		
5	16QAM	12	0	21.98	22.02	21.80	23	1
5	16QAM	12	7	21.90	22.11	22.06		
5	16QAM	12	13	21.81	21.89	22.03		
5	16QAM	25	0	21.96	22.02	21.86		
5	64QAM	1	0	22.07	22.08	22.06	23	1
5	64QAM	1	12	21.87	21.83	22.03		
5	64QAM	1	24	22.19	21.97	22.03		
5	64QAM	12	0	21.06	20.85	20.80	22	2
5	64QAM	12	7	21.01	20.88	20.95		
5	64QAM	12	13	21.01	20.87	21.05		
5	64QAM	25	0	21.07	20.88	20.75		
5	256QAM	1	0	18.96	19.05	19.06	20	4
5	256QAM	1	12	18.91	18.97	18.93		
5	256QAM	1	24	19.03	18.88	18.82		
5	256QAM	12	0	18.99	19.18	18.99	20	4
5	256QAM	12	7	19.15	19.02	18.84		
5	256QAM	12	13	18.89	19.11	18.87		
5	256QAM	25	0	18.80	18.85	19.01		

Band 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					26140	26340	26590	
Frequency (MHz)					1880	1880	1905	
20	QPSK	1	0	22.74	22.78	22.75	24	0
20	QPSK	1	49	22.63	22.69	22.60		
20	QPSK	1	99	22.64	22.70	22.67		
20	QPSK	50	0	22.68	22.77	22.64	24	0
20	QPSK	50	24	22.60	22.76	22.68		
20	QPSK	50	50	22.69	22.75	22.63		
20	QPSK	100	0	22.70	22.71	22.58		
20	16QAM	1	0	22.59	22.70	22.70	24	0
20	16QAM	1	49	22.65	22.64	22.62		
20	16QAM	1	99	22.70	22.68	22.65		
20	16QAM	50	0	21.79	21.79	21.81	23	1
20	16QAM	50	24	21.72	21.75	21.85		
20	16QAM	50	50	21.77	21.89	21.76		
20	16QAM	100	0	21.62	21.69	21.86		
20	64QAM	1	0	21.76	21.64	21.81	23	1
20	64QAM	1	49	21.64	21.92	21.81		
20	64QAM	1	99	21.72	21.88	21.82		
20	64QAM	50	0	20.85	20.79	20.75	22	2
20	64QAM	50	24	20.76	20.89	20.69		
20	64QAM	50	50	20.79	20.83	20.80		
20	64QAM	100	0	20.65	20.70	20.83		
20	256QAM	1	0	18.71	18.81	18.80	20	4
20	256QAM	1	49	18.76	18.84	18.71		
20	256QAM	1	99	18.78	18.68	18.64		
20	256QAM	50	0	18.61	18.76	18.87	20	4
20	256QAM	50	24	18.67	18.87	18.74		
20	256QAM	50	50	18.59	18.87	18.70		
20	256QAM	100	0	18.88	18.86	18.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.67	22.73	22.71	24	0
15	QPSK	1	37	22.54	22.51	22.56		
15	QPSK	1	74	22.53	22.65	22.55		
15	QPSK	36	0	22.54	22.70	22.56	24	0
15	QPSK	36	20	22.50	22.63	22.61		
15	QPSK	36	39	22.53	22.63	22.47		
15	QPSK	75	0	22.62	22.62	22.54		
15	16QAM	1	0	22.52	22.67	22.63	24	0
15	16QAM	1	37	22.48	22.50	22.45		
15	16QAM	1	74	22.67	22.71	22.60		
15	16QAM	36	0	21.71	21.72	21.78	23	1
15	16QAM	36	20	21.61	21.59	21.72		
15	16QAM	36	39	21.65	21.78	21.73		
15	16QAM	75	0	21.53	21.55	21.82		
15	64QAM	1	0	21.65	21.58	21.67	23	1
15	64QAM	1	37	21.47	21.85	21.78		
15	64QAM	1	74	21.64	21.85	21.73		
15	64QAM	36	0	20.82	20.63	20.59	22	2
15	64QAM	36	20	20.70	20.72	20.57		
15	64QAM	36	39	20.75	20.77	20.70		
15	64QAM	75	0	20.49	20.55	20.78		
15	256QAM	1	0	18.58	18.68	18.72	20	4
15	256QAM	1	37	18.64	18.71	18.56		
15	256QAM	1	74	18.70	18.53	18.60		
15	256QAM	36	0	18.52	18.71	18.85	20	4
15	256QAM	36	20	18.56	18.82	18.62		
15	256QAM	36	39	18.53	18.60	18.56		
15	256QAM	75	0	18.74	18.81	18.54		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.61	22.73	22.71	24	0
10	QPSK	1	25	22.46	22.64	22.48		
10	QPSK	1	49	22.59	22.64	22.61		
10	QPSK	25	0	22.61	22.61	22.51	24	0
10	QPSK	25	12	22.56	22.71	22.64		
10	QPSK	25	25	22.53	22.65	22.55		
10	QPSK	50	0	22.62	22.63	22.42		
10	16QAM	1	0	22.53	22.52	22.56	24	0
10	16QAM	1	25	22.58	22.60	22.48		
10	16QAM	1	49	22.60	22.60	22.59		
10	16QAM	25	0	21.66	21.73	21.78	23	1
10	16QAM	25	12	21.60	21.64	21.81		
10	16QAM	25	25	21.72	21.79	21.64		
10	16QAM	50	0	21.56	21.65	21.79		
10	64QAM	1	0	21.72	21.50	21.63	23	1
10	64QAM	1	25	21.50	21.89	21.68		
10	64QAM	1	49	21.70	21.82	21.76		
10	64QAM	25	0	20.72	20.63	20.65	22	2
10	64QAM	25	12	20.62	20.86	20.60		
10	64QAM	25	25	20.63	20.76	20.66		
10	64QAM	50	0	20.58	20.60	20.71		
10	256QAM	1	0	18.54	18.77	18.75	20	4
10	256QAM	1	25	18.69	18.67	18.61		
10	256QAM	1	49	18.76	18.64	18.48		
10	256QAM	25	0	18.45	18.59	18.83	20	4
10	256QAM	25	12	18.63	18.70	18.64		
10	256QAM	25	25	18.50	18.80	18.63		
10	256QAM	50	0	18.78	18.76	18.63		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.65	22.75	22.58	24	0
5	QPSK	1	12	22.59	22.55	22.53		
5	QPSK	1	24	22.48	22.67	22.50		
5	QPSK	12	0	22.58	22.64	22.46	24	0
5	QPSK	12	7	22.42	22.70	22.50		
5	QPSK	12	13	22.59	22.68	22.53		
5	QPSK	25	0	22.54	22.54	22.54		
5	16QAM	1	0	22.54	22.56	22.68	24	0
5	16QAM	1	12	22.47	22.52	22.59		
5	16QAM	1	24	22.54	22.60	22.62		
5	16QAM	12	0	21.62	21.72	21.75	23	1
5	16QAM	12	7	21.60	21.72	21.73		
5	16QAM	12	13	21.63	21.75	21.59		
5	16QAM	25	0	21.53	21.57	21.72		
5	64QAM	1	0	21.58	21.57	21.70	23	1
5	64QAM	1	12	21.48	21.76	21.66		
5	64QAM	1	24	21.57	21.74	21.65		
5	64QAM	12	0	20.69	20.74	20.64	22	2
5	64QAM	12	7	20.62	20.72	20.60		
5	64QAM	12	13	20.62	20.66	20.64		
5	64QAM	25	0	20.58	20.53	20.66		
5	256QAM	1	0	18.63	18.76	18.72	20	4
5	256QAM	1	12	18.61	18.73	18.63		
5	256QAM	1	24	18.65	18.52	18.49		
5	256QAM	12	0	18.58	18.74	18.71	20	4
5	256QAM	12	7	18.52	18.84	18.59		
5	256QAM	12	13	18.48	18.82	18.56		
5	256QAM	25	0	18.83	18.71	18.57		
Channel				26025	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.69	22.63	22.72	24	0
3	QPSK	1	8	22.57	22.62	22.42		
3	QPSK	1	14	22.54	22.63	22.53		
3	QPSK	8	0	22.54	22.65	22.58	24	0
3	QPSK	8	4	22.45	22.62	22.56		
3	QPSK	8	7	22.55	22.63	22.47		
3	QPSK	15	0	22.53	22.66	22.44		
3	16QAM	1	0	22.42	22.59	22.53	24	0
3	16QAM	1	8	22.51	22.62	22.47		
3	16QAM	1	14	22.53	22.53	22.61		
3	16QAM	8	0	21.67	21.66	21.64	23	1
3	16QAM	8	4	21.64	21.63	21.72		
3	16QAM	8	7	21.71	21.84	21.58		
3	16QAM	15	0	21.53	21.54	21.77		
3	64QAM	1	0	21.60	21.49	21.77	23	1
3	64QAM	1	8	21.58	21.84	21.71		
3	64QAM	1	14	21.59	21.80	21.74		
3	64QAM	8	0	20.69	20.74	20.58	22	2
3	64QAM	8	4	20.62	20.77	20.51		
3	64QAM	8	7	20.71	20.66	20.65		
3	64QAM	15	0	20.54	20.66	20.66		
3	256QAM	1	0	18.65	18.67	18.70	20	4
3	256QAM	1	8	18.62	18.79	18.56		
3	256QAM	1	14	18.64	18.51	18.55		
3	256QAM	8	0	18.56	18.64	18.80	20	4
3	256QAM	8	4	18.63	18.76	18.57		
3	256QAM	8	7	18.46	18.85	18.58		
3	256QAM	15	0	18.79	18.72	18.50		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.66	22.65	22.70	24	0
1.4	QPSK	1	3	22.61	22.68	22.69		
1.4	QPSK	1	5	22.61	22.66	22.70		
1.4	QPSK	3	0	22.67	22.61	22.59		
1.4	QPSK	3	1	22.68	22.74	22.60		
1.4	QPSK	3	3	22.58	22.68	22.66		
1.4	QPSK	6	0	22.61	22.74	22.59	24	0
1.4	16QAM	1	0	22.68	22.74	22.67	24	0
1.4	16QAM	1	3	22.68	22.71	22.64		
1.4	16QAM	1	5	22.58	22.72	22.70		
1.4	16QAM	3	0	22.67	22.66	22.63		
1.4	16QAM	3	1	22.61	22.74	22.71		
1.4	16QAM	3	3	22.61	22.73	22.69		
1.4	16QAM	6	0	21.66	21.65	21.90	23	1
1.4	64QAM	1	0	21.82	21.93	21.89	23	1
1.4	64QAM	1	3	21.81	21.70	21.65		
1.4	64QAM	1	5	21.76	21.91	21.69		
1.4	64QAM	3	0	21.80	21.82	21.84		
1.4	64QAM	3	1	21.87	21.74	21.73		
1.4	64QAM	3	3	21.60	21.69	21.85		
1.4	64QAM	6	0	20.68	20.73	20.71	22	2
1.4	256QAM	1	0	18.84	18.70	18.88	20	4
1.4	256QAM	1	3	18.67	18.66	18.74		
1.4	256QAM	1	5	18.79	18.82	18.73		
1.4	256QAM	3	0	18.84	18.67	18.65		
1.4	256QAM	3	1	18.68	18.78	18.88		
1.4	256QAM	3	3	18.70	18.74	18.64		
1.4	256QAM	6	0	18.74	18.83	18.87	20	4

Band 26 for FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.94	22.75	24	0
15	QPSK	1	37	22.69	22.85	22.61		
15	QPSK	1	74	22.71	22.91	22.68		
15	QPSK	36	0	22.66	22.90	22.61	24	0
15	QPSK	36	20	22.58	22.82	22.60		
15	QPSK	36	39	22.68	22.84	22.61		
15	QPSK	75	0	22.63	22.87	22.68		
15	16QAM	1	0	22.62	22.78	22.58	24	0
15	16QAM	1	37	22.59	22.89	22.65		
15	16QAM	1	74	22.64	22.82	22.73		
15	16QAM	36	0	21.74	21.82	21.82	23	1
15	16QAM	36	20	21.64	22.00	21.66		
15	16QAM	36	39	21.65	22.00	21.65		
15	16QAM	75	0	21.70	22.09	21.83		
15	64QAM	1	0	21.65	21.91	21.67	23	1
15	64QAM	1	37	21.75	21.90	21.89		
15	64QAM	1	74	21.81	22.09	21.77		
15	64QAM	36	0	20.77	20.85	20.60	22	2
15	64QAM	36	20	20.61	20.80	20.85		
15	64QAM	36	39	20.67	20.93	20.86		
15	64QAM	75	0	20.90	21.09	20.67		
15	256QAM	1	0	18.83	18.97	18.78	20	4
15	256QAM	1	37	18.77	18.96	18.73		
15	256QAM	1	74	18.66	19.04	18.83		
15	256QAM	36	0	18.68	18.88	18.66	20	4
15	256QAM	36	20	18.90	19.06	18.63		
15	256QAM	36	39	18.61	19.09	18.61		
15	256QAM	75	0	18.82	19.00	18.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.59	22.87	22.60	24	0
10	QPSK	1	25	22.61	22.82	22.44		
10	QPSK	1	49	22.69	22.74	22.64		
10	QPSK	25	0	22.54	22.74	22.55	24	0
10	QPSK	25	12	22.55	22.80	22.43		
10	QPSK	25	25	22.53	22.72	22.55		
10	QPSK	50	0	22.57	22.79	22.65		
10	16QAM	1	0	22.60	22.62	22.46	24	0
10	16QAM	1	25	22.44	22.75	22.49		
10	16QAM	1	49	22.55	22.75	22.59		
10	16QAM	25	0	21.67	21.73	21.65	23	1
10	16QAM	25	12	21.51	21.96	21.60		
10	16QAM	25	25	21.48	21.97	21.51		
10	16QAM	50	0	21.66	22.07	21.81		
10	64QAM	1	0	21.60	21.78	21.61	23	1
10	64QAM	1	25	21.57	21.84	21.77		
10	64QAM	1	49	21.77	22.04	21.64		
10	64QAM	25	0	20.61	20.76	20.48	22	2
10	64QAM	25	12	20.49	20.72	20.72		
10	64QAM	25	25	20.64	20.82	20.69		
10	64QAM	50	0	20.81	20.93	20.56		
10	256QAM	1	0	18.76	18.92	18.69	20	4
10	256QAM	1	25	18.65	18.89	18.55		
10	256QAM	1	49	18.56	18.95	18.78		
10	256QAM	25	0	18.66	18.83	18.58	20	4
10	256QAM	25	12	18.85	18.93	18.52		
10	256QAM	25	25	18.53	18.92	18.56		
10	256QAM	50	0	18.69	18.92	18.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.91	22.63	24	0
5	QPSK	1	12	22.59	22.68	22.51		
5	QPSK	1	24	22.62	22.86	22.59		
5	QPSK	12	0	22.61	22.77	22.48	24	0
5	QPSK	12	7	22.43	22.76	22.47		
5	QPSK	12	13	22.64	22.68	22.52		
5	QPSK	25	0	22.56	22.73	22.64		
5	16QAM	1	0	22.48	22.67	22.56	24	0
5	16QAM	1	12	22.44	22.78	22.49		
5	16QAM	1	24	22.60	22.68	22.61		
5	16QAM	12	0	21.61	21.69	21.65	23	1
5	16QAM	12	7	21.49	21.94	21.58		
5	16QAM	12	13	21.49	21.83	21.59		
5	16QAM	25	0	21.53	21.92	21.72		
5	64QAM	1	0	21.60	21.85	21.61	23	1
5	64QAM	1	12	21.63	21.80	21.72		
5	64QAM	1	24	21.71	22.01	21.63		
5	64QAM	12	0	20.73	20.67	20.43	22	2
5	64QAM	12	7	20.56	20.74	20.78		
5	64QAM	12	13	20.54	20.89	20.80		
5	64QAM	25	0	20.79	20.96	20.56		
5	256QAM	1	0	18.68	18.87	18.72	20	4
5	256QAM	1	12	18.69	18.83	18.59		
5	256QAM	1	24	18.55	18.90	18.78		
5	256QAM	12	0	18.83	18.93	18.73	20	4
5	256QAM	12	7	18.74	18.87	18.87		
5	256QAM	12	13	18.70	18.99	18.90		
5	256QAM	25	0	18.67	18.98	18.58		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.73	22.88	22.72	24	0
3	QPSK	1	8	22.57	22.72	22.58		
3	QPSK	1	14	22.59	22.81	22.54		
3	QPSK	8	0	22.50	22.74	22.56	24	0
3	QPSK	8	4	22.43	22.73	22.54		
3	QPSK	8	7	22.63	22.77	22.44		
3	QPSK	15	0	22.58	22.81	22.58		
3	16QAM	1	0	22.56	22.66	22.46	24	0
3	16QAM	1	8	22.54	22.73	22.47		
3	16QAM	1	14	22.51	22.75	22.70		
3	16QAM	8	0	21.63	21.66	21.79	23	1
3	16QAM	8	4	21.54	21.86	21.62		
3	16QAM	8	7	21.54	21.82	21.58		
3	16QAM	15	0	21.54	21.95	21.69		
3	64QAM	1	0	21.58	21.74	21.57	23	1
3	64QAM	1	8	21.66	21.73	21.77		
3	64QAM	1	14	21.73	22.06	21.61		
3	64QAM	8	0	20.70	20.71	20.52	22	2
3	64QAM	8	4	20.47	20.64	20.79		
3	64QAM	8	7	20.50	20.83	20.80		
3	64QAM	15	0	20.85	21.03	20.60		
3	256QAM	1	0	18.70	18.90	18.64	20	4
3	256QAM	1	8	18.67	18.85	18.65		
3	256QAM	1	14	18.55	18.90	18.80		
3	256QAM	8	0	18.66	18.86	18.79	20	4
3	256QAM	8	4	18.67	19.00	18.75		
3	256QAM	8	7	18.68	18.89	18.62		
3	256QAM	15	0	18.70	18.91	18.60		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.79	22.70	24	0
1.4	QPSK	1	3	22.59	22.92	22.69		
1.4	QPSK	1	5	22.62	22.83	22.59		
1.4	QPSK	3	0	22.63	22.87	22.68		
1.4	QPSK	3	1	22.65	22.80	22.60		
1.4	QPSK	3	3	22.67	22.83	22.73		
1.4	QPSK	6	0	22.71	22.83	22.66	24	0
1.4	16QAM	1	0	22.73	22.86	22.72	24	0
1.4	16QAM	1	3	22.63	22.90	22.65		
1.4	16QAM	1	5	22.60	22.77	22.71		
1.4	16QAM	3	0	22.71	22.89	22.60		
1.4	16QAM	3	1	22.73	22.83	22.67		
1.4	16QAM	3	3	22.66	22.82	22.58		
1.4	16QAM	6	0	21.87	21.80	21.79	23	1
1.4	64QAM	1	0	21.87	21.86	21.66	23	1
1.4	64QAM	1	3	21.76	22.07	21.75		
1.4	64QAM	1	5	21.71	22.04	21.66		
1.4	64QAM	3	0	21.66	21.84	21.82		
1.4	64QAM	3	1	21.77	21.98	21.77		
1.4	64QAM	3	3	21.74	21.81	21.83		
1.4	64QAM	6	0	20.69	21.03	20.86	22	2
1.4	256QAM	1	0	18.68	18.84	18.68	20	4
1.4	256QAM	1	3	18.82	18.81	18.88		
1.4	256QAM	1	5	18.77	18.90	18.69		
1.4	256QAM	3	0	18.81	19.06	18.75		
1.4	256QAM	3	1	18.89	18.83	18.60		
1.4	256QAM	3	3	18.86	18.97	18.81		
1.4	256QAM	6	0	18.84	18.91	18.79	20	4

Band 66

BW [MHz]	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	22.87	22.92	22.81	24	0
20	QPSK	1	49	22.78	22.88	22.74		
20	QPSK	1	99	22.78	22.79	22.70		
20	QPSK	50	0	22.85	22.89	22.72	24	0
20	QPSK	50	24	22.78	22.79	22.79		
20	QPSK	50	50	22.71	22.88	22.76		
20	QPSK	100	0	22.70	22.78	22.69		
20	16QAM	1	0	22.76	22.87	22.69	24	0
20	16QAM	1	49	22.76	22.75	22.70		
20	16QAM	1	99	22.75	22.82	22.74		
20	16QAM	50	0	21.94	22.05	21.91	23	1
20	16QAM	50	24	21.94	21.77	21.79		
20	16QAM	50	50	21.94	21.82	21.86		
20	16QAM	100	0	21.97	21.97	21.93		
20	64QAM	1	0	21.81	21.91	21.84	23	1
20	64QAM	1	49	21.87	21.90	21.79		
20	64QAM	1	99	21.79	22.04	21.75		
20	64QAM	50	0	20.94	20.90	20.80	22	2
20	64QAM	50	24	20.99	20.96	20.67		
20	64QAM	50	50	20.74	21.04	20.74		
20	64QAM	100	0	20.76	20.85	20.85		
20	256QAM	1	0	18.98	18.91	18.73	20	4
20	256QAM	1	49	18.85	19.02	18.85		
20	256QAM	1	99	18.94	18.89	18.73		
20	256QAM	50	0	19.01	18.81	18.77	20	4
20	256QAM	50	24	18.88	19.01	18.70		
20	256QAM	50	50	18.90	18.84	18.70		
20	256QAM	100	0	18.89	18.87	18.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.75	22.83	22.75	24	0
15	QPSK	1	37	22.70	22.79	22.69		
15	QPSK	1	74	22.60	22.68	22.53		
15	QPSK	36	0	22.83	22.83	22.59	24	0
15	QPSK	36	20	22.61	22.63	22.71		
15	QPSK	36	39	22.66	22.84	22.61		
15	QPSK	75	0	22.64	22.61	22.60		
15	16QAM	1	0	22.69	22.78	22.56	24	0
15	16QAM	1	37	22.58	22.63	22.54		
15	16QAM	1	74	22.70	22.78	22.66		
15	16QAM	36	0	21.85	21.88	21.79	23	1
15	16QAM	36	20	21.91	21.72	21.61		
15	16QAM	36	39	21.91	21.72	21.79		
15	16QAM	75	0	21.81	21.88	21.88		
15	64QAM	1	0	21.73	21.88	21.71	23	1
15	64QAM	1	37	21.75	21.73	21.74		
15	64QAM	1	74	21.69	21.89	21.63		
15	64QAM	36	0	20.90	20.86	20.68	22	2
15	64QAM	36	20	20.89	20.84	20.57		
15	64QAM	36	39	20.58	20.89	20.71		
15	64QAM	75	0	20.59	20.69	20.68		
15	256QAM	1	0	18.85	18.84	18.71	20	4
15	256QAM	1	37	18.67	19.00	18.72		
15	256QAM	1	74	18.86	18.76	18.67		
15	256QAM	36	0	18.97	18.78	18.64	20	4
15	256QAM	36	20	18.73	18.94	18.59		
15	256QAM	36	39	18.87	18.67	18.65		
15	256QAM	75	0	18.76	18.84	18.81		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.71	22.78	22.66	24	0
10	QPSK	1	25	22.76	22.75	22.69		
10	QPSK	1	49	22.61	22.63	22.66		
10	QPSK	25	0	22.78	22.81	22.58	24	0
10	QPSK	25	12	22.67	22.69	22.62		
10	QPSK	25	25	22.64	22.71	22.62		
10	QPSK	50	0	22.59	22.62	22.67		
10	16QAM	1	0	22.67	22.70	22.59	24	0
10	16QAM	1	25	22.62	22.60	22.61		
10	16QAM	1	49	22.69	22.66	22.68		
10	16QAM	25	0	21.89	21.98	21.85	23	1
10	16QAM	25	12	21.79	21.64	21.77		
10	16QAM	25	25	21.76	21.66	21.75		
10	16QAM	50	0	21.93	21.81	21.88		
10	64QAM	1	0	21.75	21.87	21.67	23	1
10	64QAM	1	25	21.71	21.75	21.67		
10	64QAM	1	49	21.69	21.87	21.69		
10	64QAM	25	0	20.82	20.74	20.68	22	2
10	64QAM	25	12	20.84	20.79	20.60		
10	64QAM	25	25	20.68	20.90	20.70		
10	64QAM	50	0	20.71	20.72	20.80		
10	256QAM	1	0	18.86	18.77	18.63	20	4
10	256QAM	1	25	18.76	19.00	18.78		
10	256QAM	1	49	18.86	18.82	18.66		
10	256QAM	25	0	18.99	18.72	18.74	20	4
10	256QAM	25	12	18.84	18.87	18.63		
10	256QAM	25	25	18.87	18.81	18.64		
10	256QAM	50	0	18.80	18.77	18.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.81	22.88	22.69	24	0
5	QPSK	1	12	22.64	22.86	22.71		
5	QPSK	1	24	22.66	22.65	22.60		
5	QPSK	12	0	22.77	22.71	22.68	24	0
5	QPSK	12	7	22.65	22.64	22.73		
5	QPSK	12	13	22.66	22.81	22.65		
5	QPSK	25	0	22.53	22.72	22.60		
5	16QAM	1	0	22.69	22.78	22.57	24	0
5	16QAM	1	12	22.67	22.68	22.55		
5	16QAM	1	24	22.66	22.70	22.67		
5	16QAM	12	0	21.83	21.87	21.75	23	1
5	16QAM	12	7	21.80	21.69	21.64		
5	16QAM	12	13	21.88	21.77	21.70		
5	16QAM	25	0	21.92	21.85	21.90		
5	64QAM	1	0	21.75	21.74	21.81	23	1
5	64QAM	1	12	21.77	21.85	21.66		
5	64QAM	1	24	21.76	21.96	21.60		
5	64QAM	12	0	20.79	20.76	20.69	22	2
5	64QAM	12	7	20.90	20.94	20.50		
5	64QAM	12	13	20.63	20.90	20.59		
5	64QAM	25	0	20.64	20.80	20.69		
5	256QAM	1	0	18.92	18.77	18.69	20	4
5	256QAM	1	12	18.75	18.95	18.76		
5	256QAM	1	24	18.78	18.82	18.71		
5	256QAM	12	0	18.86	18.78	18.62	20	4
5	256QAM	12	7	18.74	18.94	18.65		
5	256QAM	12	13	18.86	18.76	18.65		
5	256QAM	25	0	18.82	18.80	18.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.71	22.84	22.75	24	0
3	QPSK	1	8	22.65	22.78	22.64		
3	QPSK	1	14	22.60	22.68	22.67		
3	QPSK	8	0	22.72	22.80	22.68	24	0
3	QPSK	8	4	22.75	22.66	22.62		
3	QPSK	8	7	22.67	22.81	22.65		
3	QPSK	15	0	22.52	22.69	22.59		
3	16QAM	1	0	22.70	22.74	22.57	24	0
3	16QAM	1	8	22.60	22.58	22.54		
3	16QAM	1	14	22.63	22.68	22.59		
3	16QAM	8	0	21.90	21.97	21.88	23	1
3	16QAM	8	4	21.89	21.63	21.72		
3	16QAM	8	7	21.78	21.71	21.80		
3	16QAM	15	0	21.94	21.86	21.77		
3	64QAM	1	0	21.70	21.82	21.82	23	1
3	64QAM	1	8	21.72	21.84	21.66		
3	64QAM	1	14	21.70	21.87	21.67		
3	64QAM	8	0	20.79	20.85	20.75	22	2
3	64QAM	8	4	20.96	20.89	20.56		
3	64QAM	8	7	20.67	20.95	20.71		
3	64QAM	15	0	20.63	20.77	20.74		
3	256QAM	1	0	18.95	18.75	18.69	20	4
3	256QAM	1	8	18.82	18.97	18.67		
3	256QAM	1	14	18.77	18.75	18.65		
3	256QAM	8	0	18.86	18.77	18.73	20	4
3	256QAM	8	4	18.84	18.86	18.64		
3	256QAM	8	7	18.77	18.79	18.57		
3	256QAM	15	0	18.85	18.77	18.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.69	22.85	22.68	24	0
1.4	QPSK	1	3	22.84	22.84	22.77		
1.4	QPSK	1	5	22.75	22.83	22.64		
1.4	QPSK	3	0	22.75	22.77	22.64		
1.4	QPSK	3	1	22.71	22.78	22.75		
1.4	QPSK	3	3	22.73	22.85	22.65		
1.4	QPSK	6	0	22.78	22.79	22.78	24	0
1.4	16QAM	1	0	22.71	22.77	22.74	24	0
1.4	16QAM	1	3	22.78	22.86	22.71		
1.4	16QAM	1	5	22.84	22.83	22.74		
1.4	16QAM	3	0	22.73	22.80	22.77		
1.4	16QAM	3	1	22.84	22.75	22.67		
1.4	16QAM	3	3	22.85	22.76	22.71		
1.4	16QAM	6	0	21.78	21.92	21.77	23	1
1.4	64QAM	1	0	21.89	21.77	21.84	23	1
1.4	64QAM	1	3	21.82	21.82	21.84		
1.4	64QAM	1	5	21.82	21.81	21.85		
1.4	64QAM	3	0	21.89	22.05	21.79		
1.4	64QAM	3	1	21.77	21.93	21.85		
1.4	64QAM	3	3	21.90	21.84	21.95		
1.4	64QAM	6	0	20.83	20.82	20.77	22	2
1.4	256QAM	1	0	18.93	18.87	18.83	20	4
1.4	256QAM	1	3	18.77	18.77	18.84		
1.4	256QAM	1	5	18.91	19.05	18.94		
1.4	256QAM	3	0	18.86	18.84	18.71		
1.4	256QAM	3	1	18.89	19.01	18.93		
1.4	256QAM	3	3	19.02	19.02	18.95		
1.4	256QAM	6	0	18.85	19.06	18.87	20	4

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.82	22.98	22.91	24	0
20	QPSK	1	49	22.70	22.83	22.83		
20	QPSK	1	99	22.79	22.88	22.78		
20	QPSK	50	0	22.66	22.89	22.78	24	0
20	QPSK	50	24	22.80	22.86	22.80		
20	QPSK	50	50	22.68	22.88	22.87		
20	QPSK	100	0	22.78	22.85	22.83		
20	16QAM	1	0	22.77	22.92	22.77	24	0
20	16QAM	1	49	22.75	22.83	22.79		
20	16QAM	1	99	22.79	22.86	22.88		
20	16QAM	50	0	21.78	21.83	21.83	23	1
20	16QAM	50	24	21.94	21.95	21.90		
20	16QAM	50	50	21.91	21.90	21.96		
20	16QAM	100	0	21.94	22.07	22.01		
20	64QAM	1	0	21.83	21.99	21.81	23	1
20	64QAM	1	49	21.84	22.10	21.78		
20	64QAM	1	99	21.78	22.03	21.94		
20	64QAM	50	0	20.84	21.10	21.01	22	2
20	64QAM	50	24	20.96	20.92	20.95		
20	64QAM	50	50	20.86	21.03	20.94		
20	64QAM	100	0	20.87	20.93	20.99		
20	256QAM	1	0	18.79	18.88	18.82	20	4
20	256QAM	1	49	18.95	19.09	18.92		
20	256QAM	1	99	18.90	19.11	18.94		
20	256QAM	50	0	18.68	19.07	18.92	20	4
20	256QAM	50	24	18.80	19.11	18.95		
20	256QAM	50	50	18.89	19.09	19.04		
20	256QAM	100	0	18.82	18.84	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.77	22.88	22.74	24	0
15	QPSK	1	37	22.67	22.67	22.69		
15	QPSK	1	74	22.72	22.83	22.71		
15	QPSK	36	0	22.48	22.73	22.69	24	0
15	QPSK	36	20	22.76	22.73	22.65		
15	QPSK	36	39	22.62	22.71	22.69		
15	QPSK	75	0	22.64	22.81	22.81		
15	16QAM	1	0	22.70	22.87	22.64	24	0
15	16QAM	1	37	22.67	22.78	22.70		
15	16QAM	1	74	22.67	22.68	22.75		
15	16QAM	36	0	21.61	21.75	21.77	23	1
15	16QAM	36	20	21.90	21.91	21.82		
15	16QAM	36	39	21.82	21.78	21.81		
15	16QAM	75	0	21.91	22.03	21.91		
15	64QAM	1	0	21.79	21.94	21.78	23	1
15	64QAM	1	37	21.70	21.98	21.75		
15	64QAM	1	74	21.69	21.93	21.85		
15	64QAM	36	0	20.72	20.99	20.93	22	2
15	64QAM	36	20	20.79	20.87	20.78		
15	64QAM	36	39	20.79	20.90	20.83		
15	64QAM	75	0	20.84	20.84	20.92		
15	256QAM	1	0	18.76	18.74	18.75	20	4
15	256QAM	1	37	18.88	18.96	18.80		
15	256QAM	1	74	18.83	19.06	18.84		
15	256QAM	36	0	18.61	18.96	18.88	20	4
15	256QAM	36	20	18.72	19.06	18.86		
15	256QAM	36	39	18.79	18.94	18.90		
15	256QAM	75	0	18.70	18.71	18.77		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.71	22.93	22.75	24	0
10	QPSK	1	25	22.53	22.68	22.75		
10	QPSK	1	49	22.63	22.81	22.64		
10	QPSK	25	0	22.61	22.73	22.73	24	0
10	QPSK	25	12	22.71	22.74	22.77		
10	QPSK	25	25	22.64	22.76	22.73		
10	QPSK	50	0	22.70	22.82	22.75		
10	16QAM	1	0	22.64	22.90	22.61	24	0
10	16QAM	1	25	22.59	22.65	22.75		
10	16QAM	1	49	22.76	22.77	22.80		
10	16QAM	25	0	21.71	21.77	21.67	23	1
10	16QAM	25	12	21.86	21.85	21.75		
10	16QAM	25	25	21.75	21.82	21.91		
10	16QAM	50	0	21.86	21.92	21.94		
10	64QAM	1	0	21.73	21.92	21.68	23	1
10	64QAM	1	25	21.73	22.00	21.72		
10	64QAM	1	49	21.68	21.96	21.88		
10	64QAM	25	0	20.70	21.06	20.95	22	2
10	64QAM	25	12	20.87	20.86	20.78		
10	64QAM	25	25	20.70	21.00	20.84		
10	64QAM	50	0	20.70	20.91	20.88		
10	256QAM	1	0	18.65	18.74	18.67	20	4
10	256QAM	1	25	18.83	18.93	18.82		
10	256QAM	1	49	18.77	19.08	18.90		
10	256QAM	25	0	18.61	19.04	18.80	20	4
10	256QAM	25	12	18.70	18.93	18.80		
10	256QAM	25	25	18.79	18.94	18.92		
10	256QAM	50	0	18.70	18.74	18.86		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.69	22.87	22.79	24	0
5	QPSK	1	12	22.66	22.73	22.76		
5	QPSK	1	24	22.73	22.78	22.71		
5	QPSK	12	0	22.61	22.80	22.64	24	0
5	QPSK	12	7	22.67	22.79	22.70		
5	QPSK	12	13	22.61	22.76	22.78		
5	QPSK	25	0	22.70	22.80	22.72		
5	16QAM	1	0	22.73	22.87	22.66	24	0
5	16QAM	1	12	22.63	22.70	22.72		
5	16QAM	1	24	22.70	22.83	22.84		
5	16QAM	12	0	21.75	21.79	21.66	23	1
5	16QAM	12	7	21.78	21.89	21.79		
5	16QAM	12	13	21.76	21.76	21.93		
5	16QAM	25	0	21.91	22.02	21.86		
5	64QAM	1	0	21.67	21.95	21.73	23	1
5	64QAM	1	12	21.79	21.96	21.61		
5	64QAM	1	24	21.74	21.98	21.87		
5	64QAM	12	0	20.75	21.07	20.93	22	2
5	64QAM	12	7	20.79	20.77	20.78		
5	64QAM	12	13	20.72	20.91	20.92		
5	64QAM	25	0	20.77	20.86	20.90		
5	256QAM	1	0	18.69	18.86	18.75	20	4
5	256QAM	1	12	18.90	18.97	18.86		
5	256QAM	1	24	18.82	19.05	18.83		
5	256QAM	12	0	18.62	18.98	18.88	20	4
5	256QAM	12	7	18.70	19.03	18.79		
5	256QAM	12	13	18.84	18.96	18.95		
5	256QAM	25	0	18.74	18.77	18.79		

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			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	22.46	22.50	22.38	24.00	22.69	22.70	22.65	24.00	23.06	23.04	23.07	24.00
3GPP Rel 99	RMC 12.2Kbps	22.59	22.61	22.51	24.00	22.79	22.80	22.77	24.00	23.11	23.19	23.14	24.00
3GPP Rel 6	HSDPA Subtest-1	21.52	21.51	21.58	23.00	21.72	21.70	21.81	23.00	22.16	22.19	22.29	23.00
3GPP Rel 6	HSDPA Subtest-2	21.52	21.72	21.46	23.00	21.80	21.91	21.63	23.00	22.03	22.23	22.13	23.00
3GPP Rel 6	HSDPA Subtest-3	21.06	21.17	21.11	22.50	21.25	21.44	21.18	22.50	21.47	21.75	21.55	22.50
3GPP Rel 6	HSDPA Subtest-4	21.14	21.11	21.05	22.50	21.32	21.18	21.37	22.50	21.64	21.72	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.65	21.53	21.46	23.00	21.83	21.94	21.84	23.00	22.22	22.10	22.18	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.56	21.57	21.40	23.00	21.76	21.83	21.85	23.00	21.99	22.12	22.27	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.07	21.06	21.10	22.50	21.43	21.38	21.15	22.50	21.65	21.83	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	20.98	21.01	21.04	22.50	21.32	21.38	21.41	22.50	21.62	21.59	21.54	22.50
3GPP Rel 6	HSUPA Subtest-1	21.58	21.51	21.42	23.00	21.78	21.93	21.85	23.00	22.10	22.09	22.02	23.00
3GPP Rel 6	HSUPA Subtest-2	19.81	19.84	19.40	21.00	19.85	19.70	19.79	21.00	20.08	20.06	20.14	21.00
3GPP Rel 6	HSUPA Subtest-3	20.68	20.64	20.48	22.00	20.68	20.69	20.81	22.00	21.10	21.26	21.27	22.00
3GPP Rel 6	HSUPA Subtest-4	19.67	19.71	19.48	21.00	19.64	19.94	19.84	21.00	20.20	20.25	20.28	21.00
3GPP Rel 6	HSUPA Subtest-5	21.56	21.59	21.52	23.00	21.73	21.86	21.71	23.00	22.23	22.06	22.20	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.19	19.09	19.07	20.50	19.43	19.34	19.33	20.50	19.61	19.67	19.77	20.50

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.29	22.36	22.30	24	0
20	QPSK	1	49	22.12	22.28	22.26		
20	QPSK	1	99	22.14	22.21	22.16		
20	QPSK	50	0	22.12	22.35	22.28	24	0
20	QPSK	50	24	22.26	22.22	22.20		
20	QPSK	50	50	22.14	22.34	22.14		
20	QPSK	100	0	22.18	22.21	22.20		
20	16QAM	1	0	22.21	22.33	22.18	24	0
20	16QAM	1	49	22.26	22.23	22.26		
20	16QAM	1	99	22.15	22.24	22.17		
20	16QAM	50	0	21.17	21.49	21.38	23	1
20	16QAM	50	24	21.33	21.25	21.21		
20	16QAM	50	50	21.15	21.44	21.22		
20	16QAM	100	0	21.39	21.32	21.42		
20	64QAM	1	0	21.35	21.49	21.43	23	1
20	64QAM	1	49	21.27	21.39	21.37		
20	64QAM	1	99	21.40	21.51	21.16		
20	64QAM	50	0	20.43	20.26	20.33	22	2
20	64QAM	50	24	20.43	20.47	20.25		
20	64QAM	50	50	20.39	20.22	20.23		
20	64QAM	100	0	20.32	20.25	20.28		
20	256QAM	1	0	18.37	18.43	18.43	20	4
20	256QAM	1	49	18.37	18.45	18.45		
20	256QAM	1	99	18.36	18.44	18.19		
20	256QAM	50	0	18.36	18.42	18.19	20	4
20	256QAM	50	24	18.28	18.45	18.44		
20	256QAM	50	50	18.33	18.48	18.39		
20	256QAM	100	0	18.42	18.32	18.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.23	22.29	22.24	24	0
15	QPSK	1	37	22.09	22.24	22.19		
15	QPSK	1	74	22.04	22.07	22.08		
15	QPSK	36	0	22.09	22.19	22.21	24	0
15	QPSK	36	20	22.10	22.07	22.12		
15	QPSK	36	39	22.03	22.21	22.04		
15	QPSK	75	0	22.03	22.13	22.08		
15	16QAM	1	0	22.10	22.26	22.11	24	0
15	16QAM	1	37	22.19	22.16	22.20		
15	16QAM	1	74	22.09	22.15	22.06		
15	16QAM	36	0	21.10	21.42	21.25	23	1
15	16QAM	36	20	21.25	21.23	21.17		
15	16QAM	36	39	21.00	21.34	21.05		
15	16QAM	75	0	21.21	21.27	21.27		
15	64QAM	1	0	21.20	21.37	21.41	23	1
15	64QAM	1	37	21.18	21.31	21.22		
15	64QAM	1	74	21.29	21.49	21.06		
15	64QAM	36	0	20.28	20.20	20.25	22	2
15	64QAM	36	20	20.27	20.41	20.17		
15	64QAM	36	39	20.29	20.14	20.09		
15	64QAM	75	0	20.16	20.15	20.23		
15	256QAM	1	0	18.22	18.31	18.36	20	4
15	256QAM	1	37	18.28	18.37	18.31		
15	256QAM	1	74	18.30	18.33	18.06		
15	256QAM	36	0	18.22	18.28	18.14	20	4
15	256QAM	36	20	18.14	18.36	18.34		
15	256QAM	36	39	18.26	18.46	18.21		
15	256QAM	75	0	18.36	18.20	18.29		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.18	22.22	22.27	24	0
10	QPSK	1	25	22.08	22.13	22.15		
10	QPSK	1	49	22.03	22.06	22.08		
10	QPSK	25	0	22.10	22.18	22.21	24	0
10	QPSK	25	12	22.11	22.15	22.13		
10	QPSK	25	25	22.00	22.18	22.11		
10	QPSK	50	0	22.02	22.05	22.10		
10	16QAM	1	0	22.05	22.29	22.15	24	0
10	16QAM	1	25	22.14	22.18	22.15		
10	16QAM	1	49	22.09	22.15	22.03		
10	16QAM	25	0	21.08	21.34	21.35	23	1
10	16QAM	25	12	21.29	21.20	21.09		
10	16QAM	25	25	21.08	21.38	21.12		
10	16QAM	50	0	21.31	21.15	21.24		
10	64QAM	1	0	21.31	21.44	21.29	23	1
10	64QAM	1	25	21.19	21.23	21.30		
10	64QAM	1	49	21.31	21.46	21.10		
10	64QAM	25	0	20.28	20.19	20.27	22	2
10	64QAM	25	12	20.30	20.31	20.21		
10	64QAM	25	25	20.30	20.20	20.07		
10	64QAM	50	0	20.26	20.18	20.18		
10	256QAM	1	0	18.21	18.27	18.34	20	4
10	256QAM	1	25	18.23	18.39	18.37		
10	256QAM	1	49	18.19	18.36	18.02		
10	256QAM	25	0	18.33	18.32	18.06	20	4
10	256QAM	25	12	18.12	18.42	18.35		
10	256QAM	25	25	18.18	18.31	18.35		
10	256QAM	50	0	18.31	18.18	18.20		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.14	22.18	22.14	24	0
5	QPSK	1	12	22.05	22.20	22.16		
5	QPSK	1	24	22.04	22.09	22.12		
5	QPSK	12	0	22.10	22.20	22.18	24	0
5	QPSK	12	7	22.11	22.19	22.17		
5	QPSK	12	13	22.11	22.23	22.03		
5	QPSK	25	0	22.10	22.09	22.06		
5	16QAM	1	0	22.09	22.19	22.11	24	0
5	16QAM	1	12	22.11	22.17	22.21		
5	16QAM	1	24	22.02	22.13	22.11		
5	16QAM	12	0	21.01	21.44	21.28	23	1
5	16QAM	12	7	21.23	21.21	21.14		
5	16QAM	12	13	21.01	21.32	21.19		
5	16QAM	25	0	21.25	21.29	21.35		
5	64QAM	1	0	21.19	21.39	21.40	23	1
5	64QAM	1	12	21.20	21.33	21.22		
5	64QAM	1	24	21.37	21.37	21.02		
5	64QAM	12	0	20.39	20.18	20.16	22	2
5	64QAM	12	7	20.35	20.44	20.16		
5	64QAM	12	13	20.37	20.06	20.08		
5	64QAM	25	0	20.29	20.19	20.17		
5	256QAM	1	0	18.27	18.34	18.31	20	4
5	256QAM	1	12	18.25	18.35	18.36		
5	256QAM	1	24	18.19	18.38	18.11		
5	256QAM	12	0	18.28	18.30	18.02	20	4
5	256QAM	12	7	18.20	18.28	18.41		
5	256QAM	12	13	18.24	18.40	18.37		
5	256QAM	25	0	18.32	18.22	18.30		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.15	22.29	22.23	24	0
3	QPSK	1	8	22.01	22.25	22.14		
3	QPSK	1	14	22.12	22.07	22.09		
3	QPSK	8	0	22.05	22.18	22.17	24	0
3	QPSK	8	4	22.16	22.05	22.03		
3	QPSK	8	7	22.00	22.22	22.00		
3	QPSK	15	0	22.13	22.04	22.08		
3	16QAM	1	0	22.09	22.21	22.06	24	0
3	16QAM	1	8	22.09	22.06	22.13		
3	16QAM	1	14	22.11	22.12	22.13		
3	16QAM	8	0	21.06	21.34	21.30	23	1
3	16QAM	8	4	21.18	21.10	21.12		
3	16QAM	8	7	21.01	21.31	21.16		
3	16QAM	15	0	21.32	21.20	21.27		
3	64QAM	1	0	21.29	21.44	21.27	23	1
3	64QAM	1	8	21.13	21.25	21.27		
3	64QAM	1	14	21.31	21.49	21.09		
3	64QAM	8	0	20.29	20.19	20.31	22	2
3	64QAM	8	4	20.34	20.38	20.17		
3	64QAM	8	7	20.30	20.17	20.16		
3	64QAM	15	0	20.29	20.18	20.15		
3	256QAM	1	0	18.25	18.38	18.29	20	4
3	256QAM	1	8	18.29	18.34	18.33		
3	256QAM	1	14	18.32	18.38	18.02		
3	256QAM	8	0	18.31	18.34	18.09	20	4
3	256QAM	8	4	18.25	18.41	18.29		
3	256QAM	8	7	18.24	18.41	18.23		
3	256QAM	15	0	18.38	18.30	18.29		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.26	22.23	22.17	24	0
1.4	QPSK	1	3	22.21	22.24	22.20		
1.4	QPSK	1	5	22.11	22.26	22.25		
1.4	QPSK	3	0	22.22	22.22	22.26		
1.4	QPSK	3	1	22.14	22.24	22.27		
1.4	QPSK	3	3	22.22	22.21	22.17		
1.4	QPSK	6	0	22.25	22.22	22.16	24	0
1.4	16QAM	1	0	22.12	22.24	22.18	24	0
1.4	16QAM	1	3	22.13	22.23	22.17		
1.4	16QAM	1	5	22.20	22.31	22.22		
1.4	16QAM	3	0	22.13	22.22	22.19		
1.4	16QAM	3	1	22.16	22.20	22.27		
1.4	16QAM	3	3	22.15	22.21	22.15		
1.4	16QAM	6	0	21.22	21.32	21.27	23	1
1.4	64QAM	1	0	21.34	21.35	21.26	23	1
1.4	64QAM	1	3	21.28	21.39	21.34		
1.4	64QAM	1	5	21.32	21.31	21.33		
1.4	64QAM	3	0	21.32	21.39	21.35		
1.4	64QAM	3	1	21.31	21.39	21.27		
1.4	64QAM	3	3	21.35	21.28	21.29		
1.4	64QAM	6	0	20.22	20.39	20.24	22	2
1.4	256QAM	1	0	18.31	18.40	18.32	20	4
1.4	256QAM	1	3	18.21	18.29	18.37		
1.4	256QAM	1	5	18.37	18.40	18.23		
1.4	256QAM	3	0	18.28	18.41	18.29		
1.4	256QAM	3	1	18.22	18.43	18.38		
1.4	256QAM	3	3	18.31	18.28	18.23		
1.4	256QAM	6	0	18.29	18.44	18.34	20	4

Band 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	22.40	22.50	22.45	24	0
20	QPSK	1	49	22.27	22.40	22.35		
20	QPSK	1	99	22.32	22.43	22.36		
20	QPSK	50	0	22.26	22.48	22.41	24	0
20	QPSK	50	24	22.34	22.38	22.30		
20	QPSK	50	50	22.25	22.36	22.42		
20	QPSK	100	0	22.29	22.45	22.33		
20	16QAM	1	0	22.33	22.44	22.39	24	0
20	16QAM	1	49	22.23	22.33	22.37		
20	16QAM	1	99	22.32	22.34	22.38		
20	16QAM	50	0	21.52	21.36	21.54	23	1
20	16QAM	50	24	21.46	21.64	21.47		
20	16QAM	50	50	21.45	21.44	21.57		
20	16QAM	100	0	21.43	21.45	21.33		
20	64QAM	1	0	21.35	21.41	21.51	23	1
20	64QAM	1	49	21.47	21.37	21.40		
20	64QAM	1	99	21.28	21.48	21.47		
20	64QAM	50	0	20.50	20.54	20.34	22	2
20	64QAM	50	24	20.34	20.36	20.50		
20	64QAM	50	50	20.42	20.58	20.43		
20	64QAM	100	0	20.44	20.45	20.46		
20	256QAM	1	0	18.31	18.59	18.38	20	4
20	256QAM	1	49	18.31	18.64	18.34		
20	256QAM	1	99	18.45	18.47	18.41		
20	256QAM	50	0	18.37	18.63	18.46	20	4
20	256QAM	50	24	18.32	18.47	18.52		
20	256QAM	50	50	18.53	18.36	18.52		
20	256QAM	100	0	18.27	18.53	18.60		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.25	22.38	22.33	24	0
15	QPSK	1	37	22.12	22.23	22.31		
15	QPSK	1	74	22.29	22.37	22.33		
15	QPSK	36	0	22.18	22.40	22.31	24	0
15	QPSK	36	20	22.29	22.27	22.15		
15	QPSK	36	39	22.22	22.26	22.24		
15	QPSK	75	0	22.18	22.38	22.30		
15	16QAM	1	0	22.28	22.34	22.22	24	0
15	16QAM	1	37	22.16	22.19	22.34		
15	16QAM	1	74	22.28	22.26	22.27		
15	16QAM	36	0	21.50	21.18	21.44	23	1
15	16QAM	36	20	21.37	21.56	21.32		
15	16QAM	36	39	21.40	21.37	21.46		
15	16QAM	75	0	21.30	21.32	21.31		
15	64QAM	1	0	21.29	21.37	21.43	23	1
15	64QAM	1	37	21.35	21.29	21.31		
15	64QAM	1	74	21.14	21.35	21.30		
15	64QAM	36	0	20.34	20.46	20.21	22	2
15	64QAM	36	20	20.29	20.27	20.33		
15	64QAM	36	39	20.33	20.40	20.41		
15	64QAM	75	0	20.28	20.28	20.38		
15	256QAM	1	0	18.15	18.55	18.35	20	4
15	256QAM	1	37	18.16	18.49	18.17		
15	256QAM	1	74	18.36	18.35	18.37		
15	256QAM	36	0	18.29	18.48	18.41	20	4
15	256QAM	36	20	18.25	18.45	18.49		
15	256QAM	36	39	18.47	18.30	18.37		
15	256QAM	75	0	18.24	18.46	18.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.26	22.45	22.34	24	0
10	QPSK	1	25	22.15	22.27	22.26		
10	QPSK	1	49	22.24	22.31	22.21		
10	QPSK	25	0	22.08	22.41	22.27	24	0
10	QPSK	25	12	22.21	22.30	22.17		
10	QPSK	25	25	22.21	22.24	22.26		
10	QPSK	50	0	22.11	22.28	22.19		
10	16QAM	1	0	22.24	22.35	22.34	24	0
10	16QAM	1	25	22.15	22.27	22.24		
10	16QAM	1	49	22.18	22.26	22.25		
10	16QAM	25	0	21.48	21.28	21.39	23	1
10	16QAM	25	12	21.42	21.55	21.31		
10	16QAM	25	25	21.28	21.34	21.44		
10	16QAM	50	0	21.31	21.30	21.25		
10	64QAM	1	0	21.19	21.26	21.34	23	1
10	64QAM	1	25	21.44	21.32	21.34		
10	64QAM	1	49	21.26	21.46	21.40		
10	64QAM	25	0	20.35	20.42	20.24	22	2
10	64QAM	25	12	20.18	20.28	20.43		
10	64QAM	25	25	20.30	20.43	20.33		
10	64QAM	50	0	20.38	20.37	20.42		
10	256QAM	1	0	18.27	18.50	18.31	20	4
10	256QAM	1	25	18.20	18.60	18.29		
10	256QAM	1	49	18.37	18.41	18.27		
10	256QAM	25	0	18.22	18.61	18.43	20	4
10	256QAM	25	12	18.15	18.43	18.40		
10	256QAM	25	25	18.39	18.21	18.47		
10	256QAM	50	0	18.19	18.38	18.57		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.27	22.47	22.38	24	0
5	QPSK	1	12	22.24	22.24	22.31		
5	QPSK	1	24	22.24	22.36	22.26		
5	QPSK	12	0	22.19	22.38	22.30	24	0
5	QPSK	12	7	22.29	22.22	22.16		
5	QPSK	12	13	22.14	22.27	22.32		
5	QPSK	25	0	22.19	22.42	22.24		
5	16QAM	1	0	22.29	22.38	22.36	24	0
5	16QAM	1	12	22.15	22.25	22.27		
5	16QAM	1	24	22.24	22.16	22.28		
5	16QAM	12	0	21.50	21.32	21.39	23	1
5	16QAM	12	7	21.28	21.49	21.30		
5	16QAM	12	13	21.38	21.35	21.40		
5	16QAM	25	0	21.30	21.40	21.23		
5	64QAM	1	0	21.32	21.39	21.35	23	1
5	64QAM	1	12	21.29	21.31	21.34		
5	64QAM	1	24	21.19	21.32	21.31		
5	64QAM	12	0	20.39	20.46	20.30	22	2
5	64QAM	12	7	20.29	20.28	20.44		
5	64QAM	12	13	20.25	20.50	20.29		
5	64QAM	25	0	20.34	20.41	20.39		
5	256QAM	1	0	18.24	18.42	18.29	20	4
5	256QAM	1	12	18.18	18.55	18.24		
5	256QAM	1	24	18.34	18.31	18.32		
5	256QAM	12	0	18.33	18.57	18.33	20	4
5	256QAM	12	7	18.20	18.42	18.43		
5	256QAM	12	13	18.38	18.25	18.37		
5	256QAM	25	0	18.14	18.51	18.54		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.38	22.34	22.28	24	0
3	QPSK	1	8	22.19	22.25	22.31		
3	QPSK	1	14	22.15	22.30	22.33		
3	QPSK	8	0	22.21	22.38	22.32	24	0
3	QPSK	8	4	22.18	22.22	22.21		
3	QPSK	8	7	22.10	22.31	22.33		
3	QPSK	15	0	22.15	22.36	22.19		
3	16QAM	1	0	22.31	22.28	22.32	24	0
3	16QAM	1	8	22.15	22.15	22.27		
3	16QAM	1	14	22.21	22.29	22.31		
3	16QAM	8	0	21.37	21.30	21.39	23	1
3	16QAM	8	4	21.33	21.50	21.44		
3	16QAM	8	7	21.28	21.39	21.52		
3	16QAM	15	0	21.33	21.40	21.17		
3	64QAM	1	0	21.18	21.28	21.46	23	1
3	64QAM	1	8	21.44	21.27	21.32		
3	64QAM	1	14	21.25	21.40	21.33		
3	64QAM	8	0	20.47	20.49	20.25	22	2
3	64QAM	8	4	20.27	20.21	20.35		
3	64QAM	8	7	20.31	20.50	20.40		
3	64QAM	15	0	20.31	20.28	20.29		
3	256QAM	1	0	18.24	18.56	18.21	20	4
3	256QAM	1	8	18.17	18.47	18.26		
3	256QAM	1	14	18.27	18.31	18.33		
3	256QAM	8	0	18.28	18.57	18.40	20	4
3	256QAM	8	4	18.22	18.32	18.39		
3	256QAM	8	7	18.36	18.29	18.35		
3	256QAM	15	0	18.09	18.47	18.50		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.34	22.38	22.27	24	0
1.4	QPSK	1	3	22.26	22.36	22.42		
1.4	QPSK	1	5	22.35	22.46	22.43		
1.4	QPSK	3	0	22.24	22.36	22.35		
1.4	QPSK	3	1	22.36	22.33	22.41		
1.4	QPSK	3	3	22.31	22.38	22.40		
1.4	QPSK	6	0	22.35	22.37	22.33	24	0
1.4	16QAM	1	0	22.23	22.39	22.31	24	0
1.4	16QAM	1	3	22.24	22.38	22.27		
1.4	16QAM	1	5	22.30	22.42	22.40		
1.4	16QAM	3	0	22.37	22.39	22.41		
1.4	16QAM	3	1	22.32	22.38	22.33		
1.4	16QAM	3	3	22.34	22.36	22.27		
1.4	16QAM	6	0	21.54	21.45	21.53	23	1
1.4	64QAM	1	0	21.39	21.54	21.51	23	1
1.4	64QAM	1	3	21.35	21.48	21.47		
1.4	64QAM	1	5	21.32	21.56	21.57		
1.4	64QAM	3	0	21.52	21.60	21.30		
1.4	64QAM	3	1	21.46	21.48	21.47		
1.4	64QAM	3	3	21.46	21.40	21.59		
1.4	64QAM	6	0	20.43	20.40	20.44	22	2
1.4	256QAM	1	0	18.46	18.50	18.56	20	4
1.4	256QAM	1	3	18.42	18.47	18.43		
1.4	256QAM	1	5	18.34	18.57	18.35		
1.4	256QAM	3	0	18.31	18.44	18.49		
1.4	256QAM	3	1	18.50	18.60	18.58		
1.4	256QAM	3	3	18.43	18.36	18.54		
1.4	256QAM	6	0	18.52	18.59	18.59	20	4

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.52	22.65	22.44	24	0
10	QPSK	1	25	22.40	22.56	22.33		
10	QPSK	1	49	22.43	22.49	22.35		
10	QPSK	25	0	22.43	22.63	22.27	24	0
10	QPSK	25	12	22.35	22.62	22.41		
10	QPSK	25	25	22.49	22.54	22.37		
10	QPSK	50	0	22.38	22.62	22.32		
10	16QAM	1	0	22.35	22.50	22.32	24	0
10	16QAM	1	25	22.36	22.49	22.40		
10	16QAM	1	49	22.42	22.54	22.27		
10	16QAM	25	0	21.49	21.53	21.34	23	1
10	16QAM	25	12	21.48	21.67	21.49		
10	16QAM	25	25	21.62	21.59	21.33		
10	16QAM	50	0	21.41	21.70	21.42		
10	64QAM	1	0	21.57	21.65	21.51	23	1
10	64QAM	1	25	21.47	21.70	21.43		
10	64QAM	1	49	21.51	21.77	21.35		
10	64QAM	25	0	20.46	20.70	20.56	22	2
10	64QAM	25	12	20.58	20.68	20.55		
10	64QAM	25	25	20.42	20.55	20.57		
10	64QAM	50	0	20.55	20.71	20.50		
10	256QAM	1	0	18.52	18.62	18.47	20	4
10	256QAM	1	25	18.47	18.80	18.40		
10	256QAM	1	49	18.45	18.54	18.52		
10	256QAM	25	0	18.41	18.61	18.45	20	4
10	256QAM	25	12	18.50	18.75	18.51		
10	256QAM	25	25	18.40	18.52	18.31		
10	256QAM	50	0	18.49	18.67	18.49		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.35	22.63	22.42	24	0
5	QPSK	1	12	22.28	22.48	22.30		
5	QPSK	1	24	22.38	22.43	22.31		
5	QPSK	12	0	22.41	22.48	22.17	24	0
5	QPSK	12	7	22.26	22.57	22.33		
5	QPSK	12	13	22.46	22.37	22.34		
5	QPSK	25	0	22.25	22.45	22.22		
5	16QAM	1	0	22.22	22.40	22.19	24	0
5	16QAM	1	12	22.25	22.38	22.37		
5	16QAM	1	24	22.35	22.48	22.14		
5	16QAM	12	0	21.44	21.37	21.23	23	1
5	16QAM	12	7	21.38	21.58	21.41		
5	16QAM	12	13	21.46	21.54	21.16		
5	16QAM	25	0	21.35	21.59	21.37		
5	64QAM	1	0	21.47	21.60	21.36	23	1
5	64QAM	1	12	21.31	21.62	21.27		
5	64QAM	1	24	21.40	21.61	21.26		
5	64QAM	12	0	20.36	20.57	20.43	22	2
5	64QAM	12	7	20.50	20.51	20.50		
5	64QAM	12	13	20.31	20.41	20.45		
5	64QAM	25	0	20.50	20.62	20.38		
5	256QAM	1	0	18.50	18.52	18.38	20	4
5	256QAM	1	12	18.41	18.65	18.28		
5	256QAM	1	24	18.42	18.45	18.47		
5	256QAM	12	0	18.35	18.48	18.33	20	4
5	256QAM	12	7	18.46	18.63	18.41		
5	256QAM	12	13	18.24	18.39	18.25		
5	256QAM	25	0	18.41	18.59	18.42		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.39	22.49	22.32	24	0
3	QPSK	1	8	22.22	22.41	22.16		
3	QPSK	1	14	22.35	22.38	22.27		
3	QPSK	8	0	22.27	22.61	22.19	24	0
3	QPSK	8	4	22.20	22.58	22.33		
3	QPSK	8	7	22.35	22.38	22.29		
3	QPSK	15	0	22.31	22.60	22.24		
3	16QAM	1	0	22.23	22.40	22.22	24	0
3	16QAM	1	8	22.20	22.35	22.23		
3	16QAM	1	14	22.26	22.43	22.21		
3	16QAM	8	0	21.44	21.41	21.24	23	1
3	16QAM	8	4	21.43	21.49	21.47		
3	16QAM	8	7	21.58	21.43	21.23		
3	16QAM	15	0	21.37	21.53	21.38		
3	64QAM	1	0	21.54	21.51	21.39	23	1
3	64QAM	1	8	21.35	21.54	21.29		
3	64QAM	1	14	21.37	21.68	21.18		
3	64QAM	8	0	20.40	20.53	20.53	22	2
3	64QAM	8	4	20.46	20.52	20.42		
3	64QAM	8	7	20.35	20.43	20.46		
3	64QAM	15	0	20.51	20.56	20.40		
3	256QAM	1	0	18.39	18.52	18.36	20	4
3	256QAM	1	8	18.44	18.76	18.28		
3	256QAM	1	14	18.33	18.41	18.44		
3	256QAM	8	0	18.31	18.46	18.38	20	4
3	256QAM	8	4	18.32	18.59	18.41		
3	256QAM	8	7	18.27	18.49	18.14		
3	256QAM	15	0	18.33	18.54	18.41		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.37	22.53	22.32	24	0
1.4	QPSK	1	3	22.46	22.63	22.27		
1.4	QPSK	1	5	22.48	22.59	22.27		
1.4	QPSK	3	0	22.39	22.52	22.26		
1.4	QPSK	3	1	22.39	22.50	22.38		
1.4	QPSK	3	3	22.34	22.55	22.31		
1.4	QPSK	6	0	22.50	22.57	22.37	24	0
1.4	16QAM	1	0	22.48	22.57	22.35	24	0
1.4	16QAM	1	3	22.42	22.55	22.40		
1.4	16QAM	1	5	22.36	22.60	22.27		
1.4	16QAM	3	0	22.49	22.52	22.35		
1.4	16QAM	3	1	22.38	22.54	22.27		
1.4	16QAM	3	3	22.37	22.51	22.42		
1.4	16QAM	6	0	21.43	21.51	21.31	23	1
1.4	64QAM	1	0	21.43	21.60	21.45	23	1
1.4	64QAM	1	3	21.55	21.62	21.52		
1.4	64QAM	1	5	21.47	21.63	21.56		
1.4	64QAM	3	0	21.55	21.69	21.46		
1.4	64QAM	3	1	21.56	21.75	21.55		
1.4	64QAM	3	3	21.53	21.79	21.37		
1.4	64QAM	6	0	20.50	20.59	20.50	22	2
1.4	256QAM	1	0	18.61	18.69	18.54	20	4
1.4	256QAM	1	3	18.66	18.71	18.49		
1.4	256QAM	1	5	18.61	18.67	18.52		
1.4	256QAM	3	0	18.53	18.78	18.49		
1.4	256QAM	3	1	18.57	18.62	18.37		
1.4	256QAM	3	3	18.48	18.72	18.48		
1.4	256QAM	6	0	18.63	18.73	18.44	20	4

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.55	21.66	21.61	23	0
20	QPSK	1	49	21.50	21.50	21.47		
20	QPSK	1	99	21.38	21.55	21.43		
20	QPSK	50	0	20.50	20.75	20.49	22	1
20	QPSK	50	24	20.41	20.67	20.61		
20	QPSK	50	50	20.66	20.62	20.73		
20	QPSK	100	0	20.44	20.71	20.60		
20	16QAM	1	0	20.68	20.52	20.52	22	1
20	16QAM	1	49	20.55	20.63	20.62		
20	16QAM	1	99	20.55	20.52	20.68		
20	16QAM	50	0	19.49	19.74	19.54	21	2
20	16QAM	50	24	19.65	19.72	19.65		
20	16QAM	50	50	19.48	19.70	19.69		
20	16QAM	100	0	19.62	19.61	19.73		
20	64QAM	1	0	19.56	19.60	19.70	21	2
20	64QAM	1	49	19.46	19.51	19.71		
20	64QAM	1	99	19.52	19.66	19.73		
20	64QAM	50	0	18.56	18.78	18.66	20	3
20	64QAM	50	24	18.56	18.67	18.58		
20	64QAM	50	50	18.50	18.52	18.53		
20	64QAM	100	0	18.65	18.72	18.59		
20	256QAM	1	0	16.48	16.75	16.71	18	5
20	256QAM	1	49	16.51	16.65	16.64		
20	256QAM	1	99	16.41	16.72	16.68		
20	256QAM	50	0	16.59	16.51	16.60	18	5
20	256QAM	50	24	16.42	16.62	16.49		
20	256QAM	50	50	16.43	16.58	16.62		
20	256QAM	100	0	16.47	16.54	16.72		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.38	21.53	21.53	23	0
15	QPSK	1	37	21.42	21.42	21.44		
15	QPSK	1	74	21.24	21.46	21.29		
15	QPSK	36	0	20.38	20.60	20.37	22	1
15	QPSK	36	20	20.33	20.56	20.49		
15	QPSK	36	39	20.60	20.48	20.63		
15	QPSK	75	0	20.33	20.69	20.50		
15	16QAM	1	0	20.59	20.45	20.38	22	1
15	16QAM	1	37	20.37	20.54	20.54		
15	16QAM	1	74	20.48	20.46	20.65		
15	16QAM	36	0	19.42	19.61	19.46	21	2
15	16QAM	36	20	19.52	19.70	19.50		
15	16QAM	36	39	19.39	19.65	19.51		
15	16QAM	75	0	19.45	19.53	19.64		
15	64QAM	1	0	19.51	19.47	19.54	21	2
15	64QAM	1	37	19.37	19.37	19.68		
15	64QAM	1	74	19.39	19.63	19.69		
15	64QAM	36	0	18.39	18.68	18.56	20	3
15	64QAM	36	20	18.38	18.54	18.51		
15	64QAM	36	39	18.48	18.41	18.41		
15	64QAM	75	0	18.47	18.60	18.52		
15	256QAM	1	0	16.34	16.62	16.68	18	5
15	256QAM	1	37	16.48	16.55	16.51		
15	256QAM	1	74	16.27	16.69	16.59		
15	256QAM	36	0	16.56	16.34	16.47	18	5
15	256QAM	36	20	16.38	16.56	16.45		
15	256QAM	36	39	16.31	16.55	16.45		
15	256QAM	75	0	16.43	16.43	16.56		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.53	21.64	21.47	23	0
10	QPSK	1	25	21.37	21.47	21.37		
10	QPSK	1	49	21.25	21.37	21.41		
10	QPSK	25	0	20.40	20.62	20.43	22	1
10	QPSK	25	12	20.33	20.61	20.44		
10	QPSK	25	25	20.52	20.51	20.55		
10	QPSK	50	0	20.40	20.67	20.51		
10	16QAM	1	0	20.51	20.37	20.43	22	1
10	16QAM	1	25	20.38	20.54	20.55		
10	16QAM	1	49	20.52	20.35	20.57		
10	16QAM	25	0	19.45	19.58	19.49	21	2
10	16QAM	25	12	19.55	19.69	19.57		
10	16QAM	25	25	19.42	19.54	19.58		
10	16QAM	50	0	19.52	19.54	19.64		
10	64QAM	1	0	19.44	19.43	19.58	21	2
10	64QAM	1	25	19.29	19.39	19.56		
10	64QAM	1	49	19.42	19.54	19.58		
10	64QAM	25	0	18.41	18.64	18.58	20	3
10	64QAM	25	12	18.50	18.62	18.42		
10	64QAM	25	25	18.38	18.45	18.43		
10	64QAM	50	0	18.48	18.55	18.45		
10	256QAM	1	0	16.31	16.58	16.55	18	5
10	256QAM	1	25	16.41	16.62	16.60		
10	256QAM	1	49	16.34	16.62	16.51		
10	256QAM	25	0	16.49	16.35	16.49	18	5
10	256QAM	25	12	16.28	16.46	16.46		
10	256QAM	25	25	16.27	16.45	16.47		
10	256QAM	50	0	16.43	16.51	16.55		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.41	21.61	21.54	23	0
5	QPSK	1	12	21.38	21.36	21.44		
5	QPSK	1	24	21.36	21.53	21.30		
5	QPSK	12	0	20.39	20.71	20.41	22	1
5	QPSK	12	7	20.38	20.61	20.57		
5	QPSK	12	13	20.51	20.55	20.59		
5	QPSK	25	0	20.38	20.56	20.51		
5	16QAM	1	0	20.61	20.49	20.42	22	1
5	16QAM	1	12	20.42	20.51	20.44		
5	16QAM	1	24	20.49	20.48	20.56		
5	16QAM	12	0	19.42	19.58	19.38	21	2
5	16QAM	12	7	19.62	19.66	19.48		
5	16QAM	12	13	19.41	19.61	19.67		
5	16QAM	25	0	19.50	19.49	19.66		
5	64QAM	1	0	19.51	19.50	19.64	21	2
5	64QAM	1	12	19.44	19.48	19.60		
5	64QAM	1	24	19.47	19.59	19.68		
5	64QAM	12	0	18.44	18.74	18.51	20	3
5	64QAM	12	7	18.43	18.56	18.44		
5	64QAM	12	13	18.48	18.41	18.37		
5	64QAM	25	0	18.49	18.56	18.53		
5	256QAM	1	0	16.35	16.63	16.55	18	5
5	256QAM	1	12	16.36	16.54	16.60		
5	256QAM	1	24	16.30	16.59	16.62		
5	256QAM	12	0	16.44	16.43	16.51	18	5
5	256QAM	12	7	16.24	16.57	16.43		
5	256QAM	12	13	16.38	16.53	16.48		
5	256QAM	25	0	16.38	16.47	16.68		

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.02	23.05	23.00		
10	QPSK	1	25	22.84	22.93	22.86	24	0
10	QPSK	1	49	22.86	22.96	22.85		
10	QPSK	25	0	22.90	22.95	22.93		
10	QPSK	25	12	22.85	22.94	22.90	24	0
10	QPSK	25	25	22.94	22.90	22.90		
10	QPSK	50	0	22.91	22.93	22.85		
10	16QAM	1	0	22.98	22.97	22.98		
10	16QAM	1	25	22.99	22.91	22.90	24	0
10	16QAM	1	49	22.94	22.95	22.89		
10	16QAM	25	0	21.87	22.04	22.11		
10	16QAM	25	12	22.10	21.97	21.88	23	1
10	16QAM	25	25	22.04	21.93	21.92		
10	16QAM	50	0	21.90	22.10	22.06		
10	64QAM	1	0	22.12	21.98	21.91		
10	64QAM	1	25	21.87	21.96	22.10	23	1
10	64QAM	1	49	22.05	22.15	22.11		
10	64QAM	25	0	21.11	21.19	20.87		
10	64QAM	25	12	21.14	20.97	20.88	22	2
10	64QAM	25	25	21.11	20.96	20.97		
10	64QAM	50	0	20.90	21.04	20.95		
10	256QAM	1	0	18.92	19.09	18.92		
10	256QAM	1	25	18.89	19.03	19.14	20	4
10	256QAM	1	49	19.12	19.06	19.14		
10	256QAM	25	0	19.01	18.94	19.14		
10	256QAM	25	12	18.93	19.02	18.89	20	4
10	256QAM	25	25	18.99	18.91	18.94		
10	256QAM	50	0	18.87	18.96	19.13		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.85	22.95	22.91		
5	QPSK	1	12	22.89	22.82	22.82	24	0
5	QPSK	1	24	22.74	22.94	22.76		
5	QPSK	12	0	22.74	22.79	22.80		
5	QPSK	12	7	22.68	22.89	22.79	24	0
5	QPSK	12	13	22.89	22.79	22.76		
5	QPSK	25	0	22.78	22.87	22.82		
5	16QAM	1	0	22.86	22.86	22.96		
5	16QAM	1	12	22.93	22.87	22.79	24	0
5	16QAM	1	24	22.87	22.86	22.82		
5	16QAM	12	0	21.79	21.91	22.04		
5	16QAM	12	7	21.93	21.81	21.73	23	1
5	16QAM	12	13	21.93	21.83	21.83		
5	16QAM	25	0	21.87	22.00	21.95		
5	64QAM	1	0	21.96	21.82	21.83		
5	64QAM	1	12	21.76	21.83	21.96	23	1
5	64QAM	1	24	22.02	22.08	22.03		
5	64QAM	12	0	20.94	21.10	20.74		
5	64QAM	12	7	21.08	20.82	20.72	22	2
5	64QAM	12	13	21.05	20.94	20.92		
5	64QAM	25	0	20.82	20.96	20.89		
5	256QAM	1	0	18.77	18.97	18.80		
5	256QAM	1	12	18.86	18.98	19.06	20	4
5	256QAM	1	24	18.97	19.02	19.05		
5	256QAM	12	0	18.89	18.86	18.97		
5	256QAM	12	7	18.86	18.92	18.74	20	4
5	256QAM	12	13	18.83	18.82	18.91		
5	256QAM	25	0	18.82	18.83	19.04		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.84	22.88	22.85		
3	QPSK	1	8	22.81	22.89	22.74	24	0
3	QPSK	1	14	22.74	22.86	22.80		
3	QPSK	8	0	22.73	22.89	22.86		
3	QPSK	8	4	22.79	22.84	22.81	24	0
3	QPSK	8	7	22.90	22.85	22.78		
3	QPSK	15	0	22.76	22.76	22.73		
3	16QAM	1	0	22.95	22.91	22.93		
3	16QAM	1	8	22.97	22.82	22.77	24	0
3	16QAM	1	14	22.81	22.82	22.78		
3	16QAM	8	0	21.84	21.88	22.06		
3	16QAM	8	4	22.03	21.91	21.82	23	1
3	16QAM	8	7	21.88	21.91	21.83		
3	16QAM	15	0	21.80	21.97	22.04		
3	64QAM	1	0	22.03	21.93	21.86		
3	64QAM	1	8	21.72	21.84	22.05	23	1
3	64QAM	1	14	21.91	22.08	21.95		
3	64QAM	8	0	20.99	21.14	20.77		
3	64QAM	8	4	20.98	20.86	20.77	22	2
3	64QAM	8	7	21.03	20.85	20.84		
3	64QAM	15	0	20.86	20.88	20.78		
3	256QAM	1	0	18.86	18.99	18.85		
3	256QAM	1	8	18.79	18.91	19.01	20	4
3	256QAM	1	14	19.10	18.91	18.98		
3	256QAM	8	0	18.84	18.83	19.08		
3	256QAM	8	4	18.78	18.98	18.79	20	4
3	256QAM	8	7	18.95	18.73	18.90		
3	256QAM	15	0	18.81	18.94	19.06		
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.92	22.96	22.95		
1.4	QPSK	1	3	22.92	23.01	22.91		
1.4	QPSK	1	5	22.96	22.91	22.94	24	0
1.4	QPSK	3	0	22.89	22.88	22.94		
1.4	QPSK	3	1	22.93	22.93	22.94		
1.4	QPSK	3	3	22.96	22.90	22.85		
1.4	QPSK	6	0	22.85	22.96	22.97	24	0
1.4	16QAM	1	0	22.86	23.03	22.95		
1.4	16QAM	1	3	22.92	23.01	22.96		
1.4	16QAM	1	5	22.92	23.02	22.86	24	0
1.4	16QAM	3	0	22.90	22.93	22.94		
1.4	16QAM	3	1	22.89	22.92	22.91		
1.4	16QAM	3	3	22.98	22.92	22.95		
1.4	16QAM	6	0	21.94	22.02	22.07	23	1
1.4	64QAM	1	0	22.02	21.92	22.11		
1.4	64QAM	1	3	22.03	22.16	22.09		
1.4	64QAM	1	5	21.97	22.01	21.95	23	1
1.4	64QAM	3	0	22.12	22.16	22.10		
1.4	64QAM	3	1	22.15	21.99	21.86		
1.4	64QAM	3	3	21.92	22.10	21.94		
1.4	64QAM	6	0	20.91	20.90	21.06	22	2
1.4	256QAM	1	0	19.01	18.92	18.95		
1.4	256QAM	1	3	18.93	19.14	19.11		
1.4	256QAM	1	5	18.91	18.93	18.85	20	4
1.4	256QAM	3	0	18.95	19.00	18.99		
1.4	256QAM	3	1	19.16	18.99	18.97		
1.4	256QAM	3	3	19.10	19.11	18.88		
1.4	256QAM	6	0	19.11	19.17	19.06	20	4

Band 13

BW [MHz]	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		22.85			
10	QPSK	1	25		22.75		24	0
10	QPSK	1	49		22.68			
10	QPSK	25	0		21.84			
10	QPSK	25	12		21.82		23	1
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.73			
10	16QAM	1	0		21.71			
10	16QAM	1	25		21.93		23	1
10	16QAM	1	49		21.89			
10	16QAM	25	0		20.87			
10	16QAM	25	12		20.74		22	2
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.97			
10	64QAM	1	0		20.91			
10	64QAM	1	25		20.91		22	2
10	64QAM	1	49		20.71			
10	64QAM	25	0		19.73			
10	64QAM	25	12		19.80		21	3
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.79			
10	256QAM	1	0		17.96			
10	256QAM	1	25		17.76		19	5
10	256QAM	1	49		18.00			
10	256QAM	25	0		17.94			
10	256QAM	25	12		17.80		19	5
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.74			
Channel				23205	23230	23255		
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.62	22.74	22.74		
5	QPSK	1	12	22.65	22.62	22.44	24	0
5	QPSK	1	24	22.52	22.62	22.61		
5	QPSK	12	0	21.52	21.70	21.53		
5	QPSK	12	7	21.63	21.75	21.64	23	1
5	QPSK	12	13	21.54	21.62	21.72		
5	QPSK	25	0	21.50	21.65	21.65		
5	16QAM	1	0	21.75	21.62	21.73		
5	16QAM	1	12	21.71	21.90	21.76	23	1
5	16QAM	1	24	21.86	21.76	21.73		
5	16QAM	12	0	20.68	20.74	20.56		
5	16QAM	12	7	20.74	20.63	20.76	22	2
5	16QAM	12	13	20.58	20.67	20.78		
5	16QAM	25	0	20.78	20.94	20.74		
5	64QAM	1	0	20.67	20.80	20.68		
5	64QAM	1	12	20.72	20.89	20.73	22	2
5	64QAM	1	24	20.74	20.54	20.84		
5	64QAM	12	0	19.54	19.56	19.77		
5	64QAM	12	7	19.56	19.70	19.58	21	3
5	64QAM	12	13	19.47	19.61	19.68		
5	64QAM	25	0	19.61	19.67	19.56		
5	256QAM	1	0	17.73	17.94	17.50		
5	256QAM	1	12	17.59	17.67	17.58	19	5
5	256QAM	1	24	17.73	17.98	17.66		
5	256QAM	12	0	17.77	17.83	17.88		
5	256QAM	12	7	17.59	17.66	17.65	19	5
5	256QAM	12	13	17.76	17.78	17.75		
5	256QAM	25	0	17.58	17.72	17.58		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.99			
10	QPSK	1	25		22.97		24	0
10	QPSK	1	49		22.85			
10	QPSK	25	0		22.97			
10	QPSK	25	12		22.94		24	0
10	QPSK	25	25		22.93			
10	QPSK	50	0		22.96			
10	16QAM	1	0		22.85			
10	16QAM	1	25		22.97		24	0
10	16QAM	1	49		22.85			
10	16QAM	25	0		22.00			
10	16QAM	25	12		21.98		23	1
10	16QAM	25	25		22.03			
10	16QAM	50	0		21.95			
10	64QAM	1	0		22.02			
10	64QAM	1	25		22.01		23	1
10	64QAM	1	49		21.95			
10	64QAM	25	0		21.04			
10	64QAM	25	12		21.03		22	2
10	64QAM	25	25		21.03			
10	64QAM	50	0		20.92			
10	256QAM	1	0		18.96			
10	256QAM	1	25		18.91		20	4
10	256QAM	1	49		19.04			
10	256QAM	25	0		19.05			
10	256QAM	25	12		19.03		20	4
10	256QAM	25	25		19.01			
10	256QAM	50	0		19.02			
Channel				23305	23330	23355		
Frequency (MHz)				790.5	793	795.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.77	22.92	22.74		
5	QPSK	1	12	22.58	22.92	22.64	24	0
5	QPSK	1	24	22.57	22.81	22.63		
5	QPSK	12	0	22.68	22.80	22.67		
5	QPSK	12	7	22.63	22.80	22.72	24	0
5	QPSK	12	13	22.64	22.77	22.73		
5	QPSK	25	0	22.60	22.94	22.54		
5	16QAM	1	0	22.67	22.70	22.55		
5	16QAM	1	12	22.60	22.86	22.65	24	0
5	16QAM	1	24	22.75	22.76	22.63		
5	16QAM	12	0	21.86	21.95	21.65		
5	16QAM	12	7	21.81	21.84	21.63	23	1
5	16QAM	12	13	21.75	21.98	21.59		
5	16QAM	25	0	21.78	21.79	21.69		
5	64QAM	1	0	21.72	21.84	21.64		
5	64QAM	1	12	21.73	21.84	21.79	23	1
5	64QAM	1	24	21.78	21.83	21.84		
5	64QAM	12	0	20.77	20.95	20.80		
5	64QAM	12	7	20.66	20.94	20.61	22	2
5	64QAM	12	13	20.78	20.86	20.79		
5	64QAM	25	0	20.79	20.75	20.72		
5	256QAM	1	0	18.73	18.84	18.67		
5	256QAM	1	12	18.86	18.75	18.72	20	4
5	256QAM	1	24	18.73	18.97	18.79		
5	256QAM	12	0	18.61	18.99	18.65		
5	256QAM	12	7	18.76	18.89	18.80	20	4
5	256QAM	12	13	18.79	18.99	18.68		
5	256QAM	25	0	18.75	18.90	18.63		

Band 17

BW [MHz]	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	22.99	23.08	23.00		
10	QPSK	1	25	22.96	23.05	22.86	24	0
10	QPSK	1	49	22.92	23.02	22.88		
10	QPSK	25	0	22.89	23.05	22.91		
10	QPSK	25	12	22.82	22.93	22.92	24	0
10	QPSK	25	25	22.95	23.02	22.98		
10	QPSK	50	0	22.92	22.97	22.94		
10	16QAM	1	0	22.94	23.05	22.83		
10	16QAM	1	25	22.97	23.00	22.97	24	0
10	16QAM	1	49	22.91	22.97	22.95		
10	16QAM	25	0	21.98	22.13	21.96		
10	16QAM	25	12	22.06	21.96	22.00	23	1
10	16QAM	25	25	21.96	22.23	22.12		
10	16QAM	50	0	21.92	22.03	22.11		
10	64QAM	1	0	22.00	21.99	22.12		
10	64QAM	1	25	22.13	22.21	22.08	23	1
10	64QAM	1	49	22.03	22.14	22.02		
10	64QAM	25	0	20.86	21.22	21.04		
10	64QAM	25	12	20.93	21.11	21.05	22	2
10	64QAM	25	25	20.92	21.22	20.89		
10	64QAM	50	0	21.04	21.13	20.97		
10	256QAM	1	0	19.00	19.04	18.87		
10	256QAM	1	25	18.95	19.19	18.87	20	4
10	256QAM	1	49	18.86	18.97	18.90		
10	256QAM	25	0	19.01	19.11	18.96		
10	256QAM	25	12	19.00	19.22	18.98	20	4
10	256QAM	25	25	19.00	19.19	18.94		
10	256QAM	50	0	19.03	19.20	19.10		
Channel				23755	23790	23825		
Frequency (MHz)				706.5	710	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.91	23.04	22.85		
5	QPSK	1	12	22.93	22.99	22.82	24	0
5	QPSK	1	24	22.82	22.90	22.82		
5	QPSK	12	0	22.74	22.89	22.82		
5	QPSK	12	7	22.74	22.85	22.80	24	0
5	QPSK	12	13	22.90	22.88	22.81		
5	QPSK	25	0	22.80	22.91	22.79		
5	16QAM	1	0	22.78	22.92	22.78		
5	16QAM	1	12	22.89	22.92	22.92	24	0
5	16QAM	1	24	22.74	22.80	22.79		
5	16QAM	12	0	21.95	22.08	21.82		
5	16QAM	12	7	22.01	21.87	21.95	23	1
5	16QAM	12	13	21.93	22.06	22.04		
5	16QAM	25	0	21.81	21.92	22.08		
5	64QAM	1	0	21.95	21.95	21.99		
5	64QAM	1	12	22.01	22.15	21.90	23	1
5	64QAM	1	24	22.00	21.97	21.84		
5	64QAM	12	0	20.76	21.11	20.93		
5	64QAM	12	7	20.89	21.02	20.93	22	2
5	64QAM	12	13	20.81	21.17	20.81		
5	64QAM	25	0	20.94	20.96	20.88		
5	256QAM	1	0	18.85	18.87	18.70		
5	256QAM	1	12	18.84	19.13	18.84	20	4
5	256QAM	1	24	18.75	18.84	18.88		
5	256QAM	12	0	18.86	19.04	18.89		
5	256QAM	12	7	18.87	19.14	18.82	20	4
5	256QAM	12	13	18.85	19.07	18.83		
5	256QAM	25	0	19.00	19.16	18.95		

Band 25

BW [MHz]	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	22.47	22.52	22.37	24	0
20	QPSK	1	49	22.30	22.43	22.23		
20	QPSK	1	99	22.30	22.35	22.29		
20	QPSK	50	0	21.57	21.64	21.36	23	1
20	QPSK	50	24	21.50	21.44	21.38		
20	QPSK	50	50	21.58	21.63	21.47		
20	QPSK	100	0	21.50	21.52	21.27		
20	16QAM	1	0	21.34	21.57	21.27	23	1
20	16QAM	1	49	21.49	21.53	21.36		
20	16QAM	1	99	21.55	21.40	21.44		
20	16QAM	50	0	20.45	20.64	20.43	22	2
20	16QAM	50	24	20.54	20.46	20.39		
20	16QAM	50	50	20.45	20.62	20.47		
20	16QAM	100	0	20.44	20.48	20.47		
20	64QAM	1	0	20.41	20.47	20.22	22	2
20	64QAM	1	49	20.40	20.66	20.51		
20	64QAM	1	99	20.57	20.65	20.28		
20	64QAM	50	0	19.56	19.50	19.43	21	3
20	64QAM	50	24	19.49	19.60	19.43		
20	64QAM	50	50	19.34	19.37	19.35		
20	64QAM	100	0	19.33	19.51	19.26		
20	256QAM	1	0	17.42	17.59	17.25	19	5
20	256QAM	1	49	17.60	17.58	17.32		
20	256QAM	1	99	17.48	17.57	17.30		
20	256QAM	50	0	17.46	17.56	17.45	19	5
20	256QAM	50	24	17.50	17.61	17.36		
20	256QAM	50	50	17.52	17.64	17.43		
20	256QAM	100	0	17.55	17.65	17.24		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.44	22.47	22.28	24	0
15	QPSK	1	37	22.27	22.30	22.06		
15	QPSK	1	74	22.27	22.20	22.16		
15	QPSK	36	0	21.39	21.56	21.28	23	1
15	QPSK	36	20	21.45	21.28	21.34		
15	QPSK	36	39	21.52	21.45	21.34		
15	QPSK	75	0	21.35	21.42	21.17		
15	16QAM	1	0	21.28	21.48	21.25	23	1
15	16QAM	1	37	21.40	21.41	21.20		
15	16QAM	1	74	21.47	21.29	21.42		
15	16QAM	36	0	20.38	20.51	20.39	22	2
15	16QAM	36	20	20.45	20.41	20.26		
15	16QAM	36	39	20.31	20.52	20.41		
15	16QAM	75	0	20.42	20.37	20.44		
15	64QAM	1	0	20.24	20.45	20.15	22	2
15	64QAM	1	37	20.23	20.49	20.40		
15	64QAM	1	74	20.41	20.48	20.26		
15	64QAM	36	0	19.51	19.41	19.33	21	3
15	64QAM	36	20	19.40	19.55	19.39		
15	64QAM	36	39	19.30	19.28	19.20		
15	64QAM	75	0	19.21	19.45	19.12		
15	256QAM	1	0	17.30	17.54	17.17	19	5
15	256QAM	1	37	17.55	17.55	17.28		
15	256QAM	1	74	17.30	17.45	17.13		
15	256QAM	36	0	17.39	17.45	17.28	19	5
15	256QAM	36	20	17.32	17.51	17.26		
15	256QAM	36	39	17.42	17.57	17.26		
15	256QAM	75	0	17.50	17.52	17.19		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.31	22.44	22.22	24	0
10	QPSK	1	25	22.14	22.37	22.20		
10	QPSK	1	49	22.23	22.33	22.12		
10	QPSK	25	0	21.43	21.49	21.23	23	1
10	QPSK	25	12	21.44	21.41	21.35		
10	QPSK	25	25	21.42	21.52	21.29		
10	QPSK	50	0	21.33	21.41	21.23		
10	16QAM	1	0	21.22	21.48	21.10	23	1
10	16QAM	1	25	21.41	21.40	21.30		
10	16QAM	1	49	21.41	21.37	21.37		
10	16QAM	25	0	20.37	20.50	20.35	22	2
10	16QAM	25	12	20.51	20.43	20.27		
10	16QAM	25	25	20.43	20.48	20.31		
10	16QAM	50	0	20.33	20.45	20.42		
10	64QAM	1	0	20.23	20.42	20.09	22	2
10	64QAM	1	25	20.37	20.53	20.35		
10	64QAM	1	49	20.50	20.58	20.17		
10	64QAM	25	0	19.47	19.46	19.27	21	3
10	64QAM	25	12	19.32	19.55	19.28		
10	64QAM	25	25	19.31	19.32	19.31		
10	64QAM	50	0	19.25	19.45	19.15		
10	256QAM	1	0	17.24	17.44	17.18	19	5
10	256QAM	1	25	17.48	17.48	17.20		
10	256QAM	1	49	17.40	17.50	17.19		
10	256QAM	25	0	17.32	17.41	17.42	19	5
10	256QAM	25	12	17.41	17.58	17.19		
10	256QAM	25	25	17.39	17.56	17.38		
10	256QAM	50	0	17.42	17.49	17.13		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.36	22.34	22.30	24	0
5	QPSK	1	12	22.14	22.40	22.06		
5	QPSK	1	24	22.23	22.32	22.15		
5	QPSK	12	0	21.42	21.46	21.24	23	1
5	QPSK	12	7	21.38	21.27	21.24		
5	QPSK	12	13	21.52	21.55	21.44		
5	QPSK	25	0	21.34	21.35	21.16		
5	16QAM	1	0	21.27	21.54	21.24	23	1
5	16QAM	1	12	21.35	21.48	21.31		
5	16QAM	1	24	21.51	21.29	21.32		
5	16QAM	12	0	20.28	20.56	20.37	22	2
5	16QAM	12	7	20.43	20.38	20.24		
5	16QAM	12	13	20.38	20.56	20.31		
5	16QAM	25	0	20.35	20.34	20.33		
5	64QAM	1	0	20.31	20.43	20.15	22	2
5	64QAM	1	12	20.30	20.59	20.47		
5	64QAM	1	24	20.43	20.61	20.17		
5	64QAM	12	0	19.51	19.32	19.32	21	3
5	64QAM	12	7	19.41	19.47	19.33		
5	64QAM	12	13	19.26	19.34	19.24		
5	64QAM	25	0	19.28	19.38	19.14		
5	256QAM	1	0	17.38	17.56	17.17	19	5
5	256QAM	1	12	17.46	17.43	17.27		
5	256QAM	1	24	17.43	17.42	17.21		
5	256QAM	12	0	17.34	17.47	17.30	19	5
5	256QAM	12	7	17.46	17.52	17.28		
5	256QAM	12	13	17.42	17.58	17.36		
5	256QAM	25	0	17.49	17.60	17.20		
Channel				26043	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.35	22.39	22.20	24	0
3	QPSK	1	8	22.13	22.26	22.17		
3	QPSK	1	14	22.15	22.22	22.20		
3	QPSK	8	0	21.49	21.59	21.25	23	1
3	QPSK	8	4	21.34	21.35	21.21		
3	QPSK	8	7	21.53	21.53	21.33		
3	QPSK	15	0	21.36	21.38	21.22		
3	16QAM	1	0	21.25	21.43	21.25	23	1
3	16QAM	1	8	21.39	21.46	21.27		
3	16QAM	1	14	21.47	21.28	21.36		
3	16QAM	8	0	20.40	20.61	20.32	22	2
3	16QAM	8	4	20.47	20.38	20.28		
3	16QAM	8	7	20.35	20.56	20.30		
3	16QAM	15	0	20.36	20.44	20.39		
3	64QAM	1	0	20.28	20.38	20.09	22	2
3	64QAM	1	8	20.22	20.56	20.39		
3	64QAM	1	14	20.52	20.55	20.19		
3	64QAM	8	0	19.50	19.39	19.32	21	3
3	64QAM	8	4	19.39	19.53	19.32		
3	64QAM	8	7	19.21	19.34	19.26		
3	64QAM	15	0	19.16	19.38	19.22		
3	256QAM	1	0	17.32	17.45	17.18	19	5
3	256QAM	1	8	17.43	17.49	17.21		
3	256QAM	1	14	17.44	17.54	17.25		
3	256QAM	8	0	17.44	17.40	17.39	19	5
3	256QAM	8	4	17.40	17.51	17.24		
3	256QAM	8	7	17.49	17.46	17.27		
3	256QAM	15	0	17.46	17.53	17.20		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.34	22.49	22.30	24	0
1.4	QPSK	1	3	22.43	22.50	22.29		
1.4	QPSK	1	5	22.31	22.35	22.26		
1.4	QPSK	3	0	22.35	22.48	22.27		
1.4	QPSK	3	1	22.30	22.39	22.26		
1.4	QPSK	3	3	22.34	22.47	22.30		
1.4	QPSK	6	0	21.39	21.62	21.47	23	1
1.4	16QAM	1	0	21.32	21.58	21.39	23	1
1.4	16QAM	1	3	21.47	21.52	21.40		
1.4	16QAM	1	5	21.54	21.54	21.32		
1.4	16QAM	3	0	21.40	21.42	21.31		
1.4	16QAM	3	1	21.49	21.54	21.28		
1.4	16QAM	3	3	21.43	21.62	21.29		
1.4	16QAM	6	0	20.33	20.42	20.51	22	2
1.4	64QAM	1	0	20.50	20.44	20.32	22	2
1.4	64QAM	1	3	20.38	20.38	20.36		
1.4	64QAM	1	5	20.49	20.60	20.30		
1.4	64QAM	3	0	20.37	20.52	20.23		
1.4	64QAM	3	1	20.50	20.39	20.39		
1.4	64QAM	3	3	20.57	20.65	20.27		
1.4	64QAM	6	0	19.59	19.62	19.37	21	3
1.4	256QAM	1	0	17.61	17.43	17.29	19	5
1.4	256QAM	1	3	17.41	17.48	17.35		
1.4	256QAM	1	5	17.56	17.58	17.24		
1.4	256QAM	3	0	17.62	17.43	17.51		
1.4	256QAM	3	1	17.43	17.59	17.31		
1.4	256QAM	3	3	17.59	17.53	17.51		
1.4	256QAM	6	0	17.54	17.46	17.26	19	5

Band 26 for FCC

BW [MHz]	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	22.57	22.70	22.56	24	0
15	QPSK	1	37	22.49	22.52	22.46		
15	QPSK	1	74	22.46	22.59	22.40		
15	QPSK	36	0	22.39	22.63	22.51	24	0
15	QPSK	36	20	22.54	22.57	22.47		
15	QPSK	36	39	22.50	22.60	22.53		
15	QPSK	75	0	22.53	22.58	22.40		
15	16QAM	1	0	22.48	22.58	22.49	24	0
15	16QAM	1	37	22.51	22.67	22.46		
15	16QAM	1	74	22.40	22.67	22.48		
15	16QAM	36	0	21.59	21.62	21.67	23	1
15	16QAM	36	20	21.52	21.57	21.50		
15	16QAM	36	39	21.57	21.81	21.56		
15	16QAM	75	0	21.54	21.69	21.63		
15	64QAM	1	0	21.72	21.57	21.60	23	1
15	64QAM	1	37	21.62	21.72	21.65		
15	64QAM	1	74	21.48	21.63	21.45		
15	64QAM	36	0	20.67	20.69	20.52	22	2
15	64QAM	36	20	20.42	20.64	20.41		
15	64QAM	36	39	20.52	20.81	20.70		
15	64QAM	75	0	20.43	20.74	20.43		
15	256QAM	1	0	18.49	18.65	18.48	20	4
15	256QAM	1	37	18.45	18.55	18.54		
15	256QAM	1	74	18.44	18.64	18.53		
15	256QAM	36	0	18.58	18.71	18.63	20	4
15	256QAM	36	20	18.61	18.68	18.62		
15	256QAM	36	39	18.62	18.57	18.61		
15	256QAM	75	0	18.58	18.57	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.46	22.65	22.49	24	0
10	QPSK	1	25	22.46	22.48	22.36		
10	QPSK	1	49	22.39	22.45	22.29		
10	QPSK	25	0	22.22	22.48	22.35	24	0
10	QPSK	25	12	22.39	22.42	22.37		
10	QPSK	25	25	22.39	22.44	22.40		
10	QPSK	50	0	22.46	22.44	22.27		
10	16QAM	1	0	22.40	22.43	22.32	24	0
10	16QAM	1	25	22.42	22.52	22.39		
10	16QAM	1	49	22.29	22.55	22.38		
10	16QAM	25	0	21.46	21.54	21.65	23	1
10	16QAM	25	12	21.44	21.48	21.45		
10	16QAM	25	25	21.49	21.69	21.49		
10	16QAM	50	0	21.49	21.52	21.49		
10	64QAM	1	0	21.64	21.44	21.57	23	1
10	64QAM	1	25	21.55	21.66	21.47		
10	64QAM	1	49	21.35	21.49	21.36		
10	64QAM	25	0	20.58	20.62	20.43	22	2
10	64QAM	25	12	20.37	20.53	20.33		
10	64QAM	25	25	20.35	20.74	20.53		
10	64QAM	50	0	20.34	20.60	20.36		
10	256QAM	1	0	18.33	18.55	18.33	20	4
10	256QAM	1	25	18.42	18.50	18.37		
10	256QAM	1	49	18.27	18.48	18.38		
10	256QAM	25	0	18.41	18.55	18.55	20	4
10	256QAM	25	12	18.48	18.66	18.50		
10	256QAM	25	25	18.53	18.53	18.46		
10	256QAM	50	0	18.55	18.51	18.32		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.68	22.41	24	0
5	QPSK	1	12	22.42	22.50	22.43		
5	QPSK	1	24	22.28	22.53	22.25		
5	QPSK	12	0	22.24	22.45	22.34	24	0
5	QPSK	12	7	22.37	22.47	22.45		
5	QPSK	12	13	22.47	22.58	22.37		
5	QPSK	25	0	22.47	22.51	22.23		
5	16QAM	1	0	22.44	22.48	22.45	24	0
5	16QAM	1	12	22.33	22.50	22.34		
5	16QAM	1	24	22.25	22.49	22.32		
5	16QAM	12	0	21.55	21.53	21.54	23	1
5	16QAM	12	7	21.36	21.45	21.37		
5	16QAM	12	13	21.40	21.74	21.38		
5	16QAM	25	0	21.48	21.56	21.56		
5	64QAM	1	0	21.55	21.47	21.44	23	1
5	64QAM	1	12	21.47	21.56	21.58		
5	64QAM	1	24	21.41	21.47	21.37		
5	64QAM	12	0	20.53	20.56	20.43	22	2
5	64QAM	12	7	20.32	20.57	20.39		
5	64QAM	12	13	20.42	20.78	20.57		
5	64QAM	25	0	20.37	20.68	20.37		
5	256QAM	1	0	18.34	18.61	18.32	20	4
5	256QAM	1	12	18.40	18.48	18.42		
5	256QAM	1	24	18.35	18.54	18.50		
5	256QAM	12	0	18.48	18.56	18.48	20	4
5	256QAM	12	7	18.55	18.60	18.45		
5	256QAM	12	13	18.47	18.52	18.48		
5	256QAM	25	0	18.51	18.40	18.38		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.54	22.52	22.54	24	0
3	QPSK	1	8	22.40	22.52	22.33		
3	QPSK	1	14	22.29	22.56	22.34		
3	QPSK	8	0	22.23	22.46	22.44	24	0
3	QPSK	8	4	22.40	22.54	22.33		
3	QPSK	8	7	22.36	22.53	22.45		
3	QPSK	15	0	22.46	22.45	22.31		
3	16QAM	1	0	22.40	22.46	22.39	24	0
3	16QAM	1	8	22.43	22.58	22.36		
3	16QAM	1	14	22.28	22.55	22.34		
3	16QAM	8	0	21.46	21.57	21.50	23	1
3	16QAM	8	4	21.37	21.44	21.36		
3	16QAM	8	7	21.39	21.71	21.44		
3	16QAM	15	0	21.40	21.64	21.60		
3	64QAM	1	0	21.56	21.49	21.46	23	1
3	64QAM	1	8	21.46	21.67	21.55		
3	64QAM	1	14	21.42	21.59	21.42		
3	64QAM	8	0	20.54	20.58	20.35	22	2
3	64QAM	8	4	20.24	20.60	20.26		
3	64QAM	8	7	20.50	20.65	20.62		
3	64QAM	15	0	20.40	20.64	20.25		
3	256QAM	1	0	18.39	18.55	18.36	20	4
3	256QAM	1	8	18.41	18.51	18.52		
3	256QAM	1	14	18.32	18.57	18.51		
3	256QAM	8	0	18.55	18.54	18.57	20	4
3	256QAM	8	4	18.51	18.51	18.48		
3	256QAM	8	7	18.49	18.54	18.56		
3	256QAM	15	0	18.40	18.50	18.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.40	22.59	22.54	24	0
1.4	QPSK	1	3	22.44	22.68	22.45		
1.4	QPSK	1	5	22.39	22.63	22.44		
1.4	QPSK	3	0	22.47	22.63	22.44		
1.4	QPSK	3	1	22.50	22.52	22.49		
1.4	QPSK	3	3	22.48	22.56	22.38		
1.4	QPSK	6	0	22.46	22.67	22.53	24	0
1.4	16QAM	1	0	22.50	22.67	22.43	24	0
1.4	16QAM	1	3	22.46	22.59	22.49		
1.4	16QAM	1	5	22.41	22.59	22.49		
1.4	16QAM	3	0	22.54	22.67	22.41		
1.4	16QAM	3	1	22.42	22.54	22.39		
1.4	16QAM	3	3	22.53	22.67	22.39		
1.4	16QAM	6	0	21.52	21.59	21.56	23	1
1.4	64QAM	1	0	21.47	21.83	21.65	23	1
1.4	64QAM	1	3	21.58	21.60	21.47		
1.4	64QAM	1	5	21.47	21.72	21.49		
1.4	64QAM	3	0	21.46	21.65	21.68		
1.4	64QAM	3	1	21.56	21.67	21.52		
1.4	64QAM	3	3	21.43	21.75	21.70		
1.4	64QAM	6	0	20.70	20.60	20.69	22	2
1.4	256QAM	1	0	18.50	18.69	18.65	20	4
1.4	256QAM	1	3	18.62	18.63	18.42		
1.4	256QAM	1	5	18.44	18.65	18.47		
1.4	256QAM	3	0	18.59	18.57	18.70		
1.4	256QAM	3	1	18.70	18.75	18.67		
1.4	256QAM	3	3	18.47	18.85	18.64		
1.4	256QAM	6	0	18.69	18.79	18.58	20	4

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0		21.71		23	0
10	QPSK	1	25		21.64			
10	QPSK	1	49		21.67			
10	QPSK	25	0		20.80		22	1
10	QPSK	25	12		20.59			
10	QPSK	25	25		20.79			
10	QPSK	50	0		20.78			
10	16QAM	1	0		20.77		22	1
10	16QAM	1	25		20.57			
10	16QAM	1	49		20.78			
10	16QAM	25	0		19.80		21	2
10	16QAM	25	12		19.79			
10	16QAM	25	25		19.82			
10	16QAM	50	0		19.86			
10	64QAM	1	0		19.77		21	2
10	64QAM	1	25		19.69			
10	64QAM	1	49		19.67			
10	64QAM	25	0		18.67		20	3
10	64QAM	25	12		18.83			
10	64QAM	25	25		18.70			
10	64QAM	50	0		18.83			
10	256QAM	1	0		16.75		18	5
10	256QAM	1	25		16.69			
10	256QAM	1	49		16.71			
10	256QAM	25	0		16.68		18	5
10	256QAM	25	12		16.76			
10	256QAM	25	25		16.71			
10	256QAM	50	0		16.86			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.56	21.56	21.55	23	0
5	QPSK	1	12	21.57	21.52	21.31		
5	QPSK	1	24	21.38	21.53	21.49		
5	QPSK	12	0	20.62	20.68	20.64	22	1
5	QPSK	12	7	20.55	20.50	20.39		
5	QPSK	12	13	20.58	20.62	20.45		
5	QPSK	25	0	20.60	20.62	20.50		
5	16QAM	1	0	20.51	20.60	20.64	22	1
5	16QAM	1	12	20.53	20.54	20.53		
5	16QAM	1	24	20.56	20.67	20.72		
5	16QAM	12	0	19.68	19.77	19.54	21	2
5	16QAM	12	7	19.51	19.66	19.62		
5	16QAM	12	13	19.54	19.66	19.53		
5	16QAM	25	0	19.69	19.78	19.57		
5	64QAM	1	0	19.73	19.73	19.65	21	2
5	64QAM	1	12	19.48	19.56	19.57		
5	64QAM	1	24	19.48	19.62	19.46		
5	64QAM	12	0	18.54	18.52	18.50	20	3
5	64QAM	12	7	18.62	18.72	18.61		
5	64QAM	12	13	18.50	18.58	18.45		
5	64QAM	25	0	18.51	18.75	18.44		
5	256QAM	1	0	16.40	16.60	16.42	18	5
5	256QAM	1	12	16.53	16.54	16.53		
5	256QAM	1	24	16.73	16.67	16.44		
5	256QAM	12	0	16.71	16.57	16.60	18	5
5	256QAM	12	7	16.61	16.72	16.54		
5	256QAM	12	13	16.60	16.65	16.48		
5	256QAM	25	0	16.57	16.72	16.62		

Band 66

BW [MHz]	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	22.58	22.65	22.56	24	0
20	QPSK	1	49	22.43	22.52	22.51		
20	QPSK	1	99	22.48	22.62	22.43		
20	QPSK	50	0	22.47	22.61	22.43	24	0
20	QPSK	50	24	22.47	22.51	22.46		
20	QPSK	50	50	22.51	22.58	22.53		
20	QPSK	100	0	22.41	22.54	22.52		
20	16QAM	1	0	22.53	22.59	22.47	24	0
20	16QAM	1	49	22.50	22.52	22.41		
20	16QAM	1	99	22.56	22.62	22.49		
20	16QAM	50	0	21.70	21.90	21.52	23	1
20	16QAM	50	24	21.71	21.73	21.44		
20	16QAM	50	50	21.45	21.77	21.63		
20	16QAM	100	0	21.63	21.75	21.46		
20	64QAM	1	0	21.48	21.72	21.58	23	1
20	64QAM	1	49	21.50	21.79	21.56		
20	64QAM	1	99	21.58	21.66	21.49		
20	64QAM	50	0	20.43	20.65	20.59	22	2
20	64QAM	50	24	20.45	20.52	20.56		
20	64QAM	50	50	20.72	20.50	20.57		
20	64QAM	100	0	20.68	20.66	20.45		
20	256QAM	1	0	18.63	18.54	18.45	20	4
20	256QAM	1	49	18.58	18.66	18.69		
20	256QAM	1	99	18.55	18.75	18.53		
20	256QAM	50	0	18.67	18.73	18.65	20	4
20	256QAM	50	24	18.59	18.63	18.60		
20	256QAM	50	50	18.53	18.78	18.64		
20	256QAM	100	0	18.66	18.77	18.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.48	22.56	22.48	24	0
15	QPSK	1	37	22.37	22.46	22.35		
15	QPSK	1	74	22.34	22.57	22.30		
15	QPSK	36	0	22.42	22.53	22.33	24	0
15	QPSK	36	20	22.39	22.34	22.35		
15	QPSK	36	39	22.32	22.43	22.44		
15	QPSK	75	0	22.33	22.41	22.45		
15	16QAM	1	0	22.42	22.52	22.30	24	0
15	16QAM	1	37	22.43	22.35	22.33		
15	16QAM	1	74	22.41	22.49	22.37		
15	16QAM	36	0	21.61	21.72	21.37	23	1
15	16QAM	36	20	21.66	21.70	21.32		
15	16QAM	36	39	21.39	21.71	21.60		
15	16QAM	75	0	21.52	21.68	21.38		
15	64QAM	1	0	21.41	21.64	21.50	23	1
15	64QAM	1	37	21.45	21.72	21.43		
15	64QAM	1	74	21.44	21.60	21.32		
15	64QAM	36	0	20.27	20.49	20.57	22	2
15	64QAM	36	20	20.35	20.40	20.44		
15	64QAM	36	39	20.62	20.43	20.42		
15	64QAM	75	0	20.64	20.55	20.39		
15	256QAM	1	0	18.47	18.36	18.40	20	4
15	256QAM	1	37	18.51	18.57	18.59		
15	256QAM	1	74	18.39	18.62	18.48		
15	256QAM	36	0	18.53	18.64	18.53	20	4
15	256QAM	36	20	18.48	18.48	18.48		
15	256QAM	36	39	18.47	18.70	18.50		
15	256QAM	75	0	18.58	18.67	18.49		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.43	22.50	22.52	24	0
10	QPSK	1	25	22.39	22.36	22.46		
10	QPSK	1	49	22.42	22.56	22.34		
10	QPSK	25	0	22.39	22.54	22.39	24	0
10	QPSK	25	12	22.44	22.43	22.30		
10	QPSK	25	25	22.47	22.53	22.50		
10	QPSK	50	0	22.38	22.49	22.50		
10	16QAM	1	0	22.40	22.49	22.31	24	0
10	16QAM	1	25	22.35	22.46	22.28		
10	16QAM	1	49	22.41	22.56	22.32		
10	16QAM	25	0	21.58	21.70	21.48	23	1
10	16QAM	25	12	21.63	21.68	21.37		
10	16QAM	25	25	21.42	21.62	21.46		
10	16QAM	50	0	21.52	21.72	21.43		
10	64QAM	1	0	21.41	21.59	21.54	23	1
10	64QAM	1	25	21.33	21.63	21.40		
10	64QAM	1	49	21.51	21.53	21.43		
10	64QAM	25	0	20.37	20.53	20.49	22	2
10	64QAM	25	12	20.36	20.48	20.42		
10	64QAM	25	25	20.60	20.40	20.41		
10	64QAM	50	0	20.60	20.58	20.42		
10	256QAM	1	0	18.53	18.48	18.41	20	4
10	256QAM	1	25	18.42	18.54	18.51		
10	256QAM	1	49	18.37	18.73	18.48		
10	256QAM	25	0	18.54	18.57	18.49	20	4
10	256QAM	25	12	18.44	18.51	18.50		
10	256QAM	25	25	18.39	18.65	18.53		
10	256QAM	50	0	18.48	18.75	18.50		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.52	22.49	22.42	24	0
5	QPSK	1	12	22.28	22.44	22.49		
5	QPSK	1	24	22.46	22.59	22.32		
5	QPSK	12	0	22.34	22.52	22.31	24	0
5	QPSK	12	7	22.41	22.48	22.43		
5	QPSK	12	13	22.39	22.47	22.39		
5	QPSK	25	0	22.39	22.40	22.40		
5	16QAM	1	0	22.44	22.44	22.38	24	0
5	16QAM	1	12	22.39	22.44	22.27		
5	16QAM	1	24	22.41	22.53	22.40		
5	16QAM	12	0	21.65	21.76	21.46	23	1
5	16QAM	12	7	21.57	21.59	21.35		
5	16QAM	12	13	21.30	21.69	21.54		
5	16QAM	25	0	21.60	21.66	21.32		
5	64QAM	1	0	21.35	21.55	21.51	23	1
5	64QAM	1	12	21.45	21.62	21.42		
5	64QAM	1	24	21.44	21.63	21.38		
5	64QAM	12	0	20.32	20.60	20.42	22	2
5	64QAM	12	7	20.34	20.36	20.54		
5	64QAM	12	13	20.68	20.36	20.44		
5	64QAM	25	0	20.64	20.58	20.42		
5	256QAM	1	0	18.57	18.48	18.40	20	4
5	256QAM	1	12	18.45	18.58	18.63		
5	256QAM	1	24	18.39	18.71	18.35		
5	256QAM	12	0	18.61	18.63	18.56	20	4
5	256QAM	12	7	18.46	18.55	18.42		
5	256QAM	12	13	18.42	18.64	18.61		
5	256QAM	25	0	18.58	18.65	18.42		
Channel				131982	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.49	22.56	22.47	24	0
3	QPSK	1	8	22.29	22.36	22.48		
3	QPSK	1	14	22.38	22.53	22.41		
3	QPSK	8	0	22.37	22.44	22.29	24	0
3	QPSK	8	4	22.30	22.42	22.37		
3	QPSK	8	7	22.39	22.53	22.35		
3	QPSK	15	0	22.30	22.36	22.38		
3	16QAM	1	0	22.45	22.44	22.43	24	0
3	16QAM	1	8	22.41	22.36	22.30		
3	16QAM	1	14	22.54	22.47	22.46		
3	16QAM	8	0	21.60	21.71	21.45	23	1
3	16QAM	8	4	21.54	21.56	21.29		
3	16QAM	8	7	21.36	21.73	21.60		
3	16QAM	15	0	21.48	21.63	21.40		
3	64QAM	1	0	21.38	21.68	21.56	23	1
3	64QAM	1	8	21.43	21.76	21.43		
3	64QAM	1	14	21.52	21.50	21.46		
3	64QAM	8	0	20.34	20.58	20.50	22	2
3	64QAM	8	4	20.33	20.36	20.44		
3	64QAM	8	7	20.56	20.44	20.40		
3	64QAM	15	0	20.53	20.57	20.30		
3	256QAM	1	0	18.57	18.45	18.33	20	4
3	256QAM	1	8	18.55	18.63	18.60		
3	256QAM	1	14	18.41	18.71	18.44		
3	256QAM	8	0	18.58	18.68	18.53	20	4
3	256QAM	8	4	18.43	18.45	18.53		
3	256QAM	8	7	18.43	18.72	18.61		
3	256QAM	15	0	18.63	18.61	18.41		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.48	22.56	22.46	24	0
1.4	QPSK	1	3	22.56	22.58	22.47		
1.4	QPSK	1	5	22.46	22.52	22.48		
1.4	QPSK	3	0	22.45	22.51	22.52		
1.4	QPSK	3	1	22.55	22.54	22.46		
1.4	QPSK	3	3	22.44	22.52	22.41		
1.4	QPSK	6	0	22.48	22.51	22.49	24	0
1.4	16QAM	1	0	22.51	22.60	22.47	24	0
1.4	16QAM	1	3	22.47	22.62	22.53		
1.4	16QAM	1	5	22.42	22.49	22.40		
1.4	16QAM	3	0	22.44	22.53	22.47		
1.4	16QAM	3	1	22.42	22.50	22.47		
1.4	16QAM	3	3	22.41	22.48	22.52		
1.4	16QAM	6	0	21.52	21.69	21.64	23	1
1.4	64QAM	1	0	21.69	21.65	21.67	23	1
1.4	64QAM	1	3	21.71	21.64	21.43		
1.4	64QAM	1	5	21.72	21.70	21.62		
1.4	64QAM	3	0	21.72	21.78	21.54		
1.4	64QAM	3	1	21.62	21.60	21.49		
1.4	64QAM	3	3	21.51	21.64	21.59		
1.4	64QAM	6	0	20.61	20.55	20.69	22	2
1.4	256QAM	1	0	18.48	18.64	18.55	20	4
1.4	256QAM	1	3	18.64	18.58	18.44		
1.4	256QAM	1	5	18.72	18.66	18.50		
1.4	256QAM	3	0	18.72	18.63	18.47		
1.4	256QAM	3	1	18.61	18.74	18.68		
1.4	256QAM	3	3	18.44	18.77	18.65		
1.4	256QAM	6	0	18.65	18.58	18.60	20	4

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.84	22.89	22.76	24	0
20	QPSK	1	49	22.78	22.76	22.68		
20	QPSK	1	99	22.66	22.79	22.71		
20	QPSK	50	0	22.70	22.87	22.63	24	0
20	QPSK	50	24	22.74	22.83	22.68		
20	QPSK	50	50	22.66	22.86	22.69		
20	QPSK	100	0	22.68	22.75	22.69		
20	16QAM	1	0	22.80	22.83	22.61	24	0
20	16QAM	1	49	22.76	22.76	22.64		
20	16QAM	1	99	22.74	22.75	22.68		
20	16QAM	50	0	21.71	21.76	21.71	23	1
20	16QAM	50	24	21.71	21.90	21.84		
20	16QAM	50	50	21.83	21.95	21.89		
20	16QAM	100	0	21.71	21.79	21.80		
20	64QAM	1	0	21.70	21.97	21.90	23	1
20	64QAM	1	49	21.90	21.87	21.86		
20	64QAM	1	99	21.87	21.78	21.90		
20	64QAM	50	0	20.86	20.90	20.72	22	2
20	64QAM	50	24	20.85	20.74	20.91		
20	64QAM	50	50	20.75	20.77	20.83		
20	64QAM	100	0	20.69	20.95	20.67		
20	256QAM	1	0	18.85	18.83	18.71	20	4
20	256QAM	1	49	18.87	18.82	18.75		
20	256QAM	1	99	18.93	18.85	18.71		
20	256QAM	50	0	18.87	18.76	18.72	20	4
20	256QAM	50	24	18.83	18.96	18.62		
20	256QAM	50	50	18.81	18.77	18.63		
20	256QAM	100	0	18.97	18.95	18.80		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.72	22.82	22.74	24	0
15	QPSK	1	37	22.65	22.64	22.55		
15	QPSK	1	74	22.48	22.62	22.54		
15	QPSK	36	0	22.52	22.76	22.57	24	0
15	QPSK	36	20	22.60	22.76	22.54		
15	QPSK	36	39	22.53	22.72	22.56		
15	QPSK	75	0	22.58	22.72	22.61		
15	16QAM	1	0	22.71	22.65	22.54	24	0
15	16QAM	1	37	22.61	22.69	22.52		
15	16QAM	1	74	22.62	22.66	22.60		
15	16QAM	36	0	21.56	21.60	21.65	23	1
15	16QAM	36	20	21.67	21.72	21.69		
15	16QAM	36	39	21.69	21.91	21.73		
15	16QAM	75	0	21.66	21.71	21.63		
15	64QAM	1	0	21.52	21.82	21.85	23	1
15	64QAM	1	37	21.73	21.80	21.80		
15	64QAM	1	74	21.77	21.61	21.78		
15	64QAM	36	0	20.77	20.86	20.69	22	2
15	64QAM	36	20	20.70	20.68	20.82		
15	64QAM	36	39	20.62	20.68	20.80		
15	64QAM	75	0	20.55	20.80	20.63		
15	256QAM	1	0	18.81	18.74	18.66	20	4
15	256QAM	1	37	18.69	18.75	18.63		
15	256QAM	1	74	18.80	18.80	18.66		
15	256QAM	36	0	18.77	18.63	18.66	20	4
15	256QAM	36	20	18.66	18.86	18.59		
15	256QAM	36	39	18.65	18.68	18.57		
15	256QAM	75	0	18.90	18.80	18.72		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.81	22.87	22.60	24	0
10	QPSK	1	25	22.73	22.71	22.54		
10	QPSK	1	49	22.53	22.62	22.65		
10	QPSK	25	0	22.55	22.79	22.55	24	0
10	QPSK	25	12	22.64	22.80	22.53		
10	QPSK	25	25	22.51	22.69	22.60		
10	QPSK	50	0	22.51	22.69	22.56		
10	16QAM	1	0	22.77	22.68	22.47	24	0
10	16QAM	1	25	22.68	22.63	22.52		
10	16QAM	1	49	22.72	22.63	22.61		
10	16QAM	25	0	21.53	21.69	21.58	23	1
10	16QAM	25	12	21.55	21.81	21.72		
10	16QAM	25	25	21.78	21.84	21.72		
10	16QAM	50	0	21.60	21.64	21.67		
10	64QAM	1	0	21.64	21.84	21.77	23	1
10	64QAM	1	25	21.76	21.78	21.70		
10	64QAM	1	49	21.71	21.69	21.74		
10	64QAM	25	0	20.81	20.74	20.66	22	2
10	64QAM	25	12	20.75	20.56	20.82		
10	64QAM	25	25	20.68	20.60	20.67		
10	64QAM	50	0	20.60	20.91	20.60		
10	256QAM	1	0	18.74	18.80	18.63	20	4
10	256QAM	1	25	18.80	18.79	18.67		
10	256QAM	1	49	18.81	18.82	18.65		
10	256QAM	25	0	18.79	18.62	18.68	20	4
10	256QAM	25	12	18.74	18.88	18.49		
10	256QAM	25	25	18.71	18.75	18.57		
10	256QAM	50	0	18.82	18.78	18.62		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.71	22.73	22.71	24	0
5	QPSK	1	12	22.62	22.61	22.61		
5	QPSK	1	24	22.64	22.65	22.57		
5	QPSK	12	0	22.62	22.80	22.57	24	0
5	QPSK	12	7	22.62	22.78	22.51		
5	QPSK	12	13	22.48	22.71	22.57		
5	QPSK	25	0	22.65	22.62	22.60		
5	16QAM	1	0	22.64	22.78	22.47	24	0
5	16QAM	1	12	22.71	22.65	22.54		
5	16QAM	1	24	22.67	22.64	22.56		
5	16QAM	12	0	21.65	21.73	21.57	23	1
5	16QAM	12	7	21.59	21.80	21.77		
5	16QAM	12	13	21.78	21.87	21.82		
5	16QAM	25	0	21.58	21.67	21.69		
5	64QAM	1	0	21.56	21.93	21.82	23	1
5	64QAM	1	12	21.79	21.84	21.73		
5	64QAM	1	24	21.75	21.71	21.84		
5	64QAM	12	0	20.79	20.76	20.57	22	2
5	64QAM	12	7	20.69	20.57	20.88		
5	64QAM	12	13	20.62	20.75	20.74		
5	64QAM	25	0	20.54	20.87	20.50		
5	256QAM	1	0	18.80	18.74	18.61	20	4
5	256QAM	1	12	18.77	18.67	18.65		
5	256QAM	1	24	18.88	18.80	18.63		
5	256QAM	12	0	18.71	18.63	18.66	20	4
5	256QAM	12	7	18.66	18.92	18.54		
5	256QAM	12	13	18.67	18.69	18.56		
5	256QAM	25	0	18.83	18.79	18.77		

Band 38

BW [MHz]	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	22.40	22.72	22.58	24	0
20	QPSK	1	49	22.37	22.69	22.43		
20	QPSK	1	99	22.32	22.68	22.49		
20	QPSK	50	0	22.30	22.69	22.45	24	0
20	QPSK	50	24	22.34	22.63	22.51		
20	QPSK	50	50	22.34	22.66	22.43		
20	QPSK	100	0	22.32	22.68	22.41		
20	16QAM	1	0	22.31	22.62	22.45	24	0
20	16QAM	1	49	22.32	22.59	22.46		
20	16QAM	1	99	22.28	22.66	22.53		
20	16QAM	50	0	21.54	21.70	21.67	23	1
20	16QAM	50	24	21.27	21.74	21.63		
20	16QAM	50	50	21.50	21.59	21.62		
20	16QAM	100	0	21.47	21.78	21.45		
20	64QAM	1	0	21.36	21.86	21.49	23	1
20	64QAM	1	49	21.52	21.79	21.61		
20	64QAM	1	99	21.42	21.61	21.71		
20	64QAM	50	0	20.48	20.76	20.70	22	2
20	64QAM	50	24	20.42	20.70	20.44		
20	64QAM	50	50	20.34	20.81	20.50		
20	64QAM	100	0	20.41	20.61	20.53		
20	256QAM	1	0	18.40	18.75	18.51	20	4
20	256QAM	1	49	18.39	18.83	18.50		
20	256QAM	1	99	18.40	18.67	18.53		
20	256QAM	50	0	18.44	18.76	18.55	20	4
20	256QAM	50	24	18.36	18.82	18.64		
20	256QAM	50	50	18.39	18.82	18.67		
20	256QAM	100	0	18.49	18.85	18.53		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.23	22.62	22.44	24	0
15	QPSK	1	37	22.28	22.55	22.27		
15	QPSK	1	74	22.24	22.63	22.33		
15	QPSK	36	0	22.20	22.57	22.30	24	0
15	QPSK	36	20	22.32	22.48	22.45		
15	QPSK	36	39	22.28	22.60	22.34		
15	QPSK	75	0	22.24	22.59	22.30		
15	16QAM	1	0	22.15	22.45	22.40	24	0
15	16QAM	1	37	22.30	22.50	22.32		
15	16QAM	1	74	22.16	22.50	22.41		
15	16QAM	36	0	21.39	21.59	21.64	23	1
15	16QAM	36	20	21.17	21.59	21.59		
15	16QAM	36	39	21.47	21.48	21.60		
15	16QAM	75	0	21.30	21.71	21.35		
15	64QAM	1	0	21.33	21.69	21.35	23	1
15	64QAM	1	37	21.46	21.67	21.48		
15	64QAM	1	74	21.27	21.58	21.59		
15	64QAM	36	0	20.38	20.67	20.54	22	2
15	64QAM	36	20	20.29	20.63	20.38		
15	64QAM	36	39	20.28	20.72	20.45		
15	64QAM	75	0	20.29	20.47	20.35		
15	256QAM	1	0	18.37	18.61	18.44	20	4
15	256QAM	1	37	18.35	18.76	18.37		
15	256QAM	1	74	18.34	18.56	18.44		
15	256QAM	36	0	18.37	18.71	18.50	20	4
15	256QAM	36	20	18.38	18.73	18.39		
15	256QAM	36	39	18.31	18.63	18.41		
15	256QAM	75	0	18.43	18.81	18.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.24	22.66	22.51	24	0
10	QPSK	1	25	22.21	22.55	22.26		
10	QPSK	1	49	22.28	22.53	22.38		
10	QPSK	25	0	22.13	22.52	22.33	24	0
10	QPSK	25	12	22.26	22.48	22.42		
10	QPSK	25	25	22.18	22.62	22.26		
10	QPSK	50	0	22.15	22.65	22.37		
10	16QAM	1	0	22.26	22.58	22.37	24	0
10	16QAM	1	25	22.19	22.45	22.38		
10	16QAM	1	49	22.15	22.60	22.39		
10	16QAM	25	0	21.51	21.54	21.52	23	1
10	16QAM	25	12	21.22	21.67	21.52		
10	16QAM	25	25	21.45	21.42	21.53		
10	16QAM	50	0	21.44	21.74	21.37		
10	64QAM	1	0	21.33	21.80	21.31	23	1
10	64QAM	1	25	21.36	21.74	21.55		
10	64QAM	1	49	21.34	21.55	21.56		
10	64QAM	25	0	20.41	20.63	20.57	22	2
10	64QAM	25	12	20.33	20.56	20.38		
10	64QAM	25	25	20.28	20.72	20.37		
10	64QAM	50	0	20.30	20.48	20.40		
10	256QAM	1	0	18.30	18.71	18.45	20	4
10	256QAM	1	25	18.25	18.66	18.45		
10	256QAM	1	49	18.35	18.62	18.44		
10	256QAM	25	0	18.35	18.68	18.40	20	4
10	256QAM	25	12	18.28	18.70	18.40		
10	256QAM	25	25	18.28	18.66	18.55		
10	256QAM	50	0	18.31	18.79	18.36		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.33	22.54	22.52	24	0
5	QPSK	1	12	22.31	22.65	22.29		
5	QPSK	1	24	22.27	22.51	22.41		
5	QPSK	12	0	22.18	22.58	22.34	24	0
5	QPSK	12	7	22.24	22.54	22.44		
5	QPSK	12	13	22.18	22.63	22.38		
5	QPSK	25	0	22.22	22.51	22.32		
5	16QAM	1	0	22.19	22.48	22.33	24	0
5	16QAM	1	12	22.20	22.46	22.43		
5	16QAM	1	24	22.26	22.61	22.38		
5	16QAM	12	0	21.47	21.53	21.54	23	1
5	16QAM	12	7	21.18	21.58	21.58		
5	16QAM	12	13	21.37	21.44	21.52		
5	16QAM	25	0	21.33	21.75	21.34		
5	64QAM	1	0	21.30	21.72	21.42	23	1
5	64QAM	1	12	21.45	21.65	21.47		
5	64QAM	1	24	21.25	21.48	21.54		
5	64QAM	12	0	20.46	20.71	20.65	22	2
5	64QAM	12	7	20.26	20.67	20.31		
5	64QAM	12	13	20.27	20.70	20.47		
5	64QAM	25	0	20.26	20.56	20.44		
5	256QAM	1	0	18.30	18.58	18.38	20	4
5	256QAM	1	12	18.31	18.74	18.35		
5	256QAM	1	24	18.34	18.59	18.37		
5	256QAM	12	0	18.31	18.64	18.41	20	4
5	256QAM	12	7	18.24	18.71	18.56		
5	256QAM	12	13	18.23	18.70	18.53		
5	256QAM	25	0	18.46	18.68	18.38		

Band 41

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	22.52	22.56	22.74	22.44	22.39	24	0
20	QPSK	1	49	22.39	22.48	22.64	22.37	22.29		
20	QPSK	1	99	22.50	22.52	22.69	22.34	22.29		
20	QPSK	50	0	22.47	22.53	22.70	22.36	22.32	24	0
20	QPSK	50	24	22.44	22.40	22.62	22.27	22.33		
20	QPSK	50	50	22.43	22.39	22.61	22.37	22.36		
20	QPSK	100	0	22.44	22.47	22.65	22.35	22.32		
20	16QAM	1	0	22.41	22.43	22.59	22.32	22.35	24	0
20	16QAM	1	49	22.47	22.48	22.68	22.31	22.23		
20	16QAM	1	99	22.49	22.46	22.62	22.26	22.30		
20	16QAM	50	0	21.65	21.45	21.79	21.32	21.45	23	1
20	16QAM	50	24	21.60	21.64	21.64	21.35	21.41		
20	16QAM	50	50	21.67	21.60	21.79	21.36	21.53		
20	16QAM	100	0	21.42	21.41	21.63	21.48	21.30		
20	64QAM	1	0	21.54	21.50	21.61	21.53	21.44	23	1
20	64QAM	1	49	21.54	21.56	21.68	21.33	21.37		
20	64QAM	1	99	21.58	21.49	21.66	21.43	21.54		
20	64QAM	50	0	20.63	20.59	20.59	20.48	20.36	22	2
20	64QAM	50	24	20.60	20.50	20.75	20.50	20.27		
20	64QAM	50	50	20.39	20.50	20.73	20.47	20.48		
20	64QAM	100	0	20.39	20.65	20.64	20.35	20.41		
20	256QAM	1	0	18.46	18.69	18.75	18.54	18.30	20	4
20	256QAM	1	49	18.63	18.57	18.62	18.44	18.33		
20	256QAM	1	99	18.43	18.48	18.71	18.30	18.52		
20	256QAM	50	0	18.57	18.63	18.73	18.38	18.38	20	4
20	256QAM	50	24	18.44	18.65	18.76	18.38	18.46		
20	256QAM	50	50	18.37	18.43	18.72	18.49	18.39		
20	256QAM	100	0	18.52	18.67	18.67	18.45	18.33		
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	22.38	22.52	22.63	22.39	22.31	24	0
15	QPSK	1	37	22.44	22.50	22.58	22.32	22.21		
15	QPSK	1	74	22.49	22.41	22.61	22.41	22.23		
15	QPSK	36	0	22.46	22.46	22.72	22.39	22.24	24	0
15	QPSK	36	20	22.41	22.42	22.61	22.35	22.22		
15	QPSK	36	39	22.37	22.50	22.63	22.31	22.27		
15	QPSK	75	0	22.30	22.44	22.56	22.29	22.18		
15	16QAM	1	0	22.37	22.27	22.49	22.15	22.17	24	0
15	16QAM	1	37	22.37	22.35	22.52	22.17	22.18		
15	16QAM	1	74	22.38	22.39	22.49	22.18	22.18		
15	16QAM	36	0	21.60	21.32	21.68	21.22	21.33	23	1
15	16QAM	36	20	21.57	21.47	21.60	21.28	21.31		
15	16QAM	36	39	21.52	21.48	21.66	21.29	21.49		
15	16QAM	75	0	21.25	21.28	21.60	21.31	21.20		
15	64QAM	1	0	21.40	21.38	21.56	21.47	21.40	23	1
15	64QAM	1	37	21.47	21.41	21.65	21.18	21.28		
15	64QAM	1	74	21.46	21.32	21.52	21.35	21.49		
15	64QAM	36	0	20.50	20.56	20.53	20.31	20.18	22	2
15	64QAM	36	20	20.54	20.35	20.58	20.35	20.21		
15	64QAM	36	39	20.29	20.41	20.58	20.31	20.43		
15	64QAM	75	0	20.33	20.52	20.59	20.20	20.25		
15	256QAM	1	0	18.30	18.54	18.58	18.42	18.25	20	4
15	256QAM	1	37	18.45	18.45	18.47	18.33	18.23		
15	256QAM	1	74	18.31	18.42	18.55	18.18	18.38		
15	256QAM	36	0	18.50	18.60	18.68	18.34	18.28	20	4
15	256QAM	36	20	18.35	18.54	18.69	18.21	18.29		
15	256QAM	36	39	18.20	18.26	18.59	18.42	18.23		
15	256QAM	75	0	18.47	18.57	18.49	18.34	18.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.41	22.41	22.64	22.29	22.22	24	0
10	QPSK	1	25	22.33	22.43	22.51	22.21	22.26		
10	QPSK	1	49	22.39	22.35	22.58	22.28	22.14		
10	QPSK	25	0	22.45	22.47	22.54	22.21	22.18	24	0
10	QPSK	25	12	22.27	22.37	22.54	22.11	22.29		
10	QPSK	25	25	22.30	22.29	22.50	22.29	22.26		
10	QPSK	50	0	22.28	22.41	22.50	22.25	22.16		
10	16QAM	1	0	22.27	22.31	22.44	22.15	22.32	24	0
10	16QAM	1	25	22.35	22.37	22.60	22.15	22.17		
10	16QAM	1	49	22.41	22.36	22.57	22.10	22.21		
10	16QAM	25	0	21.47	21.44	21.67	21.45	21.48	23	1
10	16QAM	25	12	21.56	21.53	21.71	21.49	21.43		
10	16QAM	25	25	21.60	21.48	21.59	21.51	21.53		
10	16QAM	50	0	21.27	21.25	21.54	21.36	21.14		
10	64QAM	1	0	21.43	21.38	21.47	21.51	21.39	23	1
10	64QAM	1	25	21.51	21.38	21.53	21.16	21.30		
10	64QAM	1	49	21.50	21.42	21.62	21.28	21.42		
10	64QAM	25	0	20.51	20.54	20.51	20.43	20.31	22	2
10	64QAM	25	12	20.51	20.43	20.67	20.45	20.17		
10	64QAM	25	25	20.36	20.45	20.67	20.41	20.45		
10	64QAM	50	0	20.27	20.48	20.53	20.28	20.29		
10	256QAM	1	0	18.44	18.52	18.66	18.49	18.25	20	4
10	256QAM	1	25	18.51	18.49	18.45	18.27	18.21		
10	256QAM	1	49	18.27	18.35	18.57	18.16	18.34		
10	256QAM	25	0	18.50	18.56	18.67	18.20	18.26	20	4
10	256QAM	25	12	18.32	18.55	18.69	18.30	18.37		
10	256QAM	25	25	18.30	18.28	18.54	18.36	18.26		
10	256QAM	50	0	18.35	18.54	18.58	18.37	18.29		
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	22.38	22.46	22.56	22.31	22.32	24	0
5	QPSK	1	12	22.22	22.40	22.48	22.22	22.25		
5	QPSK	1	24	22.37	22.47	22.66	22.23	22.21		
5	QPSK	12	0	22.42	22.38	22.56	22.23	22.25	24	0
5	QPSK	12	7	22.38	22.35	22.48	22.10	22.16		
5	QPSK	12	13	22.33	22.35	22.54	22.25	22.26		
5	QPSK	25	0	22.34	22.36	22.58	22.19	22.20		
5	16QAM	1	0	22.42	22.41	22.60	22.39	22.33	24	0
5	16QAM	1	12	22.37	22.47	22.71	22.31	22.34		
5	16QAM	1	24	22.49	22.39	22.61	22.33	22.22		
5	16QAM	12	0	21.50	21.42	21.65	21.27	21.41	23	1
5	16QAM	12	7	21.53	21.55	21.47	21.24	21.31		
5	16QAM	12	13	21.58	21.51	21.68	21.31	21.47		
5	16QAM	25	0	21.31	21.36	21.59	21.42	21.20		
5	64QAM	1	0	21.40	21.43	21.44	21.40	21.29	23	1
5	64QAM	1	12	21.50	21.47	21.56	21.25	21.33		
5	64QAM	1	24	21.55	21.46	21.51	21.30	21.37		
5	64QAM	12	0	20.55	20.52	20.53	20.40	20.20	22	2
5	64QAM	12	7	20.46	20.46	20.68	20.45	20.18		
5	64QAM	12	13	20.36	20.47	20.68	20.43	20.40		
5	64QAM	25	0	20.23	20.62	20.52	20.33	20.38		
5	256QAM	1	0	18.29	18.51	18.73	18.48	18.24	20	4
5	256QAM	1	12	18.49	18.45	18.58	18.39	18.27		
5	256QAM	1	24	18.30	18.45	18.61	18.27	18.35		
5	256QAM	12	0	18.53	18.54	18.55	18.35	18.33	20	4
5	256QAM	12	7	18.28	18.58	18.64	18.33	18.33		
5	256QAM	12	13	18.26	18.36	18.57	18.31	18.27		
5	256QAM	25	0	18.46	18.60	18.61	18.28	18.17		

Band 41 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	25.77	25.70	25.82	25.72	25.47	27	0
20	QPSK	1	49	25.67	25.52	25.70	25.67	25.35		
20	QPSK	1	99	25.62	25.59	25.76	25.68	25.37		
20	QPSK	50	0	25.63	25.59	25.80	25.66	25.39	27	0
20	QPSK	50	24	25.65	25.56	25.79	25.67	25.43		
20	QPSK	50	50	25.70	25.60	25.77	25.61	25.38		
20	QPSK	100	0	25.74	25.64	25.78	25.56	25.36		
20	16QAM	1	0	25.61	25.61	25.74	25.56	25.42	27	0
20	16QAM	1	49	25.65	25.53	25.74	25.67	25.30		
20	16QAM	1	99	25.74	25.54	25.69	25.67	25.37		
20	16QAM	50	0	24.83	24.67	24.79	24.83	24.35	26	1
20	16QAM	50	24	24.84	24.72	24.72	24.85	24.52		
20	16QAM	50	50	24.67	24.58	24.70	24.57	24.62		
20	16QAM	100	0	24.71	24.81	24.72	24.63	24.47		
20	64QAM	1	0	24.68	24.80	24.82	24.71	24.53	26	1
20	64QAM	1	49	24.87	24.58	24.80	24.76	24.57		
20	64QAM	1	99	24.69	24.80	24.96	24.71	24.50		
20	64QAM	50	0	23.86	23.76	23.80	23.82	23.37	25	2
20	64QAM	50	24	23.81	23.56	23.85	23.59	23.46		
20	64QAM	50	50	23.71	23.75	23.82	23.83	23.58		
20	64QAM	100	0	23.77	23.71	23.77	23.58	23.41		
20	256QAM	1	0	21.76	21.64	21.84	21.84	21.62	23	4
20	256QAM	1	49	21.84	21.58	21.92	21.72	21.51		
20	256QAM	1	99	21.82	21.80	21.83	21.84	21.47		
20	256QAM	50	0	21.64	21.78	21.85	21.85	21.52	23	4
20	256QAM	50	24	21.84	21.83	21.76	21.83	21.40		
20	256QAM	50	50	21.89	21.72	21.76	21.70	21.56		
20	256QAM	100	0	21.77	21.58	21.87	21.57	21.56		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.69	25.55	25.67	25.68	25.39	27	0
15	QPSK	1	37	25.54	25.50	25.67	25.55	25.28		
15	QPSK	1	74	25.52	25.49	25.67	25.65	25.24		
15	QPSK	36	0	25.46	25.41	25.66	25.61	25.26	27	0
15	QPSK	36	20	25.50	25.51	25.66	25.49	25.39		
15	QPSK	36	39	25.60	25.48	25.67	25.58	25.23		
15	QPSK	75	0	25.68	25.48	25.61	25.50	25.32		
15	16QAM	1	0	25.55	25.49	25.71	25.52	25.27	27	0
15	16QAM	1	37	25.53	25.48	25.63	25.63	25.21		
15	16QAM	1	74	25.61	25.44	25.51	25.56	25.26		
15	16QAM	36	0	24.73	24.70	24.72	24.79	24.56	26	1
15	16QAM	36	20	24.68	24.56	24.65	24.82	24.45		
15	16QAM	36	39	24.59	24.50	24.58	24.51	24.57		
15	16QAM	75	0	24.63	24.76	24.59	24.58	24.41		
15	64QAM	1	0	24.64	24.77	24.77	24.63	24.43	26	1
15	64QAM	1	37	24.75	24.55	24.74	24.66	24.51		
15	64QAM	1	74	24.51	24.73	24.79	24.66	24.43		
15	64QAM	36	0	23.62	23.57	23.68	23.85	23.52	25	2
15	64QAM	36	20	23.90	23.67	23.95	23.58	23.56		
15	64QAM	36	39	23.88	23.57	23.71	23.68	23.45		
15	64QAM	75	0	23.74	23.61	23.70	23.53	23.28		
15	256QAM	1	0	21.74	21.56	21.73	21.81	21.57	23	4
15	256QAM	1	37	21.81	21.43	21.85	21.54	21.42		
15	256QAM	1	74	21.68	21.77	21.69	21.71	21.39		
15	256QAM	36	0	21.49	21.66	21.78	21.73	21.37	23	4
15	256QAM	36	20	21.77	21.71	21.67	21.69	21.36		
15	256QAM	36	39	21.75	21.58	21.60	21.60	21.38		
15	256QAM	75	0	21.65	21.48	21.74	21.50	21.40		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	25.67	25.54	25.65	25.55	25.42	27	0
10	QPSK	1	25	25.51	25.50	25.63	25.50	25.18		
10	QPSK	1	49	25.46	25.56	25.68	25.54	25.20		
10	QPSK	25	0	25.50	25.47	25.63	25.50	25.27	27	0
10	QPSK	25	12	25.55	25.43	25.64	25.65	25.27		
10	QPSK	25	25	25.56	25.45	25.72	25.45	25.35		
10	QPSK	50	0	25.67	25.49	25.62	25.50	25.30		
10	16QAM	1	0	25.74	25.61	25.66	25.56	25.30	27	0
10	16QAM	1	25	25.61	25.57	25.74	25.65	25.37		
10	16QAM	1	49	25.64	25.47	25.56	25.62	25.30		
10	16QAM	25	0	24.85	24.59	24.86	24.76	24.58	26	1
10	16QAM	25	12	24.63	24.73	24.77	24.83	24.39		
10	16QAM	25	25	24.65	24.57	24.77	24.67	24.40		
10	16QAM	50	0	24.55	24.78	24.67	24.50	24.42		
10	64QAM	1	0	24.60	24.71	24.72	24.64	24.42	26	1
10	64QAM	1	25	24.76	24.44	24.71	24.70	24.47		
10	64QAM	1	49	24.63	24.75	24.79	24.61	24.41		
10	64QAM	25	0	23.70	23.63	23.74	23.64	23.27	25	2
10	64QAM	25	12	23.69	23.46	23.69	23.52	23.31		
10	64QAM	25	25	23.56	23.61	23.75	23.71	23.53		
10	64QAM	50	0	23.59	23.65	23.60	23.48	23.33		
10	256QAM	1	0	21.62	21.58	21.81	21.78	21.57	23	4
10	256QAM	1	25	21.72	21.47	21.80	21.59	21.47		
10	256QAM	1	49	21.73	21.68	21.70	21.70	21.31		
10	256QAM	25	0	21.56	21.62	21.82	21.78	21.48	23	4
10	256QAM	25	12	21.76	21.80	21.61	21.71	21.32		
10	256QAM	25	25	21.71	21.59	21.67	21.56	21.40		
10	256QAM	50	0	21.71	21.48	21.71	21.49	21.46		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.69	25.62	25.76	25.66	25.41	27	0
5	QPSK	1	12	25.51	25.47	25.58	25.58	25.27		
5	QPSK	1	24	25.59	25.57	25.65	25.52	25.33		
5	QPSK	12	0	25.60	25.53	25.66	25.63	25.32	27	0
5	QPSK	12	7	25.52	25.53	25.62	25.60	25.40		
5	QPSK	12	13	25.65	25.42	25.66	25.58	25.23		
5	QPSK	25	0	25.60	25.61	25.68	25.45	25.29		
5	16QAM	1	0	25.68	25.62	25.76	25.59	25.39	27	0
5	16QAM	1	12	25.69	25.68	25.73	25.55	25.45		
5	16QAM	1	24	25.74	25.60	25.76	25.58	25.44		
5	16QAM	12	0	24.63	24.74	24.78	24.73	24.33	26	1
5	16QAM	12	7	24.78	24.55	24.56	24.72	24.43		
5	16QAM	12	13	24.60	24.50	24.60	24.49	24.51		
5	16QAM	25	0	24.63	24.75	24.67	24.51	24.36		
5	64QAM	1	0	24.65	24.75	24.78	24.58	24.38	26	1
5	64QAM	1	12	24.69	24.41	24.67	24.64	24.44		
5	64QAM	1	24	24.53	24.77	24.82	24.66	24.38		
5	64QAM	12	0	23.71	23.66	23.75	23.72	23.30	25	2
5	64QAM	12	7	23.70	23.53	23.70	23.53	23.29		
5	64QAM	12	13	23.61	23.63	23.73	23.67	23.51		
5	64QAM	25	0	23.69	23.60	23.62	23.42	23.39		
5	256QAM	1	0	21.61	21.53	21.68	21.82	21.52	23	4
5	256QAM	1	12	21.80	21.50	21.86	21.61	21.40		
5	256QAM	1	24	21.64	21.75	21.75	21.80	21.42		
5	256QAM	12	0	21.55	21.64	21.70	21.80	21.48	23	4
5	256QAM	12	7	21.73	21.68	21.61	21.77	21.37		
5	256QAM	12	13	21.87	21.67	21.64	21.55	21.50		
5	256QAM	25	0	21.59	21.48	21.71	21.46	21.51		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.74	16.78	16.67	17	0
20	QPSK	1	49	16.62	16.70	16.54		
20	QPSK	1	99	16.69	16.68	16.51		
20	QPSK	50	0	15.60	15.85	15.68	16	1
20	QPSK	50	24	15.68	15.81	15.75		
20	QPSK	50	50	15.75	15.83	15.64		
20	QPSK	100	0	15.83	15.84	15.78		
20	16QAM	1	0	15.62	15.93	15.69	16	1
20	16QAM	1	49	15.85	15.73	15.77		
20	16QAM	1	99	15.70	15.89	15.70		
20	16QAM	50	0	14.71	14.67	14.76	15	2
20	16QAM	50	24	14.85	14.64	14.56		
20	16QAM	50	50	14.80	14.84	14.74		
20	16QAM	100	0	14.65	14.87	14.78		
20	64QAM	1	0	14.71	14.69	14.57	15	2
20	64QAM	1	49	14.81	14.76	14.59		
20	64QAM	1	99	14.86	14.84	14.59		
20	64QAM	50	0	13.84	13.69	13.73	14	3
20	64QAM	50	24	13.70	13.72	13.74		
20	64QAM	50	50	13.67	13.88	13.58		
20	64QAM	100	0	13.61	13.71	13.79		
20	256QAM	1	0	11.65	11.63	11.66	12	5
20	256QAM	1	49	11.89	11.92	11.56		
20	256QAM	1	99	11.80	11.64	11.69		
20	256QAM	50	0	11.76	11.90	11.70	12	5
20	256QAM	50	24	11.73	11.93	11.65		
20	256QAM	50	50	11.68	11.85	11.67		
20	256QAM	100	0	11.85	11.77	11.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.72	16.75	16.64	17	0
15	QPSK	1	37	16.57	16.54	16.40		
15	QPSK	1	74	16.64	16.65	16.35		
15	QPSK	36	0	15.44	15.74	15.56	16	1
15	QPSK	36	20	15.63	15.64	15.60		
15	QPSK	36	39	15.66	15.79	15.53		
15	QPSK	75	0	15.74	15.78	15.69		
15	16QAM	1	0	15.57	15.82	15.56	16	1
15	16QAM	1	37	15.78	15.64	15.63		
15	16QAM	1	74	15.62	15.83	15.53		
15	16QAM	36	0	14.54	14.61	14.61	15	2
15	16QAM	36	20	14.72	14.48	14.48		
15	16QAM	36	39	14.72	14.76	14.56		
15	16QAM	75	0	14.48	14.85	14.64		
15	64QAM	1	0	14.60	14.62	14.39	15	2
15	64QAM	1	37	14.70	14.60	14.50		
15	64QAM	1	74	14.74	14.81	14.55		
15	64QAM	36	0	13.68	13.56	13.62	14	3
15	64QAM	36	20	13.64	13.60	13.58		
15	64QAM	36	39	13.55	13.79	13.56		
15	64QAM	75	0	13.50	13.58	13.75		
15	256QAM	1	0	11.54	11.49	11.61	12	5
15	256QAM	1	37	11.84	11.77	11.48		
15	256QAM	1	74	11.71	11.46	11.59		
15	256QAM	36	0	11.59	11.80	11.53	12	5
15	256QAM	36	20	11.64	11.82	11.62		
15	256QAM	36	39	11.60	11.78	11.51		
15	256QAM	75	0	11.70	11.64	11.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.70	16.76	16.62	17	0
10	QPSK	1	25	16.55	16.62	16.46		
10	QPSK	1	49	16.64	16.53	16.46		
10	QPSK	25	0	15.50	15.77	15.61	16	1
10	QPSK	25	12	15.61	15.67	15.67		
10	QPSK	25	25	15.62	15.74	15.59		
10	QPSK	50	0	15.72	15.74	15.74		
10	16QAM	1	0	15.52	15.78	15.59	16	1
10	16QAM	1	25	15.73	15.65	15.61		
10	16QAM	1	49	15.56	15.77	15.67		
10	16QAM	25	0	14.61	14.60	14.71	15	2
10	16QAM	25	12	14.82	14.58	14.51		
10	16QAM	25	25	14.63	14.77	14.58		
10	16QAM	50	0	14.62	14.72	14.71		
10	64QAM	1	0	14.56	14.65	14.39	15	2
10	64QAM	1	25	14.77	14.62	14.42		
10	64QAM	1	49	14.82	14.74	14.46		
10	64QAM	25	0	13.74	13.60	13.62	14	3
10	64QAM	25	12	13.65	13.66	13.60		
10	64QAM	25	25	13.60	13.85	13.53		
10	64QAM	50	0	13.44	13.59	13.77		
10	256QAM	1	0	11.56	11.55	11.54	12	5
10	256QAM	1	25	11.76	11.89	11.49		
10	256QAM	1	49	11.63	11.49	11.60		
10	256QAM	25	0	11.69	11.77	11.52	12	5
10	256QAM	25	12	11.62	11.77	11.48		
10	256QAM	25	25	11.66	11.67	11.53		
10	256QAM	50	0	11.83	11.74	11.50		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.66	16.63	16.53	17	0
5	QPSK	1	12	16.50	16.59	16.40		
5	QPSK	1	24	16.53	16.60	16.41		
5	QPSK	12	0	15.56	15.78	15.64	16	1
5	QPSK	12	7	15.61	15.70	15.64		
5	QPSK	12	13	15.57	15.75	15.46		
5	QPSK	25	0	15.71	15.79	15.68		
5	16QAM	1	0	15.45	15.85	15.58	16	1
5	16QAM	1	12	15.79	15.64	15.66		
5	16QAM	1	24	15.67	15.73	15.53		
5	16QAM	12	0	14.57	14.59	14.65	15	2
5	16QAM	12	7	14.78	14.61	14.38		
5	16QAM	12	13	14.76	14.69	14.67		
5	16QAM	25	0	14.56	14.72	14.70		
5	64QAM	1	0	14.65	14.59	14.40	15	2
5	64QAM	1	12	14.74	14.65	14.42		
5	64QAM	1	24	14.81	14.66	14.56		
5	64QAM	12	0	13.70	13.63	13.59	14	3
5	64QAM	12	7	13.53	13.57	13.71		
5	64QAM	12	13	13.64	13.84	13.43		
5	64QAM	25	0	13.51	13.69	13.62		
5	256QAM	1	0	11.58	11.56	11.50	12	5
5	256QAM	1	12	11.78	11.86	11.52		
5	256QAM	1	24	11.64	11.46	11.57		
5	256QAM	12	0	11.61	11.72	11.60	12	5
5	256QAM	12	7	11.62	11.76	11.48		
5	256QAM	12	13	11.64	11.75	11.64		
5	256QAM	25	0	11.69	11.71	11.42		

Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.82	18.98	19.12	18.93	18.82	20	0
20	QPSK	1	49	18.73	18.81	19.01	18.83	18.67		
20	QPSK	1	99	18.77	18.91	18.98	18.86	18.73		
20	QPSK	50	0	17.77	18.03	18.13	17.92	17.92	19	1
20	QPSK	50	24	17.84	18.06	18.03	18.06	17.90		
20	QPSK	50	50	17.87	18.03	18.12	17.80	17.80		
20	QPSK	100	0	17.83	18.07	18.08	17.84	17.82		
20	16QAM	1	0	17.73	17.91	18.12	17.79	17.83	19	1
20	16QAM	1	49	17.97	18.01	18.08	17.79	17.94		
20	16QAM	1	99	17.73	17.94	18.15	17.91	17.69		
20	16QAM	50	0	16.82	16.96	17.20	16.92	16.83	18	2
20	16QAM	50	24	16.72	17.00	17.05	16.78	16.73		
20	16QAM	50	50	16.77	17.13	17.16	17.07	16.77		
20	16QAM	100	0	16.90	16.95	17.06	17.08	16.72		
20	64QAM	1	0	16.81	16.83	17.04	16.99	16.70	18	2
20	64QAM	1	49	16.74	17.04	17.03	16.80	16.81		
20	64QAM	1	99	16.97	17.02	17.19	17.04	16.88		
20	64QAM	50	0	15.71	16.09	16.13	15.90	15.87	17	3
20	64QAM	50	24	15.68	16.12	16.08	15.98	15.74		
20	64QAM	50	50	15.83	16.03	16.08	16.00	15.78		
20	64QAM	100	0	15.72	16.02	16.06	16.01	15.95		
20	256QAM	1	0	13.70	14.02	13.97	13.79	13.86	15	5
20	256QAM	1	49	13.95	14.01	14.17	13.79	13.85		
20	256QAM	1	99	13.96	13.83	14.00	13.94	13.68		
20	256QAM	50	0	13.74	14.04	13.98	13.84	13.81	15	5
20	256QAM	50	24	13.75	14.08	14.13	13.98	13.80		
20	256QAM	50	50	13.82	13.92	14.02	14.01	13.70		
20	256QAM	100	0	13.82	13.98	14.26	13.90	13.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.71	18.89	18.98	18.83	18.66	20	0
15	QPSK	1	37	18.63	18.67	18.86	18.70	18.58		
15	QPSK	1	74	18.66	18.88	18.94	18.81	18.64		
15	QPSK	36	0	17.70	18.01	18.00	17.79	17.87	19	1
15	QPSK	36	20	17.74	17.95	17.98	17.88	17.79		
15	QPSK	36	39	17.72	17.87	18.01	17.70	17.67		
15	QPSK	75	0	17.80	17.94	18.05	17.72	17.67		
15	16QAM	1	0	17.70	17.88	18.06	17.61	17.77	19	1
15	16QAM	1	37	17.79	17.97	17.99	17.76	17.83		
15	16QAM	1	74	17.69	17.77	17.98	17.73	17.57		
15	16QAM	36	0	16.72	16.87	17.04	16.88	16.71	18	2
15	16QAM	36	20	16.55	16.84	16.91	16.68	16.58		
15	16QAM	36	39	16.73	16.97	17.04	16.95	16.74		
15	16QAM	75	0	16.80	16.80	16.92	16.96	16.59		
15	64QAM	1	0	16.79	16.74	16.91	16.89	16.64	18	2
15	64QAM	1	37	16.70	16.94	16.98	16.74	16.75		
15	64QAM	1	74	16.79	16.95	17.02	17.01	16.76		
15	64QAM	36	0	15.94	15.95	16.26	16.07	15.93	17	3
15	64QAM	36	20	15.96	15.99	16.14	15.83	15.85		
15	64QAM	36	39	15.96	15.99	16.07	15.94	15.77		
15	64QAM	75	0	15.64	15.99	15.88	15.89	15.88		
15	256QAM	1	0	13.67	13.87	13.83	13.69	13.72	15	5
15	256QAM	1	37	13.80	13.98	14.05	13.63	13.69		
15	256QAM	1	74	13.91	13.75	13.89	13.89	13.61		
15	256QAM	36	0	13.69	13.98	13.84	13.74	13.73	15	5
15	256QAM	36	20	13.59	14.01	14.02	13.95	13.75		
15	256QAM	36	39	13.71	13.87	13.89	13.83	13.61		
15	256QAM	75	0	13.69	13.88	14.10	13.82	13.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.70	18.82	18.96	18.76	18.66	20	0
10	QPSK	1	25	18.60	18.73	18.94	18.79	18.52		
10	QPSK	1	49	18.62	18.82	18.95	18.77	18.57		
10	QPSK	25	0	17.62	17.98	18.01	17.82	17.86	19	1
10	QPSK	25	12	17.78	18.00	17.87	17.90	17.77		
10	QPSK	25	25	17.81	17.94	18.09	17.76	17.73		
10	QPSK	50	0	17.65	18.04	17.93	17.82	17.73		
10	16QAM	1	0	17.68	17.86	18.01	17.74	17.68	19	1
10	16QAM	1	25	17.86	17.85	18.03	17.69	17.76		
10	16QAM	1	49	17.55	17.85	18.05	17.84	17.66		
10	16QAM	25	0	16.73	16.89	17.05	16.77	16.77	18	2
10	16QAM	25	12	16.61	16.85	16.94	16.69	16.66		
10	16QAM	25	25	16.75	17.01	17.02	17.03	16.71		
10	16QAM	50	0	16.76	16.81	16.90	16.98	16.62		
10	64QAM	1	0	16.77	16.76	16.86	16.92	16.62	18	2
10	64QAM	1	25	16.62	16.87	16.99	16.64	16.70		
10	64QAM	1	49	16.91	16.97	17.10	16.86	16.70		
10	64QAM	25	0	15.63	16.02	16.04	15.80	15.75	17	3
10	64QAM	25	12	15.58	16.02	15.91	15.95	15.61		
10	64QAM	25	25	15.72	15.90	15.94	15.91	15.71		
10	64QAM	50	0	15.64	16.00	15.90	15.90	15.87		
10	256QAM	1	0	13.73	14.06	14.10	14.08	13.95	15	5
10	256QAM	1	25	13.77	14.02	14.21	13.84	13.80		
10	256QAM	1	49	13.93	14.05	14.15	13.96	13.76		
10	256QAM	25	0	13.65	13.96	13.96	13.80	13.78	15	5
10	256QAM	25	12	13.61	13.98	13.99	13.89	13.74		
10	256QAM	25	25	13.64	13.77	13.85	13.84	13.55		
10	256QAM	50	0	13.70	13.88	14.19	13.84	13.69		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.64	18.92	18.97	18.78	18.69	20	0
5	QPSK	1	12	18.69	18.77	18.91	18.68	18.62		
5	QPSK	1	24	18.63	18.81	18.81	18.74	18.58		
5	QPSK	12	0	17.63	17.88	18.05	17.75	17.78	19	1
5	QPSK	12	7	17.75	17.93	17.86	18.02	17.88		
5	QPSK	12	13	17.83	17.88	18.03	17.67	17.74		
5	QPSK	25	0	17.73	17.90	18.04	17.76	17.72		
5	16QAM	1	0	17.60	17.80	17.99	17.73	17.74	19	1
5	16QAM	1	12	17.91	17.93	18.05	17.67	17.79		
5	16QAM	1	24	17.68	17.80	17.99	17.87	17.65		
5	16QAM	12	0	16.76	17.06	17.18	16.79	16.75	18	2
5	16QAM	12	7	16.82	16.97	17.01	16.78	16.89		
5	16QAM	12	13	16.80	16.99	17.12	17.07	16.71		
5	16QAM	25	0	16.81	16.80	16.92	17.01	16.59		
5	64QAM	1	0	16.92	16.88	17.22	16.81	16.94	18	2
5	64QAM	1	12	16.97	17.09	17.23	17.08	16.73		
5	64QAM	1	24	16.94	17.03	17.03	17.01	16.91		
5	64QAM	12	0	15.66	16.03	16.06	15.74	15.70	17	3
5	64QAM	12	7	15.59	15.94	15.95	15.94	15.65		
5	64QAM	12	13	15.67	15.87	15.92	15.97	15.71		
5	64QAM	25	0	15.66	15.96	15.98	15.94	15.86		
5	256QAM	1	0	13.63	13.89	13.92	13.70	13.84	15	5
5	256QAM	1	12	13.85	13.91	14.12	13.72	13.80		
5	256QAM	1	24	13.89	13.79	13.92	13.82	13.65		
5	256QAM	12	0	13.69	13.99	13.88	13.70	13.63	15	5
5	256QAM	12	7	13.64	13.93	14.08	13.88	13.77		
5	256QAM	12	13	13.72	13.78	13.99	13.97	13.65		
5	256QAM	25	0	13.77	13.94	14.15	13.77	13.71		

Band 41 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.44	22.31	22.55	22.32	22.32	23	0
20	QPSK	1	49	22.30	22.14	22.40	22.22	22.16		
20	QPSK	1	99	22.29	22.18	22.46	22.29	22.16		
20	QPSK	50	0	21.59	21.19	21.68	21.28	21.46	22	1
20	QPSK	50	24	21.47	21.18	21.62	21.43	21.43		
20	QPSK	50	50	21.37	21.40	21.62	21.31	21.46		
20	QPSK	100	0	21.50	21.21	21.64	21.32	21.41		
20	16QAM	1	0	21.53	21.31	21.48	21.22	21.21	22	1
20	16QAM	1	49	21.54	21.40	21.62	21.34	21.44		
20	16QAM	1	99	21.46	21.20	21.41	21.30	21.36		
20	16QAM	50	0	20.45	20.26	20.58	20.23	20.28	21	2
20	16QAM	50	24	20.33	20.24	20.57	20.19	20.43		
20	16QAM	50	50	20.29	20.34	20.41	20.27	20.23		
20	16QAM	100	0	20.47	20.23	20.66	20.20	20.31		
20	64QAM	1	0	20.46	20.37	20.57	20.30	20.33	21	2
20	64QAM	1	49	20.38	20.20	20.62	20.20	20.22		
20	64QAM	1	99	20.55	20.18	20.41	20.30	20.28		
20	64QAM	50	0	19.42	19.34	19.64	19.36	19.42	20	3
20	64QAM	50	24	19.53	19.33	19.63	19.18	19.37		
20	64QAM	50	50	19.32	19.32	19.60	19.45	19.47		
20	64QAM	100	0	19.48	19.20	19.66	19.38	19.46		
20	256QAM	1	0	17.46	17.18	17.54	17.24	17.40	18	5
20	256QAM	1	49	17.36	17.32	17.41	17.24	17.22		
20	256QAM	1	99	17.31	17.29	17.64	17.23	17.44		
20	256QAM	50	0	17.40	17.20	17.52	17.25	17.29	18	5
20	256QAM	50	24	17.46	17.44	17.66	17.33	17.38		
20	256QAM	50	50	17.32	17.23	17.58	17.30	17.39		
20	256QAM	100	0	17.40	17.31	17.52	17.22	17.26		
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	22.28	22.29	22.42	22.17	22.29	23	0
15	QPSK	1	37	22.26	22.11	22.27	22.10	22.04		
15	QPSK	1	74	22.15	22.06	22.42	22.13	22.00		
15	QPSK	36	0	21.52	21.11	21.56	21.13	21.37	22	1
15	QPSK	36	20	21.32	21.08	21.47	21.31	21.34		
15	QPSK	36	39	21.30	21.22	21.51	21.22	21.39		
15	QPSK	75	0	21.39	21.07	21.49	21.30	21.31		
15	16QAM	1	0	21.35	21.19	21.36	21.11	21.18	22	1
15	16QAM	1	37	21.46	21.33	21.57	21.23	21.34		
15	16QAM	1	74	21.35	21.09	21.32	21.23	21.22		
15	16QAM	36	0	20.39	20.14	20.43	20.05	20.13	21	2
15	16QAM	36	20	20.19	20.20	20.51	20.07	20.39		
15	16QAM	36	39	20.24	20.19	20.36	20.18	20.11		
15	16QAM	75	0	20.43	20.14	20.61	20.17	20.21		
15	64QAM	1	0	20.41	20.26	20.51	20.25	20.20	21	2
15	64QAM	1	37	20.30	20.03	20.51	20.15	20.11		
15	64QAM	1	74	20.50	20.02	20.36	20.24	20.11		
15	64QAM	36	0	19.36	19.23	19.56	19.33	19.27	20	3
15	64QAM	36	20	19.42	19.24	19.52	19.13	19.20		
15	64QAM	36	39	19.16	19.14	19.51	19.27	19.40		
15	64QAM	75	0	19.36	19.09	19.56	19.27	19.37		
15	256QAM	1	0	17.35	17.08	17.36	17.16	17.26	18	5
15	256QAM	1	37	17.22	17.24	17.29	17.13	17.13		
15	256QAM	1	74	17.21	17.11	17.57	17.08	17.33		
15	256QAM	36	0	17.37	17.08	17.41	17.11	17.18	18	5
15	256QAM	36	20	17.35	17.37	17.54	17.28	17.22		
15	256QAM	36	39	17.29	17.07	17.50	17.14	17.30		
15	256QAM	75	0	17.23	17.14	17.43	17.17	17.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.32	22.14	22.38	22.15	22.18	23	0
10	QPSK	1	25	22.27	22.04	22.37	22.05	22.08		
10	QPSK	1	49	22.18	22.09	22.41	22.23	22.13		
10	QPSK	25	0	21.49	21.10	21.53	21.23	21.43	22	1
10	QPSK	25	12	21.40	21.10	21.58	21.35	21.26		
10	QPSK	25	25	21.21	21.33	21.45	21.21	21.39		
10	QPSK	50	0	21.35	21.07	21.56	21.29	21.37		
10	16QAM	1	0	21.39	21.13	21.31	21.18	21.10	22	1
10	16QAM	1	25	21.45	21.29	21.47	21.23	21.42		
10	16QAM	1	49	21.43	21.04	21.31	21.19	21.19		
10	16QAM	25	0	20.39	20.10	20.40	20.19	20.20	21	2
10	16QAM	25	12	20.28	20.17	20.54	20.11	20.39		
10	16QAM	25	25	20.22	20.27	20.36	20.09	20.13		
10	16QAM	50	0	20.43	20.18	20.50	20.05	20.23		
10	64QAM	1	0	20.32	20.43	20.60	20.45	20.35	21	2
10	64QAM	1	25	20.43	20.23	20.57	20.43	20.20		
10	64QAM	1	49	20.40	20.22	20.41	20.19	20.19		
10	64QAM	25	0	19.36	19.29	19.56	19.24	19.39	20	3
10	64QAM	25	12	19.49	19.20	19.55	19.11	19.27		
10	64QAM	25	25	19.17	19.23	19.54	19.31	19.36		
10	64QAM	50	0	19.45	19.13	19.60	19.31	19.34		
10	256QAM	1	0	17.30	17.07	17.50	17.09	17.33	18	5
10	256QAM	1	25	17.26	17.27	17.34	17.10	17.15		
10	256QAM	1	49	17.28	17.12	17.52	17.15	17.28		
10	256QAM	25	0	17.23	17.06	17.40	17.18	17.19	18	5
10	256QAM	25	12	17.34	17.30	17.56	17.15	17.22		
10	256QAM	25	25	17.27	17.20	17.51	17.21	17.30		
10	256QAM	50	0	17.30	17.17	17.48	17.13	17.11		
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	22.29	22.26	22.47	22.16	22.15	23	0
5	QPSK	1	12	22.23	22.02	22.37	22.07	22.02		
5	QPSK	1	24	22.15	22.13	22.44	22.23	22.02		
5	QPSK	12	0	21.51	21.13	21.59	21.15	21.32	22	1
5	QPSK	12	7	21.40	21.09	21.58	21.30	21.32		
5	QPSK	12	13	21.23	21.30	21.51	21.13	21.41		
5	QPSK	25	0	21.45	21.07	21.53	21.22	21.28		
5	16QAM	1	0	21.49	21.17	21.39	21.18	21.14	22	1
5	16QAM	1	12	21.36	21.32	21.54	21.32	21.42		
5	16QAM	1	24	21.32	21.12	21.26	21.23	21.27		
5	16QAM	12	0	20.35	20.11	20.45	20.19	20.17	21	2
5	16QAM	12	7	20.18	20.15	20.53	20.04	20.33		
5	16QAM	12	13	20.21	20.30	20.35	20.24	20.07		
5	16QAM	25	0	20.38	20.13	20.59	20.11	20.17		
5	64QAM	1	0	20.40	20.21	20.54	20.13	20.16	21	2
5	64QAM	1	12	20.35	20.11	20.49	20.09	20.11		
5	64QAM	1	24	20.40	20.04	20.26	20.25	20.16		
5	64QAM	12	0	19.28	19.30	19.56	19.27	19.27	20	3
5	64QAM	12	7	19.50	19.22	19.58	19.13	19.29		
5	64QAM	12	13	19.25	19.29	19.45	19.35	19.41		
5	64QAM	25	0	19.36	19.04	19.50	19.27	19.29		
5	256QAM	1	0	17.38	17.11	17.49	17.13	17.34	18	5
5	256QAM	1	12	17.34	17.22	17.38	17.15	17.10		
5	256QAM	1	24	17.16	17.23	17.53	17.11	17.29		
5	256QAM	12	0	17.37	17.33	17.51	17.44	17.33	18	5
5	256QAM	12	7	17.41	17.32	17.58	17.26	17.23		
5	256QAM	12	13	17.21	17.19	17.41	17.14	17.21		
5	256QAM	25	0	17.33	17.23	17.44	17.20	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.86	24.06	24.03	25	0
20	QPSK	1	49	23.74	23.93	23.85		
20	QPSK	1	99	23.72	23.95	23.99		
20	QPSK	50	0	22.80	23.17	23.00	24	1
20	QPSK	50	24	22.80	23.06	23.16		
20	QPSK	50	50	23.02	23.02	23.12		
20	QPSK	100	0	22.86	23.10	23.09		
20	16QAM	1	0	23.02	22.96	22.94	24	1
20	16QAM	1	49	22.93	23.09	23.04		
20	16QAM	1	99	22.87	23.02	22.99		
20	16QAM	50	0	21.79	22.15	22.00	23	2
20	16QAM	50	24	21.81	21.97	22.06		
20	16QAM	50	50	21.94	22.02	21.92		
20	16QAM	100	0	22.00	22.07	22.17		
20	64QAM	1	0	22.03	21.96	22.17	23	2
20	64QAM	1	49	21.81	22.20	21.92		
20	64QAM	1	99	21.87	22.12	21.90		
20	64QAM	50	0	20.99	21.10	21.04	22	3
20	64QAM	50	24	20.93	20.94	21.12		
20	64QAM	50	50	20.90	21.00	20.98		
20	64QAM	100	0	20.97	20.94	21.15		
20	256QAM	1	0	18.90	18.93	18.93	20	5
20	256QAM	1	49	18.97	19.14	19.15		
20	256QAM	1	99	18.89	18.94	18.92		
20	256QAM	50	0	18.97	19.11	18.90	20	5
20	256QAM	50	24	18.95	19.11	19.05		
20	256QAM	50	50	18.90	19.07	19.12		
20	256QAM	100	0	18.93	19.02	19.16		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.82	24.03	23.95	25	0
15	QPSK	1	37	23.66	23.88	23.72		
15	QPSK	1	74	23.61	23.85	23.87		
15	QPSK	36	0	22.69	23.06	22.85	24	1
15	QPSK	36	20	22.76	23.00	23.05		
15	QPSK	36	39	22.95	22.94	23.00		
15	QPSK	75	0	22.74	23.01	22.94		
15	16QAM	1	0	22.86	22.86	22.90	24	1
15	16QAM	1	37	22.88	22.93	22.95		
15	16QAM	1	74	22.70	22.91	22.87		
15	16QAM	36	0	21.76	22.00	21.98	23	2
15	16QAM	36	20	21.73	21.88	21.96		
15	16QAM	36	39	21.80	21.95	21.87		
15	16QAM	75	0	21.87	21.98	22.09		
15	64QAM	1	0	21.91	21.89	22.00	23	2
15	64QAM	1	37	21.67	22.16	21.84		
15	64QAM	1	74	21.71	21.95	21.83		
15	64QAM	36	0	20.87	21.01	20.97	22	3
15	64QAM	36	20	20.88	20.79	21.01		
15	64QAM	36	39	20.83	20.94	20.96		
15	64QAM	75	0	20.87	20.88	20.99		
15	256QAM	1	0	18.80	18.84	18.84	20	5
15	256QAM	1	37	18.91	19.05	18.99		
15	256QAM	1	74	18.86	18.83	18.88		
15	256QAM	36	0	18.89	19.07	18.74	20	5
15	256QAM	36	20	18.86	18.94	19.02		
15	256QAM	36	39	18.79	18.92	19.05		
15	256QAM	75	0	18.88	18.90	19.09		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.82	23.97	23.99	25	0
10	QPSK	1	25	23.66	23.84	23.72		
10	QPSK	1	49	23.69	23.90	23.82		
10	QPSK	25	0	22.71	23.02	22.92	24	1
10	QPSK	25	12	22.75	22.91	23.02		
10	QPSK	25	25	22.95	22.86	23.05		
10	QPSK	50	0	22.77	23.00	22.92		
10	16QAM	1	0	22.88	22.82	22.84	24	1
10	16QAM	1	25	22.80	22.98	22.95		
10	16QAM	1	49	22.76	22.88	22.85		
10	16QAM	25	0	21.64	22.05	21.83	23	2
10	16QAM	25	12	21.65	21.87	21.99		
10	16QAM	25	25	21.91	21.96	21.90		
10	16QAM	50	0	21.98	21.90	22.13		
10	64QAM	1	0	21.85	21.82	22.15	23	2
10	64QAM	1	25	21.75	22.10	21.76		
10	64QAM	1	49	21.71	21.99	21.73		
10	64QAM	25	0	20.84	20.94	20.99	22	3
10	64QAM	25	12	20.88	20.77	20.96		
10	64QAM	25	25	20.75	20.94	20.95		
10	64QAM	50	0	20.94	20.90	21.03		
10	256QAM	1	0	18.72	18.82	18.87	20	5
10	256QAM	1	25	18.92	19.10	19.05		
10	256QAM	1	49	18.72	18.88	18.87		
10	256QAM	25	0	18.81	18.97	18.82	20	5
10	256QAM	25	12	18.85	18.99	18.94		
10	256QAM	25	25	18.77	18.90	18.88		
10	256QAM	50	0	18.90	18.96	19.03		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.79	24.03	23.91	25	0
5	QPSK	1	12	23.60	23.88	23.70		
5	QPSK	1	24	23.58	23.83	23.87		
5	QPSK	12	0	22.73	23.09	22.87	24	1
5	QPSK	12	7	22.62	22.91	23.01		
5	QPSK	12	13	22.85	22.97	23.04		
5	QPSK	25	0	22.73	22.97	22.96		
5	16QAM	1	0	22.97	22.94	22.87	24	1
5	16QAM	1	12	22.86	22.99	22.95		
5	16QAM	1	24	22.82	22.99	22.89		
5	16QAM	12	0	21.63	22.09	21.95	23	2
5	16QAM	12	7	21.64	21.81	21.97		
5	16QAM	12	13	21.85	21.94	21.86		
5	16QAM	25	0	21.97	22.02	22.01		
5	64QAM	1	0	21.96	21.94	22.07	23	2
5	64QAM	1	12	21.69	22.17	21.87		
5	64QAM	1	24	21.76	22.06	21.84		
5	64QAM	12	0	20.85	21.04	21.02	22	3
5	64QAM	12	7	20.82	20.78	21.03		
5	64QAM	12	13	20.87	20.93	20.85		
5	64QAM	25	0	20.90	20.87	21.08		
5	256QAM	1	0	18.88	18.87	18.91	20	5
5	256QAM	1	12	18.81	19.12	19.00		
5	256QAM	1	24	18.75	18.78	18.81		
5	256QAM	12	0	18.91	19.00	18.82	20	5
5	256QAM	12	7	18.89	19.04	18.99		
5	256QAM	12	13	18.87	18.99	19.06		
5	256QAM	25	0	18.90	18.95	19.14		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3698		
20	QPSK	1	0	22.53	22.57	22.41	22.46	24	0
20	QPSK	1	49	22.42	22.51	22.33	22.32		
20	QPSK	1	99	22.38	22.47	22.26	22.36		
20	QPSK	50	0	22.39	22.55	22.36	22.29	24	0
20	QPSK	50	24	22.50	22.43	22.24	22.39		
20	QPSK	50	50	22.35	22.46	22.23	22.42		
20	QPSK	100	0	22.49	22.50	22.30	22.41		
20	16QAM	1	0	22.45	22.50	22.35	22.38	24	0
20	16QAM	1	49	22.35	22.40	22.33	22.37		
20	16QAM	1	99	22.49	22.53	22.26	22.39		
20	16QAM	50	0	21.64	21.45	21.31	21.52	23	1
20	16QAM	50	24	21.59	21.70	21.28	21.60		
20	16QAM	50	50	21.41	21.48	21.50	21.48		
20	16QAM	100	0	21.67	21.49	21.34	21.56		
20	64QAM	1	0	21.61	21.68	21.34	21.54	23	1
20	64QAM	1	49	21.67	21.51	21.38	21.50		
20	64QAM	1	99	21.45	21.71	21.38	21.49		
20	64QAM	50	0	20.51	20.58	20.55	20.48	22	2
20	64QAM	50	24	20.58	20.66	20.50	20.43		
20	64QAM	50	50	20.41	20.64	20.41	20.60		
20	64QAM	100	0	20.41	20.48	20.38	20.40		
20	256QAM	1	0	18.45	18.66	18.44	18.44	20	4
20	256QAM	1	49	18.60	18.71	18.41	18.51		
20	256QAM	1	99	18.51	18.48	18.50	18.60		
20	256QAM	50	0	18.46	18.47	18.44	18.41	20	4
20	256QAM	50	24	18.68	18.68	18.41	18.48		
20	256QAM	50	50	18.44	18.64	18.46	18.45		
20	256QAM	100	0	18.55	18.67	18.56	18.53		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	22.42	22.47	22.29	22.34	24	0
15	QPSK	1	37	22.35	22.48	22.24	22.27		
15	QPSK	1	74	22.23	22.43	22.09	22.25		
15	QPSK	36	0	22.32	22.42	22.28	22.27	24	0
15	QPSK	36	20	22.46	22.39	22.14	22.33		
15	QPSK	36	39	22.20	22.41	22.11	22.28		
15	QPSK	75	0	22.42	22.36	22.19	22.28		
15	16QAM	1	0	22.33	22.40	22.28	22.27	24	0
15	16QAM	1	37	22.25	22.24	22.24	22.28		
15	16QAM	1	74	22.31	22.41	22.14	22.23		
15	16QAM	36	0	21.50	21.27	21.28	21.44	23	1
15	16QAM	36	20	21.55	21.53	21.21	21.43		
15	16QAM	36	39	21.38	21.32	21.43	21.45		
15	16QAM	75	0	21.54	21.46	21.30	21.39		
15	64QAM	1	0	21.58	21.64	21.32	21.46	23	1
15	64QAM	1	37	21.60	21.37	21.28	21.43		
15	64QAM	1	74	21.31	21.53	21.25	21.32		
15	64QAM	36	0	20.34	20.44	20.43	20.42	22	2
15	64QAM	36	20	20.42	20.62	20.37	20.33		
15	64QAM	36	39	20.26	20.57	20.31	20.46		
15	64QAM	75	0	20.36	20.32	20.33	20.27		
15	256QAM	1	0	18.28	18.63	18.40	18.30	20	4
15	256QAM	1	37	18.54	18.61	18.38	18.41		
15	256QAM	1	74	18.41	18.44	18.34	18.44		
15	256QAM	36	0	18.42	18.37	18.30	18.38	20	4
15	256QAM	36	20	18.59	18.64	18.38	18.45		
15	256QAM	36	39	18.41	18.60	18.33	18.27		
15	256QAM	75	0	18.41	18.51	18.45	18.36		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3698		
10	QPSK	1	0	22.40	22.42	22.29	22.38	24	0
10	QPSK	1	25	22.27	22.40	22.15	22.22		
10	QPSK	1	49	22.32	22.29	22.17	22.24		
10	QPSK	25	0	22.30	22.42	22.20	22.26	24	0
10	QPSK	25	12	22.32	22.27	22.16	22.28		
10	QPSK	25	25	22.26	22.29	22.14	22.35		
10	QPSK	50	0	22.43	22.46	22.14	22.38		
10	16QAM	1	0	22.34	22.44	22.30	22.26	24	0
10	16QAM	1	25	22.22	22.29	22.27	22.23		
10	16QAM	1	49	22.42	22.50	22.13	22.26		
10	16QAM	25	0	21.49	21.34	21.19	21.37	23	1
10	16QAM	25	12	21.55	21.58	21.14	21.57		
10	16QAM	25	25	21.29	21.35	21.41	21.38		
10	16QAM	50	0	21.52	21.33	21.28	21.40		
10	64QAM	1	0	21.43	21.63	21.17	21.46	23	1
10	64QAM	1	25	21.61	21.40	21.36	21.36		
10	64QAM	1	49	21.42	21.64	21.22	21.43		
10	64QAM	25	0	20.44	20.48	20.37	20.31	22	2
10	64QAM	25	12	20.51	20.63	20.46	20.36		
10	64QAM	25	25	20.28	20.57	20.24	20.49		
10	64QAM	50	0	20.28	20.43	20.35	20.28		
10	256QAM	1	0	18.37	18.51	18.27	18.32	20	4
10	256QAM	1	25	18.49	18.54	18.34	18.43		
10	256QAM	1	49	18.42	18.32	18.34	18.58		
10	256QAM	25	0	18.40	18.32	18.42	18.39	20	4
10	256QAM	25	12	18.61	18.62	18.30	18.45		
10	256QAM	25	25	18.38	18.60	18.28	18.28		
10	256QAM	50	0	18.50	18.65	18.49	18.46		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	22.38	22.51	22.27	22.28	24	0
5	QPSK	1	12	22.26	22.46	22.20	22.15		
5	QPSK	1	24	22.36	22.33	22.12	22.32		
5	QPSK	12	0	22.21	22.44	22.27	22.26	24	0
5	QPSK	12	7	22.38	22.40	22.11	22.37		
5	QPSK	12	13	22.19	22.30	22.20	22.39		
5	QPSK	25	0	22.39	22.33	22.28	22.24		
5	16QAM	1	0	22.37	22.33	22.27	22.32	24	0
5	16QAM	1	12	22.30	22.32	22.25	22.27		
5	16QAM	1	24	22.43	22.48	22.13	22.34		
5	16QAM	12	0	21.55	21.37	21.19	21.38	23	1
5	16QAM	12	7	21.57	21.58	21.12	21.55		
5	16QAM	12	13	21.33	21.40	21.40	21.39		
5	16QAM	25	0	21.57	21.38	21.16	21.53		
5	64QAM	1	0	21.57	21.62	21.18	21.37	23	1
5	64QAM	1	12	21.52	21.35	21.35	21.44		
5	64QAM	1	24	21.30	21.66	21.28	21.35		
5	64QAM	12	0	20.43	20.40	20.38	20.42	22	2
5	64QAM	12	7	20.53	20.56	20.34	20.33		
5	64QAM	12	13	20.31	20.60	20.29	20.49		
5	64QAM	25	0	20.38	20.32	20.24	20.31		
5	256QAM	1	0	18.34	18.55	18.29	18.27	20	4
5	256QAM	1	12	18.45	18.65	18.30	18.38		
5	256QAM	1	24	18.34	18.36	18.38	18.48		
5	256QAM	12	0	18.39	18.41	18.32	18.34	20	4
5	256QAM	12	7	18.50	18.64	18.28	18.41		
5	256QAM	12	13	18.32	18.49	18.34	18.35		
5	256QAM	25	0	18.46	18.51	18.46	18.40		

Band 38

BW [MHz]	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	22.79	22.83	22.74	24	0
20	QPSK	1	49	22.64	22.78	22.70		
20	QPSK	1	99	22.66	22.77	22.57		
20	QPSK	50	0	21.83	21.94	21.82	23	1
20	QPSK	50	24	21.88	21.69	21.83		
20	QPSK	50	50	21.69	21.92	21.65		
20	QPSK	100	0	21.91	21.92	21.83		
20	16QAM	1	0	21.76	21.69	21.67	23	1
20	16QAM	1	49	21.69	21.83	21.68		
20	16QAM	1	99	21.68	21.77	21.69		
20	16QAM	50	0	20.80	20.91	20.85	22	2
20	16QAM	50	24	20.89	20.90	20.83		
20	16QAM	50	50	20.79	20.87	20.75		
20	16QAM	100	0	20.69	20.78	20.65		
20	64QAM	1	0	20.84	20.73	20.82	22	2
20	64QAM	1	49	20.74	20.94	20.86		
20	64QAM	1	99	20.66	20.91	20.73		
20	64QAM	50	0	19.83	19.86	19.86	21	3
20	64QAM	50	24	19.87	19.93	19.76		
20	64QAM	50	50	19.75	19.85	19.74		
20	64QAM	100	0	19.89	19.80	19.80		
20	256QAM	1	0	17.72	17.89	17.61	19	5
20	256QAM	1	49	17.73	17.74	17.85		
20	256QAM	1	99	17.92	17.74	17.80		
20	256QAM	50	0	17.76	17.92	17.64	19	5
20	256QAM	50	24	17.71	17.89	17.64		
20	256QAM	50	50	17.89	17.71	17.69		
20	256QAM	100	0	17.70	17.86	17.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.73	22.69	22.69	24	0
15	QPSK	1	37	22.48	22.68	22.68		
15	QPSK	1	74	22.62	22.75	22.41		
15	QPSK	36	0	21.68	21.80	21.74	23	1
15	QPSK	36	20	21.70	21.65	21.78		
15	QPSK	36	39	21.51	21.83	21.51		
15	QPSK	75	0	21.82	21.84	21.80		
15	16QAM	1	0	21.72	21.52	21.52	23	1
15	16QAM	1	37	21.53	21.68	21.56		
15	16QAM	1	74	21.56	21.67	21.55		
15	16QAM	36	0	20.66	20.88	20.71	22	2
15	16QAM	36	20	20.78	20.77	20.66		
15	16QAM	36	39	20.72	20.72	20.59		
15	16QAM	75	0	20.58	20.74	20.47		
15	64QAM	1	0	20.77	20.70	20.72	22	2
15	64QAM	1	37	20.64	20.82	20.80		
15	64QAM	1	74	20.61	20.83	20.61		
15	64QAM	36	0	19.74	19.76	19.76	21	3
15	64QAM	36	20	19.83	19.83	19.68		
15	64QAM	36	39	19.72	19.71	19.69		
15	64QAM	75	0	19.81	19.69	19.77		
15	256QAM	1	0	17.63	17.74	17.57	19	5
15	256QAM	1	37	17.56	17.64	17.80		
15	256QAM	1	74	17.82	17.62	17.65		
15	256QAM	36	0	17.66	17.87	17.62	19	5
15	256QAM	36	20	17.68	17.74	17.61		
15	256QAM	36	39	17.81	17.54	17.60		
15	256QAM	75	0	17.61	17.76	17.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.68	22.74	22.58	24	0
10	QPSK	1	25	22.60	22.69	22.66		
10	QPSK	1	49	22.60	22.63	22.44		
10	QPSK	25	0	21.70	21.89	21.64	23	1
10	QPSK	25	12	21.73	21.51	21.69		
10	QPSK	25	25	21.64	21.75	21.58		
10	QPSK	50	0	21.78	21.77	21.71		
10	16QAM	1	0	21.66	21.64	21.50	23	1
10	16QAM	1	25	21.60	21.80	21.62		
10	16QAM	1	49	21.63	21.62	21.57		
10	16QAM	25	0	20.70	20.86	20.80	22	2
10	16QAM	25	12	20.79	20.86	20.80		
10	16QAM	25	25	20.66	20.85	20.68		
10	16QAM	50	0	20.55	20.61	20.51		
10	64QAM	1	0	20.82	20.62	20.80	22	2
10	64QAM	1	25	20.71	20.81	20.74		
10	64QAM	1	49	20.58	20.89	20.68		
10	64QAM	25	0	19.68	19.84	19.84	21	3
10	64QAM	25	12	19.71	19.83	19.64		
10	64QAM	25	25	19.61	19.76	19.65		
10	64QAM	50	0	19.81	19.76	19.74		
10	256QAM	1	0	17.59	17.83	17.50	19	5
10	256QAM	1	25	17.59	17.70	17.73		
10	256QAM	1	49	17.86	17.67	17.67		
10	256QAM	25	0	17.61	17.89	17.56	19	5
10	256QAM	25	12	17.69	17.83	17.54		
10	256QAM	25	25	17.77	17.56	17.64		
10	256QAM	50	0	17.53	17.79	17.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.76	22.70	22.61	24	0
5	QPSK	1	12	22.55	22.65	22.55		
5	QPSK	1	24	22.54	22.72	22.48		
5	QPSK	12	0	21.77	21.90	21.79	23	1
5	QPSK	12	7	21.82	21.62	21.69		
5	QPSK	12	13	21.66	21.81	21.55		
5	QPSK	25	0	21.82	21.87	21.80		
5	16QAM	1	0	21.70	21.56	21.64	23	1
5	16QAM	1	12	21.52	21.68	21.57		
5	16QAM	1	24	21.51	21.68	21.57		
5	16QAM	12	0	20.66	20.84	20.80	22	2
5	16QAM	12	7	20.81	20.74	20.78		
5	16QAM	12	13	20.65	20.75	20.63		
5	16QAM	25	0	20.62	20.70	20.55		
5	64QAM	1	0	20.67	20.64	20.79	22	2
5	64QAM	1	12	20.69	20.84	20.81		
5	64QAM	1	24	20.52	20.88	20.58		
5	64QAM	12	0	19.71	19.76	19.74	21	3
5	64QAM	12	7	19.82	19.87	19.61		
5	64QAM	12	13	19.62	19.69	19.71		
5	64QAM	25	0	19.80	19.72	19.64		
5	256QAM	1	0	17.69	17.84	17.54	19	5
5	256QAM	1	12	17.65	17.59	17.71		
5	256QAM	1	24	17.79	17.61	17.76		
5	256QAM	12	0	17.60	17.89	17.49	19	5
5	256QAM	12	7	17.58	17.80	17.51		
5	256QAM	12	13	17.77	17.57	17.64		
5	256QAM	25	0	17.64	17.71	17.56		

Band 41

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	21.36	21.42	21.48	21.44	21.28	23	0
20	QPSK	1	49	21.24	21.31	21.44	21.31	21.18		
20	QPSK	1	99	21.24	21.39	21.33	21.32	21.10		
20	QPSK	50	0	20.29	20.40	20.53	20.50	20.14	22	1
20	QPSK	50	24	20.36	20.40	20.42	20.41	20.23		
20	QPSK	50	50	20.32	20.47	20.43	20.34	20.35		
20	QPSK	100	0	20.46	20.41	20.47	20.36	20.15		
20	16QAM	1	0	20.42	20.53	20.56	20.32	20.31	22	1
20	16QAM	1	49	20.36	20.29	20.40	20.41	20.37		
20	16QAM	1	99	20.43	20.35	20.40	20.37	20.24		
20	16QAM	50	0	19.24	19.34	19.50	19.50	19.21	21	2
20	16QAM	50	24	19.32	19.47	19.34	19.58	19.35		
20	16QAM	50	50	19.39	19.28	19.33	19.40	19.34		
20	16QAM	100	0	19.28	19.44	19.34	19.44	19.39		
20	64QAM	1	0	19.41	19.54	19.62	19.45	19.22	21	2
20	64QAM	1	49	19.40	19.56	19.61	19.39	19.15		
20	64QAM	1	99	19.43	19.43	19.50	19.51	19.31		
20	64QAM	50	0	18.39	18.38	18.58	18.44	18.39	20	3
20	64QAM	50	24	18.30	18.51	18.62	18.58	18.30		
20	64QAM	50	50	18.24	18.35	18.40	18.53	18.23		
20	64QAM	100	0	18.25	18.54	18.51	18.48	18.28		
20	256QAM	1	0	16.36	16.42	16.44	16.30	16.14	18	5
20	256QAM	1	49	16.50	16.50	16.42	16.43	16.24		
20	256QAM	1	99	16.40	16.41	16.59	16.53	16.22		
20	256QAM	50	0	16.41	16.40	16.54	16.55	16.18	18	5
20	256QAM	50	24	16.24	16.37	16.52	16.38	16.16		
20	256QAM	50	50	16.22	16.40	16.35	16.48	16.17		
20	256QAM	100	0	16.24	16.53	16.59	16.31	16.23		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.30	21.29	21.44	21.39	21.19	23	0
15	QPSK	1	37	21.13	21.15	21.36	21.28	21.04		
15	QPSK	1	74	21.13	21.21	21.30	21.20	21.03		
15	QPSK	36	0	20.13	20.27	20.43	20.37	20.03	22	1
15	QPSK	36	20	20.22	20.23	20.26	20.34	20.16		
15	QPSK	36	39	20.16	20.42	20.31	20.22	20.26		
15	QPSK	75	0	20.34	20.28	20.36	20.33	20.05		
15	16QAM	1	0	20.39	20.38	20.50	20.25	20.27	22	1
15	16QAM	1	37	20.32	20.18	20.33	20.28	20.32		
15	16QAM	1	74	20.39	20.30	20.36	20.30	20.14		
15	16QAM	36	0	19.20	19.22	19.47	19.45	19.04	21	2
15	16QAM	36	20	19.17	19.35	19.30	19.49	19.20		
15	16QAM	36	39	19.27	19.15	19.25	19.27	19.17		
15	16QAM	75	0	19.26	19.33	19.29	19.27	19.23		
15	64QAM	1	0	19.23	19.33	19.55	19.33	19.36	21	2
15	64QAM	1	37	19.38	19.37	19.44	19.57	19.26		
15	64QAM	1	74	19.29	19.39	19.35	19.41	19.28		
15	64QAM	36	0	18.29	18.34	18.50	18.42	18.32	20	3
15	64QAM	36	20	18.19	18.35	18.52	18.42	18.23		
15	64QAM	36	39	18.12	18.32	18.36	18.49	18.17		
15	64QAM	75	0	18.10	18.46	18.38	18.42	18.20		
15	256QAM	1	0	16.33	16.30	16.36	16.18	16.11	18	5
15	256QAM	1	37	16.37	16.41	16.32	16.38	16.18		
15	256QAM	1	74	16.26	16.38	16.50	16.40	16.16		
15	256QAM	36	0	16.38	16.31	16.42	16.38	16.06	18	5
15	256QAM	36	20	16.15	16.26	16.43	16.35	16.05		
15	256QAM	36	39	16.06	16.30	16.27	16.30	16.12		
15	256QAM	75	0	16.20	16.36	16.53	16.17	16.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.27	21.27	21.46	21.31	21.21	23	0
10	QPSK	1	25	21.16	21.22	21.38	21.19	21.15		
10	QPSK	1	49	21.11	21.26	21.18	21.18	21.07		
10	QPSK	25	0	20.21	20.33	20.36	20.44	20.03	22	1
10	QPSK	25	12	20.29	20.27	20.32	20.27	20.16		
10	QPSK	25	25	20.29	20.41	20.39	20.24	20.24		
10	QPSK	50	0	20.39	20.37	20.43	20.24	20.12		
10	16QAM	1	0	20.40	20.40	20.47	20.19	20.20	22	1
10	16QAM	1	25	20.31	20.26	20.23	20.26	20.24		
10	16QAM	1	49	20.40	20.29	20.24	20.25	20.09		
10	16QAM	25	0	19.07	19.20	19.38	19.48	19.05	21	2
10	16QAM	25	12	19.19	19.37	19.18	19.53	19.31		
10	16QAM	25	25	19.30	19.11	19.27	19.31	19.32		
10	16QAM	50	0	19.17	19.38	19.27	19.28	19.32		
10	64QAM	1	0	19.34	19.53	19.41	19.31	19.35	21	2
10	64QAM	1	25	19.42	19.50	19.33	19.33	19.23		
10	64QAM	1	49	19.29	19.48	19.53	19.57	19.29		
10	64QAM	25	0	18.37	18.32	18.50	18.36	18.24	20	3
10	64QAM	25	12	18.12	18.46	18.50	18.42	18.27		
10	64QAM	25	25	18.19	18.25	18.31	18.46	18.08		
10	64QAM	50	0	18.16	18.42	18.46	18.43	18.15		
10	256QAM	1	0	16.30	16.34	16.41	16.17	16.09	18	5
10	256QAM	1	25	16.45	16.37	16.36	16.28	16.10		
10	256QAM	1	49	16.23	16.37	16.54	16.43	16.05		
10	256QAM	25	0	16.30	16.24	16.36	16.47	16.05	18	5
10	256QAM	25	12	16.07	16.32	16.39	16.31	16.03		
10	256QAM	25	25	16.19	16.36	16.18	16.33	16.09		
10	256QAM	50	0	16.08	16.42	16.41	16.15	16.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.20	21.34	21.37	21.40	21.25	23	0
5	QPSK	1	12	21.18	21.22	21.29	21.26	21.03		
5	QPSK	1	24	21.17	21.29	21.18	21.28	21.26		
5	QPSK	12	0	20.23	20.23	20.40	20.42	20.02	22	1
5	QPSK	12	7	20.20	20.36	20.28	20.28	20.19		
5	QPSK	12	13	20.25	20.37	20.38	20.31	20.21		
5	QPSK	25	0	20.35	20.31	20.39	20.29	20.01		
5	16QAM	1	0	20.34	20.40	20.39	20.16	20.24	22	1
5	16QAM	1	12	20.21	20.21	20.26	20.34	20.28		
5	16QAM	1	24	20.30	20.18	20.37	20.26	20.15		
5	16QAM	12	0	19.09	19.18	19.46	19.34	19.09	21	2
5	16QAM	12	7	19.17	19.29	19.21	19.40	19.22		
5	16QAM	12	13	19.26	19.11	19.22	19.31	19.19		
5	16QAM	25	0	19.13	19.36	19.31	19.37	19.34		
5	64QAM	1	0	19.48	19.49	19.52	19.45	19.24	21	2
5	64QAM	1	12	19.46	19.49	19.38	19.50	19.28		
5	64QAM	1	24	19.34	19.31	19.34	19.43	19.20		
5	64QAM	12	0	18.30	18.27	18.46	18.37	18.30	20	3
5	64QAM	12	7	18.19	18.40	18.51	18.56	18.27		
5	64QAM	12	13	18.12	18.21	18.36	18.43	18.09		
5	64QAM	25	0	18.10	18.44	18.47	18.43	18.16		
5	256QAM	1	0	16.19	16.35	16.30	16.16	16.08	18	5
5	256QAM	1	12	16.43	16.41	16.26	16.35	16.09		
5	256QAM	1	24	16.34	16.32	16.45	16.47	16.07		
5	256QAM	12	0	16.34	16.23	16.40	16.42	16.09	18	5
5	256QAM	12	7	16.12	16.22	16.46	16.29	16.09		
5	256QAM	12	13	16.16	16.26	16.23	16.46	16.14		
5	256QAM	25	0	16.09	16.49	16.42	16.17	16.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.47	24.56	24.62	24.52	24.33	26	0
20	QPSK	1	49	24.38	24.51	24.55	24.48	24.16		
20	QPSK	1	99	24.31	24.39	24.54	24.39	24.24		
20	QPSK	50	0	23.36	23.55	23.69	23.47	23.19	25	1
20	QPSK	50	24	23.57	23.42	23.67	23.55	23.31		
20	QPSK	50	50	23.53	23.53	23.68	23.50	23.25		
20	QPSK	100	0	23.52	23.43	23.56	23.41	23.37		
20	16QAM	1	0	23.59	23.63	23.50	23.54	23.39	25	1
20	16QAM	1	49	23.33	23.52	23.68	23.61	23.30		
20	16QAM	1	99	23.55	23.69	23.63	23.55	23.22		
20	16QAM	50	0	22.53	22.48	22.49	22.45	22.20	24	2
20	16QAM	50	24	22.36	22.50	22.55	22.44	22.21		
20	16QAM	50	50	22.37	22.51	22.66	22.49	22.36		
20	16QAM	100	0	22.37	22.44	22.55	22.38	22.35		
20	64QAM	1	0	22.34	22.57	22.74	22.50	22.33	24	2
20	64QAM	1	49	22.38	22.44	22.64	22.56	22.44		
20	64QAM	1	99	22.52	22.50	22.54	22.39	22.30		
20	64QAM	50	0	21.37	21.43	21.75	21.48	21.47	23	3
20	64QAM	50	24	21.53	21.55	21.65	21.42	21.38		
20	64QAM	50	50	21.53	21.65	21.73	21.64	21.42		
20	64QAM	100	0	21.49	21.55	21.49	21.45	21.33		
20	256QAM	1	0	19.42	19.55	19.59	19.65	19.26	21	5
20	256QAM	1	49	19.33	19.62	19.60	19.37	19.45		
20	256QAM	1	99	19.48	19.66	19.69	19.59	19.46		
20	256QAM	50	0	19.44	19.48	19.53	19.55	19.22	21	5
20	256QAM	50	24	19.44	19.64	19.47	19.38	19.19		
20	256QAM	50	50	19.59	19.55	19.69	19.63	19.44		
20	256QAM	100	0	19.60	19.64	19.73	19.54	19.25		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.33	24.42	24.55	24.45	24.25	26	0
15	QPSK	1	37	24.25	24.34	24.37	24.39	24.10		
15	QPSK	1	74	24.27	24.36	24.40	24.31	24.18		
15	QPSK	36	0	23.36	23.44	23.51	23.62	23.23	25	1
15	QPSK	36	20	23.47	23.38	23.61	23.42	23.15		
15	QPSK	36	39	23.50	23.50	23.54	23.48	23.23		
15	QPSK	75	0	23.49	23.38	23.41	23.27	23.29		
15	16QAM	1	0	23.47	23.48	23.32	23.44	23.27	25	1
15	16QAM	1	37	23.16	23.37	23.60	23.43	23.24		
15	16QAM	1	74	23.51	23.54	23.55	23.44	23.13		
15	16QAM	36	0	22.42	22.44	22.35	22.32	22.14	24	2
15	16QAM	36	20	22.31	22.44	22.42	22.31	22.19		
15	16QAM	36	39	22.30	22.43	22.54	22.36	22.32		
15	16QAM	75	0	22.34	22.38	22.46	22.23	22.17		
15	64QAM	1	0	22.24	22.46	22.64	22.40	22.26	24	2
15	64QAM	1	37	22.27	22.42	22.54	22.43	22.27		
15	64QAM	1	74	22.45	22.35	22.38	22.21	22.19		
15	64QAM	36	0	21.27	21.37	21.64	21.32	21.39	23	3
15	64QAM	36	20	21.48	21.51	21.48	21.38	21.32		
15	64QAM	36	39	21.44	21.58	21.62	21.52	21.28		
15	64QAM	75	0	21.37	21.50	21.31	21.29	21.17		
15	256QAM	1	0	19.36	19.38	19.56	19.49	19.14	21	5
15	256QAM	1	37	19.25	19.50	19.49	19.22	19.40		
15	256QAM	1	74	19.46	19.52	19.58	19.52	19.37		
15	256QAM	36	0	19.33	19.42	19.43	19.50	19.20	21	5
15	256QAM	36	20	19.38	19.47	19.41	19.28	19.15		
15	256QAM	36	39	19.46	19.51	19.55	19.55	19.28		
15	256QAM	75	0	19.56	19.50	19.63	19.52	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.38	24.40	24.54	24.42	24.17	26	0
10	QPSK	1	25	24.26	24.42	24.40	24.39	24.09		
10	QPSK	1	49	24.22	24.22	24.44	24.25	24.22		
10	QPSK	25	0	23.26	23.44	23.52	23.37	23.05	25	1
10	QPSK	25	12	23.50	23.25	23.51	23.50	23.14		
10	QPSK	25	25	23.42	23.45	23.54	23.37	23.20		
10	QPSK	50	0	23.49	23.35	23.38	23.26	23.21		
10	16QAM	1	0	23.55	23.51	23.46	23.45	23.37	25	1
10	16QAM	1	25	23.28	23.35	23.58	23.48	23.16		
10	16QAM	1	49	23.48	23.56	23.59	23.44	23.15		
10	16QAM	25	0	22.50	22.35	22.35	22.32	22.14	24	2
10	16QAM	25	12	22.29	22.36	22.51	22.41	22.08		
10	16QAM	25	25	22.33	22.48	22.53	22.43	22.32		
10	16QAM	50	0	22.27	22.31	22.51	22.35	22.21		
10	64QAM	1	0	22.16	22.43	22.60	22.44	22.21	24	2
10	64QAM	1	25	22.32	22.34	22.53	22.46	22.40		
10	64QAM	1	49	22.35	22.37	22.37	22.30	22.22		
10	64QAM	25	0	21.24	21.27	21.69	21.41	21.40	23	3
10	64QAM	25	12	21.48	21.37	21.56	21.33	21.28		
10	64QAM	25	25	21.41	21.61	21.57	21.49	21.36		
10	64QAM	50	0	21.39	21.39	21.42	21.32	21.15		
10	256QAM	1	0	19.38	19.51	19.55	19.52	19.08	21	5
10	256QAM	1	25	19.15	19.51	19.51	19.28	19.41		
10	256QAM	1	49	19.44	19.51	19.58	19.57	19.30		
10	256QAM	25	0	19.57	19.68	19.74	19.38	19.42	21	5
10	256QAM	25	12	19.55	19.53	19.76	19.66	19.26		
10	256QAM	25	25	19.56	19.60	19.72	19.40	19.34		
10	256QAM	50	0	19.58	19.62	19.59	19.51	19.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.45	24.44	24.46	24.38	24.19	26	0
5	QPSK	1	12	24.25	24.40	24.47	24.44	24.08		
5	QPSK	1	24	24.19	24.23	24.50	24.25	24.07		
5	QPSK	12	0	23.22	23.44	23.51	23.34	23.11	25	1
5	QPSK	12	7	23.45	23.30	23.49	23.42	23.25		
5	QPSK	12	13	23.48	23.49	23.50	23.39	23.19		
5	QPSK	25	0	23.44	23.27	23.50	23.34	23.34		
5	16QAM	1	0	23.38	23.44	23.53	23.42	23.40	25	1
5	16QAM	1	12	23.43	23.51	23.69	23.59	23.26		
5	16QAM	1	24	23.47	23.53	23.63	23.38	23.23		
5	16QAM	12	0	22.38	22.41	22.64	22.63	22.28	24	2
5	16QAM	12	7	22.51	22.49	22.66	22.55	22.19		
5	16QAM	12	13	22.58	22.66	22.47	22.40	22.29		
5	16QAM	25	0	22.24	22.37	22.41	22.32	22.33		
5	64QAM	1	0	22.22	22.46	22.59	22.44	22.31	24	2
5	64QAM	1	12	22.32	22.39	22.58	22.43	22.39		
5	64QAM	1	24	22.45	22.46	22.49	22.22	22.13		
5	64QAM	12	0	21.34	21.39	21.72	21.34	21.30	23	3
5	64QAM	12	7	21.39	21.49	21.62	21.31	21.34		
5	64QAM	12	13	21.48	21.52	21.67	21.60	21.28		
5	64QAM	25	0	21.44	21.44	21.44	21.29	21.28		
5	256QAM	1	0	19.25	19.38	19.55	19.62	19.22	21	5
5	256QAM	1	12	19.20	19.52	19.43	19.29	19.36		
5	256QAM	1	24	19.44	19.56	19.62	19.48	19.44		
5	256QAM	12	0	19.42	19.30	19.46	19.39	19.19	21	5
5	256QAM	12	7	19.35	19.61	19.44	19.26	19.14		
5	256QAM	12	13	19.53	19.52	19.64	19.54	19.36		
5	256QAM	25	0	19.55	19.56	19.59	19.42	19.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	22.35	22.37	22.36	23.5	0
20	QPSK	1	49	22.18	22.25	22.27		
20	QPSK	1	99	22.32	22.24	22.32		
20	QPSK	50	0	21.39	21.48	21.44	22.5	1
20	QPSK	50	24	21.34	21.47	21.34		
20	QPSK	50	50	21.38	21.43	21.43		
20	QPSK	100	0	21.35	21.37	21.29		
20	16QAM	1	0	21.45	21.42	21.30	22.5	1
20	16QAM	1	49	21.25	21.26	21.45		
20	16QAM	1	99	21.27	21.31	21.44		
20	16QAM	50	0	20.36	20.31	20.39	21.5	2
20	16QAM	50	24	20.43	20.26	20.37		
20	16QAM	50	50	20.38	20.27	20.25		
20	16QAM	100	0	20.33	20.26	20.38		
20	64QAM	1	0	20.34	20.47	20.33	21.5	2
20	64QAM	1	49	20.41	20.41	20.25		
20	64QAM	1	99	20.38	20.32	20.36		
20	64QAM	50	0	19.37	19.41	19.35	20.5	3
20	64QAM	50	24	19.44	19.28	19.27		
20	64QAM	50	50	19.28	19.37	19.46		
20	64QAM	100	0	19.31	19.46	19.39		
20	256QAM	1	0	17.24	17.49	17.28	18.5	5
20	256QAM	1	49	17.42	17.44	17.35		
20	256QAM	1	99	17.37	17.33	17.44		
20	256QAM	50	0	17.32	17.43	17.44	18.5	5
20	256QAM	50	24	17.26	17.39	17.27		
20	256QAM	50	50	17.41	17.33	17.40		
20	256QAM	100	0	17.30	17.40	17.46		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.24	22.29	22.31	23.5	0
15	QPSK	1	37	22.05	22.21	22.21		
15	QPSK	1	74	22.14	22.16	22.28		
15	QPSK	36	0	21.34	21.37	21.41	22.5	1
15	QPSK	36	20	21.25	21.37	21.32		
15	QPSK	36	39	21.21	21.39	21.31		
15	QPSK	75	0	21.29	21.30	21.14		
15	16QAM	1	0	21.30	21.37	21.27	22.5	1
15	16QAM	1	37	21.12	21.23	21.34		
15	16QAM	1	74	21.17	21.24	21.29		
15	16QAM	36	0	20.31	20.23	20.37	21.5	2
15	16QAM	36	20	20.38	20.12	20.28		
15	16QAM	36	39	20.20	20.21	20.07		
15	16QAM	75	0	20.19	20.12	20.33		
15	64QAM	1	0	20.17	20.44	20.27	21.5	2
15	64QAM	1	37	20.25	20.28	20.08		
15	64QAM	1	74	20.30	20.16	20.20		
15	64QAM	36	0	19.20	19.26	19.18	20.5	3
15	64QAM	36	20	19.35	19.12	19.16		
15	64QAM	36	39	19.23	19.31	19.35		
15	64QAM	75	0	19.27	19.42	19.33		
15	256QAM	1	0	17.10	17.37	17.16	18.5	5
15	256QAM	1	37	17.29	17.41	17.22		
15	256QAM	1	74	17.29	17.27	17.28		
15	256QAM	36	0	17.18	17.40	17.41	18.5	5
15	256QAM	36	20	17.09	17.23	17.19		
15	256QAM	36	39	17.32	17.24	17.32		
15	256QAM	75	0	17.14	17.28	17.43		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.17	22.21	22.33	23.5	0
10	QPSK	1	25	22.14	22.22	22.23		
10	QPSK	1	49	22.18	22.10	22.29		
10	QPSK	25	0	21.35	21.35	21.41	22.5	1
10	QPSK	25	12	21.20	21.30	21.25		
10	QPSK	25	25	21.33	21.39	21.27		
10	QPSK	50	0	21.27	21.29	21.27		
10	16QAM	1	0	21.29	21.31	21.19	22.5	1
10	16QAM	1	25	21.15	21.19	21.35		
10	16QAM	1	49	21.22	21.19	21.30		
10	16QAM	25	0	20.29	20.29	20.30	21.5	2
10	16QAM	25	12	20.34	20.21	20.29		
10	16QAM	25	25	20.27	20.24	20.11		
10	16QAM	50	0	20.30	20.13	20.31		
10	64QAM	1	0	20.27	20.43	20.29	21.5	2
10	64QAM	1	25	20.37	20.28	20.10		
10	64QAM	1	49	20.22	20.24	20.22		
10	64QAM	25	0	19.34	19.39	19.23	20.5	3
10	64QAM	25	12	19.30	19.12	19.22		
10	64QAM	25	25	19.22	19.27	19.33		
10	64QAM	50	0	19.14	19.29	19.29		
10	256QAM	1	0	17.21	17.44	17.25	18.5	5
10	256QAM	1	25	17.34	17.38	17.17		
10	256QAM	1	49	17.24	17.19	17.34		
10	256QAM	25	0	17.27	17.33	17.26	18.5	5
10	256QAM	25	12	17.12	17.30	17.14		
10	256QAM	25	25	17.25	17.21	17.32		
10	256QAM	50	0	17.16	17.37	17.44		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	22.21	22.35	22.23	23.5	0
5	QPSK	1	12	22.02	22.14	22.11		
5	QPSK	1	24	22.23	22.21	22.25		
5	QPSK	12	0	21.37	21.44	21.34	22.5	1
5	QPSK	12	7	21.17	21.36	21.28		
5	QPSK	12	13	21.26	21.27	21.36		
5	QPSK	25	0	21.26	21.29	21.24		
5	16QAM	1	0	21.29	21.28	21.20	22.5	1
5	16QAM	1	12	21.23	21.19	21.42		
5	16QAM	1	24	21.24	21.13	21.29		
5	16QAM	12	0	20.26	20.18	20.30	21.5	2
5	16QAM	12	7	20.30	20.14	20.34		
5	16QAM	12	13	20.21	20.18	20.15		
5	16QAM	25	0	20.18	20.21	20.32		
5	64QAM	1	0	20.19	20.37	20.26	21.5	2
5	64QAM	1	12	20.36	20.36	20.11		
5	64QAM	1	24	20.28	20.24	20.18		
5	64QAM	12	0	19.25	19.31	19.20	20.5	3
5	64QAM	12	7	19.37	19.17	19.14		
5	64QAM	12	13	19.17	19.23	19.43		
5	64QAM	25	0	19.18	19.29	19.33		
5	256QAM	1	0	17.22	17.38	17.11	18.5	5
5	256QAM	1	12	17.35	17.37	17.21		
5	256QAM	1	24	17.24	17.27	17.33		
5	256QAM	12	0	17.28	17.29	17.27	18.5	5
5	256QAM	12	7	17.13	17.31	17.22		
5	256QAM	12	13	17.34	17.15	17.31		
5	256QAM	25	0	17.19	17.25	17.39		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3548	3609	3641	3698		
20	QPSK	1	0	22.27	22.39	22.33	22.38	23.5	0
20	QPSK	1	49	22.12	22.22	22.28	22.31		
20	QPSK	1	99	22.09	22.21	22.20	22.20		
20	QPSK	50	0	22.21	22.36	22.28	22.30	23.5	0
20	QPSK	50	24	22.17	22.13	22.16	22.22		
20	QPSK	50	50	22.18	22.18	22.29	22.26		
20	QPSK	100	0	22.14	22.26	22.23	22.24		
20	16QAM	1	0	22.17	22.12	22.30	22.36	23.5	0
20	16QAM	1	49	22.09	22.21	22.16	22.28		
20	16QAM	1	99	22.21	22.15	22.30	22.27		
20	16QAM	50	0	21.36	21.15	21.34	21.29	22.5	1
20	16QAM	50	24	21.20	21.20	21.27	21.28		
20	16QAM	50	50	21.34	21.19	21.27	21.41		
20	16QAM	100	0	21.31	21.28	21.44	21.44		
20	64QAM	1	0	21.19	21.25	21.40	21.43	22.5	1
20	64QAM	1	49	21.35	21.13	21.33	21.39		
20	64QAM	1	99	21.21	21.22	21.31	21.27		
20	64QAM	50	0	20.34	20.26	20.36	20.47	21.5	2
20	64QAM	50	24	20.38	20.21	20.27	20.33		
20	64QAM	50	50	20.29	20.26	20.38	20.45		
20	64QAM	100	0	20.32	20.25	20.36	20.28		
20	256QAM	1	0	18.25	18.28	18.36	18.48	19.5	4
20	256QAM	1	49	18.16	18.24	18.25	18.28		
20	256QAM	1	99	18.39	18.25	18.30	18.29		
20	256QAM	50	0	18.27	18.25	18.35	18.38	19.5	4
20	256QAM	50	24	18.25	18.13	18.43	18.44		
20	256QAM	50	50	18.19	18.33	18.42	18.40		
20	256QAM	100	0	18.32	18.26	18.22	18.34		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.11	22.23	22.17	22.36	23.5	0
15	QPSK	1	37	21.96	22.19	22.10	22.17		
15	QPSK	1	74	21.92	22.07	22.09	22.06		
15	QPSK	36	0	22.04	22.33	22.13	22.26	23.5	0
15	QPSK	36	20	22.00	22.04	22.07	22.17		
15	QPSK	36	39	22.07	22.11	22.21	22.13		
15	QPSK	75	0	22.04	22.10	22.05	22.13		
15	16QAM	1	0	22.09	22.06	22.23	22.25	23.5	0
15	16QAM	1	37	22.05	22.07	22.09	22.18		
15	16QAM	1	74	22.19	21.99	22.19	22.19		
15	16QAM	36	0	21.33	21.06	21.21	21.16	22.5	1
15	16QAM	36	20	21.14	21.14	21.11	21.22		
15	16QAM	36	39	21.24	21.08	21.23	21.24		
15	16QAM	75	0	21.15	21.17	21.38	21.32		
15	64QAM	1	0	21.13	21.22	21.35	21.39	22.5	1
15	64QAM	1	37	21.31	21.10	21.22	21.26		
15	64QAM	1	74	21.10	21.14	21.26	21.13		
15	64QAM	36	0	20.29	20.09	20.21	20.30	21.5	2
15	64QAM	36	20	20.22	20.03	20.18	20.29		
15	64QAM	36	39	20.26	20.20	20.26	20.29		
15	64QAM	75	0	20.26	20.15	20.24	20.19		
15	256QAM	1	0	18.17	18.14	18.20	18.44	19.5	4
15	256QAM	1	37	18.11	18.22	18.23	18.19		
15	256QAM	1	74	18.26	18.09	18.24	18.13		
15	256QAM	36	0	18.15	18.22	18.30	18.35	19.5	4
15	256QAM	36	20	18.08	18.04	18.35	18.32		
15	256QAM	36	39	18.15	18.17	18.27	18.23		
15	256QAM	75	0	18.20	18.09	18.19	18.26		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.14	22.24	22.29	22.29	23.5	0
10	QPSK	1	25	22.00	22.07	22.10	22.20		
10	QPSK	1	49	22.01	22.18	22.04	22.04		
10	QPSK	25	0	22.04	22.28	22.24	22.17	23.5	0
10	QPSK	25	12	22.11	21.99	22.06	22.18		
10	QPSK	25	25	22.13	22.00	22.15	22.10		
10	QPSK	50	0	22.02	22.14	22.16	22.17		
10	16QAM	1	0	22.11	22.01	22.18	22.23	23.5	0
10	16QAM	1	25	21.97	22.08	22.03	22.20		
10	16QAM	1	49	22.12	22.01	22.26	22.15		
10	16QAM	25	0	21.33	20.99	21.26	21.20	22.5	1
10	16QAM	25	12	21.09	21.14	21.24	21.26		
10	16QAM	25	25	21.23	21.05	21.17	21.28		
10	16QAM	50	0	21.28	21.23	21.33	21.33		
10	64QAM	1	0	21.08	21.21	21.29	21.39	22.5	1
10	64QAM	1	25	21.22	21.03	21.16	21.25		
10	64QAM	1	49	21.14	21.18	21.19	21.24		
10	64QAM	25	0	20.32	20.15	20.20	20.36	21.5	2
10	64QAM	25	12	20.34	20.11	20.11	20.15		
10	64QAM	25	25	20.11	20.24	20.22	20.34		
10	64QAM	50	0	20.28	20.21	20.21	20.12		
10	256QAM	1	0	18.15	18.13	18.33	18.38	19.5	4
10	256QAM	1	25	18.12	18.15	18.16	18.25		
10	256QAM	1	49	18.26	18.14	18.21	18.18		
10	256QAM	25	0	18.19	18.21	18.23	18.30	19.5	4
10	256QAM	25	12	18.15	18.08	18.32	18.27		
10	256QAM	25	25	18.01	18.29	18.25	18.26		
10	256QAM	50	0	18.26	18.17	18.18	18.25		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.16	22.33	22.18	22.31	23.5	0
5	QPSK	1	12	22.00	22.15	22.23	22.28		
5	QPSK	1	24	22.06	22.09	22.14	22.14		
5	QPSK	12	0	22.07	22.23	22.23	22.14	23.5	0
5	QPSK	12	7	22.12	21.98	22.11	22.18		
5	QPSK	12	13	22.13	22.11	22.25	22.11		
5	QPSK	25	0	22.10	22.22	22.11	22.18		
5	16QAM	1	0	22.02	22.07	22.12	22.18	23.5	0
5	16QAM	1	12	21.92	22.07	22.08	22.21		
5	16QAM	1	24	22.16	22.03	22.16	22.19		
5	16QAM	12	0	21.21	21.08	21.27	21.12	22.5	1
5	16QAM	12	7	21.06	21.04	21.13	21.18		
5	16QAM	12	13	21.18	21.01	21.21	21.29		
5	16QAM	25	0	21.19	21.15	21.35	21.39		
5	64QAM	1	0	21.06	21.17	21.29	21.38	22.5	1
5	64QAM	1	12	21.28	21.08	21.18	21.29		
5	64QAM	1	24	21.04	21.10	21.20	21.16		
5	64QAM	12	0	20.28	20.09	20.27	20.42	21.5	2
5	64QAM	12	7	20.21	20.12	20.18	20.30		
5	64QAM	12	13	20.16	20.12	20.23	20.32		
5	64QAM	25	0	20.25	20.18	20.27	20.23		
5	256QAM	1	0	18.09	18.14	18.31	18.41	19.5	4
5	256QAM	1	12	18.09	18.07	18.21	18.13		
5	256QAM	1	24	18.28	18.22	18.13	18.18		
5	256QAM	12	0	18.22	18.08	18.28	18.28	19.5	4
5	256QAM	12	7	18.23	18.03	18.34	18.38		
5	256QAM	12	13	18.01	18.23	18.26	18.34		
5	256QAM	25	0	18.15	18.12	18.20	18.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.53	21.76	21.68	23	0
20	QPSK	1	49	21.37	21.63	21.60		
20	QPSK	1	99	21.42	21.64	21.64		
20	QPSK	50	0	20.58	20.88	20.72	22	1
20	QPSK	50	24	20.54	20.81	20.67		
20	QPSK	50	50	20.43	20.87	20.67		
20	QPSK	100	0	20.42	20.81	20.62		
20	16QAM	1	0	20.49	20.82	20.69	22	1
20	16QAM	1	49	20.42	20.81	20.69		
20	16QAM	1	99	20.60	20.74	20.60		
20	16QAM	50	0	19.52	19.84	19.66	21	2
20	16QAM	50	24	19.58	19.74	19.61		
20	16QAM	50	50	19.53	19.77	19.57		
20	16QAM	100	0	19.60	19.76	19.62		
20	64QAM	1	0	19.64	19.71	19.66	21	2
20	64QAM	1	49	19.60	19.64	19.75		
20	64QAM	1	99	19.44	19.78	19.76		
20	64QAM	50	0	18.60	18.67	18.75	20	3
20	64QAM	50	24	18.64	18.74	18.80		
20	64QAM	50	50	18.54	18.82	18.59		
20	64QAM	100	0	18.50	18.78	18.63		
20	256QAM	1	0	16.59	16.82	16.65	18	5
20	256QAM	1	49	16.48	16.75	16.73		
20	256QAM	1	99	16.64	16.71	16.75		
20	256QAM	50	0	16.48	16.86	16.79	18	5
20	256QAM	50	24	16.64	16.67	16.70		
20	256QAM	50	50	16.51	16.75	16.71		
20	256QAM	100	0	16.58	16.71	16.70		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.49	21.70	21.64	23	0
15	QPSK	1	37	21.22	21.55	21.43		
15	QPSK	1	74	21.28	21.53	21.53		
15	QPSK	36	0	20.54	20.81	20.59	22	1
15	QPSK	36	20	20.40	20.68	20.65		
15	QPSK	36	39	20.38	20.82	20.63		
15	QPSK	75	0	20.40	20.74	20.58		
15	16QAM	1	0	20.34	20.71	20.65	22	1
15	16QAM	1	37	20.27	20.66	20.57		
15	16QAM	1	74	20.53	20.63	20.43		
15	16QAM	36	0	19.41	19.73	19.55	21	2
15	16QAM	36	20	19.48	19.66	19.55		
15	16QAM	36	39	19.35	19.69	19.40		
15	16QAM	75	0	19.53	19.65	19.48		
15	64QAM	1	0	19.49	19.64	19.50	21	2
15	64QAM	1	37	19.53	19.50	19.67		
15	64QAM	1	74	19.27	19.69	19.59		
15	64QAM	36	0	18.46	18.56	18.62	20	3
15	64QAM	36	20	18.57	18.68	18.72		
15	64QAM	36	39	18.49	18.76	18.48		
15	64QAM	75	0	18.41	18.67	18.53		
15	256QAM	1	0	16.46	16.73	16.62	18	5
15	256QAM	1	37	16.31	16.59	16.61		
15	256QAM	1	74	16.52	16.62	16.57		
15	256QAM	36	0	16.46	16.75	16.76	18	5
15	256QAM	36	20	16.49	16.58	16.56		
15	256QAM	36	39	16.48	16.57	16.56		
15	256QAM	75	0	16.44	16.55	16.53		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.42	21.58	21.59	23	0
10	QPSK	1	25	21.22	21.51	21.50		
10	QPSK	1	49	21.25	21.50	21.62		
10	QPSK	25	0	20.47	20.71	20.60	22	1
10	QPSK	25	12	20.39	20.64	20.62		
10	QPSK	25	25	20.30	20.79	20.60		
10	QPSK	50	0	20.32	20.70	20.54		
10	16QAM	1	0	20.46	20.76	20.54	22	1
10	16QAM	1	25	20.28	20.67	20.65		
10	16QAM	1	49	20.43	20.68	20.53		
10	16QAM	25	0	19.41	19.79	19.54	21	2
10	16QAM	25	12	19.41	19.63	19.50		
10	16QAM	25	25	19.38	19.71	19.42		
10	16QAM	50	0	19.57	19.71	19.44		
10	64QAM	1	0	19.47	19.64	19.49	21	2
10	64QAM	1	25	19.51	19.49	19.67		
10	64QAM	1	49	19.27	19.68	19.68		
10	64QAM	25	0	18.50	18.61	18.67	20	3
10	64QAM	25	12	18.55	18.67	18.70		
10	64QAM	25	25	18.51	18.78	18.54		
10	64QAM	50	0	18.42	18.66	18.51		
10	256QAM	1	0	16.45	16.67	16.62	18	5
10	256QAM	1	25	16.40	16.58	16.57		
10	256QAM	1	49	16.51	16.53	16.63		
10	256QAM	25	0	16.34	16.73	16.63	18	5
10	256QAM	25	12	16.58	16.62	16.61		
10	256QAM	25	25	16.46	16.70	16.56		
10	256QAM	50	0	16.51	16.60	16.60		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.42	21.67	21.58	23	0
5	QPSK	1	12	21.27	21.54	21.50		
5	QPSK	1	24	21.25	21.60	21.59		
5	QPSK	12	0	20.52	20.86	20.68	22	1
5	QPSK	12	7	20.45	20.64	20.60		
5	QPSK	12	13	20.37	20.76	20.49		
5	QPSK	25	0	20.40	20.74	20.59		
5	16QAM	1	0	20.35	20.74	20.56	22	1
5	16QAM	1	12	20.26	20.69	20.58		
5	16QAM	1	24	20.55	20.66	20.54		
5	16QAM	12	0	19.37	19.74	19.58	21	2
5	16QAM	12	7	19.50	19.63	19.46		
5	16QAM	12	13	19.44	19.61	19.40		
5	16QAM	25	0	19.55	19.64	19.58		
5	64QAM	1	0	19.62	19.67	19.48	21	2
5	64QAM	1	12	19.46	19.56	19.62		
5	64QAM	1	24	19.37	19.61	19.74		
5	64QAM	12	0	18.44	18.59	18.69	20	3
5	64QAM	12	7	18.57	18.67	18.78		
5	64QAM	12	13	18.43	18.69	18.54		
5	64QAM	25	0	18.33	18.67	18.55		
5	256QAM	1	0	16.52	16.73	16.47	18	5
5	256QAM	1	12	16.33	16.70	16.57		
5	256QAM	1	24	16.61	16.62	16.70		
5	256QAM	12	0	16.40	16.78	16.71	18	5
5	256QAM	12	7	16.47	16.57	16.67		
5	256QAM	12	13	16.41	16.65	16.66		
5	256QAM	25	0	16.48	16.54	16.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	22.47	22.56	22.23	22.31	23	0
20	QPSK	1	49	22.34	22.43	22.09	22.29		
20	QPSK	1	99	22.44	22.40	22.07	22.17		
20	QPSK	50	0	22.33	22.49	22.14	22.23	23	0
20	QPSK	50	24	22.31	22.47	22.07	22.27		
20	QPSK	50	50	22.37	22.46	22.18	22.16		
20	QPSK	100	0	22.33	22.48	22.21	22.14		
20	16QAM	1	0	22.32	22.47	22.12	22.25	23	0
20	16QAM	1	49	22.41	22.40	22.21	22.24		
20	16QAM	1	99	22.40	22.47	22.07	22.27		
20	16QAM	50	0	21.47	21.52	21.12	21.26	22	1
20	16QAM	50	24	21.57	21.53	21.30	21.28		
20	16QAM	50	50	21.49	21.48	21.12	21.25		
20	16QAM	100	0	21.46	21.58	21.28	21.32		
20	64QAM	1	0	21.36	21.58	21.16	21.30	22	1
20	64QAM	1	49	21.50	21.66	21.22	21.30		
20	64QAM	1	99	21.49	21.59	21.17	21.26		
20	64QAM	50	0	20.56	20.45	20.16	20.21	21	2
20	64QAM	50	24	20.58	20.55	20.15	20.24		
20	64QAM	50	50	20.43	20.58	20.19	20.27		
20	64QAM	100	0	20.57	20.51	20.12	20.40		
20	256QAM	1	0	18.46	18.51	18.27	18.39	19	4
20	256QAM	1	49	18.36	18.44	18.15	18.25		
20	256QAM	1	99	18.49	18.45	18.28	18.41		
20	256QAM	50	0	18.54	18.50	18.12	18.28	19	4
20	256QAM	50	24	18.46	18.49	18.17	18.27		
20	256QAM	50	50	18.39	18.61	18.12	18.42		
20	256QAM	100	0	18.58	18.53	18.32	18.38		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	22.38	22.41	22.05	22.18	23	0
15	QPSK	1	37	22.17	22.30	22.02	22.18		
15	QPSK	1	74	22.40	22.25	21.99	22.00		
15	QPSK	36	0	22.16	22.43	22.02	22.07	23	0
15	QPSK	36	20	22.27	22.34	21.94	22.16		
15	QPSK	36	39	22.25	22.31	22.05	22.05		
15	QPSK	75	0	22.25	22.41	22.18	22.07		
15	16QAM	1	0	22.18	22.39	22.07	22.15	23	0
15	16QAM	1	37	22.23	22.35	22.12	22.11		
15	16QAM	1	74	22.27	22.33	21.92	22.20		
15	16QAM	36	0	21.32	21.44	21.03	21.10	22	1
15	16QAM	36	20	21.42	21.50	21.27	21.11		
15	16QAM	36	39	21.42	21.45	21.00	21.10		
15	16QAM	75	0	21.33	21.43	21.25	21.29		
15	64QAM	1	0	21.53	21.59	21.25	21.32	22	1
15	64QAM	1	37	21.50	21.46	21.14	21.21		
15	64QAM	1	74	21.40	21.55	21.23	21.25		
15	64QAM	36	0	20.42	20.28	20.04	20.10	21	2
15	64QAM	36	20	20.40	20.47	20.09	20.18		
15	64QAM	36	39	20.36	20.44	20.17	20.20		
15	64QAM	75	0	20.49	20.47	20.08	20.22		
15	256QAM	1	0	18.29	18.34	18.11	18.28	19	4
15	256QAM	1	37	18.22	18.36	18.01	18.13		
15	256QAM	1	74	18.42	18.37	18.23	18.35		
15	256QAM	36	0	18.42	18.40	18.00	18.17	19	4
15	256QAM	36	20	18.39	18.34	18.11	18.23		
15	256QAM	36	39	18.26	18.44	18.05	18.40		
15	256QAM	75	0	18.41	18.46	18.25	18.20		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	22.43	22.43	22.20	22.20	23	0
10	QPSK	1	25	22.23	22.32	21.95	22.12		
10	QPSK	1	49	22.40	22.23	22.00	22.10		
10	QPSK	25	0	22.18	22.40	21.96	22.12	23	0
10	QPSK	25	12	22.27	22.44	21.96	22.16		
10	QPSK	25	25	22.33	22.30	22.12	22.06		
10	QPSK	50	0	22.29	22.31	22.15	22.01		
10	16QAM	1	0	22.25	22.29	21.99	22.10	23	0
10	16QAM	1	25	22.35	22.25	22.09	22.08		
10	16QAM	1	49	22.37	22.41	22.05	22.10		
10	16QAM	25	0	21.31	21.44	21.03	21.16	22	1
10	16QAM	25	12	21.49	21.45	21.20	21.20		
10	16QAM	25	25	21.33	21.33	21.06	21.13		
10	16QAM	50	0	21.30	21.53	21.22	21.28		
10	64QAM	1	0	21.23	21.55	21.09	21.24	22	1
10	64QAM	1	25	21.32	21.54	21.05	21.17		
10	64QAM	1	49	21.39	21.46	21.11	21.10		
10	64QAM	25	0	20.49	20.40	20.02	20.12	21	2
10	64QAM	25	12	20.49	20.51	20.10	20.19		
10	64QAM	25	25	20.28	20.47	20.13	20.10		
10	64QAM	50	0	20.50	20.46	20.03	20.37		
10	256QAM	1	0	18.37	18.41	18.23	18.29	19	4
10	256QAM	1	25	18.23	18.37	17.99	18.07		
10	256QAM	1	49	18.37	18.33	18.21	18.29		
10	256QAM	25	0	18.41	18.57	18.15	18.39	19	4
10	256QAM	25	12	18.44	18.57	18.31	18.29		
10	256QAM	25	25	18.47	18.52	18.22	18.36		
10	256QAM	50	0	18.55	18.46	18.20	18.21		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	22.40	22.53	22.20	22.19	23	0
5	QPSK	1	12	22.34	22.47	22.10	22.17		
5	QPSK	1	24	22.39	22.52	22.20	22.26		
5	QPSK	12	0	22.24	22.32	22.00	22.20	23	0
5	QPSK	12	7	22.27	22.35	22.02	22.21		
5	QPSK	12	13	22.31	22.41	22.07	22.00		
5	QPSK	25	0	22.20	22.38	22.15	22.09		
5	16QAM	1	0	22.14	22.37	21.96	22.12	23	0
5	16QAM	1	12	22.37	22.24	22.04	22.07		
5	16QAM	1	24	22.37	22.43	22.00	22.13		
5	16QAM	12	0	21.37	21.62	21.32	21.42	22	1
5	16QAM	12	7	21.40	21.50	21.22	21.35		
5	16QAM	12	13	21.50	21.62	21.29	21.36		
5	16QAM	25	0	21.31	21.55	21.18	21.21		
5	64QAM	1	0	21.29	21.44	21.03	21.25	22	1
5	64QAM	1	12	21.38	21.53	21.14	21.16		
5	64QAM	1	24	21.31	21.42	21.03	21.20		
5	64QAM	12	0	20.49	20.41	20.05	20.11	21	2
5	64QAM	12	7	20.45	20.50	20.09	20.12		
5	64QAM	12	13	20.26	20.54	20.13	20.21		
5	64QAM	25	0	20.50	20.36	20.00	20.32		
5	256QAM	1	0	18.41	18.47	18.13	18.32	19	4
5	256QAM	1	12	18.20	18.41	18.01	18.23		
5	256QAM	1	24	18.31	18.27	18.11	18.36		
5	256QAM	12	0	18.40	18.43	17.96	18.12	19	4
5	256QAM	12	7	18.41	18.37	18.02	18.25		
5	256QAM	12	13	18.33	18.45	18.01	18.24		
5	256QAM	25	0	18.43	18.46	18.24	18.29		

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.05	23.29	23.07	24	0
20	QPSK	1	49	23.03	23.23	23.03		
20	QPSK	1	99	23.01	23.24	23.01		
20	QPSK	50	0	23.01	23.16	23.05	24	0
20	QPSK	50	24	22.95	23.11	22.96		
20	QPSK	50	50	22.91	23.15	22.94		
20	QPSK	100	0	23.01	23.12	23.00		
20	16QAM	1	0	22.88	23.25	22.91	24	0
20	16QAM	1	49	22.92	23.26	23.03		
20	16QAM	1	99	22.95	23.11	23.04		
20	16QAM	50	0	21.95	22.40	22.09	23	1
20	16QAM	50	24	22.01	22.38	22.06		
20	16QAM	50	50	22.11	22.26	21.96		
20	16QAM	100	0	22.07	22.40	22.09		
20	64QAM	1	0	21.98	22.21	22.09	23	1
20	64QAM	1	49	22.02	22.41	21.97		
20	64QAM	1	99	22.16	22.17	22.16		
20	64QAM	50	0	21.05	21.24	21.01	22	2
20	64QAM	50	24	21.11	21.27	20.97		
20	64QAM	50	50	21.08	21.29	21.05		
20	64QAM	100	0	20.96	21.29	21.18		
20	256QAM	1	0	19.04	19.17	18.99	20	4
20	256QAM	1	49	18.95	19.35	19.11		
20	256QAM	1	99	19.16	19.19	19.01		
20	256QAM	50	0	19.10	19.23	18.97	20	4
20	256QAM	50	24	19.11	19.22	18.95		
20	256QAM	50	50	19.13	19.25	19.08		
20	256QAM	100	0	19.01	19.26	18.99		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.91	23.18	23.00	24	0
15	QPSK	1	37	22.95	23.18	22.90		
15	QPSK	1	74	22.88	23.09	22.92		
15	QPSK	36	0	22.98	23.05	22.93	24	0
15	QPSK	36	20	22.87	22.96	22.84		
15	QPSK	36	39	22.86	23.10	22.88		
15	QPSK	75	0	22.84	22.98	22.92		
15	16QAM	1	0	22.79	23.10	22.73	24	0
15	16QAM	1	37	22.84	23.12	22.95		
15	16QAM	1	74	22.92	22.98	22.96		
15	16QAM	36	0	21.93	22.28	21.94	23	1
15	16QAM	36	20	21.92	22.23	21.96		
15	16QAM	36	39	22.06	22.12	21.88		
15	16QAM	75	0	22.04	22.38	22.00		
15	64QAM	1	0	21.83	22.14	21.92	23	1
15	64QAM	1	37	21.93	22.32	21.92		
15	64QAM	1	74	22.13	22.09	22.06		
15	64QAM	36	0	20.88	21.11	20.93	22	2
15	64QAM	36	20	21.02	21.25	20.84		
15	64QAM	36	39	21.06	21.17	20.94		
15	64QAM	75	0	20.81	21.19	21.02		
15	256QAM	1	0	18.92	19.00	18.88	20	4
15	256QAM	1	37	18.80	19.22	19.03		
15	256QAM	1	74	19.14	19.13	18.89		
15	256QAM	36	0	18.98	19.07	18.92	20	4
15	256QAM	36	20	19.03	19.08	18.79		
15	256QAM	36	39	19.08	19.11	18.93		
15	256QAM	75	0	18.98	19.16	18.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.89	23.15	22.97	24	0
10	QPSK	1	25	22.89	23.08	22.94		
10	QPSK	1	49	22.97	23.06	22.98		
10	QPSK	25	0	22.96	23.00	22.99	24	0
10	QPSK	25	12	22.80	22.95	22.85		
10	QPSK	25	25	22.89	23.01	22.86		
10	QPSK	50	0	22.98	23.07	22.82		
10	16QAM	1	0	22.73	23.08	22.86	24	0
10	16QAM	1	25	22.77	23.14	22.92		
10	16QAM	1	49	22.77	23.02	22.91		
10	16QAM	25	0	21.85	22.33	22.06	23	1
10	16QAM	25	12	21.84	22.26	21.89		
10	16QAM	25	25	22.09	22.15	21.90		
10	16QAM	50	0	21.98	22.36	21.95		
10	64QAM	1	0	21.86	22.07	21.96	23	1
10	64QAM	1	25	21.98	22.36	21.95		
10	64QAM	1	49	22.05	22.10	22.02		
10	64QAM	25	0	21.00	21.16	20.98	22	2
10	64QAM	25	12	21.05	21.23	20.80		
10	64QAM	25	25	20.92	21.12	20.87		
10	64QAM	50	0	20.92	21.23	21.05		
10	256QAM	1	0	18.92	19.12	18.81	20	4
10	256QAM	1	25	18.88	19.30	19.00		
10	256QAM	1	49	19.06	19.14	18.90		
10	256QAM	25	0	19.00	19.05	18.83	20	4
10	256QAM	25	12	19.00	19.11	18.84		
10	256QAM	25	25	19.02	19.21	19.00		
10	256QAM	50	0	18.91	19.12	18.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.01	23.16	22.96	24	0
5	QPSK	1	12	22.98	23.13	22.88		
5	QPSK	1	24	22.90	23.12	22.95		
5	QPSK	12	0	22.99	23.04	22.98	24	0
5	QPSK	12	7	22.85	23.09	22.86		
5	QPSK	12	13	22.74	22.99	22.87		
5	QPSK	25	0	22.93	23.00	22.86		
5	16QAM	1	0	22.81	23.09	22.82	24	0
5	16QAM	1	12	22.75	23.22	23.00		
5	16QAM	1	24	22.79	23.05	23.01		
5	16QAM	12	0	21.79	22.24	22.04	23	1
5	16QAM	12	7	21.89	22.29	21.89		
5	16QAM	12	13	22.05	22.11	21.81		
5	16QAM	25	0	22.02	22.25	22.06		
5	64QAM	1	0	21.87	22.10	21.95	23	1
5	64QAM	1	12	21.90	22.25	21.87		
5	64QAM	1	24	22.11	22.12	22.05		
5	64QAM	12	0	20.89	21.08	20.83	22	2
5	64QAM	12	7	21.03	21.20	20.83		
5	64QAM	12	13	20.91	21.15	20.91		
5	64QAM	25	0	20.78	21.11	21.14		
5	256QAM	1	0	18.94	19.03	18.90	20	4
5	256QAM	1	12	18.80	19.24	19.01		
5	256QAM	1	24	19.04	19.15	18.87		
5	256QAM	12	0	19.05	19.18	18.92	20	4
5	256QAM	12	7	18.99	19.08	18.81		
5	256QAM	12	13	19.04	19.22	19.04		
5	256QAM	25	0	18.90	19.16	18.96		

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.18		24	0
10	QPSK	1	25		23.13			
10	QPSK	1	49		23.12			
10	QPSK	25	0		23.16		24	0
10	QPSK	25	12		23.11			
10	QPSK	25	25		23.08			
10	QPSK	50	0		23.15			
10	16QAM	1	0		23.16		24	0
10	16QAM	1	25		23.12			
10	16QAM	1	49		23.00			
10	16QAM	25	0		22.28		23	1
10	16QAM	25	12		22.16			
10	16QAM	25	25		22.17			
10	16QAM	50	0		22.15			
10	64QAM	1	0		22.21		23	1
10	64QAM	1	25		22.06			
10	64QAM	1	49		22.23			
10	64QAM	25	0		21.29		22	2
10	64QAM	25	12		21.26			
10	64QAM	25	25		21.09			
10	64QAM	50	0		21.18			
10	256QAM	1	0		19.09		20	4
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.20			
10	256QAM	25	0		19.28		20	4
10	256QAM	25	12		19.06			
10	256QAM	25	25		19.07			
10	256QAM	50	0		19.16			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.96	23.01	22.97	24	0
5	QPSK	1	12	22.82	22.95	22.85		
5	QPSK	1	24	22.91	22.98	22.93		
5	QPSK	12	0	22.91	23.10	22.98	24	0
5	QPSK	12	7	23.01	23.05	22.94		
5	QPSK	12	13	22.90	22.94	22.78		
5	QPSK	25	0	22.75	22.99	22.93		
5	16QAM	1	0	22.90	23.01	22.91	24	0
5	16QAM	1	12	22.82	23.06	22.91		
5	16QAM	1	24	22.97	22.96	22.76		
5	16QAM	12	0	21.98	22.24	21.94	23	1
5	16QAM	12	7	21.93	22.12	21.99		
5	16QAM	12	13	21.81	22.03	21.81		
5	16QAM	25	0	22.00	21.98	21.94		
5	64QAM	1	0	22.12	22.09	22.03	23	1
5	64QAM	1	12	21.80	21.93	21.96		
5	64QAM	1	24	21.87	22.18	21.98		
5	64QAM	12	0	21.01	21.22	20.87	22	2
5	64QAM	12	7	20.99	21.20	21.04		
5	64QAM	12	13	20.92	20.94	21.05		
5	64QAM	25	0	20.94	21.12	20.88		
5	256QAM	1	0	18.96	18.98	19.09	20	4
5	256QAM	1	12	18.98	18.99	18.92		
5	256QAM	1	24	18.94	19.03	19.12		
5	256QAM	12	0	18.88	19.19	18.86	20	4
5	256QAM	12	7	19.01	18.97	19.06		
5	256QAM	12	13	18.97	19.05	18.92		
5	256QAM	25	0	18.95	18.99	19.01		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.17	23.32	23.25	24	0
20	QPSK	1	49	23.05	23.22	23.07		
20	QPSK	1	99	23.15	23.20	23.22		
20	QPSK	50	0	23.12	23.29	23.19	24	0
20	QPSK	50	24	23.08	23.28	23.15		
20	QPSK	50	50	23.08	23.23	23.13		
20	QPSK	100	0	23.09	23.18	23.08		
20	16QAM	1	0	23.01	23.15	23.10	24	0
20	16QAM	1	49	23.02	23.23	23.19		
20	16QAM	1	99	23.12	23.24	23.16		
20	16QAM	50	0	22.25	22.28	22.36	23	1
20	16QAM	50	24	22.13	22.32	22.36		
20	16QAM	50	50	22.19	22.26	22.34		
20	16QAM	100	0	22.21	22.29	22.13		
20	64QAM	1	0	22.23	22.36	22.32	23	1
20	64QAM	1	49	22.24	22.29	22.24		
20	64QAM	1	99	22.18	22.27	22.17		
20	64QAM	50	0	21.22	21.24	21.33	22	2
20	64QAM	50	24	21.22	21.27	21.32		
20	64QAM	50	50	21.15	21.41	21.17		
20	64QAM	100	0	21.18	21.36	21.15		
20	256QAM	1	0	19.24	19.30	19.34	20	4
20	256QAM	1	49	19.19	19.25	19.21		
20	256QAM	1	99	19.18	19.40	19.27		
20	256QAM	50	0	19.10	19.27	19.23	20	4
20	256QAM	50	24	19.16	19.26	19.28		
20	256QAM	50	50	19.07	19.42	19.27		
20	256QAM	100	0	19.07	19.31	19.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.10	23.19	23.12	24	0
15	QPSK	1	37	23.02	23.07	23.01		
15	QPSK	1	74	23.06	23.09	23.07		
15	QPSK	36	0	23.10	23.16	23.16	24	0
15	QPSK	36	20	23.01	23.25	23.04		
15	QPSK	36	39	23.06	23.10	23.06		
15	QPSK	75	0	22.96	23.14	22.91		
15	16QAM	1	0	22.92	23.06	23.06	24	0
15	16QAM	1	37	22.96	23.05	23.01		
15	16QAM	1	74	23.04	23.15	22.99		
15	16QAM	36	0	22.22	22.21	22.20	23	1
15	16QAM	36	20	21.97	22.24	22.26		
15	16QAM	36	39	22.16	22.12	22.31		
15	16QAM	75	0	22.10	22.16	22.03		
15	64QAM	1	0	22.06	22.29	22.27	23	1
15	64QAM	1	37	22.13	22.11	22.11		
15	64QAM	1	74	22.14	22.09	22.00		
15	64QAM	36	0	21.17	21.17	21.22	22	2
15	64QAM	36	20	21.17	21.23	21.30		
15	64QAM	36	39	21.08	21.30	21.11		
15	64QAM	75	0	21.10	21.32	21.02		
15	256QAM	1	0	19.10	19.12	19.32	20	4
15	256QAM	1	37	19.04	19.13	19.10		
15	256QAM	1	74	19.11	19.26	19.21		
15	256QAM	36	0	19.03	19.11	19.12	20	4
15	256QAM	36	20	19.06	19.19	19.18		
15	256QAM	36	39	19.04	19.28	19.24		
15	256QAM	75	0	19.02	19.15	19.13		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.12	23.22	23.22	24	0
10	QPSK	1	25	22.89	23.13	23.00		
10	QPSK	1	49	23.01	23.16	23.09		
10	QPSK	25	0	23.09	23.25	23.10	24	0
10	QPSK	25	12	22.91	23.26	23.08		
10	QPSK	25	25	23.01	23.15	23.06		
10	QPSK	50	0	23.04	23.11	23.01		
10	16QAM	1	0	22.90	23.04	23.03	24	0
10	16QAM	1	25	22.94	23.21	23.03		
10	16QAM	1	49	23.05	23.15	23.13		
10	16QAM	25	0	22.13	22.16	22.30	23	1
10	16QAM	25	12	22.01	22.18	22.25		
10	16QAM	25	25	22.11	22.20	22.24		
10	16QAM	50	0	22.12	22.20	22.04		
10	64QAM	1	0	22.05	22.29	22.19	23	1
10	64QAM	1	25	22.09	22.12	22.09		
10	64QAM	1	49	22.02	22.21	22.01		
10	64QAM	25	0	21.08	21.20	21.17	22	2
10	64QAM	25	12	21.14	21.17	21.28		
10	64QAM	25	25	21.10	21.32	21.06		
10	64QAM	50	0	21.05	21.19	21.03		
10	256QAM	1	0	19.07	19.13	19.24	20	4
10	256QAM	1	25	19.02	19.13	19.11		
10	256QAM	1	49	19.08	19.34	19.23		
10	256QAM	25	0	19.01	19.17	19.08	20	4
10	256QAM	25	12	19.06	19.16	19.25		
10	256QAM	25	25	18.92	19.29	19.14		
10	256QAM	50	0	19.03	19.22	19.08		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.14	23.30	23.10	24	0
5	QPSK	1	12	22.97	23.09	22.98		
5	QPSK	1	24	23.12	23.06	23.12		
5	QPSK	12	0	22.98	23.25	23.16	24	0
5	QPSK	12	7	22.95	23.12	23.09		
5	QPSK	12	13	22.94	23.18	22.95		
5	QPSK	25	0	22.95	23.05	23.03		
5	16QAM	1	0	22.95	23.03	23.07	24	0
5	16QAM	1	12	22.97	23.20	23.03		
5	16QAM	1	24	23.03	23.16	23.04		
5	16QAM	12	0	22.18	22.11	22.24	23	1
5	16QAM	12	7	22.11	22.29	22.26		
5	16QAM	12	13	22.05	22.16	22.18		
5	16QAM	25	0	22.10	22.14	21.98		
5	64QAM	1	0	22.09	22.22	22.20	23	1
5	64QAM	1	12	22.07	22.18	22.12		
5	64QAM	1	24	22.09	22.12	22.07		
5	64QAM	12	0	21.19	21.19	21.22	22	2
5	64QAM	12	7	21.05	21.23	21.19		
5	64QAM	12	13	21.10	21.27	21.01		
5	64QAM	25	0	21.14	21.30	21.12		
5	256QAM	1	0	19.07	19.21	19.22	20	4
5	256QAM	1	12	19.11	19.09	19.04		
5	256QAM	1	24	19.11	19.26	19.21		
5	256QAM	12	0	19.06	19.13	19.09	20	4
5	256QAM	12	7	19.02	19.16	19.12		
5	256QAM	12	13	19.01	19.31	19.22		
5	256QAM	25	0	18.92	19.22	19.09		

Band 41

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	22.96	22.93	23.12	23.06	22.88	24	0
20	QPSK	1	49	22.92	22.82	23.07	23.03	22.75		
20	QPSK	1	99	22.83	22.78	22.94	22.96	22.76		
20	QPSK	50	0	22.88	22.78	23.10	22.98	22.70	24	0
20	QPSK	50	24	22.88	22.84	23.05	23.04	22.74		
20	QPSK	50	50	22.86	22.89	23.09	22.90	22.73		
20	QPSK	100	0	22.92	22.82	23.05	22.98	22.77		
20	16QAM	1	0	22.88	22.90	23.02	22.96	22.73	24	0
20	16QAM	1	49	22.86	22.91	23.01	22.88	22.75		
20	16QAM	1	99	22.90	22.80	23.05	22.98	22.71		
20	16QAM	50	0	21.94	21.95	22.10	22.09	21.88	23	1
20	16QAM	50	24	22.00	21.94	22.04	22.01	21.81		
20	16QAM	50	50	21.92	21.85	22.24	22.03	21.87		
20	16QAM	100	0	22.01	21.93	22.00	22.11	21.77		
20	64QAM	1	0	21.85	21.92	22.01	22.16	21.84	23	1
20	64QAM	1	49	21.87	21.87	22.00	22.08	21.76		
20	64QAM	1	99	21.91	22.05	22.13	22.02	21.78		
20	64QAM	50	0	21.05	20.97	21.10	20.96	20.83	22	2
20	64QAM	50	24	21.01	21.03	21.19	21.03	20.78		
20	64QAM	50	50	20.86	20.84	21.11	21.07	20.99		
20	64QAM	100	0	20.86	20.96	21.12	21.01	20.83		
20	256QAM	1	0	19.01	19.02	19.04	19.15	18.90	20	4
20	256QAM	1	49	18.96	18.91	19.04	18.95	18.94		
20	256QAM	1	99	18.90	18.83	19.19	18.95	18.79		
20	256QAM	50	0	19.05	18.96	19.03	18.99	18.97	20	4
20	256QAM	50	24	18.97	18.89	19.19	19.01	18.97		
20	256QAM	50	50	19.01	18.93	19.22	19.14	18.90		
20	256QAM	100	0	19.00	19.04	19.12	19.03	18.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.86	22.88	23.01	22.93	22.83	24	0
15	QPSK	1	37	22.76	22.66	23.01	22.87	22.57		
15	QPSK	1	74	22.77	22.69	22.80	22.90	22.65		
15	QPSK	36	0	22.76	22.74	22.93	22.94	22.52	24	0
15	QPSK	36	20	22.74	22.79	23.00	22.90	22.70		
15	QPSK	36	39	22.82	22.74	22.94	22.84	22.55		
15	QPSK	75	0	22.78	22.71	23.00	22.91	22.63		
15	16QAM	1	0	22.77	22.85	22.87	22.88	22.67	24	0
15	16QAM	1	37	22.76	22.84	22.98	22.77	22.58		
15	16QAM	1	74	22.81	22.69	22.94	22.92	22.62		
15	16QAM	36	0	21.78	21.79	22.01	21.93	21.80	23	1
15	16QAM	36	20	21.92	21.86	21.87	21.97	21.76		
15	16QAM	36	39	21.76	21.73	22.07	21.86	21.84		
15	16QAM	75	0	21.93	21.82	21.96	21.99	21.70		
15	64QAM	1	0	21.72	21.82	21.99	22.14	21.82	23	1
15	64QAM	1	37	21.85	21.83	21.95	22.04	21.69		
15	64QAM	1	74	21.77	22.02	21.97	21.94	21.73		
15	64QAM	36	0	20.93	20.85	21.04	20.90	20.74	22	2
15	64QAM	36	20	20.88	20.93	21.05	21.01	20.66		
15	64QAM	36	39	20.74	20.68	21.05	20.94	20.91		
15	64QAM	75	0	20.68	20.87	21.08	20.98	20.73		
15	256QAM	1	0	18.88	18.86	19.02	19.05	18.75	20	4
15	256QAM	1	37	18.79	18.84	18.89	18.92	18.83		
15	256QAM	1	74	18.77	18.73	19.12	18.90	18.71		
15	256QAM	36	0	18.99	18.80	18.87	18.90	18.88	20	4
15	256QAM	36	20	18.91	18.84	19.08	18.87	18.94		
15	256QAM	36	39	18.83	18.81	19.14	18.97	18.80		
15	256QAM	75	0	18.86	18.95	18.98	18.92	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	22.82	22.90	23.04	22.88	22.77	24	0
10	QPSK	1	25	22.79	22.69	22.97	22.96	22.64		
10	QPSK	1	49	22.69	22.76	22.82	22.81	22.62		
10	QPSK	25	0	22.73	22.71	22.95	22.82	22.62	24	0
10	QPSK	25	12	22.79	22.72	23.01	22.96	22.67		
10	QPSK	25	25	22.79	22.79	22.93	22.73	22.68		
10	QPSK	50	0	22.83	22.68	22.92	22.90	22.65		
10	16QAM	1	0	22.76	22.84	22.89	22.86	22.67	24	0
10	16QAM	1	25	22.75	22.86	22.91	22.82	22.62		
10	16QAM	1	49	22.85	22.66	23.02	22.90	22.57		
10	16QAM	25	0	21.77	21.79	21.94	21.93	21.72	23	1
10	16QAM	25	12	21.84	21.80	21.86	21.92	21.78		
10	16QAM	25	25	21.89	21.75	22.06	21.86	21.84		
10	16QAM	50	0	21.89	21.78	21.82	22.00	21.66		
10	64QAM	1	0	21.73	21.75	21.93	22.09	21.67	23	1
10	64QAM	1	25	21.84	21.80	21.89	21.98	21.64		
10	64QAM	1	49	21.83	21.96	21.98	21.98	21.61		
10	64QAM	25	0	20.94	20.95	21.04	20.92	20.67	22	2
10	64QAM	25	12	20.88	20.99	21.14	20.98	20.66		
10	64QAM	25	25	20.70	20.80	20.99	20.94	20.88		
10	64QAM	50	0	20.71	20.81	21.02	20.89	20.70		
10	256QAM	1	0	18.88	18.99	19.00	19.01	18.81	20	4
10	256QAM	1	25	18.88	18.78	18.91	18.83	18.78		
10	256QAM	1	49	18.75	18.77	19.07	18.87	18.72		
10	256QAM	25	0	18.91	18.84	18.88	18.84	18.82	20	4
10	256QAM	25	12	18.89	18.81	19.05	18.84	18.81		
10	256QAM	25	25	18.86	18.77	19.18	18.97	18.87		
10	256QAM	50	0	18.92	18.88	18.98	18.93	18.69		
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	22.86	22.85	23.02	22.95	22.77	24	0
5	QPSK	1	12	22.90	22.78	22.98	22.97	22.68		
5	QPSK	1	24	22.74	22.61	22.91	22.84	22.70		
5	QPSK	12	0	22.83	22.70	22.97	22.86	22.59	24	0
5	QPSK	12	7	22.86	22.67	23.01	23.02	22.63		
5	QPSK	12	13	22.79	22.77	22.92	22.86	22.63		
5	QPSK	25	0	22.86	22.77	22.96	22.83	22.62		
5	16QAM	1	0	22.85	22.87	22.98	22.90	22.70	24	0
5	16QAM	1	12	22.75	22.87	22.84	22.76	22.62		
5	16QAM	1	24	22.75	22.65	23.03	22.82	22.53		
5	16QAM	12	0	21.87	21.84	21.92	21.97	21.72	23	1
5	16QAM	12	7	21.83	21.84	21.89	21.90	21.78		
5	16QAM	12	13	21.79	21.72	22.13	21.86	21.84		
5	16QAM	25	0	21.99	21.84	21.83	21.96	21.69		
5	64QAM	1	0	21.80	21.86	21.84	22.06	21.78	23	1
5	64QAM	1	12	21.70	21.74	21.95	22.05	21.62		
5	64QAM	1	24	21.82	21.90	21.95	22.00	21.69		
5	64QAM	12	0	20.89	20.88	21.07	20.90	20.72	22	2
5	64QAM	12	7	20.95	20.86	21.04	20.94	20.61		
5	64QAM	12	13	20.75	20.77	21.07	20.96	20.87		
5	64QAM	25	0	20.76	20.81	21.06	20.86	20.77		
5	256QAM	1	0	18.92	18.89	18.93	18.99	18.84	20	4
5	256QAM	1	12	18.88	18.78	19.01	18.88	18.84		
5	256QAM	1	24	18.85	18.69	19.06	18.88	18.62		
5	256QAM	12	0	18.93	18.89	18.98	18.85	18.88	20	4
5	256QAM	12	7	18.81	18.80	19.14	18.93	18.90		
5	256QAM	12	13	18.93	18.82	19.17	19.06	18.77		
5	256QAM	25	0	18.97	18.89	19.05	18.94	18.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.10	26.12	26.14	26.05	25.96	27	0
20	QPSK	1	49	26.04	25.98	26.09	25.95	25.82		
20	QPSK	1	99	26.07	26.05	26.10	26.02	25.79		
20	QPSK	50	0	26.02	25.96	26.08	25.96	25.85	27	0
20	QPSK	50	24	25.92	26.07	26.06	26.01	25.82		
20	QPSK	50	50	25.98	25.98	25.98	26.01	25.83		
20	QPSK	100	0	25.97	26.04	26.05	25.92	25.93		
20	16QAM	1	0	26.06	26.07	26.09	25.87	25.90	27	0
20	16QAM	1	49	25.97	25.95	26.12	25.95	25.91		
20	16QAM	1	99	25.96	26.03	26.00	25.96	25.79		
20	16QAM	50	0	25.05	25.02	25.15	24.95	24.99	26	1
20	16QAM	50	24	25.01	25.02	25.08	25.05	24.90		
20	16QAM	50	50	25.12	25.09	25.02	24.98	24.97		
20	16QAM	100	0	25.16	25.12	25.22	25.11	25.00		
20	64QAM	1	0	25.05	25.17	25.20	25.12	24.84	26	1
20	64QAM	1	49	25.20	25.06	25.11	25.10	24.90		
20	64QAM	1	99	25.04	25.13	25.18	25.03	25.01		
20	64QAM	50	0	24.00	24.23	24.12	24.00	24.07	25	2
20	64QAM	50	24	24.02	24.11	24.04	24.06	23.87		
20	64QAM	50	50	24.08	24.01	24.22	23.95	23.94		
20	64QAM	100	0	24.15	24.17	24.10	24.12	23.91		
20	256QAM	1	0	22.01	22.11	22.06	21.96	21.87	23	4
20	256QAM	1	49	22.19	22.13	22.25	21.97	21.95		
20	256QAM	1	99	22.06	22.09	22.09	22.09	22.08		
20	256QAM	50	0	22.02	22.12	22.16	22.09	22.04	23	4
20	256QAM	50	24	22.08	22.24	22.23	21.96	22.06		
20	256QAM	50	50	22.21	22.15	22.16	22.11	21.87		
20	256QAM	100	0	22.06	22.03	22.04	22.16	22.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.98	26.02	25.98	25.96	25.89	27	0
15	QPSK	1	37	25.95	25.92	25.95	25.77	25.69		
15	QPSK	1	74	26.01	25.95	26.07	25.94	25.63		
15	QPSK	36	0	25.92	25.87	25.96	25.82	25.70	27	0
15	QPSK	36	20	25.76	25.92	26.03	25.86	25.79		
15	QPSK	36	39	25.90	25.86	25.88	25.92	25.79		
15	QPSK	75	0	25.93	25.92	25.91	25.83	25.81		
15	16QAM	1	0	26.01	26.04	25.97	25.78	25.77	27	0
15	16QAM	1	37	25.79	25.86	26.06	25.84	25.85		
15	16QAM	1	74	25.90	25.92	25.90	25.92	25.65		
15	16QAM	36	0	24.94	24.86	25.02	24.90	24.87	26	1
15	16QAM	36	20	24.92	24.85	25.04	25.00	24.79		
15	16QAM	36	39	24.95	24.91	24.92	24.83	24.80		
15	16QAM	75	0	25.07	25.05	25.09	24.96	24.97		
15	64QAM	1	0	24.95	25.05	25.05	25.06	24.67	26	1
15	64QAM	1	37	25.11	25.01	24.95	25.07	24.76		
15	64QAM	1	74	24.92	25.02	25.07	24.85	24.94		
15	64QAM	36	0	23.88	24.16	24.02	23.94	23.95	25	2
15	64QAM	36	20	23.98	24.07	24.01	24.00	23.74		
15	64QAM	36	39	23.98	23.96	24.15	23.92	23.78		
15	64QAM	75	0	24.05	24.09	24.03	23.96	23.81		
15	256QAM	1	0	21.96	22.03	21.91	21.91	21.71	23	4
15	256QAM	1	37	22.14	22.10	22.10	21.90	21.77		
15	256QAM	1	74	22.04	22.05	21.97	22.02	21.92		
15	256QAM	36	0	21.96	22.03	22.08	21.95	21.94	23	4
15	256QAM	36	20	21.90	22.09	22.16	21.90	22.02		
15	256QAM	36	39	22.18	22.03	22.12	22.05	21.72		
15	256QAM	75	0	22.01	21.91	21.91	21.99	21.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.04	26.06	25.96	26.00	25.86	27	0
10	QPSK	1	25	25.94	25.85	25.97	25.91	25.69		
10	QPSK	1	49	25.90	25.96	25.94	25.89	25.73		
10	QPSK	25	0	25.84	25.92	25.94	25.82	25.73	27	0
10	QPSK	25	12	25.75	26.03	25.98	25.84	25.67		
10	QPSK	25	25	25.91	25.90	25.90	25.92	25.79		
10	QPSK	50	0	25.91	25.90	25.96	25.83	25.84		
10	16QAM	1	0	25.88	26.04	26.01	25.83	25.84	27	0
10	16QAM	1	25	25.85	25.84	26.09	25.80	25.81		
10	16QAM	1	49	25.89	26.00	25.84	25.86	25.68		
10	16QAM	25	0	24.97	24.93	25.02	24.90	24.86	26	1
10	16QAM	25	12	24.85	24.85	24.98	25.02	24.79		
10	16QAM	25	25	25.03	24.99	24.89	24.89	24.90		
10	16QAM	50	0	25.11	24.97	25.04	25.02	24.89		
10	64QAM	1	0	25.00	25.15	25.14	24.96	24.76	26	1
10	64QAM	1	25	25.16	24.97	25.07	25.00	24.82		
10	64QAM	1	49	24.93	24.95	25.12	24.97	24.94		
10	64QAM	25	0	23.92	24.16	23.95	23.95	23.97	25	2
10	64QAM	25	12	23.93	23.96	23.96	24.00	23.78		
10	64QAM	25	25	23.91	23.83	24.10	23.91	23.89		
10	64QAM	50	0	24.02	24.06	23.94	23.97	23.82		
10	256QAM	1	0	21.89	21.95	21.91	21.89	21.84	23	4
10	256QAM	1	25	22.09	22.03	22.21	21.83	21.79		
10	256QAM	1	49	21.90	22.02	22.01	22.00	21.98		
10	256QAM	25	0	21.94	22.05	22.09	21.98	21.94	23	4
10	256QAM	25	12	22.00	22.18	22.11	21.91	22.02		
10	256QAM	25	25	22.09	22.08	22.12	22.02	21.84		
10	256QAM	50	0	22.00	21.90	21.93	22.00	21.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.99	26.01	26.10	25.97	25.86	27	0
5	QPSK	1	12	25.86	25.90	25.95	25.87	25.66		
5	QPSK	1	24	25.91	26.02	25.94	25.95	25.63		
5	QPSK	12	0	25.86	25.94	25.94	25.91	25.77	27	0
5	QPSK	12	7	25.89	25.96	26.03	25.83	25.74		
5	QPSK	12	13	25.83	25.80	25.91	25.93	25.71		
5	QPSK	25	0	25.91	25.86	25.99	25.88	25.83		
5	16QAM	1	0	26.03	25.96	25.93	25.79	25.87	27	0
5	16QAM	1	12	25.81	25.91	26.04	25.89	25.78		
5	16QAM	1	24	25.84	25.98	25.85	25.93	25.76		
5	16QAM	12	0	24.89	24.94	25.13	24.82	24.86	26	1
5	16QAM	12	7	24.91	24.88	25.04	24.96	24.79		
5	16QAM	12	13	25.07	24.97	24.94	24.96	24.80		
5	16QAM	25	0	25.13	24.98	25.20	24.96	24.95		
5	64QAM	1	0	24.89	25.08	25.09	24.94	24.81	26	1
5	64QAM	1	12	25.02	25.00	25.06	25.03	24.78		
5	64QAM	1	24	25.02	24.99	25.16	24.93	24.94		
5	64QAM	12	0	23.94	24.08	23.96	23.84	24.00	25	2
5	64QAM	12	7	23.86	24.05	23.90	24.00	23.80		
5	64QAM	12	13	24.05	23.94	24.11	23.79	23.83		
5	64QAM	25	0	24.05	24.06	24.04	24.03	23.83		
5	256QAM	1	0	21.94	22.07	21.90	21.82	21.83	23	4
5	256QAM	1	12	22.05	22.08	22.16	21.87	21.79		
5	256QAM	1	24	22.01	21.96	21.98	21.99	22.03		
5	256QAM	12	0	21.96	22.10	22.01	22.00	22.00	23	4
5	256QAM	12	7	21.99	22.11	22.09	21.84	21.89		
5	256QAM	12	13	22.09	22.10	22.00	21.96	21.85		
5	256QAM	25	0	21.96	22.00	22.01	22.01	21.92		

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BW [MHz]	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	24.79	24.83	24.73	25	0
20	QPSK	1	49	24.69	24.75	24.69		
20	QPSK	1	99	24.77	24.80	24.68		
20	QPSK	50	0	23.88	23.93	23.82	24	1
20	QPSK	50	24	23.72	23.74	23.78		
20	QPSK	50	50	23.85	23.77	23.80		
20	QPSK	100	0	23.85	23.86	23.76		
20	16QAM	1	0	23.80	23.89	23.65	24	1
20	16QAM	1	49	23.85	23.88	23.70		
20	16QAM	1	99	23.75	23.88	23.61		
20	16QAM	50	0	22.80	22.92	22.84	23	2
20	16QAM	50	24	22.68	22.90	22.80		
20	16QAM	50	50	22.88	22.73	22.70		
20	16QAM	100	0	22.84	22.91	22.69		
20	64QAM	1	0	22.88	22.89	22.69	23	2
20	64QAM	1	49	22.86	22.82	22.75		
20	64QAM	1	99	22.89	22.81	22.77		
20	64QAM	50	0	21.70	21.81	21.82	22	3
20	64QAM	50	24	21.74	21.73	21.84		
20	64QAM	50	50	21.76	21.72	21.73		
20	64QAM	100	0	21.69	21.82	21.80		
20	256QAM	1	0	19.77	19.86	19.67	20	5
20	256QAM	1	49	19.79	19.95	19.64		
20	256QAM	1	99	19.81	19.89	19.70		
20	256QAM	50	0	19.83	19.83	19.64	20	5
20	256QAM	50	24	19.72	19.82	19.76		
20	256QAM	50	50	19.71	19.86	19.72		
20	256QAM	100	0	19.69	19.85	19.82		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.77	24.74	24.63	25	0
15	QPSK	1	37	24.51	24.61	24.67		
15	QPSK	1	74	24.66	24.65	24.56		
15	QPSK	36	0	23.77	23.83	23.77	24	1
15	QPSK	36	20	23.65	23.62	23.65		
15	QPSK	36	39	23.76	23.64	23.73		
15	QPSK	75	0	23.82	23.72	23.73		
15	16QAM	1	0	23.66	23.75	23.50	24	1
15	16QAM	1	37	23.78	23.76	23.59		
15	16QAM	1	74	23.72	23.74	23.53		
15	16QAM	36	0	22.76	22.86	22.76	23	2
15	16QAM	36	20	22.53	22.76	22.76		
15	16QAM	36	39	22.77	22.63	22.63		
15	16QAM	75	0	22.69	22.77	22.56		
15	64QAM	1	0	22.71	22.73	22.66	23	2
15	64QAM	1	37	22.77	22.72	22.59		
15	64QAM	1	74	22.84	22.63	22.65		
15	64QAM	36	0	21.62	21.68	21.79	22	3
15	64QAM	36	20	21.56	21.65	21.53		
15	64QAM	36	39	21.71	21.55	21.66		
15	64QAM	75	0	21.52	21.69	21.75		
15	256QAM	1	0	19.65	19.72	19.53	20	5
15	256QAM	1	37	19.76	19.82	19.52		
15	256QAM	1	74	19.72	19.74	19.57		
15	256QAM	36	0	19.69	19.71	19.57	20	5
15	256QAM	36	20	19.61	19.65	19.63		
15	256QAM	36	39	19.61	19.64	19.57		
15	256QAM	75	0	19.59	19.71	19.78		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.62	24.71	24.63	25	0
10	QPSK	1	25	24.61	24.70	24.54		
10	QPSK	1	49	24.67	24.68	24.54		
10	QPSK	25	0	23.80	23.82	23.80	24	1
10	QPSK	25	12	23.65	23.67	23.69		
10	QPSK	25	25	23.72	23.65	23.72		
10	QPSK	50	0	23.72	23.83	23.70		
10	16QAM	1	0	23.63	23.83	23.53	24	1
10	16QAM	1	25	23.71	23.86	23.60		
10	16QAM	1	49	23.70	23.80	23.48		
10	16QAM	25	0	22.77	22.88	22.79	23	2
10	16QAM	25	12	22.59	22.87	22.66		
10	16QAM	25	25	22.71	22.59	22.66		
10	16QAM	50	0	22.79	22.88	22.65		
10	64QAM	1	0	22.74	22.72	22.66	23	2
10	64QAM	1	25	22.73	22.70	22.66		
10	64QAM	1	49	22.76	22.66	22.71		
10	64QAM	25	0	21.66	21.65	21.64	22	3
10	64QAM	25	12	21.69	21.70	21.54		
10	64QAM	25	25	21.74	21.60	21.59		
10	64QAM	50	0	21.63	21.67	21.67		
10	256QAM	1	0	19.63	19.72	19.56	20	5
10	256QAM	1	25	19.68	19.80	19.46		
10	256QAM	1	49	19.72	19.78	19.57		
10	256QAM	25	0	19.73	19.73	19.46	20	5
10	256QAM	25	12	19.68	19.73	19.65		
10	256QAM	25	25	19.68	19.78	19.58		
10	256QAM	50	0	19.58	19.73	19.70		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.72	24.71	24.56	25	0
5	QPSK	1	12	24.54	24.63	24.61		
5	QPSK	1	24	24.71	24.63	24.65		
5	QPSK	12	0	23.79	23.81	23.72	24	1
5	QPSK	12	7	23.63	23.56	23.71		
5	QPSK	12	13	23.72	23.64	23.72		
5	QPSK	25	0	23.75	23.69	23.64		
5	16QAM	1	0	23.72	23.86	23.48	24	1
5	16QAM	1	12	23.81	23.72	23.62		
5	16QAM	1	24	23.64	23.78	23.53		
5	16QAM	12	0	22.71	22.80	22.67	23	2
5	16QAM	12	7	22.56	22.78	22.69		
5	16QAM	12	13	22.84	22.70	22.59		
5	16QAM	25	0	22.81	22.78	22.65		
5	64QAM	1	0	22.74	22.83	22.58	23	2
5	64QAM	1	12	22.75	22.65	22.70		
5	64QAM	1	24	22.78	22.64	22.66		
5	64QAM	12	0	21.55	21.69	21.78	22	3
5	64QAM	12	7	21.67	21.58	21.62		
5	64QAM	12	13	21.70	21.55	21.60		
5	64QAM	25	0	21.54	21.75	21.74		
5	256QAM	1	0	19.69	19.82	19.50	20	5
5	256QAM	1	12	19.65	19.87	19.53		
5	256QAM	1	24	19.68	19.75	19.54		
5	256QAM	12	0	19.81	19.75	19.58	20	5
5	256QAM	12	7	19.67	19.76	19.63		
5	256QAM	12	13	19.64	19.70	19.68		
5	256QAM	25	0	19.66	19.81	19.70		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	23.10	23.37	23.03	23.02	24	0
20	QPSK	1	49	23.00	23.27	22.91	22.88		
20	QPSK	1	99	22.96	23.25	22.97	22.90		
20	QPSK	50	0	22.99	23.34	22.95	22.96	24	0
20	QPSK	50	24	23.05	23.33	22.96	22.85		
20	QPSK	50	50	23.06	23.30	22.94	22.92		
20	QPSK	100	0	23.07	23.29	23.00	22.95		
20	16QAM	1	0	23.06	23.35	22.93	22.89	24	0
20	16QAM	1	49	22.95	23.22	22.97	22.92		
20	16QAM	1	99	22.95	23.20	22.98	22.99		
20	16QAM	50	0	22.02	22.36	22.00	21.98	23	1
20	16QAM	50	24	22.16	22.26	21.93	22.08		
20	16QAM	50	50	22.13	22.30	21.94	22.03		
20	16QAM	100	0	22.20	22.27	21.97	21.95		
20	64QAM	1	0	22.02	22.30	22.12	22.11	23	1
20	64QAM	1	49	22.18	22.38	22.11	21.91		
20	64QAM	1	99	22.01	22.33	22.01	22.00		
20	64QAM	50	0	21.05	21.39	21.02	20.93	22	2
20	64QAM	50	24	21.04	21.29	21.04	21.10		
20	64QAM	50	50	21.00	21.25	20.91	20.98		
20	64QAM	100	0	21.11	21.41	21.11	20.92		
20	256QAM	1	0	19.02	19.30	19.10	18.96	20	4
20	256QAM	1	49	19.00	19.46	19.04	18.98		
20	256QAM	1	99	18.99	19.41	19.02	19.14		
20	256QAM	50	0	19.17	19.38	19.04	19.06	20	4
20	256QAM	50	24	19.16	19.45	19.06	18.97		
20	256QAM	50	50	19.02	19.47	18.98	18.98		
20	256QAM	100	0	19.18	19.34	19.04	19.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	22.94	23.22	22.88	22.97	24	0
15	QPSK	1	37	22.93	23.16	22.78	22.72		
15	QPSK	1	74	22.87	23.08	22.87	22.75		
15	QPSK	36	0	22.94	23.31	22.88	22.82	24	0
15	QPSK	36	20	22.90	23.17	22.86	22.82		
15	QPSK	36	39	22.97	23.26	22.83	22.88		
15	QPSK	75	0	22.94	23.16	22.84	22.78		
15	16QAM	1	0	23.02	23.24	22.87	22.91	24	0
15	16QAM	1	37	22.93	23.18	22.91	22.85		
15	16QAM	1	74	22.84	23.09	22.90	22.94		
15	16QAM	36	0	22.20	22.44	22.06	21.98	23	1
15	16QAM	36	20	22.18	22.28	21.99	22.04		
15	16QAM	36	39	22.13	22.31	22.04	22.05		
15	16QAM	75	0	22.13	22.13	21.88	21.87		
15	64QAM	1	0	21.99	22.17	22.03	21.97	23	1
15	64QAM	1	37	22.00	22.22	22.05	21.80		
15	64QAM	1	74	21.90	22.24	21.95	21.95		
15	64QAM	36	0	20.96	21.36	20.87	20.89	22	2
15	64QAM	36	20	20.97	21.20	20.97	21.06		
15	64QAM	36	39	20.87	21.09	20.87	20.95		
15	64QAM	75	0	20.97	21.35	21.03	20.88		
15	256QAM	1	0	19.07	19.30	19.05	19.10	20	4
15	256QAM	1	37	19.05	19.41	18.94	18.96		
15	256QAM	1	74	19.05	19.44	18.95	18.96		
15	256QAM	36	0	19.08	19.25	18.88	18.95	20	4
15	256QAM	36	20	19.05	19.37	18.96	18.93		
15	256QAM	36	39	18.95	19.31	18.92	18.91		
15	256QAM	75	0	19.13	19.29	18.92	19.00		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	22.93	23.30	22.95	22.95	24	0
10	QPSK	1	25	23.03	23.33	22.96	22.95		
10	QPSK	1	49	22.86	23.20	22.89	22.83		
10	QPSK	25	0	22.93	23.18	22.82	22.89	24	0
10	QPSK	25	12	23.00	23.17	22.84	22.80		
10	QPSK	25	25	22.97	23.14	22.78	22.78		
10	QPSK	50	0	22.96	23.12	22.90	22.85		
10	16QAM	1	0	22.93	23.21	22.87	22.72	24	0
10	16QAM	1	25	22.78	23.19	22.92	22.80		
10	16QAM	1	49	22.84	23.03	22.95	22.92		
10	16QAM	25	0	21.93	22.31	21.93	21.87	23	1
10	16QAM	25	12	22.10	22.15	21.83	21.98		
10	16QAM	25	25	22.02	22.15	21.83	21.97		
10	16QAM	50	0	22.02	22.20	21.79	21.80		
10	64QAM	1	0	21.99	22.20	22.02	21.93	23	1
10	64QAM	1	25	22.13	22.32	22.06	21.85		
10	64QAM	1	49	21.94	22.31	21.95	21.89		
10	64QAM	25	0	21.02	21.22	20.92	20.82	22	2
10	64QAM	25	12	20.96	21.13	20.97	20.97		
10	64QAM	25	25	20.92	21.08	20.85	20.83		
10	64QAM	50	0	20.96	21.33	21.05	20.85		
10	256QAM	1	0	19.14	19.28	18.93	18.90	20	4
10	256QAM	1	25	19.05	19.33	18.95	19.05		
10	256QAM	1	49	18.89	19.30	18.87	19.04		
10	256QAM	25	0	19.02	19.26	19.10	18.92	20	4
10	256QAM	25	12	19.16	19.31	19.14	18.90		
10	256QAM	25	25	19.15	19.35	18.91	19.14		
10	256QAM	50	0	19.03	19.32	18.88	18.99		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	23.01	23.22	22.97	22.84	24	0
5	QPSK	1	12	22.86	23.16	22.88	22.76		
5	QPSK	1	24	22.89	23.09	22.84	22.75		
5	QPSK	12	0	22.95	23.28	22.92	22.89	24	0
5	QPSK	12	7	22.99	23.27	22.85	22.94		
5	QPSK	12	13	22.95	23.15	22.84	22.80		
5	QPSK	25	0	22.99	23.16	22.83	22.80		
5	16QAM	1	0	23.04	23.23	22.76	22.83	24	0
5	16QAM	1	12	22.84	23.19	22.86	22.88		
5	16QAM	1	24	22.81	23.17	22.85	22.86		
5	16QAM	12	0	21.88	22.26	21.93	21.86	23	1
5	16QAM	12	7	22.01	22.20	21.84	21.96		
5	16QAM	12	13	22.08	22.15	21.85	22.01		
5	16QAM	25	0	22.18	22.24	21.90	21.88		
5	64QAM	1	0	21.97	22.12	22.01	22.09	23	1
5	64QAM	1	12	22.02	22.25	21.97	21.83		
5	64QAM	1	24	21.91	22.26	21.94	21.88		
5	64QAM	12	0	21.09	21.31	21.06	21.05	22	2
5	64QAM	12	7	21.19	21.39	20.92	21.07		
5	64QAM	12	13	21.04	21.40	21.01	21.09		
5	64QAM	25	0	21.06	21.30	21.07	20.88		
5	256QAM	1	0	18.90	19.15	19.01	18.92	20	4
5	256QAM	1	12	18.97	19.30	18.94	18.85		
5	256QAM	1	24	18.83	19.25	18.92	19.10		
5	256QAM	12	0	19.14	19.45	19.03	18.96	20	4
5	256QAM	12	7	19.19	19.44	19.11	19.13		
5	256QAM	12	13	19.15	19.32	19.01	18.95		
5	256QAM	25	0	19.07	19.20	18.88	19.08		

Reduced Power Mode for DSI2

GSM850	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	128	189	251	(dBm)	128	189	251	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.93	30.97	31.23	32.50	21.93	21.97	22.23	23.50
GPRS 1 Tx slot	30.84	30.88	31.13	32.50	21.84	21.88	22.13	23.50
GPRS 2 Tx slots	28.42	28.44	28.46	29.50	22.42	22.44	22.46	23.50
GPRS 3 Tx slots	26.74	26.82	26.96	27.50	22.48	22.56	22.70	23.24
GPRS 4 Tx slots	25.25	25.17	25.45	26.50	22.25	22.17	22.45	23.50
EDGE 1 Tx slot	24.47	24.51	24.44	25.50	15.47	15.51	15.44	16.50
EDGE 2 Tx slots	23.13	23.35	23.31	24.50	17.13	17.35	17.31	18.50
EDGE 3 Tx slots	21.31	21.77	21.78	23.00	17.05	17.51	17.52	18.74
EDGE 4 Tx slots	19.79	19.74	19.72	21.00	16.79	16.74	16.72	18.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel	512	661	810	(dBm)	512	661	810	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.97	28.13	27.95	29.00	18.97	19.13	18.95	20.00
GPRS 1 Tx slot	27.94	28.08	27.91	29.00	18.94	19.08	18.91	20.00
GPRS 2 Tx slots	25.55	25.41	25.34	26.50	19.55	19.41	19.34	20.50
GPRS 3 Tx slots	23.58	23.63	23.71	24.50	19.32	19.37	19.45	20.24
GPRS 4 Tx slots	21.56	21.85	21.42	23.00	18.56	18.85	18.42	20.00
EDGE 1 Tx slot	23.29	23.37	23.35	24.50	14.29	14.37	14.35	15.50
EDGE 2 Tx slots	22.42	22.19	22.30	23.50	16.42	16.19	16.30	17.50
EDGE 3 Tx slots	20.49	20.87	20.80	22.00	16.23	16.61	16.54	17.74
EDGE 4 Tx slots	18.56	18.84	18.85	20.00	15.56	15.84	15.85	17.00

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			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	22.82	22.90	23.06	24.00	22.98	22.99	23.06	24.00	22.90	22.96	22.86	24.00
3GPP Rel 99	RMC 12.2Kbps	22.98	23.11	23.08	24.00	23.10	23.19	23.17	24.00	23.01	23.03	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	21.89	22.05	22.16	23.00	22.07	22.25	22.16	23.00	22.00	21.88	21.94	23.00
3GPP Rel 6	HSDPA Subtest-2	22.03	22.06	22.08	23.00	22.09	22.09	22.18	23.00	22.06	22.09	22.04	23.00
3GPP Rel 6	HSDPA Subtest-3	21.37	21.58	21.48	22.50	21.51	21.60	21.68	22.50	21.48	21.47	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	21.37	21.54	21.53	22.50	21.49	21.59	21.68	22.50	21.62	21.62	21.60	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.03	22.06	22.08	23.00	22.01	22.31	22.07	23.00	21.90	22.11	22.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.93	22.12	21.96	23.00	22.21	22.08	22.23	23.00	22.02	21.94	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.59	21.65	21.66	22.50	21.71	21.66	21.67	22.50	21.48	21.39	21.42	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.54	21.68	21.54	22.50	21.56	21.65	21.69	22.50	21.46	21.39	21.46	22.50
3GPP Rel 6	HSUPA Subtest-1	21.96	22.10	22.15	23.00	22.12	22.24	22.15	23.00	21.95	21.97	21.86	23.00
3GPP Rel 6	HSUPA Subtest-2	19.89	20.06	20.18	21.00	20.12	20.11	20.22	21.00	20.15	20.16	20.11	21.00
3GPP Rel 6	HSUPA Subtest-3	21.07	21.06	21.10	22.00	21.05	21.14	21.25	22.00	21.14	21.02	20.97	22.00
3GPP Rel 6	HSUPA Subtest-4	19.93	20.06	20.10	21.00	20.05	20.16	20.22	21.00	20.14	20.14	19.95	21.00
3GPP Rel 6	HSUPA Subtest-5	22.07	22.21	22.15	23.00	22.12	22.11	22.18	23.00	22.00	21.91	21.99	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.42	19.52	19.60	20.50	19.66	19.78	19.58	20.50	19.53	19.43	19.36	20.50

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.59	22.81	22.56	24	0
20	QPSK	1	49	22.55	22.68	22.45		
20	QPSK	1	99	22.42	22.68	22.39		
20	QPSK	50	0	22.44	22.79	22.47	24	0
20	QPSK	50	24	22.45	22.72	22.52		
20	QPSK	50	50	22.46	22.77	22.44		
20	QPSK	100	0	22.44	22.74	22.46		
20	16QAM	1	0	22.52	22.75	22.44	24	0
20	16QAM	1	49	22.51	22.78	22.44		
20	16QAM	1	99	22.44	22.68	22.39		
20	16QAM	50	0	21.58	21.77	21.60	23	1
20	16QAM	50	24	21.59	21.75	21.55		
20	16QAM	50	50	21.59	21.78	21.52		
20	16QAM	100	0	21.53	21.73	21.55		
20	64QAM	1	0	21.52	21.88	21.55	23	1
20	64QAM	1	49	21.63	21.81	21.63		
20	64QAM	1	99	21.60	21.74	21.62		
20	64QAM	50	0	20.62	20.86	20.61	22	2
20	64QAM	50	24	20.56	20.88	20.50		
20	64QAM	50	50	20.62	20.76	20.61		
20	64QAM	100	0	20.62	20.75	20.57		
20	256QAM	1	0	18.54	18.78	18.60	20	4
20	256QAM	1	49	18.53	18.83	18.63		
20	256QAM	1	99	18.62	18.89	18.60		
20	256QAM	50	0	18.51	18.75	18.62	20	4
20	256QAM	50	24	18.51	18.79	18.50		
20	256QAM	50	50	18.58	18.79	18.50		
20	256QAM	100	0	18.59	18.85	18.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.54	22.68	22.41	24	0
15	QPSK	1	37	22.50	22.58	22.30		
15	QPSK	1	74	22.26	22.51	22.34		
15	QPSK	36	0	22.31	22.75	22.41	24	0
15	QPSK	36	20	22.28	22.55	22.50		
15	QPSK	36	39	22.32	22.71	22.33		
15	QPSK	75	0	22.26	22.64	22.41		
15	16QAM	1	0	22.35	22.70	22.37	24	0
15	16QAM	1	37	22.41	22.66	22.39		
15	16QAM	1	74	22.32	22.53	22.37		
15	16QAM	36	0	21.44	21.66	21.57	23	1
15	16QAM	36	20	21.41	21.65	21.37		
15	16QAM	36	39	21.49	21.65	21.39		
15	16QAM	75	0	21.43	21.60	21.45		
15	64QAM	1	0	21.42	21.72	21.45	23	1
15	64QAM	1	37	21.59	21.69	21.52		
15	64QAM	1	74	21.46	21.65	21.50		
15	64QAM	36	0	20.46	20.83	20.45	22	2
15	64QAM	36	20	20.51	20.84	20.43		
15	64QAM	36	39	20.55	20.59	20.56		
15	64QAM	75	0	20.55	20.68	20.44		
15	256QAM	1	0	18.49	18.66	18.46	20	4
15	256QAM	1	37	18.39	18.69	18.60		
15	256QAM	1	74	18.54	18.82	18.43		
15	256QAM	36	0	18.45	18.66	18.51	20	4
15	256QAM	36	20	18.45	18.65	18.45		
15	256QAM	36	39	18.43	18.63	18.46		
15	256QAM	75	0	18.50	18.83	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.54	22.71	22.40	24	0
10	QPSK	1	25	22.51	22.63	22.28		
10	QPSK	1	49	22.29	22.60	22.32		
10	QPSK	25	0	22.41	22.67	22.35	24	0
10	QPSK	25	12	22.42	22.68	22.37		
10	QPSK	25	25	22.35	22.60	22.31		
10	QPSK	50	0	22.41	22.66	22.34		
10	16QAM	1	0	22.46	22.70	22.41	24	0
10	16QAM	1	25	22.47	22.71	22.36		
10	16QAM	1	49	22.26	22.61	22.24		
10	16QAM	25	0	21.47	21.67	21.47	23	1
10	16QAM	25	12	21.52	21.65	21.46		
10	16QAM	25	25	21.44	21.67	21.45		
10	16QAM	50	0	21.45	21.57	21.49		
10	64QAM	1	0	21.48	21.82	21.41	23	1
10	64QAM	1	25	21.56	21.72	21.52		
10	64QAM	1	49	21.49	21.63	21.57		
10	64QAM	25	0	20.50	20.84	20.44	22	2
10	64QAM	25	12	20.40	20.80	20.42		
10	64QAM	25	25	20.50	20.59	20.53		
10	64QAM	50	0	20.46	20.59	20.48		
10	256QAM	1	0	18.45	18.63	18.49	20	4
10	256QAM	1	25	18.50	18.79	18.48		
10	256QAM	1	49	18.57	18.79	18.51		
10	256QAM	25	0	18.44	18.58	18.53	20	4
10	256QAM	25	12	18.34	18.65	18.44		
10	256QAM	25	25	18.55	18.74	18.38		
10	256QAM	50	0	18.43	18.70	18.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.52	22.70	22.53	24	0
5	QPSK	1	12	22.40	22.64	22.36		
5	QPSK	1	24	22.25	22.61	22.35		
5	QPSK	12	0	22.41	22.74	22.32	24	0
5	QPSK	12	7	22.35	22.67	22.48		
5	QPSK	12	13	22.42	22.72	22.38		
5	QPSK	25	0	22.37	22.60	22.39		
5	16QAM	1	0	22.43	22.63	22.30	24	0
5	16QAM	1	12	22.35	22.66	22.28		
5	16QAM	1	24	22.35	22.64	22.30		
5	16QAM	12	0	21.45	21.73	21.50	23	1
5	16QAM	12	7	21.51	21.72	21.47		
5	16QAM	12	13	21.54	21.64	21.37		
5	16QAM	25	0	21.39	21.57	21.46		
5	64QAM	1	0	21.40	21.73	21.51	23	1
5	64QAM	1	12	21.53	21.72	21.52		
5	64QAM	1	24	21.52	21.65	21.55		
5	64QAM	12	0	20.48	20.77	20.54	22	2
5	64QAM	12	7	20.49	20.75	20.39		
5	64QAM	12	13	20.57	20.69	20.52		
5	64QAM	25	0	20.45	20.66	20.41		
5	256QAM	1	0	18.45	18.67	18.45	20	4
5	256QAM	1	12	18.43	18.76	18.49		
5	256QAM	1	24	18.49	18.74	18.53		
5	256QAM	12	0	18.48	18.65	18.54	20	4
5	256QAM	12	7	18.34	18.73	18.44		
5	256QAM	12	13	18.45	18.69	18.35		
5	256QAM	25	0	18.53	18.67	18.49		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.43	22.71	22.40	24	0
3	QPSK	1	8	22.44	22.55	22.42		
3	QPSK	1	14	22.35	22.64	22.31		
3	QPSK	8	0	22.31	22.67	22.38	24	0
3	QPSK	8	4	22.27	22.61	22.34		
3	QPSK	8	7	22.42	22.75	22.29		
3	QPSK	15	0	22.33	22.68	22.32		
3	16QAM	1	0	22.36	22.64	22.28	24	0
3	16QAM	1	8	22.35	22.69	22.34		
3	16QAM	1	14	22.39	22.59	22.34		
3	16QAM	8	0	21.52	21.59	21.57	23	1
3	16QAM	8	4	21.44	21.69	21.39		
3	16QAM	8	7	21.56	21.71	21.44		
3	16QAM	15	0	21.45	21.59	21.49		
3	64QAM	1	0	21.48	21.77	21.51	23	1
3	64QAM	1	8	21.46	21.69	21.57		
3	64QAM	1	14	21.46	21.56	21.53		
3	64QAM	8	0	20.47	20.79	20.57	22	2
3	64QAM	8	4	20.50	20.70	20.46		
3	64QAM	8	7	20.48	20.71	20.53		
3	64QAM	15	0	20.57	20.61	20.55		
3	256QAM	1	0	18.48	18.64	18.50	20	4
3	256QAM	1	8	18.36	18.80	18.61		
3	256QAM	1	14	18.47	18.81	18.57		
3	256QAM	8	0	18.47	18.66	18.58	20	4
3	256QAM	8	4	18.45	18.65	18.35		
3	256QAM	8	7	18.45	18.73	18.45		
3	256QAM	15	0	18.48	18.78	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.49	22.68	22.45	24	0
1.4	QPSK	1	3	22.43	22.69	22.51		
1.4	QPSK	1	5	22.47	22.69	22.49		
1.4	QPSK	3	0	22.45	22.78	22.38		
1.4	QPSK	3	1	22.48	22.64	22.53		
1.4	QPSK	3	3	22.54	22.75	22.46		
1.4	QPSK	6	0	22.49	22.74	22.41	24	0
1.4	16QAM	1	0	22.56	22.74	22.49	24	0
1.4	16QAM	1	3	22.54	22.70	22.48		
1.4	16QAM	1	5	22.45	22.65	22.46		
1.4	16QAM	3	0	22.43	22.69	22.41		
1.4	16QAM	3	1	22.52	22.77	22.40		
1.4	16QAM	3	3	22.44	22.69	22.46		
1.4	16QAM	6	0	21.66	21.94	21.71	23	1
1.4	64QAM	1	0	21.45	21.76	21.67	23	1
1.4	64QAM	1	3	21.66	21.95	21.62		
1.4	64QAM	1	5	21.65	21.89	21.69		
1.4	64QAM	3	0	21.60	21.88	21.44		
1.4	64QAM	3	1	21.52	21.72	21.44		
1.4	64QAM	3	3	21.74	21.75	21.52		
1.4	64QAM	6	0	20.66	20.89	20.57	22	2
1.4	256QAM	1	0	18.57	18.79	18.63	20	4
1.4	256QAM	1	3	18.63	18.96	18.66		
1.4	256QAM	1	5	18.59	18.71	18.56		
1.4	256QAM	3	0	18.50	18.88	18.70		
1.4	256QAM	3	1	18.60	18.77	18.60		
1.4	256QAM	3	3	18.73	18.70	18.59		
1.4	256QAM	6	0	18.44	18.92	18.52	20	4

Band 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	22.97	23.09	23.07	24	0
20	QPSK	1	49	22.91	23.07	22.99		
20	QPSK	1	99	22.91	23.07	22.92		
20	QPSK	50	0	22.82	23.08	22.89	24	0
20	QPSK	50	24	22.94	22.99	23.05		
20	QPSK	50	50	22.82	23.02	22.90		
20	QPSK	100	0	22.94	23.06	23.04		
20	16QAM	1	0	22.80	22.91	23.00	24	0
20	16QAM	1	49	22.86	23.01	22.98		
20	16QAM	1	99	22.86	22.98	23.03		
20	16QAM	50	0	22.11	21.98	21.95	23	1
20	16QAM	50	24	22.04	22.08	22.22		
20	16QAM	50	50	21.96	22.10	21.98		
20	16QAM	100	0	21.88	22.22	21.97		
20	64QAM	1	0	21.82	21.94	22.02	23	1
20	64QAM	1	49	21.84	22.24	22.12		
20	64QAM	1	99	21.95	22.15	21.93		
20	64QAM	50	0	21.11	21.06	20.93	22	2
20	64QAM	50	24	21.11	20.95	21.10		
20	64QAM	50	50	20.99	21.03	20.93		
20	64QAM	100	0	20.95	21.19	21.04		
20	256QAM	1	0	18.93	19.15	19.12	20	4
20	256QAM	1	49	19.10	19.00	19.17		
20	256QAM	1	99	18.92	19.01	18.97		
20	256QAM	50	0	18.89	19.04	18.95	20	4
20	256QAM	50	24	18.97	18.98	19.21		
20	256QAM	50	50	19.03	19.06	19.09		
20	256QAM	100	0	18.98	19.17	19.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.86	22.97	22.90	24	0
15	QPSK	1	37	22.74	23.04	22.91		
15	QPSK	1	74	22.84	22.99	22.77		
15	QPSK	36	0	22.72	23.04	22.74	24	0
15	QPSK	36	20	22.84	22.90	22.96		
15	QPSK	36	39	22.79	22.96	22.79		
15	QPSK	75	0	22.91	22.90	22.97		
15	16QAM	1	0	22.74	22.73	22.88	24	0
15	16QAM	1	37	22.73	22.93	22.91		
15	16QAM	1	74	22.72	22.88	22.96		
15	16QAM	36	0	22.02	21.91	21.83	23	1
15	16QAM	36	20	21.99	22.01	22.19		
15	16QAM	36	39	21.84	21.96	21.81		
15	16QAM	75	0	21.70	22.11	21.93		
15	64QAM	1	0	21.71	21.83	21.96	23	1
15	64QAM	1	37	21.81	22.09	21.98		
15	64QAM	1	74	21.77	22.09	21.90		
15	64QAM	36	0	21.01	21.00	20.87	22	2
15	64QAM	36	20	21.04	20.81	21.08		
15	64QAM	36	39	20.83	21.01	20.89		
15	64QAM	75	0	20.92	21.04	20.94		
15	256QAM	1	0	18.80	19.12	18.96	20	4
15	256QAM	1	37	19.01	18.85	19.00		
15	256QAM	1	74	18.76	18.96	18.94		
15	256QAM	36	0	18.83	18.87	18.91	20	4
15	256QAM	36	20	18.87	18.86	19.17		
15	256QAM	36	39	18.98	18.96	18.96		
15	256QAM	75	0	18.84	19.12	18.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.94	22.92	22.99	24	0
10	QPSK	1	25	22.84	22.94	22.83		
10	QPSK	1	49	22.88	23.05	22.85		
10	QPSK	25	0	22.66	22.96	22.76	24	0
10	QPSK	25	12	22.88	22.85	22.99		
10	QPSK	25	25	22.77	22.91	22.80		
10	QPSK	50	0	22.91	22.96	22.90		
10	16QAM	1	0	22.76	22.88	22.95	24	0
10	16QAM	1	25	22.81	22.88	22.96		
10	16QAM	1	49	22.74	22.89	23.01		
10	16QAM	25	0	22.01	21.91	21.82	23	1
10	16QAM	25	12	21.89	21.97	22.16		
10	16QAM	25	25	21.87	21.99	21.87		
10	16QAM	50	0	21.74	22.10	21.80		
10	64QAM	1	0	21.69	21.83	21.86	23	1
10	64QAM	1	25	21.74	22.08	21.98		
10	64QAM	1	49	21.86	22.13	21.86		
10	64QAM	25	0	21.03	20.96	20.88	22	2
10	64QAM	25	12	21.06	20.90	20.95		
10	64QAM	25	25	20.91	21.01	20.86		
10	64QAM	50	0	20.86	21.04	21.01		
10	256QAM	1	0	18.83	19.13	19.04	20	4
10	256QAM	1	25	19.04	18.97	19.02		
10	256QAM	1	49	18.85	18.86	18.82		
10	256QAM	25	0	18.71	18.96	18.91	20	4
10	256QAM	25	12	18.85	18.93	19.04		
10	256QAM	25	25	18.86	19.01	18.98		
10	256QAM	50	0	18.95	19.03	19.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.82	22.94	22.91	24	0
5	QPSK	1	12	22.89	22.96	22.93		
5	QPSK	1	24	22.83	22.93	22.76		
5	QPSK	12	0	22.71	22.93	22.86	24	0
5	QPSK	12	7	22.92	22.92	23.02		
5	QPSK	12	13	22.70	22.84	22.79		
5	QPSK	25	0	22.84	22.94	22.89		
5	16QAM	1	0	22.73	22.82	22.97	24	0
5	16QAM	1	12	22.69	22.97	22.93		
5	16QAM	1	24	22.74	22.91	22.92		
5	16QAM	12	0	21.96	21.93	21.91	23	1
5	16QAM	12	7	21.92	22.00	22.18		
5	16QAM	12	13	21.84	21.98	21.82		
5	16QAM	25	0	21.74	22.20	21.89		
5	64QAM	1	0	21.69	21.84	21.89	23	1
5	64QAM	1	12	21.73	22.16	21.98		
5	64QAM	1	24	21.81	22.00	21.89		
5	64QAM	12	0	20.98	21.01	20.76	22	2
5	64QAM	12	7	21.07	20.78	21.00		
5	64QAM	12	13	20.89	20.92	20.86		
5	64QAM	25	0	20.82	21.17	20.96		
5	256QAM	1	0	18.77	19.01	19.08	20	4
5	256QAM	1	12	19.00	18.97	19.00		
5	256QAM	1	24	18.89	18.89	18.79		
5	256QAM	12	0	18.83	18.92	18.89	20	4
5	256QAM	12	7	18.85	18.93	19.06		
5	256QAM	12	13	19.01	18.93	18.95		
5	256QAM	25	0	18.90	19.09	18.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.94	22.95	22.97	24	0
3	QPSK	1	8	22.77	23.02	22.84		
3	QPSK	1	14	22.87	23.00	22.79		
3	QPSK	8	0	22.76	22.92	22.78	24	0
3	QPSK	8	4	22.79	22.95	22.99		
3	QPSK	8	7	22.69	22.86	22.78		
3	QPSK	15	0	22.83	23.00	23.01		
3	16QAM	1	0	22.77	22.86	22.91	24	0
3	16QAM	1	8	22.79	22.94	22.86		
3	16QAM	1	14	22.72	22.89	22.98		
3	16QAM	8	0	22.05	21.86	21.89	23	1
3	16QAM	8	4	21.86	21.93	22.16		
3	16QAM	8	7	21.79	22.01	21.93		
3	16QAM	15	0	21.70	22.15	21.85		
3	64QAM	1	0	21.80	21.91	21.99	23	1
3	64QAM	1	8	21.80	22.21	22.07		
3	64QAM	1	14	21.79	22.06	21.82		
3	64QAM	8	0	20.96	20.90	20.85	22	2
3	64QAM	8	4	21.06	20.77	21.02		
3	64QAM	8	7	20.93	20.96	20.79		
3	64QAM	15	0	20.82	21.02	20.94		
3	256QAM	1	0	18.81	19.02	19.03	20	4
3	256QAM	1	8	18.95	18.96	19.08		
3	256QAM	1	14	18.84	18.84	18.80		
3	256QAM	8	0	18.82	19.02	18.88	20	4
3	256QAM	8	4	18.84	18.88	19.04		
3	256QAM	8	7	18.87	19.03	18.93		
3	256QAM	15	0	18.89	19.06	18.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.81	23.05	23.03	24	0
1.4	QPSK	1	3	22.80	22.98	22.93		
1.4	QPSK	1	5	22.84	23.01	22.99		
1.4	QPSK	3	0	22.85	22.93	22.95		
1.4	QPSK	3	1	22.90	22.97	22.95		
1.4	QPSK	3	3	22.94	22.96	23.05		
1.4	QPSK	6	0	22.86	22.95	22.89	24	0
1.4	16QAM	1	0	22.84	22.92	22.95	24	0
1.4	16QAM	1	3	22.88	22.97	22.99		
1.4	16QAM	1	5	22.90	22.99	22.96		
1.4	16QAM	3	0	22.93	23.03	22.90		
1.4	16QAM	3	1	22.92	22.92	22.94		
1.4	16QAM	3	3	22.92	22.96	22.93		
1.4	16QAM	6	0	21.99	21.95	22.07	23	1
1.4	64QAM	1	0	21.92	22.10	21.95	23	1
1.4	64QAM	1	3	21.88	22.10	22.17		
1.4	64QAM	1	5	22.09	22.07	22.00		
1.4	64QAM	3	0	22.04	22.20	22.08		
1.4	64QAM	3	1	21.96	22.01	21.92		
1.4	64QAM	3	3	21.92	22.19	22.20		
1.4	64QAM	6	0	20.88	21.18	21.18	22	2
1.4	256QAM	1	0	19.03	18.98	19.04	20	4
1.4	256QAM	1	3	19.07	19.23	18.96		
1.4	256QAM	1	5	19.10	19.20	18.95		
1.4	256QAM	3	0	18.99	19.07	19.08		
1.4	256QAM	3	1	18.83	18.96	19.15		
1.4	256QAM	3	3	18.95	19.19	19.07		
1.4	256QAM	6	0	18.90	19.07	19.18	20	4

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.76	22.85	22.61	24	0
10	QPSK	1	25	22.59	22.72	22.55		
10	QPSK	1	49	22.71	22.73	22.53		
10	QPSK	25	0	22.62	22.78	22.48	24	0
10	QPSK	25	12	22.70	22.77	22.48		
10	QPSK	25	25	22.66	22.68	22.44		
10	QPSK	50	0	22.66	22.70	22.43		
10	16QAM	1	0	22.60	22.82	22.56	24	0
10	16QAM	1	25	22.61	22.67	22.53		
10	16QAM	1	49	22.67	22.73	22.50		
10	16QAM	25	0	21.73	21.92	21.60	23	1
10	16QAM	25	12	21.82	21.83	21.61		
10	16QAM	25	25	21.80	21.87	21.57		
10	16QAM	50	0	21.76	21.84	21.62		
10	64QAM	1	0	21.72	21.87	21.62	23	1
10	64QAM	1	25	21.82	21.92	21.63		
10	64QAM	1	49	21.82	21.91	21.68		
10	64QAM	25	0	20.69	20.78	20.68	22	2
10	64QAM	25	12	20.80	20.86	20.60		
10	64QAM	25	25	20.74	20.88	20.56		
10	64QAM	50	0	20.69	20.92	20.58		
10	256QAM	1	0	18.74	18.82	18.62	20	4
10	256QAM	1	25	18.77	18.86	18.63		
10	256QAM	1	49	18.70	18.83	18.55		
10	256QAM	25	0	18.77	18.84	18.55	20	4
10	256QAM	25	12	18.72	18.82	18.64		
10	256QAM	25	25	18.78	18.79	18.62		
10	256QAM	50	0	18.68	18.78	18.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.60	22.82	22.45	24	0
5	QPSK	1	12	22.45	22.60	22.43		
5	QPSK	1	24	22.56	22.67	22.46		
5	QPSK	12	0	22.53	22.67	22.33	24	0
5	QPSK	12	7	22.61	22.73	22.42		
5	QPSK	12	13	22.49	22.62	22.36		
5	QPSK	25	0	22.63	22.67	22.38		
5	16QAM	1	0	22.49	22.64	22.39	24	0
5	16QAM	1	12	22.53	22.52	22.45		
5	16QAM	1	24	22.56	22.59	22.41		
5	16QAM	12	0	21.56	21.82	21.50	23	1
5	16QAM	12	7	21.70	21.76	21.54		
5	16QAM	12	13	21.74	21.75	21.46		
5	16QAM	25	0	21.73	21.81	21.53		
5	64QAM	1	0	21.59	21.79	21.53	23	1
5	64QAM	1	12	21.69	21.75	21.46		
5	64QAM	1	24	21.73	21.88	21.57		
5	64QAM	12	0	20.59	20.63	20.53	22	2
5	64QAM	12	7	20.73	20.70	20.54		
5	64QAM	12	13	20.60	20.73	20.46		
5	64QAM	25	0	20.55	20.83	20.51		
5	256QAM	1	0	18.72	18.76	18.59	20	4
5	256QAM	1	12	18.68	18.76	18.49		
5	256QAM	1	24	18.67	18.69	18.49		
5	256QAM	12	0	18.71	18.66	18.44	20	4
5	256QAM	12	7	18.61	18.68	18.61		
5	256QAM	12	13	18.62	18.71	18.53		
5	256QAM	25	0	18.52	18.61	18.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.59	22.72	22.45	24	0
3	QPSK	1	8	22.51	22.63	22.43		
3	QPSK	1	14	22.59	22.60	22.40		
3	QPSK	8	0	22.56	22.64	22.40	24	0
3	QPSK	8	4	22.52	22.73	22.42		
3	QPSK	8	7	22.57	22.61	22.38		
3	QPSK	15	0	22.59	22.52	22.35		
3	16QAM	1	0	22.57	22.78	22.40	24	0
3	16QAM	1	8	22.52	22.59	22.40		
3	16QAM	1	14	22.52	22.65	22.37		
3	16QAM	8	0	21.65	21.79	21.45	23	1
3	16QAM	8	4	21.77	21.71	21.49		
3	16QAM	8	7	21.73	21.79	21.44		
3	16QAM	15	0	21.64	21.74	21.48		
3	64QAM	1	0	21.66	21.72	21.57	23	1
3	64QAM	1	8	21.68	21.79	21.53		
3	64QAM	1	14	21.78	21.81	21.61		
3	64QAM	8	0	20.58	20.66	20.59	22	2
3	64QAM	8	4	20.78	20.78	20.46		
3	64QAM	8	7	20.70	20.85	20.52		
3	64QAM	15	0	20.54	20.86	20.56		
3	256QAM	1	0	18.69	18.71	18.45	20	4
3	256QAM	1	8	18.60	18.76	18.56		
3	256QAM	1	14	18.55	18.70	18.49		
3	256QAM	8	0	18.61	18.76	18.52	20	4
3	256QAM	8	4	18.59	18.70	18.58		
3	256QAM	8	7	18.61	18.74	18.45		
3	256QAM	15	0	18.56	18.76	18.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.76	22.53	24	0
1.4	QPSK	1	3	22.66	22.71	22.58		
1.4	QPSK	1	5	22.60	22.79	22.43		
1.4	QPSK	3	0	22.74	22.82	22.43		
1.4	QPSK	3	1	22.60	22.78	22.51		
1.4	QPSK	3	3	22.71	22.68	22.48		
1.4	QPSK	6	0	22.60	22.76	22.59	24	0
1.4	16QAM	1	0	22.73	22.73	22.44	24	0
1.4	16QAM	1	3	22.70	22.71	22.51		
1.4	16QAM	1	5	22.59	22.68	22.47		
1.4	16QAM	3	0	22.67	22.70	22.48		
1.4	16QAM	3	1	22.67	22.76	22.53		
1.4	16QAM	3	3	22.71	22.75	22.46		
1.4	16QAM	6	0	21.79	21.83	21.59	23	1
1.4	64QAM	1	0	21.72	21.70	21.74	23	1
1.4	64QAM	1	3	21.73	21.83	21.62		
1.4	64QAM	1	5	21.63	21.78	21.50		
1.4	64QAM	3	0	21.65	21.71	21.71		
1.4	64QAM	3	1	21.82	21.88	21.51		
1.4	64QAM	3	3	21.76	21.82	21.52		
1.4	64QAM	6	0	20.81	20.95	20.51	22	2
1.4	256QAM	1	0	18.65	18.73	18.55	20	4
1.4	256QAM	1	3	18.62	18.96	18.64		
1.4	256QAM	1	5	18.61	18.91	18.62		
1.4	256QAM	3	0	18.64	18.85	18.66		
1.4	256QAM	3	1	18.68	18.98	18.74		
1.4	256QAM	3	3	18.91	18.75	18.68		
1.4	256QAM	6	0	18.81	18.92	18.60	20	4

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.06	23.10	23.07	24	0
10	QPSK	1	25	22.95	23.05	22.95		
10	QPSK	1	49	22.95	23.01	22.95		
10	QPSK	25	0	22.97	23.06	22.97	24	0
10	QPSK	25	12	22.98	22.98	22.97		
10	QPSK	25	25	23.00	23.03	22.99		
10	QPSK	50	0	22.94	23.00	22.99		
10	16QAM	1	0	23.01	23.00	23.00	24	0
10	16QAM	1	25	22.92	23.03	22.95		
10	16QAM	1	49	22.98	23.00	22.97		
10	16QAM	25	0	21.93	22.02	21.92	23	1
10	16QAM	25	12	22.05	22.19	22.18		
10	16QAM	25	25	22.07	22.07	22.18		
10	16QAM	50	0	22.14	21.99	22.06		
10	64QAM	1	0	22.12	22.21	22.14	23	1
10	64QAM	1	25	21.91	22.00	21.98		
10	64QAM	1	49	22.16	22.08	21.92		
10	64QAM	25	0	21.09	21.17	21.06	22	2
10	64QAM	25	12	20.92	20.97	21.01		
10	64QAM	25	25	21.11	21.02	21.21		
10	64QAM	50	0	21.20	21.14	21.21		
10	256QAM	1	0	18.93	19.03	18.94	20	4
10	256QAM	1	25	18.97	19.23	18.97		
10	256QAM	1	49	19.14	19.06	19.04		
10	256QAM	25	0	19.04	19.08	19.11	20	4
10	256QAM	25	12	19.11	18.99	19.05		
10	256QAM	25	25	19.02	19.11	19.06		
10	256QAM	50	0	19.03	19.04	19.18		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.99	23.02	22.91	24	0
5	QPSK	1	12	22.84	22.95	22.89		
5	QPSK	1	24	22.93	22.87	22.93		
5	QPSK	12	0	22.91	23.00	22.93	24	0
5	QPSK	12	7	22.93	22.92	22.91		
5	QPSK	12	13	22.95	22.98	22.86		
5	QPSK	25	0	22.86	22.94	22.89		
5	16QAM	1	0	22.87	22.87	22.87	24	0
5	16QAM	1	12	22.86	22.97	22.92		
5	16QAM	1	24	22.81	22.84	22.88		
5	16QAM	12	0	21.79	21.90	21.84	23	1
5	16QAM	12	7	21.88	22.11	22.15		
5	16QAM	12	13	21.95	22.02	22.01		
5	16QAM	25	0	22.11	21.89	21.99		
5	64QAM	1	0	21.98	22.15	21.98	23	1
5	64QAM	1	12	21.81	21.92	21.95		
5	64QAM	1	24	22.00	22.05	21.84		
5	64QAM	12	0	21.05	21.00	20.97	22	2
5	64QAM	12	7	20.85	20.83	20.89		
5	64QAM	12	13	20.96	20.93	21.17		
5	64QAM	25	0	21.18	21.03	21.16		
5	256QAM	1	0	18.83	19.00	18.78	20	4
5	256QAM	1	12	18.87	19.17	18.87		
5	256QAM	1	24	19.00	18.96	18.99		
5	256QAM	12	0	19.01	18.94	18.97	20	4
5	256QAM	12	7	19.01	18.88	18.94		
5	256QAM	12	13	19.00	18.94	18.95		
5	256QAM	25	0	18.96	18.89	19.14		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.90	22.96	23.03	24	0
3	QPSK	1	8	22.85	23.00	22.83		
3	QPSK	1	14	22.90	22.96	22.79		
3	QPSK	8	0	22.90	23.03	22.87	24	0
3	QPSK	8	4	22.95	22.83	22.92		
3	QPSK	8	7	22.91	22.92	22.87		
3	QPSK	15	0	22.91	22.88	22.94		
3	16QAM	1	0	22.90	22.85	22.84	24	0
3	16QAM	1	8	22.76	22.95	22.84		
3	16QAM	1	14	22.81	22.82	22.90		
3	16QAM	8	0	21.77	21.92	21.84	23	1
3	16QAM	8	4	22.00	22.12	22.04		
3	16QAM	8	7	21.99	21.94	22.12		
3	16QAM	15	0	21.97	21.87	22.02		
3	64QAM	1	0	22.00	22.11	21.98	23	1
3	64QAM	1	8	21.79	21.83	21.86		
3	64QAM	1	14	22.10	22.01	21.89		
3	64QAM	8	0	20.96	21.06	21.03	22	2
3	64QAM	8	4	20.75	20.84	20.94		
3	64QAM	8	7	21.08	20.93	21.14		
3	64QAM	15	0	21.07	21.00	21.14		
3	256QAM	1	0	18.81	18.91	18.86	20	4
3	256QAM	1	8	18.92	19.14	18.82		
3	256QAM	1	14	19.10	18.98	18.91		
3	256QAM	8	0	18.88	18.92	19.05	20	4
3	256QAM	8	4	19.01	18.95	18.90		
3	256QAM	8	7	18.95	19.03	19.03		
3	256QAM	15	0	18.89	18.99	19.11		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.96	22.99	23.02	24	0
1.4	QPSK	1	3	23.02	23.06	22.98		
1.4	QPSK	1	5	22.98	22.99	22.92		
1.4	QPSK	3	0	23.01	22.99	22.94		
1.4	QPSK	3	1	22.98	23.00	22.92		
1.4	QPSK	3	3	22.94	22.95	22.96		
1.4	QPSK	6	0	22.89	23.00	22.89	24	0
1.4	16QAM	1	0	22.94	22.92	23.02	24	0
1.4	16QAM	1	3	23.03	23.02	22.94		
1.4	16QAM	1	5	22.92	23.05	23.02		
1.4	16QAM	3	0	22.88	22.96	23.05		
1.4	16QAM	3	1	23.00	23.00	23.02		
1.4	16QAM	3	3	22.92	23.08	22.90		
1.4	16QAM	6	0	22.06	22.15	22.14	23	1
1.4	64QAM	1	0	22.08	22.07	21.99	23	1
1.4	64QAM	1	3	22.01	22.03	21.93		
1.4	64QAM	1	5	22.08	21.95	22.11		
1.4	64QAM	3	0	22.10	22.17	22.01		
1.4	64QAM	3	1	22.06	22.14	21.98		
1.4	64QAM	3	3	22.21	22.08	21.98		
1.4	64QAM	6	0	21.17	21.14	21.21	22	2
1.4	256QAM	1	0	18.93	19.17	19.12	20	4
1.4	256QAM	1	3	19.18	19.21	18.97		
1.4	256QAM	1	5	19.08	19.06	18.99		
1.4	256QAM	3	0	19.17	19.05	19.07		
1.4	256QAM	3	1	19.01	19.19	18.98		
1.4	256QAM	3	3	18.91	19.19	19.06		
1.4	256QAM	6	0	19.17	19.07	19.17	20	4

Band 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.10		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.95			
10	QPSK	25	0		23.08		24	0
10	QPSK	25	12		23.07			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.06			
10	16QAM	1	0		23.01		24	0
10	16QAM	1	25		22.94			
10	16QAM	1	49		22.98			
10	16QAM	25	0		22.98		23	1
10	16QAM	25	12		22.21			
10	16QAM	25	25		22.00			
10	16QAM	50	0		22.11			
10	64QAM	1	0		22.22		23	1
10	64QAM	1	25		22.15			
10	64QAM	1	49		21.97			
10	64QAM	25	0		21.14		22	2
10	64QAM	25	12		21.20			
10	64QAM	25	25		20.96			
10	64QAM	50	0		21.15			
10	256QAM	1	0		19.24		20	4
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.22			
10	256QAM	25	0		19.04		20	4
10	256QAM	25	12		19.14			
10	256QAM	25	25		18.97			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	23.00	23.01	24	0
5	QPSK	1	12	22.87	22.84	22.83		
5	QPSK	1	24	22.78	22.84	22.78		
5	QPSK	12	0	22.82	22.90	22.90	24	0
5	QPSK	12	7	22.89	23.04	22.85		
5	QPSK	12	13	22.82	22.81	22.88		
5	QPSK	25	0	22.89	23.01	22.87		
5	16QAM	1	0	22.77	22.90	22.81	24	0
5	16QAM	1	12	22.79	22.92	22.86		
5	16QAM	1	24	22.92	22.83	22.93		
5	16QAM	12	0	21.97	21.93	21.80	23	1
5	16QAM	12	7	21.87	22.12	22.01		
5	16QAM	12	13	22.09	21.93	21.79		
5	16QAM	25	0	21.97	22.03	21.84		
5	64QAM	1	0	21.97	22.16	21.92	23	1
5	64QAM	1	12	21.94	22.02	21.97		
5	64QAM	1	24	21.90	21.87	21.85		
5	64QAM	12	0	21.12	21.05	20.92	22	2
5	64QAM	12	7	20.99	21.12	20.97		
5	64QAM	12	13	20.88	20.87	20.82		
5	64QAM	25	0	21.03	21.07	20.91		
5	256QAM	1	0	18.81	19.16	18.97	20	4
5	256QAM	1	12	18.95	18.97	18.83		
5	256QAM	1	24	18.86	19.08	18.91		
5	256QAM	12	0	18.82	18.97	19.05	20	4
5	256QAM	12	7	18.90	19.11	19.02		
5	256QAM	12	13	19.02	18.79	18.98		
5	256QAM	25	0	18.98	19.03	18.84		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.93		24	0
10	QPSK	1	25		22.84			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.91		24	0
10	QPSK	25	12		22.77			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.89			
10	16QAM	1	0		22.78		24	0
10	16QAM	1	25		22.89			
10	16QAM	1	49		22.85			
10	16QAM	25	0		21.90		23	1
10	16QAM	25	12		22.00			
10	16QAM	25	25		21.93			
10	16QAM	50	0		21.99			
10	64QAM	1	0		21.92		23	1
10	64QAM	1	25		21.95			
10	64QAM	1	49		21.99			
10	64QAM	25	0		20.86		22	2
10	64QAM	25	12		20.94			
10	64QAM	25	25		20.99			
10	64QAM	50	0		21.00			
10	256QAM	1	0		18.90		20	4
10	256QAM	1	25		18.85			
10	256QAM	1	49		19.00			
10	256QAM	25	0		19.00		20	4
10	256QAM	25	12		18.79			
10	256QAM	25	25		19.03			
10	256QAM	50	0		19.08			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.66	22.90	22.82	24	0
5	QPSK	1	12	22.56	22.75	22.66		
5	QPSK	1	24	22.66	22.79	22.70		
5	QPSK	12	0	22.59	22.83	22.77	24	0
5	QPSK	12	7	22.60	22.74	22.78		
5	QPSK	12	13	22.76	22.84	22.69		
5	QPSK	25	0	22.53	22.83	22.70		
5	16QAM	1	0	22.65	22.66	22.53	24	0
5	16QAM	1	12	22.74	22.82	22.58		
5	16QAM	1	24	22.64	22.79	22.80		
5	16QAM	12	0	21.88	21.75	21.75	23	1
5	16QAM	12	7	21.87	21.86	21.78		
5	16QAM	12	13	21.89	21.87	21.90		
5	16QAM	25	0	21.78	21.96	21.79		
5	64QAM	1	0	21.83	21.84	21.74	23	1
5	64QAM	1	12	21.73	21.86	21.80		
5	64QAM	1	24	21.75	21.96	21.66		
5	64QAM	12	0	20.81	20.79	20.68	22	2
5	64QAM	12	7	20.80	20.81	20.75		
5	64QAM	12	13	20.79	20.93	20.76		
5	64QAM	25	0	20.81	20.85	20.78		
5	256QAM	1	0	18.67	18.78	18.61	20	4
5	256QAM	1	12	18.69	18.74	18.66		
5	256QAM	1	24	18.74	18.82	18.84		
5	256QAM	12	0	18.78	18.89	18.56	20	4
5	256QAM	12	7	18.68	18.69	18.90		
5	256QAM	12	13	18.76	18.95	18.95		
5	256QAM	25	0	18.85	18.95	18.87		

Band 17

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23780	23790	23800	
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.08	23.09	23.02	24	0
10	QPSK	1	25	22.91	23.02	22.96		
10	QPSK	1	49	22.97	23.01	22.98		
10	QPSK	25	0	23.04	23.05	22.94	24	0
10	QPSK	25	12	23.02	22.99	22.87		
10	QPSK	25	25	23.03	23.01	22.85		
10	QPSK	50	0	22.93	23.02	22.90		
10	16QAM	1	0	23.03	23.00	23.00	24	0
10	16QAM	1	25	22.90	22.94	22.85		
10	16QAM	1	49	23.00	22.99	22.92		
10	16QAM	25	0	22.16	22.17	21.98	23	1
10	16QAM	25	12	21.99	22.14	22.17		
10	16QAM	25	25	21.96	22.06	22.06		
10	16QAM	50	0	22.03	22.06	21.99		
10	64QAM	1	0	22.23	22.20	22.17	23	1
10	64QAM	1	25	21.99	21.99	22.12		
10	64QAM	1	49	22.21	22.07	22.15		
10	64QAM	25	0	21.20	21.00	20.91	22	2
10	64QAM	25	12	21.08	21.04	21.06		
10	64QAM	25	25	21.08	20.96	21.15		
10	64QAM	50	0	21.20	21.06	20.90		
10	256QAM	1	0	19.01	19.16	19.00	20	4
10	256QAM	1	25	19.09	19.07	19.05		
10	256QAM	1	49	19.15	18.96	18.96		
10	256QAM	25	0	19.09	19.21	19.10	20	4
10	256QAM	25	12	19.19	19.16	18.99		
10	256QAM	25	25	18.98	19.16	19.02		
10	256QAM	50	0	18.96	19.02	19.13		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.92	22.98	22.91	24	0
5	QPSK	1	12	22.88	22.92	22.92		
5	QPSK	1	24	22.84	22.89	22.83		
5	QPSK	12	0	22.93	23.02	22.88	24	0
5	QPSK	12	7	22.90	22.93	22.84		
5	QPSK	12	13	22.91	22.87	22.79		
5	QPSK	25	0	22.80	22.86	22.88		
5	16QAM	1	0	22.94	22.97	22.86	24	0
5	16QAM	1	12	22.85	22.86	22.77		
5	16QAM	1	24	22.96	22.93	22.88		
5	16QAM	12	0	21.98	22.02	21.80	23	1
5	16QAM	12	7	21.90	22.11	22.06		
5	16QAM	12	13	21.81	21.89	22.03		
5	16QAM	25	0	21.96	21.87	21.83		
5	64QAM	1	0	22.07	22.08	22.06	23	1
5	64QAM	1	12	21.87	21.83	22.03		
5	64QAM	1	24	22.19	21.97	22.03		
5	64QAM	12	0	21.06	20.85	20.80	22	2
5	64QAM	12	7	21.01	20.88	20.95		
5	64QAM	12	13	21.01	20.87	21.05		
5	64QAM	25	0	21.07	20.88	20.75		
5	256QAM	1	0	18.96	19.05	19.06	20	4
5	256QAM	1	12	18.91	18.97	18.93		
5	256QAM	1	24	19.03	18.88	18.82		
5	256QAM	12	0	18.99	19.18	18.99	20	4
5	256QAM	12	7	19.15	19.02	18.84		
5	256QAM	12	13	18.89	19.11	18.87		
5	256QAM	25	0	18.80	18.85	19.01		

Band 25

BW [MHz]	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	22.74	22.78	22.75	24	0
20	QPSK	1	49	22.63	22.69	22.60		
20	QPSK	1	99	22.64	22.69	22.67		
20	QPSK	50	0	22.68	22.77	22.64	24	0
20	QPSK	50	24	22.60	22.76	22.68		
20	QPSK	50	50	22.69	22.75	22.63		
20	QPSK	100	0	22.70	22.71	22.58		
20	16QAM	1	0	22.59	22.70	22.70	24	0
20	16QAM	1	49	22.65	22.64	22.62		
20	16QAM	1	99	22.70	22.68	22.65		
20	16QAM	50	0	21.79	21.79	21.81	23	1
20	16QAM	50	24	21.72	21.75	21.85		
20	16QAM	50	50	21.77	21.89	21.76		
20	16QAM	100	0	21.82	21.69	21.86		
20	64QAM	1	0	21.76	21.64	21.81	23	1
20	64QAM	1	49	21.64	21.92	21.81		
20	64QAM	1	99	21.72	21.88	21.82		
20	64QAM	50	0	20.85	20.79	20.75	22	2
20	64QAM	50	24	20.76	20.89	20.69		
20	64QAM	50	50	20.79	20.83	20.80		
20	64QAM	100	0	20.65	20.70	20.83		
20	256QAM	1	0	18.71	18.81	18.80	20	4
20	256QAM	1	49	18.76	18.84	18.71		
20	256QAM	1	99	18.78	18.68	18.64		
20	256QAM	50	0	18.61	18.76	18.87	20	4
20	256QAM	50	24	18.67	18.87	18.74		
20	256QAM	50	50	18.59	18.87	18.70		
20	256QAM	100	0	18.88	18.86	18.68		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.67	22.73	22.71	24	0
15	QPSK	1	37	22.54	22.61	22.56		
15	QPSK	1	74	22.53	22.65	22.55		
15	QPSK	36	0	22.54	22.70	22.56	24	0
15	QPSK	36	20	22.50	22.63	22.61		
15	QPSK	36	39	22.53	22.63	22.47		
15	QPSK	75	0	22.62	22.62	22.54		
15	16QAM	1	0	22.52	22.67	22.63	24	0
15	16QAM	1	37	22.48	22.50	22.45		
15	16QAM	1	74	22.67	22.57	22.60		
15	16QAM	36	0	21.71	21.72	21.78	23	1
15	16QAM	36	20	21.61	21.59	21.72		
15	16QAM	36	39	21.65	21.78	21.73		
15	16QAM	75	0	21.53	21.55	21.82		
15	64QAM	1	0	21.65	21.58	21.67	23	1
15	64QAM	1	37	21.47	21.85	21.78		
15	64QAM	1	74	21.64	21.85	21.73		
15	64QAM	36	0	20.82	20.63	20.59	22	2
15	64QAM	36	20	20.70	20.72	20.62		
15	64QAM	36	39	20.75	20.77	20.70		
15	64QAM	75	0	20.49	20.55	20.78		
15	256QAM	1	0	18.58	18.68	18.72	20	4
15	256QAM	1	37	18.64	18.71	18.56		
15	256QAM	1	74	18.70	18.53	18.60		
15	256QAM	36	0	18.52	18.71	18.85	20	4
15	256QAM	36	20	18.56	18.62	18.62		
15	256QAM	36	39	18.53	18.80	18.56		
15	256QAM	75	0	18.74	18.81	18.54		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.61	22.73	22.71	24	0
10	QPSK	1	25	22.46	22.64	22.48		
10	QPSK	1	49	22.59	22.64	22.61		
10	QPSK	25	0	22.61	22.61	22.51	24	0
10	QPSK	25	12	22.56	22.71	22.64		
10	QPSK	25	25	22.53	22.65	22.55		
10	QPSK	50	0	22.62	22.63	22.42		
10	16QAM	1	0	22.53	22.52	22.56	24	0
10	16QAM	1	25	22.58	22.60	22.46		
10	16QAM	1	49	22.60	22.60	22.59		
10	16QAM	25	0	21.66	21.73	21.78	23	1
10	16QAM	25	12	21.60	21.64	21.81		
10	16QAM	25	25	21.72	21.79	21.84		
10	16QAM	50	0	21.56	21.65	21.79		
10	64QAM	1	0	21.72	21.50	21.63	23	1
10	64QAM	1	25	21.50	21.89	21.68		
10	64QAM	1	49	21.70	21.82	21.76		
10	64QAM	25	0	20.72	20.63	20.65	22	2
10	64QAM	25	12	20.62	20.86	20.60		
10	64QAM	25	25	20.63	20.76	20.66		
10	64QAM	50	0	20.58	20.60	20.71		
10	256QAM	1	0	18.54	18.77	18.75	20	4
10	256QAM	1	25	18.69	18.67	18.61		
10	256QAM	1	49	18.76	18.64	18.48		
10	256QAM	25	0	18.45	18.59	18.83	20	4
10	256QAM	25	12	18.63	18.70	18.64		
10	256QAM	25	25	18.50	18.80	18.63		
10	256QAM	50	0	18.78	18.76	18.63		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.65	22.75	22.58	24	0
5	QPSK	1	12	22.59	22.55	22.53		
5	QPSK	1	24	22.48	22.67	22.50		
5	QPSK	12	0	22.58	22.64	22.46	24	0
5	QPSK	12	7	22.42	22.70	22.50		
5	QPSK	12	13	22.59	22.68	22.53		
5	QPSK	25	0	22.54	22.54	22.54		
5	16QAM	1	0	22.54	22.56	22.68	24	0
5	16QAM	1	12	22.47	22.52	22.59		
5	16QAM	1	24	22.54	22.60	22.62		
5	16QAM	12	0	21.62	21.72	21.75	23	1
5	16QAM	12	7	21.60	21.72	21.73		
5	16QAM	12	13	21.63	21.75	21.59		
5	16QAM	25	0	21.53	21.57	21.72		
5	64QAM	1	0	21.58	21.57	21.70	23	1
5	64QAM	1	12	21.48	21.76	21.66		
5	64QAM	1	24	21.57	21.74	21.65		
5	64QAM	12	0	20.69	20.74	20.64	22	2
5	64QAM	12	7	20.62	20.72	20.60		
5	64QAM	12	13	20.62	20.66	20.64		
5	64QAM	25	0	20.58	20.53	20.66		
5	256QAM	1	0	18.63	18.76	18.72	20	4
5	256QAM	1	12	18.61	18.73	18.63		
5	256QAM	1	24	18.65	18.52	18.49		
5	256QAM	12	0	18.58	18.74	18.71	20	4
5	256QAM	12	7	18.52	18.84	18.59		
5	256QAM	12	13	18.48	18.82	18.56		
5	256QAM	25	0	18.83	18.71	18.57		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.69	22.63	22.72	24	0
3	QPSK	1	8	22.57	22.62	22.42		
3	QPSK	1	14	22.54	22.63	22.53		
3	QPSK	8	0	22.54	22.65	22.58	24	0
3	QPSK	8	4	22.45	22.62	22.56		
3	QPSK	8	7	22.55	22.63	22.47		
3	QPSK	15	0	22.53	22.66	22.44		
3	16QAM	1	0	22.42	22.59	22.53	24	0
3	16QAM	1	8	22.51	22.62	22.47		
3	16QAM	1	14	22.53	22.53	22.61		
3	16QAM	8	0	21.67	21.66	21.84	23	1
3	16QAM	8	4	21.64	21.63	21.72		
3	16QAM	8	7	21.71	21.84	21.58		
3	16QAM	15	0	21.53	21.54	21.77		
3	64QAM	1	0	21.60	21.49	21.77	23	1
3	64QAM	1	8	21.58	21.84	21.71		
3	64QAM	1	14	21.59	21.80	21.74		
3	64QAM	8	0	20.69	20.74	20.58	22	2
3	64QAM	8	4	20.62	20.77	20.51		
3	64QAM	8	7	20.71	20.66	20.65		
3	64QAM	15	0	20.54	20.66	20.66		
3	256QAM	1	0	18.65	18.67	18.70	20	4
3	256QAM	1	8	18.62	18.79	18.56		
3	256QAM	1	14	18.64	18.51	18.55		
3	256QAM	8	0	18.56	18.64	18.80	20	4
3	256QAM	8	4	18.63	18.76	18.57		
3	256QAM	8	7	18.46	18.85	18.58		
3	256QAM	15	0	18.79	18.72	18.50		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.66	22.65	22.70	24	0
1.4	QPSK	1	3	22.61	22.68	22.69		
1.4	QPSK	1	5	22.61	22.66	22.70		
1.4	QPSK	3	0	22.67	22.61	22.59		
1.4	QPSK	3	1	22.68	22.74	22.60		
1.4	QPSK	3	3	22.58	22.68	22.66		
1.4	QPSK	6	0	22.61	22.74	22.59	24	0
1.4	16QAM	1	0	22.68	22.74	22.67	24	0
1.4	16QAM	1	3	22.68	22.71	22.64		
1.4	16QAM	1	5	22.58	22.72	22.70		
1.4	16QAM	3	0	22.67	22.66	22.63		
1.4	16QAM	3	1	22.61	22.74	22.71		
1.4	16QAM	3	3	22.61	22.73	22.69		
1.4	16QAM	6	0	21.66	21.65	21.90	23	1
1.4	64QAM	1	0	21.82	21.93	21.89	23	1
1.4	64QAM	1	3	21.81	21.70	21.65		
1.4	64QAM	1	5	21.76	21.91	21.69		
1.4	64QAM	3	0	21.80	21.82	21.84		
1.4	64QAM	3	1	21.87	21.74	21.73		
1.4	64QAM	3	3	21.60	21.69	21.85		
1.4	64QAM	6	0	20.68	20.73	20.71	22	2
1.4	256QAM	1	0	18.84	18.70	18.88	20	4
1.4	256QAM	1	3	18.67	18.66	18.74		
1.4	256QAM	1	5	18.79	18.82	18.73		
1.4	256QAM	3	0	18.84	18.67	18.65		
1.4	256QAM	3	1	18.68	18.78	18.88		
1.4	256QAM	3	3	18.70	18.74	18.64		
1.4	256QAM	6	0	18.74	18.83	18.87	20	4

Band 26 for FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.94	22.75	24	0
15	QPSK	1	37	22.69	22.85	22.61		
15	QPSK	1	74	22.71	22.91	22.68		
15	QPSK	36	0	22.66	22.90	22.61	24	0
15	QPSK	36	20	22.58	22.82	22.60		
15	QPSK	36	39	22.68	22.84	22.61		
15	QPSK	75	0	22.63	22.87	22.68		
15	16QAM	1	0	22.62	22.78	22.58	24	0
15	16QAM	1	37	22.59	22.89	22.65		
15	16QAM	1	74	22.64	22.82	22.73		
15	16QAM	36	0	21.74	21.82	21.82	23	1
15	16QAM	36	20	21.64	22.00	21.66		
15	16QAM	36	39	21.65	22.00	21.65		
15	16QAM	75	0	21.70	22.09	21.83		
15	64QAM	1	0	21.65	21.91	21.67	23	1
15	64QAM	1	37	21.75	21.90	21.89		
15	64QAM	1	74	21.81	22.09	21.77		
15	64QAM	36	0	20.77	20.85	20.60	22	2
15	64QAM	36	20	20.61	20.80	20.85		
15	64QAM	36	39	20.67	20.93	20.86		
15	64QAM	75	0	20.90	21.09	20.67		
15	256QAM	1	0	18.83	18.97	18.78	20	4
15	256QAM	1	37	18.77	18.96	18.73		
15	256QAM	1	74	18.66	19.04	18.83		
15	256QAM	36	0	18.68	18.88	18.66	20	4
15	256QAM	36	20	18.90	19.06	18.63		
15	256QAM	36	39	18.61	19.09	18.61		
15	256QAM	75	0	18.82	19.00	18.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.59	22.87	22.60	24	0
10	QPSK	1	25	22.61	22.82	22.44		
10	QPSK	1	49	22.69	22.74	22.64		
10	QPSK	25	0	22.54	22.74	22.55	24	0
10	QPSK	25	12	22.55	22.80	22.43		
10	QPSK	25	25	22.53	22.72	22.55		
10	QPSK	50	0	22.57	22.79	22.65		
10	16QAM	1	0	22.60	22.62	22.46	24	0
10	16QAM	1	25	22.44	22.75	22.49		
10	16QAM	1	49	22.55	22.75	22.59		
10	16QAM	25	0	21.67	21.73	21.65	23	1
10	16QAM	25	12	21.51	21.96	21.60		
10	16QAM	25	25	21.48	21.97	21.51		
10	16QAM	50	0	21.66	22.07	21.81		
10	64QAM	1	0	21.60	21.78	21.61	23	1
10	64QAM	1	25	21.57	21.84	21.77		
10	64QAM	1	49	21.77	22.04	21.64		
10	64QAM	25	0	20.61	20.76	20.48	22	2
10	64QAM	25	12	20.49	20.72	20.72		
10	64QAM	25	25	20.64	20.82	20.69		
10	64QAM	50	0	20.81	20.93	20.56		
10	256QAM	1	0	18.76	18.92	18.69	20	4
10	256QAM	1	25	18.65	18.89	18.55		
10	256QAM	1	49	18.56	18.95	18.78		
10	256QAM	25	0	18.66	18.83	18.58	20	4
10	256QAM	25	12	18.85	18.93	18.52		
10	256QAM	25	25	18.53	18.92	18.56		
10	256QAM	50	0	18.69	18.92	18.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.91	22.63	24	0
5	QPSK	1	12	22.59	22.68	22.51		
5	QPSK	1	24	22.62	22.86	22.59		
5	QPSK	12	0	22.61	22.77	22.48	24	0
5	QPSK	12	7	22.43	22.76	22.47		
5	QPSK	12	13	22.64	22.68	22.52		
5	QPSK	25	0	22.56	22.73	22.64		
5	16QAM	1	0	22.48	22.67	22.56	24	0
5	16QAM	1	12	22.44	22.78	22.49		
5	16QAM	1	24	22.60	22.68	22.61		
5	16QAM	12	0	21.61	21.69	21.65	23	1
5	16QAM	12	7	21.49	21.94	21.58		
5	16QAM	12	13	21.49	21.83	21.59		
5	16QAM	25	0	21.53	21.92	21.72		
5	64QAM	1	0	21.60	21.85	21.61	23	1
5	64QAM	1	12	21.63	21.80	21.72		
5	64QAM	1	24	21.71	22.01	21.63		
5	64QAM	12	0	20.73	20.67	20.43	22	2
5	64QAM	12	7	20.56	20.74	20.78		
5	64QAM	12	13	20.54	20.89	20.80		
5	64QAM	25	0	20.79	20.96	20.56		
5	256QAM	1	0	18.68	18.87	18.72	20	4
5	256QAM	1	12	18.69	18.83	18.59		
5	256QAM	1	24	18.55	18.90	18.78		
5	256QAM	12	0	18.83	18.93	18.73	20	4
5	256QAM	12	7	18.74	18.87	18.87		
5	256QAM	12	13	18.70	18.99	18.90		
5	256QAM	25	0	18.67	18.98	18.58		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.73	22.88	22.72	24	0
3	QPSK	1	8	22.57	22.72	22.58		
3	QPSK	1	14	22.59	22.81	22.54		
3	QPSK	8	0	22.50	22.74	22.56	24	0
3	QPSK	8	4	22.43	22.73	22.54		
3	QPSK	8	7	22.63	22.77	22.44		
3	QPSK	15	0	22.58	22.81	22.58		
3	16QAM	1	0	22.56	22.66	22.46	24	0
3	16QAM	1	8	22.54	22.73	22.47		
3	16QAM	1	14	22.51	22.75	22.70		
3	16QAM	8	0	21.63	21.66	21.79	23	1
3	16QAM	8	4	21.54	21.86	21.62		
3	16QAM	8	7	21.54	21.82	21.58		
3	16QAM	15	0	21.54	21.95	21.69		
3	64QAM	1	0	21.58	21.74	21.57	23	1
3	64QAM	1	8	21.66	21.73	21.77		
3	64QAM	1	14	21.73	22.06	21.61		
3	64QAM	8	0	20.70	20.71	20.52	22	2
3	64QAM	8	4	20.47	20.64	20.79		
3	64QAM	8	7	20.50	20.83	20.80		
3	64QAM	15	0	20.85	21.03	20.60		
3	256QAM	1	0	18.70	18.90	18.64	20	4
3	256QAM	1	8	18.67	18.85	18.65		
3	256QAM	1	14	18.55	18.90	18.80		
3	256QAM	8	0	18.66	18.86	18.79	20	4
3	256QAM	8	4	18.67	19.00	18.75		
3	256QAM	8	7	18.68	18.89	18.62		
3	256QAM	15	0	18.70	18.91	18.60		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.79	22.70	24	0
1.4	QPSK	1	3	22.59	22.92	22.69		
1.4	QPSK	1	5	22.62	22.83	22.59		
1.4	QPSK	3	0	22.63	22.87	22.68		
1.4	QPSK	3	1	22.65	22.80	22.60		
1.4	QPSK	3	3	22.67	22.83	22.73		
1.4	QPSK	6	0	22.71	22.83	22.66	24	0
1.4	16QAM	1	0	22.73	22.86	22.72	24	0
1.4	16QAM	1	3	22.63	22.90	22.65		
1.4	16QAM	1	5	22.60	22.77	22.71		
1.4	16QAM	3	0	22.71	22.89	22.60		
1.4	16QAM	3	1	22.73	22.83	22.67		
1.4	16QAM	3	3	22.66	22.82	22.58		
1.4	16QAM	6	0	21.87	21.80	21.79	23	1
1.4	64QAM	1	0	21.87	21.86	21.66	23	1
1.4	64QAM	1	3	21.76	22.07	21.75		
1.4	64QAM	1	5	21.71	22.04	21.66		
1.4	64QAM	3	0	21.66	21.84	21.82		
1.4	64QAM	3	1	21.77	21.98	21.77		
1.4	64QAM	3	3	21.74	21.81	21.83		
1.4	64QAM	6	0	20.69	21.03	20.86	22	2
1.4	256QAM	1	0	18.68	18.84	18.68	20	4
1.4	256QAM	1	3	18.82	18.81	18.88		
1.4	256QAM	1	5	18.77	18.90	18.69		
1.4	256QAM	3	0	18.81	19.06	18.75		
1.4	256QAM	3	1	18.89	18.83	18.60		
1.4	256QAM	3	3	18.86	18.97	18.81		
1.4	256QAM	6	0	18.84	18.91	18.79	20	4

Band 66

BW [MHz]	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	22.87	22.92	22.81	24	0
20	QPSK	1	49	22.78	22.88	22.74		
20	QPSK	1	99	22.78	22.79	22.70		
20	QPSK	50	0	22.85	22.89	22.72	24	0
20	QPSK	50	24	22.78	22.79	22.79		
20	QPSK	50	50	22.71	22.88	22.76		
20	QPSK	100	0	22.70	22.78	22.69		
20	16QAM	1	0	22.76	22.87	22.69	24	0
20	16QAM	1	49	22.76	22.75	22.70		
20	16QAM	1	99	22.75	22.82	22.74		
20	16QAM	50	0	21.94	22.05	21.91	23	1
20	16QAM	50	24	21.94	21.77	21.79		
20	16QAM	50	50	21.94	21.82	21.86		
20	16QAM	100	0	21.97	21.97	21.93		
20	64QAM	1	0	21.81	21.91	21.84	23	1
20	64QAM	1	49	21.87	21.90	21.79		
20	64QAM	1	99	21.79	22.04	21.75		
20	64QAM	50	0	20.94	20.90	20.80	22	2
20	64QAM	50	24	20.99	20.96	20.67		
20	64QAM	50	50	20.74	21.04	20.74		
20	64QAM	100	0	20.76	20.85	20.85		
20	256QAM	1	0	18.98	18.91	18.73	20	4
20	256QAM	1	49	18.85	19.02	18.85		
20	256QAM	1	99	18.94	18.89	18.73		
20	256QAM	50	0	19.01	18.81	18.77	20	4
20	256QAM	50	24	18.88	19.01	18.70		
20	256QAM	50	50	18.90	18.84	18.70		
20	256QAM	100	0	18.89	18.87	18.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.75	22.83	22.75	24	0
15	QPSK	1	37	22.70	22.79	22.69		
15	QPSK	1	74	22.60	22.68	22.53		
15	QPSK	36	0	22.83	22.83	22.59	24	0
15	QPSK	36	20	22.61	22.63	22.71		
15	QPSK	36	39	22.66	22.84	22.61		
15	QPSK	75	0	22.64	22.61	22.60		
15	16QAM	1	0	22.69	22.78	22.56	24	0
15	16QAM	1	37	22.58	22.63	22.54		
15	16QAM	1	74	22.70	22.78	22.66		
15	16QAM	36	0	21.85	21.88	21.79	23	1
15	16QAM	36	20	21.91	21.72	21.61		
15	16QAM	36	39	21.91	21.72	21.79		
15	16QAM	75	0	21.81	21.88	21.88		
15	64QAM	1	0	21.73	21.88	21.71	23	1
15	64QAM	1	37	21.75	21.73	21.74		
15	64QAM	1	74	21.69	21.89	21.63		
15	64QAM	36	0	20.90	20.86	20.68	22	2
15	64QAM	36	20	20.89	20.84	20.57		
15	64QAM	36	39	20.58	20.89	20.71		
15	64QAM	75	0	20.59	20.69	20.68		
15	256QAM	1	0	18.85	18.84	18.71	20	4
15	256QAM	1	37	18.67	19.00	18.72		
15	256QAM	1	74	18.86	18.76	18.67		
15	256QAM	36	0	18.97	18.78	18.64	20	4
15	256QAM	36	20	18.73	18.94	18.59		
15	256QAM	36	39	18.87	18.67	18.65		
15	256QAM	75	0	18.76	18.84	18.81		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.71	22.78	22.66	24	0
10	QPSK	1	25	22.76	22.75	22.69		
10	QPSK	1	49	22.61	22.63	22.66		
10	QPSK	25	0	22.78	22.81	22.58	24	0
10	QPSK	25	12	22.67	22.69	22.62		
10	QPSK	25	25	22.64	22.71	22.62		
10	QPSK	50	0	22.59	22.62	22.67		
10	16QAM	1	0	22.67	22.70	22.59	24	0
10	16QAM	1	25	22.62	22.60	22.61		
10	16QAM	1	49	22.69	22.66	22.68		
10	16QAM	25	0	21.89	21.98	21.85	23	1
10	16QAM	25	12	21.79	21.64	21.77		
10	16QAM	25	25	21.76	21.66	21.75		
10	16QAM	50	0	21.93	21.81	21.88		
10	64QAM	1	0	21.75	21.87	21.67	23	1
10	64QAM	1	25	21.71	21.75	21.67		
10	64QAM	1	49	21.69	21.87	21.69		
10	64QAM	25	0	20.82	20.74	20.68	22	2
10	64QAM	25	12	20.84	20.79	20.60		
10	64QAM	25	25	20.68	20.90	20.70		
10	64QAM	50	0	20.71	20.72	20.80		
10	256QAM	1	0	18.86	18.77	18.63	20	4
10	256QAM	1	25	18.76	19.00	18.78		
10	256QAM	1	49	18.86	18.82	18.66		
10	256QAM	25	0	18.99	18.72	18.74	20	4
10	256QAM	25	12	18.84	18.87	18.63		
10	256QAM	25	25	18.87	18.81	18.64		
10	256QAM	50	0	18.80	18.77	18.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.81	22.88	22.69	24	0
5	QPSK	1	12	22.64	22.86	22.71		
5	QPSK	1	24	22.66	22.65	22.60		
5	QPSK	12	0	22.77	22.71	22.68	24	0
5	QPSK	12	7	22.65	22.64	22.73		
5	QPSK	12	13	22.66	22.81	22.65		
5	QPSK	25	0	22.53	22.72	22.60		
5	16QAM	1	0	22.69	22.78	22.57	24	0
5	16QAM	1	12	22.67	22.68	22.55		
5	16QAM	1	24	22.66	22.70	22.67		
5	16QAM	12	0	21.83	21.87	21.75	23	1
5	16QAM	12	7	21.80	21.69	21.64		
5	16QAM	12	13	21.88	21.77	21.70		
5	16QAM	25	0	21.92	21.85	21.90		
5	64QAM	1	0	21.75	21.74	21.81	23	1
5	64QAM	1	12	21.77	21.85	21.66		
5	64QAM	1	24	21.76	21.96	21.60		
5	64QAM	12	0	20.79	20.76	20.69	22	2
5	64QAM	12	7	20.90	20.94	20.50		
5	64QAM	12	13	20.63	20.90	20.59		
5	64QAM	25	0	20.64	20.80	20.69		
5	256QAM	1	0	18.92	18.77	18.69	20	4
5	256QAM	1	12	18.75	18.95	18.76		
5	256QAM	1	24	18.78	18.82	18.71		
5	256QAM	12	0	18.86	18.78	18.62	20	4
5	256QAM	12	7	18.74	18.94	18.65		
5	256QAM	12	13	18.86	18.76	18.65		
5	256QAM	25	0	18.82	18.80	18.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.71	22.84	22.75	24	0
3	QPSK	1	8	22.65	22.78	22.64		
3	QPSK	1	14	22.60	22.68	22.67		
3	QPSK	8	0	22.72	22.80	22.68	24	0
3	QPSK	8	4	22.75	22.66	22.62		
3	QPSK	8	7	22.67	22.81	22.65		
3	QPSK	15	0	22.52	22.69	22.59		
3	16QAM	1	0	22.70	22.74	22.57	24	0
3	16QAM	1	8	22.60	22.58	22.54		
3	16QAM	1	14	22.63	22.68	22.59		
3	16QAM	8	0	21.90	21.97	21.88	23	1
3	16QAM	8	4	21.89	21.63	21.72		
3	16QAM	8	7	21.78	21.71	21.80		
3	16QAM	15	0	21.94	21.86	21.77		
3	64QAM	1	0	21.70	21.82	21.82	23	1
3	64QAM	1	8	21.72	21.84	21.66		
3	64QAM	1	14	21.70	21.87	21.67		
3	64QAM	8	0	20.79	20.85	20.75	22	2
3	64QAM	8	4	20.96	20.89	20.56		
3	64QAM	8	7	20.67	20.95	20.71		
3	64QAM	15	0	20.63	20.77	20.74		
3	256QAM	1	0	18.95	18.75	18.69	20	4
3	256QAM	1	8	18.82	18.97	18.67		
3	256QAM	1	14	18.77	18.75	18.65		
3	256QAM	8	0	18.86	18.77	18.73	20	4
3	256QAM	8	4	18.84	18.86	18.64		
3	256QAM	8	7	18.77	18.79	18.57		
3	256QAM	15	0	18.85	18.77	18.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.69	22.85	22.68	24	0
1.4	QPSK	1	3	22.84	22.84	22.77		
1.4	QPSK	1	5	22.75	22.83	22.64		
1.4	QPSK	3	0	22.75	22.77	22.64		
1.4	QPSK	3	1	22.71	22.78	22.75		
1.4	QPSK	3	3	22.73	22.85	22.65		
1.4	QPSK	6	0	22.78	22.79	22.78	24	0
1.4	16QAM	1	0	22.71	22.77	22.74	24	0
1.4	16QAM	1	3	22.78	22.86	22.71		
1.4	16QAM	1	5	22.84	22.83	22.74		
1.4	16QAM	3	0	22.73	22.80	22.77		
1.4	16QAM	3	1	22.84	22.75	22.67		
1.4	16QAM	3	3	22.85	22.76	22.71		
1.4	16QAM	6	0	21.78	21.92	21.77	23	1
1.4	64QAM	1	0	21.89	21.77	21.84	23	1
1.4	64QAM	1	3	21.82	21.82	21.84		
1.4	64QAM	1	5	21.82	21.81	21.85		
1.4	64QAM	3	0	21.89	22.05	21.79		
1.4	64QAM	3	1	21.77	21.93	21.85		
1.4	64QAM	3	3	21.90	21.84	21.95		
1.4	64QAM	6	0	20.83	20.82	20.77	22	2
1.4	256QAM	1	0	18.93	18.87	18.83	20	4
1.4	256QAM	1	3	18.77	18.77	18.84		
1.4	256QAM	1	5	18.91	19.05	18.94		
1.4	256QAM	3	0	18.86	18.84	18.71		
1.4	256QAM	3	1	18.89	19.01	18.93		
1.4	256QAM	3	3	19.02	19.02	18.95		
1.4	256QAM	6	0	18.85	19.06	18.87	20	4

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.82	22.98	22.91	24	0
20	QPSK	1	49	22.70	22.83	22.83		
20	QPSK	1	99	22.79	22.88	22.78		
20	QPSK	50	0	22.66	22.89	22.78	24	0
20	QPSK	50	24	22.80	22.86	22.80		
20	QPSK	50	50	22.68	22.88	22.87		
20	QPSK	100	0	22.78	22.85	22.83		
20	16QAM	1	0	22.77	22.92	22.77	24	0
20	16QAM	1	49	22.75	22.83	22.79		
20	16QAM	1	99	22.79	22.86	22.88		
20	16QAM	50	0	21.78	21.83	21.83	23	1
20	16QAM	50	24	21.94	21.95	21.90		
20	16QAM	50	50	21.91	21.90	21.96		
20	16QAM	100	0	21.94	22.07	22.01		
20	64QAM	1	0	21.83	21.99	21.81	23	1
20	64QAM	1	49	21.84	22.10	21.78		
20	64QAM	1	99	21.78	22.03	21.94		
20	64QAM	50	0	20.84	21.10	21.01	22	2
20	64QAM	50	24	20.96	20.92	20.95		
20	64QAM	50	50	20.86	21.03	20.94		
20	64QAM	100	0	20.87	20.93	20.99		
20	256QAM	1	0	18.79	18.88	18.82	20	4
20	256QAM	1	49	18.95	19.09	18.92		
20	256QAM	1	99	18.90	19.11	18.94		
20	256QAM	50	0	18.68	19.07	18.92	20	4
20	256QAM	50	24	18.80	19.11	18.95		
20	256QAM	50	50	18.89	19.09	19.04		
20	256QAM	100	0	18.82	18.84	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.77	22.88	22.74	24	0
15	QPSK	1	37	22.67	22.67	22.69		
15	QPSK	1	74	22.72	22.83	22.71		
15	QPSK	36	0	22.48	22.73	22.69	24	0
15	QPSK	36	20	22.76	22.73	22.65		
15	QPSK	36	39	22.62	22.71	22.69		
15	QPSK	75	0	22.64	22.81	22.81		
15	16QAM	1	0	22.70	22.87	22.64	24	0
15	16QAM	1	37	22.67	22.78	22.70		
15	16QAM	1	74	22.67	22.68	22.75		
15	16QAM	36	0	21.61	21.75	21.77	23	1
15	16QAM	36	20	21.90	21.91	21.82		
15	16QAM	36	39	21.82	21.78	21.81		
15	16QAM	75	0	21.91	22.03	21.91		
15	64QAM	1	0	21.79	21.94	21.78	23	1
15	64QAM	1	37	21.70	21.98	21.75		
15	64QAM	1	74	21.69	21.93	21.85		
15	64QAM	36	0	20.72	20.99	20.93	22	2
15	64QAM	36	20	20.79	20.87	20.78		
15	64QAM	36	39	20.79	20.90	20.83		
15	64QAM	75	0	20.84	20.84	20.92		
15	256QAM	1	0	18.76	18.74	18.75	20	4
15	256QAM	1	37	18.88	18.96	18.80		
15	256QAM	1	74	18.83	19.06	18.84		
15	256QAM	36	0	18.61	18.96	18.88	20	4
15	256QAM	36	20	18.72	19.06	18.86		
15	256QAM	36	39	18.79	18.94	18.90		
15	256QAM	75	0	18.70	18.71	18.77		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.71	22.93	22.75	24	0
10	QPSK	1	25	22.53	22.68	22.75		
10	QPSK	1	49	22.63	22.81	22.64		
10	QPSK	25	0	22.61	22.73	22.73	24	0
10	QPSK	25	12	22.71	22.74	22.77		
10	QPSK	25	25	22.64	22.76	22.73		
10	QPSK	50	0	22.70	22.82	22.75		
10	16QAM	1	0	22.64	22.90	22.61	24	0
10	16QAM	1	25	22.59	22.65	22.75		
10	16QAM	1	49	22.76	22.77	22.80		
10	16QAM	25	0	21.71	21.77	21.67	23	1
10	16QAM	25	12	21.86	21.85	21.75		
10	16QAM	25	25	21.75	21.82	21.91		
10	16QAM	50	0	21.86	21.92	21.94		
10	64QAM	1	0	21.73	21.92	21.68	23	1
10	64QAM	1	25	21.73	22.00	21.72		
10	64QAM	1	49	21.68	21.96	21.88		
10	64QAM	25	0	20.70	21.06	20.95	22	2
10	64QAM	25	12	20.87	20.86	20.78		
10	64QAM	25	25	20.70	21.00	20.84		
10	64QAM	50	0	20.70	20.91	20.88		
10	256QAM	1	0	18.65	18.74	18.67	20	4
10	256QAM	1	25	18.83	18.93	18.82		
10	256QAM	1	49	18.77	19.08	18.90		
10	256QAM	25	0	18.61	19.04	18.80	20	4
10	256QAM	25	12	18.70	18.93	18.80		
10	256QAM	25	25	18.79	18.94	18.92		
10	256QAM	50	0	18.70	18.74	18.86		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.69	22.87	22.79	24	0
5	QPSK	1	12	22.66	22.73	22.76		
5	QPSK	1	24	22.73	22.78	22.71		
5	QPSK	12	0	22.61	22.80	22.64	24	0
5	QPSK	12	7	22.67	22.79	22.70		
5	QPSK	12	13	22.61	22.76	22.78		
5	QPSK	25	0	22.70	22.80	22.72		
5	16QAM	1	0	22.73	22.87	22.66	24	0
5	16QAM	1	12	22.63	22.70	22.72		
5	16QAM	1	24	22.70	22.83	22.84		
5	16QAM	12	0	21.75	21.79	21.66	23	1
5	16QAM	12	7	21.78	21.89	21.79		
5	16QAM	12	13	21.76	21.76	21.93		
5	16QAM	25	0	21.91	22.02	21.86		
5	64QAM	1	0	21.67	21.95	21.73	23	1
5	64QAM	1	12	21.79	21.96	21.61		
5	64QAM	1	24	21.74	21.98	21.87		
5	64QAM	12	0	20.75	21.07	20.93	22	2
5	64QAM	12	7	20.79	20.77	20.78		
5	64QAM	12	13	20.72	20.91	20.92		
5	64QAM	25	0	20.77	20.86	20.90		
5	256QAM	1	0	18.69	18.86	18.75	20	4
5	256QAM	1	12	18.90	18.97	18.86		
5	256QAM	1	24	18.82	19.05	18.83		
5	256QAM	12	0	18.62	18.98	18.88	20	4
5	256QAM	12	7	18.70	19.03	18.79		
5	256QAM	12	13	18.84	18.96	18.95		
5	256QAM	25	0	18.74	18.77	18.79		

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.8	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.91	16.01	15.96	17.10	16.67	16.75	16.67	17.70	20.39	20.35	20.29	21.90
3GPP Rel 99	RMC 12.2Kbps	16.07	16.11	16.03	17.10	16.75	16.92	16.85	17.70	20.44	20.52	20.39	21.90
3GPP Rel 6	HSDPA Subtest-1	15.09	15.05	15.08	16.10	16.00	15.89	15.90	16.70	19.37	19.54	19.34	20.90
3GPP Rel 6	HSDPA Subtest-2	15.02	15.08	14.98	16.10	15.96	15.87	16.00	16.70	19.50	19.50	19.35	20.90
3GPP Rel 6	HSDPA Subtest-3	14.64	14.60	14.48	15.60	15.42	15.38	15.46	16.20	18.90	18.95	18.93	20.40
3GPP Rel 6	HSDPA Subtest-4	14.53	14.65	14.59	15.60	15.37	15.35	15.34	16.20	19.02	18.99	18.88	20.40
3GPP Rel 8	DC-HSDPA Subtest-1	15.08	15.03	14.98	16.10	15.94	15.97	15.86	16.70	19.36	19.44	19.36	20.90
3GPP Rel 8	DC-HSDPA Subtest-2	15.11	15.12	15.02	16.10	15.99	15.92	15.89	16.70	19.45	19.51	19.33	20.90
3GPP Rel 8	DC-HSDPA Subtest-3	14.63	14.54	14.59	15.60	15.43	15.44	15.48	16.20	18.94	19.02	18.84	20.40
3GPP Rel 8	DC-HSDPA Subtest-4	14.51	14.68	14.55	15.60	15.42	15.36	15.49	16.20	18.91	19.02	18.92	20.40
3GPP Rel 6	HSUPA Subtest-1	15.09	15.09	14.97	16.10	15.92	15.91	15.94	16.70	19.47	19.50	19.46	20.90
3GPP Rel 6	HSUPA Subtest-2	13.13	13.04	13.00	14.10	13.95	13.96	13.87	14.70	17.38	17.47	17.37	18.90
3GPP Rel 6	HSUPA Subtest-3	14.06	14.08	14.10	15.10	14.95	14.80	14.91	15.70	18.48	18.48	18.37	19.90
3GPP Rel 6	HSUPA Subtest-4	13.09	13.09	13.09	14.10	13.99	14.00	13.89	14.70	17.44	17.53	17.36	18.90
3GPP Rel 6	HSUPA Subtest-5	15.12	15.10	15.08	16.10	15.89	15.92	15.94	16.70	19.51	19.58	19.37	20.90
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.64	12.67	12.54	13.60	13.45	13.36	13.35	14.20	16.99	17.03	16.84	18.40

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.82	14.86	14.64	15.8	0
20	QPSK	1	49	14.50	14.66	14.71		
20	QPSK	1	99	14.57	14.51	14.52		
20	QPSK	50	0	14.48	14.76	14.70	15.8	0
20	QPSK	50	24	14.74	14.57	14.61		
20	QPSK	50	50	14.50	14.75	14.53		
20	QPSK	100	0	14.61	14.74	14.72		
20	16QAM	1	0	14.52	14.69	14.58	15.8	0
20	16QAM	1	49	14.65	14.52	14.74		
20	16QAM	1	99	14.59	14.69	14.68		
20	16QAM	50	0	14.78	14.81	14.59	15.8	0
20	16QAM	50	24	14.42	14.54	14.66		
20	16QAM	50	50	14.50	14.34	14.35		
20	16QAM	100	0	14.31	14.73	14.54		
20	64QAM	1	0	14.56	14.42	14.49	15.8	0
20	64QAM	1	49	14.38	14.57	14.45		
20	64QAM	1	99	14.56	14.61	14.63		
20	64QAM	50	0	14.46	14.53	14.47	15.8	0
20	64QAM	50	24	14.73	14.75	14.56		
20	64QAM	50	50	14.46	14.54	14.62		
20	64QAM	100	0	14.51	14.37	14.50		
20	256QAM	1	0	14.32	14.69	14.63	15.8	0
20	256QAM	1	49	14.58	14.41	14.51		
20	256QAM	1	99	14.40	14.62	14.47		
20	256QAM	50	0	14.54	14.57	14.58	15.8	0
20	256QAM	50	24	14.44	14.58	14.53		
20	256QAM	50	50	14.48	14.42	14.70		
20	256QAM	100	0	14.41	14.53	14.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.78	14.71	14.61	15.8	0
15	QPSK	1	37	14.34	14.58	14.69		
15	QPSK	1	74	14.50	14.37	14.36		
15	QPSK	36	0	14.44	14.66	14.54	15.8	0
15	QPSK	36	20	14.70	14.52	14.43		
15	QPSK	36	39	14.36	14.70	14.35		
15	QPSK	75	0	14.45	14.59	14.63		
15	16QAM	1	0	14.47	14.60	14.53	15.8	0
15	16QAM	1	37	14.52	14.45	14.61		
15	16QAM	1	74	14.47	14.61	14.66		
15	16QAM	36	0	14.75	14.74	14.56	15.8	0
15	16QAM	36	20	14.32	14.40	14.55		
15	16QAM	36	39	14.34	14.30	14.23		
15	16QAM	75	0	14.20	14.58	14.38		
15	64QAM	1	0	14.49	14.28	14.32	15.8	0
15	64QAM	1	37	14.28	14.40	14.37		
15	64QAM	1	74	14.49	14.53	14.57		
15	64QAM	36	0	14.31	14.41	14.35	15.8	0
15	64QAM	36	20	14.61	14.63	14.41		
15	64QAM	36	39	14.41	14.36	14.53		
15	64QAM	75	0	14.47	14.33	14.37		
15	256QAM	1	0	14.16	14.54	14.61	15.8	0
15	256QAM	1	37	14.51	14.23	14.33		
15	256QAM	1	74	14.32	14.44	14.40		
15	256QAM	36	0	14.51	14.52	14.45	15.8	0
15	256QAM	36	20	14.35	14.51	14.47		
15	256QAM	36	39	14.35	14.28	14.67		
15	256QAM	75	0	14.33	14.38	14.59		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.65	14.72	14.61	15.8	0
10	QPSK	1	25	14.41	14.54	14.60		
10	QPSK	1	49	14.41	14.39	14.38		
10	QPSK	25	0	14.44	14.63	14.53	15.8	0
10	QPSK	25	12	14.69	14.46	14.49		
10	QPSK	25	25	14.43	14.72	14.38		
10	QPSK	50	0	14.56	14.65	14.56		
10	16QAM	1	0	14.36	14.62	14.56	15.8	0
10	16QAM	1	25	14.48	14.42	14.58		
10	16QAM	1	49	14.52	14.56	14.61		
10	16QAM	25	0	14.62	14.72	14.43	15.8	0
10	16QAM	25	12	14.25	14.39	14.60		
10	16QAM	25	25	14.32	14.28	14.29		
10	16QAM	50	0	14.19	14.57	14.40		
10	64QAM	1	0	14.44	14.38	14.34	15.8	0
10	64QAM	1	25	14.22	14.52	14.41		
10	64QAM	1	49	14.47	14.50	14.46		
10	64QAM	25	0	14.32	14.42	14.32	15.8	0
10	64QAM	25	12	14.69	14.63	14.47		
10	64QAM	25	25	14.41	14.44	14.60		
10	64QAM	50	0	14.44	14.25	14.41		
10	256QAM	1	0	14.28	14.60	14.48	15.8	0
10	256QAM	1	25	14.51	14.25	14.47		
10	256QAM	1	49	14.31	14.45	14.32		
10	256QAM	25	0	14.44	14.40	14.49	15.8	0
10	256QAM	25	12	14.41	14.51	14.50		
10	256QAM	25	25	14.36	14.30	14.53		
10	256QAM	50	0	14.33	14.45	14.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.74	14.76	14.55	15.8	0
5	QPSK	1	12	14.39	14.60	14.64		
5	QPSK	1	24	14.52	14.45	14.34		
5	QPSK	12	0	14.45	14.71	14.60	15.8	0
5	QPSK	12	7	14.69	14.49	14.45		
5	QPSK	12	13	14.34	14.61	14.35		
5	QPSK	25	0	14.47	14.66	14.60		
5	16QAM	1	0	14.41	14.62	14.41	15.8	0
5	16QAM	1	12	14.48	14.42	14.65		
5	16QAM	1	24	14.57	14.52	14.56		
5	16QAM	12	0	14.74	14.67	14.57	15.8	0
5	16QAM	12	7	14.37	14.45	14.54		
5	16QAM	12	13	14.36	14.26	14.19		
5	16QAM	25	0	14.13	14.66	14.37		
5	64QAM	1	0	14.41	14.26	14.47	15.8	0
5	64QAM	1	12	14.29	14.43	14.39		
5	64QAM	1	24	14.51	14.50	14.48		
5	64QAM	12	0	14.32	14.49	14.30	15.8	0
5	64QAM	12	7	14.67	14.61	14.51		
5	64QAM	12	13	14.36	14.45	14.53		
5	64QAM	25	0	14.38	14.20	14.44		
5	256QAM	1	0	14.27	14.62	14.45	15.8	0
5	256QAM	1	12	14.54	14.26	14.45		
5	256QAM	1	24	14.25	14.55	14.35		
5	256QAM	12	0	14.45	14.44	14.52	15.8	0
5	256QAM	12	7	14.28	14.44	14.41		
5	256QAM	12	13	14.31	14.38	14.62		
5	256QAM	25	0	14.28	14.35	14.63		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.69	14.80	14.60	15.8	0
3	QPSK	1	8	14.42	14.57	14.68		
3	QPSK	1	14	14.41	14.39	14.40		
3	QPSK	8	0	14.44	14.69	14.59	15.8	0
3	QPSK	8	4	14.71	14.41	14.54		
3	QPSK	8	7	14.45	14.63	14.46		
3	QPSK	15	0	14.58	14.72	14.62		
3	16QAM	1	0	14.36	14.52	14.40	15.8	0
3	16QAM	1	8	14.57	14.47	14.61		
3	16QAM	1	14	14.54	14.67	14.65		
3	16QAM	8	0	14.62	14.70	14.53	15.8	0
3	16QAM	8	4	14.34	14.42	14.56		
3	16QAM	8	7	14.39	14.22	14.21		
3	16QAM	15	0	14.28	14.57	14.49		
3	64QAM	1	0	14.46	14.30	14.36	15.8	0
3	64QAM	1	8	14.28	14.48	14.27		
3	64QAM	1	14	14.53	14.59	14.60		
3	64QAM	8	0	14.30	14.41	14.43	15.8	0
3	64QAM	8	4	14.58	14.69	14.43		
3	64QAM	8	7	14.36	14.52	14.52		
3	64QAM	15	0	14.39	14.21	14.39		
3	256QAM	1	0	14.20	14.55	14.54	15.8	0
3	256QAM	1	8	14.50	14.26	14.47		
3	256QAM	1	14	14.28	14.45	14.30		
3	256QAM	8	0	14.41	14.51	14.41	15.8	0
3	256QAM	8	4	14.32	14.55	14.41		
3	256QAM	8	7	14.35	14.39	14.56		
3	256QAM	15	0	14.25	14.45	14.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.75	14.82	14.54	15.8	0
1.4	QPSK	1	3	14.35	14.58	14.68		
1.4	QPSK	1	5	14.49	14.38	14.38		
1.4	QPSK	3	0	14.36	14.65	14.61		
1.4	QPSK	3	1	14.64	14.53	14.43		
1.4	QPSK	3	3	14.43	14.67	14.39		
1.4	QPSK	6	0	14.44	14.61	14.55	15.8	0
1.4	16QAM	1	0	14.39	14.62	14.49	15.8	0
1.4	16QAM	1	3	14.50	14.50	14.57		
1.4	16QAM	1	5	14.41	14.51	14.65		
1.4	16QAM	3	0	14.73	14.75	14.53		
1.4	16QAM	3	1	14.27	14.49	14.49		
1.4	16QAM	3	3	14.45	14.25	14.20		
1.4	16QAM	6	0	14.25	14.58	14.40	15.8	0
1.4	64QAM	1	0	14.48	14.32	14.44	15.8	0
1.4	64QAM	1	3	14.24	14.43	14.37		
1.4	64QAM	1	5	14.38	14.47	14.60		
1.4	64QAM	3	0	14.32	14.48	14.40		
1.4	64QAM	3	1	14.63	14.57	14.47		
1.4	64QAM	3	3	14.36	14.48	14.51		
1.4	64QAM	6	0	14.48	14.30	14.38	15.8	0
1.4	256QAM	1	0	14.21	14.55	14.58	15.8	0
1.4	256QAM	1	3	14.42	14.27	14.40		
1.4	256QAM	1	5	14.37	14.48	14.43		
1.4	256QAM	3	0	14.41	14.55	14.46		
1.4	256QAM	3	1	14.29	14.46	14.50		
1.4	256QAM	3	3	14.34	14.28	14.62		
1.4	256QAM	6	0	14.38	14.38	14.58	15.8	0

Band 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	16.32	16.41	16.34	17.9	0
20	QPSK	1	49	16.06	16.27	16.19		
20	QPSK	1	99	16.20	16.31	16.18		
20	QPSK	50	0	16.21	16.38	16.34	17.9	0
20	QPSK	50	24	16.25	16.32	16.20		
20	QPSK	50	50	16.15	16.24	16.34		
20	QPSK	100	0	16.15	16.37	16.17		
20	16QAM	1	0	16.26	16.25	16.20	17.9	0
20	16QAM	1	49	16.32	16.31	16.34		
20	16QAM	1	99	16.06	16.27	16.19		
20	16QAM	50	0	16.20	16.31	16.18	17.9	0
20	16QAM	50	24	16.21	16.38	16.34		
20	16QAM	50	50	16.25	16.32	16.20		
20	16QAM	100	0	16.15	16.24	16.34		
20	64QAM	1	0	16.15	16.37	16.17	17.9	0
20	64QAM	1	49	16.26	16.25	16.20		
20	64QAM	1	99	16.07	16.15	16.31		
20	64QAM	50	0	16.25	16.24	16.30	17.9	0
20	64QAM	50	24	16.32	16.35	16.34		
20	64QAM	50	50	16.06	16.27	16.19		
20	64QAM	100	0	16.20	16.31	16.18		
20	256QAM	1	0	16.21	16.38	16.34	17.9	0
20	256QAM	1	49	16.25	16.32	16.20		
20	256QAM	1	99	16.15	16.24	16.34		
20	256QAM	50	0	16.15	16.37	16.17	17.9	0
20	256QAM	50	24	16.26	16.25	16.20		
20	256QAM	50	50	16.07	16.15	16.31		
20	256QAM	100	0	16.25	16.24	16.30		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.15	16.28	16.19	17.9	0
15	QPSK	1	37	15.92	16.15	16.10		
15	QPSK	1	74	16.16	16.22	16.04		
15	QPSK	36	0	16.15	16.26	16.29	17.9	0
15	QPSK	36	20	16.14	16.20	16.15		
15	QPSK	36	39	15.97	16.10	16.19		
15	QPSK	75	0	15.97	16.21	16.04		
15	16QAM	1	0	16.23	16.15	16.17	17.9	0
15	16QAM	1	37	16.30	16.35	16.29		
15	16QAM	1	74	15.93	16.11	16.02		
15	16QAM	36	0	16.04	16.18	16.07	17.9	0
15	16QAM	36	20	16.04	16.30	16.22		
15	16QAM	36	39	16.10	16.24	16.12		
15	16QAM	75	0	16.03	16.06	16.27		
15	64QAM	1	0	16.00	16.28	16.15	17.9	0
15	64QAM	1	37	16.23	16.21	16.14		
15	64QAM	1	74	16.00	16.09	16.16		
15	64QAM	36	0	16.21	16.15	16.16	17.9	0
15	64QAM	36	20	16.28	16.26	16.30		
15	64QAM	36	39	16.03	16.17	16.16		
15	64QAM	75	0	16.04	16.24	16.01		
15	256QAM	1	0	16.14	16.27	16.31	17.9	0
15	256QAM	1	37	16.21	16.23	16.08		
15	256QAM	1	74	16.00	16.17	16.29		
15	256QAM	36	0	15.97	16.34	16.04	17.9	0
15	256QAM	36	20	16.18	16.22	16.12		
15	256QAM	36	39	15.94	16.08	16.22		
15	256QAM	75	0	16.18	16.19	16.25		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.24	16.35	16.30	17.9	0
10	QPSK	1	25	15.99	16.19	16.17		
10	QPSK	1	49	16.14	16.25	16.05		
10	QPSK	25	0	16.19	16.35	16.17	17.9	0
10	QPSK	25	12	16.08	16.29	16.16		
10	QPSK	25	25	16.09	16.18	16.22		
10	QPSK	50	0	16.01	16.35	16.01		
10	16QAM	1	0	16.18	16.16	16.08	17.9	0
10	16QAM	1	25	16.20	16.36	16.23		
10	16QAM	1	49	15.93	16.14	16.04		
10	16QAM	25	0	16.03	16.18	16.01	17.9	0
10	16QAM	25	12	16.05	16.22	16.30		
10	16QAM	25	25	16.08	16.25	16.13		
10	16QAM	50	0	16.12	16.15	16.17		
10	64QAM	1	0	15.98	16.28	16.03	17.9	0
10	64QAM	1	25	16.15	16.11	16.08		
10	64QAM	1	49	15.97	16.11	16.23		
10	64QAM	25	0	16.07	16.19	16.13	17.9	0
10	64QAM	25	12	16.26	16.29	16.32		
10	64QAM	25	25	16.21	16.25	16.12		
10	64QAM	50	0	16.02	16.27	16.12		
10	256QAM	1	0	16.09	16.33	16.18	17.9	0
10	256QAM	1	25	16.08	16.24	16.02		
10	256QAM	1	49	16.07	16.10	16.31		
10	256QAM	25	0	16.06	16.30	16.15	17.9	0
10	256QAM	25	12	16.14	16.17	16.11		
10	256QAM	25	25	16.04	16.07	16.24		
10	256QAM	50	0	16.18	16.21	16.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.18	16.25	16.31	17.9	0
5	QPSK	1	12	15.96	16.20	16.17		
5	QPSK	1	24	16.10	16.15	16.02		
5	QPSK	12	0	16.12	16.22	16.27	17.9	0
5	QPSK	12	7	16.14	16.29	16.13		
5	QPSK	12	13	15.98	16.17	16.22		
5	QPSK	25	0	16.05	16.27	16.11		
5	16QAM	1	0	16.18	16.08	16.11	17.9	0
5	16QAM	1	12	16.28	16.29	16.19		
5	16QAM	1	24	16.01	16.09	16.14		
5	16QAM	12	0	16.12	16.17	16.02	17.9	0
5	16QAM	12	7	16.16	16.28	16.24		
5	16QAM	12	13	16.22	16.27	16.17		
5	16QAM	25	0	16.00	16.18	16.30		
5	64QAM	1	0	16.12	16.23	16.04	17.9	0
5	64QAM	1	12	16.17	16.22	16.14		
5	64QAM	1	24	16.03	16.12	16.20		
5	64QAM	12	0	16.16	16.07	16.12	17.9	0
5	64QAM	12	7	16.24	16.18	16.21		
5	64QAM	12	13	16.02	16.12	16.13		
5	64QAM	25	0	16.08	16.25	16.11		
5	256QAM	1	0	16.10	16.27	16.30	17.9	0
5	256QAM	1	12	16.14	16.29	16.12		
5	256QAM	1	24	16.12	16.10	16.24		
5	256QAM	12	0	16.00	16.34	16.03	17.9	0
5	256QAM	12	7	16.19	16.13	16.08		
5	256QAM	12	13	15.99	15.99	16.26		
5	256QAM	25	0	16.20	16.11	16.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.15	16.37	16.22	17.9	0
3	QPSK	1	8	15.90	16.13	16.14		
3	QPSK	1	14	16.14	16.16	16.01		
3	QPSK	8	0	16.15	16.35	16.17	17.9	0
3	QPSK	8	4	16.20	16.16	16.14		
3	QPSK	8	7	16.04	16.19	16.18		
3	QPSK	15	0	16.13	16.26	16.02		
3	16QAM	1	0	16.12	16.15	16.09	17.9	0
3	16QAM	1	8	16.20	16.34	16.27		
3	16QAM	1	14	16.15	16.16	16.16		
3	16QAM	8	0	16.07	16.16	16.08	17.9	0
3	16QAM	8	4	16.17	16.29	16.21		
3	16QAM	8	7	16.08	16.18	16.17		
3	16QAM	15	0	16.10	16.07	16.17		
3	64QAM	1	0	16.13	16.26	16.13	17.9	0
3	64QAM	1	8	16.23	16.20	16.07		
3	64QAM	1	14	15.93	16.10	16.16		
3	64QAM	8	0	16.19	16.11	16.24	17.9	0
3	64QAM	8	4	16.24	16.28	16.21		
3	64QAM	8	7	15.94	16.11	16.09		
3	64QAM	15	0	16.17	16.18	16.10		
3	256QAM	1	0	16.14	16.34	16.27	17.9	0
3	256QAM	1	8	16.13	16.17	16.15		
3	256QAM	1	14	16.01	16.22	16.22		
3	256QAM	8	0	16.05	16.23	16.13	17.9	0
3	256QAM	8	4	16.13	16.11	16.17		
3	256QAM	8	7	15.93	16.11	16.29		
3	256QAM	15	0	16.14	16.19	16.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.24	16.28	16.17	17.9	0
1.4	QPSK	1	3	16.00	16.11	16.15		
1.4	QPSK	1	5	16.07	16.21	16.03		
1.4	QPSK	3	0	16.17	16.36	16.25		
1.4	QPSK	3	1	16.13	16.26	16.12		
1.4	QPSK	3	3	15.99	16.12	16.23		
1.4	QPSK	6	0	16.10	16.22	16.11	17.9	0
1.4	16QAM	1	0	16.16	16.07	16.16	17.9	0
1.4	16QAM	1	3	16.30	16.38	16.18		
1.4	16QAM	1	5	15.92	16.17	16.05		
1.4	16QAM	3	0	16.15	16.28	16.07		
1.4	16QAM	3	1	16.12	16.33	16.24		
1.4	16QAM	3	3	16.08	16.21	16.08		
1.4	16QAM	6	0	15.99	16.13	16.21	17.9	0
1.4	64QAM	1	0	15.99	16.25	16.09	17.9	0
1.4	64QAM	1	3	16.22	16.09	16.11		
1.4	64QAM	1	5	15.91	16.05	16.20		
1.4	64QAM	3	0	16.19	16.16	16.20		
1.4	64QAM	3	1	16.23	16.24	16.25		
1.4	64QAM	3	3	15.98	16.11	16.13		
1.4	64QAM	6	0	16.16	16.26	16.06	17.9	0
1.4	256QAM	1	0	16.13	16.30	16.25	17.9	0
1.4	256QAM	1	3	16.20	16.21	16.14		
1.4	256QAM	1	5	16.04	16.15	16.20		
1.4	256QAM	3	0	16.02	16.33	16.12		
1.4	256QAM	3	1	16.23	16.10	16.12		
1.4	256QAM	3	3	16.00	16.08	16.16		
1.4	256QAM	6	0	16.08	16.07	16.13	17.9	0

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.05	21.13	21.03	21.5	0
10	QPSK	1	25	20.98	21.04	21.06		
10	QPSK	1	49	20.92	20.95	20.96		
10	QPSK	25	0	20.95	21.06	20.90	21.5	0
10	QPSK	25	12	21.04	20.95	20.99		
10	QPSK	25	25	20.89	20.98	20.91		
10	QPSK	50	0	20.89	21.05	21.03		
10	16QAM	1	0	21.01	20.87	20.90	21.5	0
10	16QAM	1	25	20.97	21.01	21.10		
10	16QAM	1	49	21.00	20.98	20.99		
10	16QAM	25	0	21.10	20.93	21.00	21.5	0
10	16QAM	25	12	21.08	21.09	21.04		
10	16QAM	25	25	21.00	20.97	20.93		
10	16QAM	50	0	21.05	20.96	20.94		
10	64QAM	1	0	20.95	20.90	20.98	21.5	0
10	64QAM	1	25	20.99	21.02	20.98		
10	64QAM	1	49	21.01	20.97	21.02		
10	64QAM	25	0	21.01	21.02	20.94	21.5	0
10	64QAM	25	12	20.96	21.06	20.92		
10	64QAM	25	25	20.94	20.92	20.98		
10	64QAM	50	0	20.82	20.84	20.87		
10	256QAM	1	0	19.70	19.67	19.55	21	0.5
10	256QAM	1	25	19.57	19.71	19.66		
10	256QAM	1	49	19.50	19.59	19.57		
10	256QAM	25	0	19.53	19.56	19.50	21	0.5
10	256QAM	25	12	19.61	19.68	19.55		
10	256QAM	25	25	19.51	19.74	19.69		
10	256QAM	50	0	19.51	19.58	19.58		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.92	21.07	20.92	21.5	0
5	QPSK	1	12	20.94	20.96	20.93		
5	QPSK	1	24	20.83	20.82	20.84		
5	QPSK	12	0	20.91	20.94	20.85	21.5	0
5	QPSK	12	7	20.95	20.86	20.94		
5	QPSK	12	13	20.85	20.91	20.77		
5	QPSK	25	0	20.81	21.00	20.91		
5	16QAM	1	0	20.94	20.78	20.83	21.5	0
5	16QAM	1	12	20.95	20.95	21.01		
5	16QAM	1	24	20.86	20.92	20.91		
5	16QAM	12	0	21.03	20.83	20.88	21.5	0
5	16QAM	12	7	20.98	21.01	21.00		
5	16QAM	12	13	20.95	20.86	20.87		
5	16QAM	25	0	20.97	20.88	20.85		
5	64QAM	1	0	20.92	20.86	20.86	21.5	0
5	64QAM	1	12	20.94	20.94	20.86		
5	64QAM	1	24	20.97	20.85	20.91		
5	64QAM	12	0	20.91	20.91	20.91	21.5	0
5	64QAM	12	7	20.84	20.94	20.81		
5	64QAM	12	13	20.84	20.89	20.86		
5	64QAM	25	0	20.79	20.76	20.75		
5	256QAM	1	0	19.61	19.57	19.50	21	0.5
5	256QAM	1	12	19.54	19.64	19.55		
5	256QAM	1	24	19.36	19.49	19.44		
5	256QAM	12	0	19.39	19.42	19.42	21	0.5
5	256QAM	12	7	19.48	19.66	19.42		
5	256QAM	12	13	19.35	19.57	19.58		
5	256QAM	25	0	19.49	19.54	19.56		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.99	21.08	21.01	21.5	0
3	QPSK	1	8	20.96	20.93	20.99		
3	QPSK	1	14	20.84	20.88	20.88		
3	QPSK	8	0	20.86	20.99	20.78	21.5	0
3	QPSK	8	4	20.93	20.82	20.90		
3	QPSK	8	7	20.75	20.90	20.84		
3	QPSK	15	0	20.77	21.02	20.93		
3	16QAM	1	0	20.87	20.81	20.81	21.5	0
3	16QAM	1	8	20.94	20.92	21.07		
3	16QAM	1	14	20.87	20.95	20.92		
3	16QAM	8	0	21.01	20.86	20.96	21.5	0
3	16QAM	8	4	21.04	21.07	21.02		
3	16QAM	8	7	20.86	20.83	20.83		
3	16QAM	15	0	20.92	20.84	20.81		
3	64QAM	1	0	20.91	20.81	20.86	21.5	0
3	64QAM	1	8	20.85	20.89	20.89		
3	64QAM	1	14	20.89	20.87	20.97		
3	64QAM	8	0	20.97	20.93	20.91	21.5	0
3	64QAM	8	4	20.93	20.94	20.87		
3	64QAM	8	7	20.85	20.82	20.88		
3	64QAM	15	0	20.75	20.72	20.74		
3	256QAM	1	0	19.60	19.55	19.38	21	0.5
3	256QAM	1	8	19.40	19.57	19.61		
3	256QAM	1	14	19.36	19.44	19.52		
3	256QAM	8	0	19.44	19.44	19.39	21	0.5
3	256QAM	8	4	19.51	19.63	19.49		
3	256QAM	8	7	19.48	19.70	19.60		
3	256QAM	15	0	19.42	19.51	19.47		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.97	21.07	20.98	21.5	0
1.4	QPSK	1	3	20.87	21.00	20.94		
1.4	QPSK	1	5	20.86	20.81	20.86		
1.4	QPSK	3	0	20.92	21.00	20.76		
1.4	QPSK	3	1	20.97	20.87	20.92		
1.4	QPSK	3	3	20.81	20.87	20.88		
1.4	QPSK	6	0	20.86	20.92	21.00	21.5	0
1.4	16QAM	1	0	20.88	20.78	20.77	21.5	0
1.4	16QAM	1	3	20.87	20.95	20.96		
1.4	16QAM	1	5	20.94	20.84	20.90		
1.4	16QAM	3	0	21.05	20.88	20.88		
1.4	16QAM	3	1	20.98	21.03	20.98		
1.4	16QAM	3	3	20.86	20.94	20.86		
1.4	16QAM	6	0	20.92	20.84	20.88	21.5	0
1.4	64QAM	1	0	20.92	20.82	20.89	21.5	0
1.4	64QAM	1	3	20.86	20.94	20.90		
1.4	64QAM	1	5	20.96	20.92	20.97		
1.4	64QAM	3	0	20.95	20.92	20.81		
1.4	64QAM	3	1	20.90	20.99	20.79		
1.4	64QAM	3	3	20.83	20.86	20.90		
1.4	64QAM	6	0	20.76	20.72	20.77	21.5	0
1.4	256QAM	1	0	19.59	19.63	19.56	21	0.5
1.4	256QAM	1	3	19.51	19.61	19.59		
1.4	256QAM	1	5	19.56	19.50	19.59		
1.4	256QAM	3	0	19.59	19.61	19.53		
1.4	256QAM	3	1	19.60	19.62	19.64		
1.4	256QAM	3	3	19.55	19.52	19.51		
1.4	256QAM	6	0	19.52	19.61	19.57	21	0.5

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	12.50	12.63	12.53	13.9	0
20	QPSK	1	49	12.50	12.53	12.55		
20	QPSK	1	99	12.43	12.51	12.41		
20	QPSK	50	0	12.53	12.56	12.48	13.9	0
20	QPSK	50	24	12.43	12.45	12.53		
20	QPSK	50	50	12.45	12.55	12.41		
20	QPSK	100	0	12.48	12.53	12.45		
20	16QAM	1	0	12.50	12.50	12.56	13.9	0
20	16QAM	1	49	12.57	12.51	12.54		
20	16QAM	1	99	12.41	12.54	12.48		
20	16QAM	50	0	12.44	12.44	12.50	13.9	0
20	16QAM	50	24	12.54	12.49	12.51		
20	16QAM	50	50	12.54	12.49	12.47		
20	16QAM	100	0	12.45	12.46	12.50		
20	64QAM	1	0	12.46	12.47	12.57	13.9	0
20	64QAM	1	49	12.49	12.55	12.49		
20	64QAM	1	99	12.46	12.52	12.49		
20	64QAM	50	0	12.50	12.55	12.46	13.9	0
20	64QAM	50	24	12.48	12.46	12.50		
20	64QAM	50	50	12.46	12.44	12.55		
20	64QAM	100	0	12.51	12.44	12.54		
20	256QAM	1	0	12.51	12.43	12.48	13.9	0
20	256QAM	1	49	12.43	12.49	12.46		
20	256QAM	1	99	12.47	12.56	12.50		
20	256QAM	50	0	12.47	12.45	12.56	13.9	0
20	256QAM	50	24	12.56	12.53	12.57		
20	256QAM	50	50	12.49	12.50	12.45		
20	256QAM	100	0	12.50	12.52	12.43		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	12.44	12.46	12.39	13.9	0
15	QPSK	1	37	12.46	12.40	12.38		
15	QPSK	1	74	12.40	12.37	12.31		
15	QPSK	36	0	12.48	12.52	12.43	13.9	0
15	QPSK	36	20	12.32	12.39	12.37		
15	QPSK	36	39	12.31	12.45	12.26		
15	QPSK	75	0	12.38	12.44	12.30		
15	16QAM	1	0	12.41	12.35	12.45	13.9	0
15	16QAM	1	37	12.45	12.39	12.45		
15	16QAM	1	74	12.25	12.38	12.42		
15	16QAM	36	0	12.36	12.34	12.47	13.9	0
15	16QAM	36	20	12.46	12.46	12.34		
15	16QAM	36	39	12.44	12.38	12.37		
15	16QAM	75	0	12.34	12.38	12.38		
15	64QAM	1	0	12.39	12.39	12.45	13.9	0
15	64QAM	1	37	12.39	12.48	12.32		
15	64QAM	1	74	12.39	12.41	12.36		
15	64QAM	36	0	12.45	12.48	12.30	13.9	0
15	64QAM	36	20	12.35	12.44	12.36		
15	64QAM	36	39	12.31	12.37	12.50		
15	64QAM	75	0	12.37	12.35	12.43		
15	256QAM	1	0	12.41	12.30	12.40	13.9	0
15	256QAM	1	37	12.35	12.43	12.33		
15	256QAM	1	74	12.39	12.45	12.40		
15	256QAM	36	0	12.34	12.29	12.38	13.9	0
15	256QAM	36	20	12.45	12.42	12.40		
15	256QAM	36	39	12.34	12.39	12.41		
15	256QAM	75	0	12.47	12.38	12.29		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	12.32	12.58	12.37	13.9	0
10	QPSK	1	25	12.32	12.48	12.52		
10	QPSK	1	49	12.26	12.40	12.28		
10	QPSK	25	0	12.40	12.39	12.36	13.9	0
10	QPSK	25	12	12.39	12.38	12.44		
10	QPSK	25	25	12.38	12.44	12.35		
10	QPSK	50	0	12.46	12.43	12.34		
10	16QAM	1	0	12.42	12.41	12.52	13.9	0
10	16QAM	1	25	12.46	12.40	12.41		
10	16QAM	1	49	12.24	12.41	12.36		
10	16QAM	25	0	12.34	12.35	12.35	13.9	0
10	16QAM	25	12	12.51	12.44	12.43		
10	16QAM	25	25	12.44	12.35	12.34		
10	16QAM	50	0	12.43	12.36	12.34		
10	64QAM	1	0	12.30	12.32	12.49	13.9	0
10	64QAM	1	25	12.44	12.44	12.45		
10	64QAM	1	49	12.34	12.37	12.44		
10	64QAM	25	0	12.42	12.43	12.43	13.9	0
10	64QAM	25	12	12.36	12.31	12.40		
10	64QAM	25	25	12.39	12.38	12.39		
10	64QAM	50	0	12.36	12.41	12.40		
10	256QAM	1	0	12.37	12.38	12.31	13.9	0
10	256QAM	1	25	12.33	12.36	12.32		
10	256QAM	1	49	12.30	12.48	12.40		
10	256QAM	25	0	12.38	12.39	12.54	13.9	0
10	256QAM	25	12	12.47	12.37	12.53		
10	256QAM	25	25	12.44	12.37	12.35		
10	256QAM	50	0	12.38	12.42	12.38		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	12.47	12.53	12.47	13.9	0
5	QPSK	1	12	12.35	12.49	12.43		
5	QPSK	1	24	12.36	12.41	12.29		
5	QPSK	12	0	12.38	12.52	12.34	13.9	0
5	QPSK	12	7	12.26	12.28	12.37		
5	QPSK	12	13	12.32	12.50	12.26		
5	QPSK	25	0	12.34	12.49	12.29		
5	16QAM	1	0	12.35	12.40	12.52	13.9	0
5	16QAM	1	12	12.55	12.45	12.51		
5	16QAM	1	24	12.38	12.39	12.37		
5	16QAM	12	0	12.28	12.29	12.35	13.9	0
5	16QAM	12	7	12.38	12.32	12.36		
5	16QAM	12	13	12.47	12.35	12.43		
5	16QAM	25	0	12.31	12.38	12.42		
5	64QAM	1	0	12.37	12.38	12.49	13.9	0
5	64QAM	1	12	12.37	12.46	12.46		
5	64QAM	1	24	12.31	12.39	12.37		
5	64QAM	12	0	12.44	12.43	12.42	13.9	0
5	64QAM	12	7	12.44	12.43	12.46		
5	64QAM	12	13	12.36	12.35	12.51		
5	64QAM	25	0	12.48	12.40	12.39		
5	256QAM	1	0	12.45	12.40	12.30	13.9	0
5	256QAM	1	12	12.38	12.41	12.31		
5	256QAM	1	24	12.39	12.46	12.40		
5	256QAM	12	0	12.43	12.31	12.46	13.9	0
5	256QAM	12	7	12.49	12.49	12.46		
5	256QAM	12	13	12.36	12.43	12.37		
5	256QAM	25	0	12.42	12.41	12.40		

Band 12

BW [MHz]	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	22.14	22.29	22.16	23.3	0
10	QPSK	1	25	22.14	22.18	22.21		
10	QPSK	1	49	22.18	22.13	22.24		
10	QPSK	25	0	22.15	22.21	22.16	23.3	0
10	QPSK	25	12	22.15	22.17	22.18		
10	QPSK	25	25	22.12	22.19	22.14		
10	QPSK	50	0	22.20	22.26	22.24		
10	16QAM	1	0	22.16	22.18	22.18	23.3	0
10	16QAM	1	25	22.26	22.21	22.27		
10	16QAM	1	49	22.28	22.17	22.22		
10	16QAM	25	0	22.18	22.13	22.27		
10	16QAM	25	12	22.16	22.27	22.26		
10	16QAM	25	25	22.23	22.16	22.25		
10	16QAM	50	0	22.25	22.14	22.21		
10	64QAM	1	0	22.28	22.19	22.22	23.3	0
10	64QAM	1	25	22.25	22.25	22.18		
10	64QAM	1	49	22.24	22.25	22.22		
10	64QAM	25	0	21.17	21.30	21.30	22.3	1
10	64QAM	25	12	21.20	21.30	21.21		
10	64QAM	25	25	21.21	21.14	21.17		
10	64QAM	50	0	21.23	21.31	21.17		
10	256QAM	1	0	19.19	19.36	19.27	20.3	3
10	256QAM	1	25	19.21	19.20	19.25		
10	256QAM	1	49	19.30	19.21	19.20		
10	256QAM	25	0	19.18	19.25	19.31	20.3	3
10	256QAM	25	12	19.16	19.27	19.28		
10	256QAM	25	25	19.19	19.29	19.19		
10	256QAM	50	0	19.26	19.20	19.20		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.12	22.13	22.07	23.3	0
5	QPSK	1	12	22.04	22.01	22.14		
5	QPSK	1	24	22.02	22.04	22.10		
5	QPSK	12	0	22.00	22.15	22.08	23.3	0
5	QPSK	12	7	22.10	22.08	22.08		
5	QPSK	12	13	22.02	22.02	22.07		
5	QPSK	25	0	22.13	22.14	22.12		
5	16QAM	1	0	22.05	22.02	22.10	23.3	0
5	16QAM	1	12	22.09	22.05	22.14		
5	16QAM	1	24	22.26	22.03	22.11		
5	16QAM	12	0	22.10	22.06	22.16	23.3	0
5	16QAM	12	7	22.09	22.21	22.14		
5	16QAM	12	13	22.12	22.07	22.12		
5	16QAM	25	0	22.18	22.03	22.08		
5	64QAM	1	0	22.23	22.14	22.19	23.3	0
5	64QAM	1	12	22.15	22.20	22.11		
5	64QAM	1	24	22.22	22.20	22.06		
5	64QAM	12	0	21.09	21.27	21.16	23	0.3
5	64QAM	12	7	21.12	21.16	21.12		
5	64QAM	12	13	21.04	21.04	21.10		
5	64QAM	25	0	21.17	21.16	21.09		
5	256QAM	1	0	19.15	19.22	19.10	21	2.3
5	256QAM	1	12	19.07	19.18	19.10		
5	256QAM	1	24	19.14	19.11	19.14		
5	256QAM	12	0	19.01	19.22	19.23	21	2.3
5	256QAM	12	7	19.09	19.12	19.22		
5	256QAM	12	13	19.02	19.13	19.14		
5	256QAM	25	0	19.15	19.08	19.13		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.06	22.17	22.05	23.3	0
3	QPSK	1	8	22.12	22.03	22.18		
3	QPSK	1	14	22.08	22.05	22.07		
3	QPSK	8	0	22.06	22.05	22.04	23.3	0
3	QPSK	8	4	22.07	22.13	22.06		
3	QPSK	8	7	22.08	22.04	22.04		
3	QPSK	15	0	22.08	22.15	22.21		
3	16QAM	1	0	22.10	22.15	22.05	23.3	0
3	16QAM	1	8	22.09	22.06	22.10		
3	16QAM	1	14	22.21	22.14	22.17		
3	16QAM	8	0	22.04	22.05	22.25	23.3	0
3	16QAM	8	4	22.08	22.17	22.14		
3	16QAM	8	7	22.13	22.12	22.15		
3	16QAM	15	0	22.17	22.10	22.06		
3	64QAM	1	0	22.11	22.02	22.15	23.3	0
3	64QAM	1	8	22.10	22.19	22.04		
3	64QAM	1	14	22.17	22.18	22.12		
3	64QAM	8	0	21.14	21.13	21.14	23	0.3
3	64QAM	8	4	21.05	21.25	21.15		
3	64QAM	8	7	21.08	21.02	21.10		
3	64QAM	15	0	21.20	21.21	21.01		
3	256QAM	1	0	19.05	19.32	19.18	21	2.3
3	256QAM	1	8	19.18	19.14	19.15		
3	256QAM	1	14	19.14	19.12	19.11		
3	256QAM	8	0	19.15	19.21	19.14	21	2.3
3	256QAM	8	4	19.01	19.22	19.14		
3	256QAM	8	7	19.08	19.17	19.03		
3	256QAM	15	0	19.11	19.16	19.18		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.07	22.19	22.00	23.3	0
1.4	QPSK	1	3	22.05	22.09	22.16		
1.4	QPSK	1	5	22.06	22.08	22.08		
1.4	QPSK	3	0	22.06	22.04	22.10		
1.4	QPSK	3	1	22.11	22.08	22.12		
1.4	QPSK	3	3	22.07	22.16	22.02		
1.4	QPSK	6	0	22.06	22.21	22.14	23.3	0
1.4	16QAM	1	0	22.07	22.15	22.08	23.3	0
1.4	16QAM	1	3	22.16	22.07	22.14		
1.4	16QAM	1	5	22.12	22.11	22.09		
1.4	16QAM	3	0	22.01	22.11	22.25		
1.4	16QAM	3	1	22.12	22.11	22.16		
1.4	16QAM	3	3	22.09	22.00	22.09		
1.4	16QAM	6	0	22.09	22.16	22.00	23.3	0
1.4	64QAM	1	0	22.11	22.19	22.08	23.3	0
1.4	64QAM	1	3	22.03	22.26	22.09		
1.4	64QAM	1	5	22.06	22.08	22.11		
1.4	64QAM	3	0	22.11	22.10	22.10		
1.4	64QAM	3	1	22.01	22.05	22.12		
1.4	64QAM	3	3	22.05	22.05	22.14		
1.4	64QAM	6	0	21.14	21.07	21.03	23	0.3
1.4	256QAM	1	0	19.08	19.11	19.30	21	2.3
1.4	256QAM	1	3	19.04	19.06	19.20		
1.4	256QAM	1	5	19.13	19.17	19.21		
1.4	256QAM	3	0	19.12	19.02	19.09		
1.4	256QAM	3	1	19.02	19.06	19.30		
1.4	256QAM	3	3	19.15	19.05	19.22		
1.4	256QAM	6	0	19.14	19.01	19.02	21	2.3

Band 13

BW [MHz]	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		22.38		23.4	0
10	QPSK	1	25		22.34			
10	QPSK	1	49		22.36			
10	QPSK	25	0		22.37		23.4	0
10	QPSK	25	12		22.36			
10	QPSK	25	25		22.32			
10	QPSK	50	0		22.37			
10	16QAM	1	0		22.31		23.4	0
10	16QAM	1	25		22.31			
10	16QAM	1	49		22.37			
10	16QAM	25	0		21.43		23	0.4
10	16QAM	25	12		21.32			
10	16QAM	25	25		21.33			
10	16QAM	50	0		21.37			
10	64QAM	1	0		21.39		23	0.4
10	64QAM	1	25		21.34			
10	64QAM	1	49		21.42			
10	64QAM	25	0		20.39		22	1.4
10	64QAM	25	12		20.42			
10	64QAM	25	25		20.41			
10	64QAM	50	0		20.40			
10	256QAM	1	0		18.38		20	3.4
10	256QAM	1	25		18.38			
10	256QAM	1	49		18.40			
10	256QAM	25	0		18.34		20	3.4
10	256QAM	25	12		18.32			
10	256QAM	25	25		18.40			
10	256QAM	50	0		18.37			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.28	22.28	22.28	23.4	0
5	QPSK	1	12	22.24	22.24	22.24		
5	QPSK	1	24	22.26	22.26	22.26		
5	QPSK	12	0	22.27	22.27	22.27	23.4	0
5	QPSK	12	7	22.26	22.26	22.26		
5	QPSK	12	13	22.22	22.22	22.22		
5	QPSK	25	0	22.27	22.27	22.27		
5	16QAM	1	0	22.21	22.21	22.21	23.4	0
5	16QAM	1	12	22.21	22.21	22.21		
5	16QAM	1	24	22.27	22.27	22.27		
5	16QAM	12	0	21.33	21.33	21.33	23	0.4
5	16QAM	12	7	21.22	21.22	21.22		
5	16QAM	12	13	21.23	21.23	21.23		
5	16QAM	25	0	21.27	21.27	21.27		
5	64QAM	1	0	21.29	21.29	21.29	23	0.4
5	64QAM	1	12	21.24	21.24	21.24		
5	64QAM	1	24	21.32	21.32	21.32		
5	64QAM	12	0	20.29	20.29	20.29	22	1.4
5	64QAM	12	7	20.32	20.32	20.32		
5	64QAM	12	13	20.31	20.31	20.31		
5	64QAM	25	0	20.30	20.30	20.30		
5	256QAM	1	0	18.28	18.28	18.28	20	3.4
5	256QAM	1	12	18.28	18.28	18.28		
5	256QAM	1	24	18.30	18.30	18.30		
5	256QAM	12	0	18.24	18.24	18.24	20	3.4
5	256QAM	12	7	18.22	18.22	18.22		
5	256QAM	12	13	18.30	18.30	18.30		
5	256QAM	25	0	18.27	18.27	18.27		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.70		22.5	0
10	QPSK	1	25		21.57			
10	QPSK	1	49		21.57			
10	QPSK	25	0		21.61		22.5	0
10	QPSK	25	12		21.55			
10	QPSK	25	25		21.47			
10	QPSK	50	0		21.61			
10	16QAM	1	0		21.67		22.5	0
10	16QAM	1	25		21.63			
10	16QAM	1	49		21.60			
10	16QAM	25	0		21.60		22.5	0
10	16QAM	25	12		21.67			
10	16QAM	25	25		21.69			
10	16QAM	50	0		21.66			
10	64QAM	1	0		21.62		22.5	0
10	64QAM	1	25		21.55			
10	64QAM	1	49		21.54			
10	64QAM	25	0		20.74		22.5	0
10	64QAM	25	12		20.59			
10	64QAM	25	25		20.52			
10	64QAM	50	0		20.62			
10	256QAM	1	0		18.96		20	2.5
10	256QAM	1	25		18.91			
10	256QAM	1	49		19.04			
10	256QAM	25	0		19.05		20	2.5
10	256QAM	25	12		19.03			
10	256QAM	25	25		19.01			
10	256QAM	50	0		19.02			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.56	21.57	21.59	22.5	0
5	QPSK	1	12	21.44	21.44	21.43		
5	QPSK	1	24	21.42	21.50	21.49		
5	QPSK	12	0	21.44	21.49	21.47	22.5	0
5	QPSK	12	7	21.42	21.44	21.50		
5	QPSK	12	13	21.32	21.31	21.32		
5	QPSK	25	0	21.50	21.44	21.58		
5	16QAM	1	0	21.50	21.57	21.51	22.5	0
5	16QAM	1	12	21.51	21.59	21.61		
5	16QAM	1	24	21.47	21.56	21.55		
5	16QAM	12	0	21.46	21.55	21.45	22.5	0
5	16QAM	12	7	21.55	21.59	21.56		
5	16QAM	12	13	21.62	21.57	21.61		
5	16QAM	25	0	21.48	21.54	21.56		
5	64QAM	1	0	21.60	21.53	21.60	22.5	0
5	64QAM	1	12	21.49	21.42	21.38		
5	64QAM	1	24	21.41	21.44	21.39		
5	64QAM	12	0	20.77	20.95	20.80	22.5	0
5	64QAM	12	7	20.66	20.94	20.61		
5	64QAM	12	13	20.78	20.86	20.79		
5	64QAM	25	0	20.79	20.75	20.72		
5	256QAM	1	0	18.73	18.84	18.67	20	2.5
5	256QAM	1	12	18.86	18.75	18.72		
5	256QAM	1	24	18.73	18.97	18.79		
5	256QAM	12	0	18.61	18.99	18.65	20	2.5
5	256QAM	12	7	18.76	18.89	18.80		
5	256QAM	12	13	18.79	18.99	18.68		
5	256QAM	25	0	18.75	18.90	18.63		

Band 17

BW [MHz]	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	22.39	22.47	22.34	23.3	0
10	QPSK	1	25	22.31	22.44	22.21		
10	QPSK	1	49	22.31	22.40	22.25		
10	QPSK	25	0	22.27	22.42	22.30	23.3	0
10	QPSK	25	12	22.31	22.35	22.38		
10	QPSK	25	25	22.32	22.34	22.26		
10	QPSK	50	0	22.35	22.37	22.20		
10	16QAM	1	0	22.22	22.43	22.31	23.3	0
10	16QAM	1	25	22.27	22.37	22.39		
10	16QAM	1	49	22.36	22.45	22.24		
10	16QAM	25	0	22.31	22.35	22.30	23.3	0
10	16QAM	25	12	22.27	22.43	22.33		
10	16QAM	25	25	22.25	22.36	22.29		
10	16QAM	50	0	22.26	22.42	22.20		
10	64QAM	1	0	22.23	22.41	22.31	23.3	0
10	64QAM	1	25	22.28	22.27	22.30		
10	64QAM	1	49	22.37	22.34	22.37		
10	64QAM	25	0	21.39	21.49	21.37	23	0.3
10	64QAM	25	12	21.26	21.40	21.30		
10	64QAM	25	25	21.28	21.39	21.26		
10	64QAM	50	0	21.21	21.41	21.26		
10	256QAM	1	0	19.43	19.44	19.33	21	2.3
10	256QAM	1	25	19.30	19.51	19.34		
10	256QAM	1	49	19.43	19.43	19.42		
10	256QAM	25	0	19.38	19.37	19.26	21	2.3
10	256QAM	25	12	19.29	19.32	19.25		
10	256QAM	25	25	19.26	19.34	19.28		
10	256QAM	50	0	19.11	19.24	19.20		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.36	22.44	22.17	23.3	0
5	QPSK	1	12	22.28	22.37	22.09		
5	QPSK	1	24	22.21	22.29	22.09		
5	QPSK	12	0	22.22	22.24	22.17	23.3	0
5	QPSK	12	7	22.16	22.26	22.29		
5	QPSK	12	13	22.28	22.28	22.17		
5	QPSK	25	0	22.18	22.31	22.06		
5	16QAM	1	0	22.18	22.26	22.20	23.3	0
5	16QAM	1	12	22.23	22.35	22.32		
5	16QAM	1	24	22.29	22.40	22.22		
5	16QAM	12	0	22.24	22.30	22.24	23.3	0
5	16QAM	12	7	22.24	22.27	22.27		
5	16QAM	12	13	22.10	22.31	22.15		
5	16QAM	25	0	22.17	22.39	22.18		
5	64QAM	1	0	22.08	22.28	22.14	23.3	0
5	64QAM	1	12	22.12	22.20	22.14		
5	64QAM	1	24	22.24	22.21	22.27		
5	64QAM	12	0	21.29	21.36	21.35	23	0.3
5	64QAM	12	7	21.12	21.23	21.18		
5	64QAM	12	13	21.11	21.26	21.09		
5	64QAM	25	0	21.16	21.34	21.21		
5	256QAM	1	0	19.30	19.41	19.25	21	2.3
5	256QAM	1	12	19.18	19.37	19.22		
5	256QAM	1	24	19.36	19.37	19.34		
5	256QAM	12	0	19.30	19.22	19.20	21	2.3
5	256QAM	12	7	19.13	19.28	19.15		
5	256QAM	12	13	19.08	19.27	19.23		
5	256QAM	25	0	19.03	19.06	19.13		

Band 25

BW [MHz]	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	14.98	15.04	15.00	15.8	0
20	QPSK	1	49	14.98	14.91	15.00		
20	QPSK	50	99	14.91	14.94	15.03		
20	QPSK	50	0	14.89	15.02	14.96		
20	QPSK	50	24	15.01	14.95	14.99	15.8	0
20	QPSK	50	50	14.92	14.94	14.94		
20	QPSK	100	0	14.89	14.95	14.92		
20	16QAM	1	0	14.91	14.90	14.88	15.8	0
20	16QAM	1	49	14.92	14.97	14.88		
20	16QAM	1	99	14.96	15.00	14.88		
20	16QAM	50	0	14.94	14.98	14.99		
20	16QAM	50	24	14.98	14.93	14.91	15.8	0
20	16QAM	50	50	15.01	14.96	15.00		
20	16QAM	100	0	15.02	14.91	14.95		
20	64QAM	1	0	15.02	14.90	14.91	15.8	0
20	64QAM	1	49	14.93	14.90	14.93		
20	64QAM	1	99	14.89	14.88	15.02		
20	64QAM	50	0	14.88	14.91	15.02	15.8	0
20	64QAM	50	24	14.95	15.01	14.99		
20	64QAM	50	50	14.89	14.96	14.89		
20	64QAM	100	0	14.97	14.94	15.00		
20	256QAM	1	0	14.95	14.92	14.93	15.8	0
20	256QAM	1	49	14.89	14.99	14.94		
20	256QAM	1	99	14.93	14.92	14.88		
20	256QAM	50	0	14.98	14.97	14.87	15.8	0
20	256QAM	50	24	14.95	14.98	14.95		
20	256QAM	50	50	15.01	14.99	14.95		
20	256QAM	100	0	14.90	14.88	14.91		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.92	15.01	14.86	15.8	0
15	QPSK	1	37	14.88	14.84	14.84		
15	QPSK	1	74	14.87	14.82	14.85		
15	QPSK	36	0	14.80	14.93	14.83	15.8	0
15	QPSK	36	20	14.93	14.94	14.87		
15	QPSK	36	39	14.88	14.85	14.80		
15	QPSK	75	0	14.79	14.88	14.76		
15	16QAM	1	0	14.77	14.76	14.80	15.8	0
15	16QAM	1	37	14.80	14.81	14.77		
15	16QAM	1	74	14.83	14.83	14.70		
15	16QAM	36	0	14.83	14.84	14.89	15.8	0
15	16QAM	36	20	14.95	14.84	14.74		
15	16QAM	36	39	14.92	14.83	14.97		
15	16QAM	75	0	14.89	14.76	14.78		
15	64QAM	1	0	14.98	14.81	14.88	15.8	0
15	64QAM	1	37	14.89	14.80	14.82		
15	64QAM	1	74	14.83	14.71	14.96		
15	64QAM	36	0	14.82	14.74	14.87	15.8	0
15	64QAM	36	20	14.78	14.96	14.90		
15	64QAM	36	39	14.85	14.88	14.72		
15	64QAM	75	0	14.85	14.77	14.83		
15	256QAM	1	0	14.84	14.89	14.87	15.8	0
15	256QAM	1	37	14.82	14.90	14.79		
15	256QAM	1	74	14.90	14.85	14.81		
15	256QAM	36	0	14.90	14.83	14.80	15.8	0
15	256QAM	36	20	14.87	14.84	14.87		
15	256QAM	36	39	14.99	14.83	14.89		
15	256QAM	75	0	14.76	14.76	14.89		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.85	14.96	14.87	15.8	0
10	QPSK	1	25	14.82	14.87	14.98		
10	QPSK	1	49	14.83	14.77	14.93		
10	QPSK	25	0	14.79	14.83	14.93	15.8	0
10	QPSK	25	12	14.86	15.01	14.89		
10	QPSK	25	25	14.84	14.81	14.87		
10	QPSK	50	0	14.72	14.92	14.80		
10	16QAM	1	0	14.76	14.80	14.79	15.8	0
10	16QAM	1	25	14.83	14.92	14.81		
10	16QAM	1	49	14.83	14.89	14.78		
10	16QAM	25	0	14.78	14.94	14.92	15.8	0
10	16QAM	25	12	14.94	14.89	14.74		
10	16QAM	25	25	14.91	14.81	14.92		
10	16QAM	50	0	14.98	14.83	14.88		
10	64QAM	1	0	14.87	14.73	14.77	15.8	0
10	64QAM	1	25	14.84	14.75	14.85		
10	64QAM	1	49	14.85	14.75	14.97		
10	64QAM	25	0	14.71	14.76	14.98	15.8	0
10	64QAM	25	12	14.93	14.87	14.84		
10	64QAM	25	25	14.80	14.91	14.81		
10	64QAM	50	0	14.83	14.91	14.96		
10	256QAM	1	0	14.81	14.88	14.83	15.8	0
10	256QAM	1	25	14.74	14.88	14.85		
10	256QAM	1	49	14.83	14.79	14.80		
10	256QAM	25	0	14.92	14.89	14.70	15.8	0
10	256QAM	25	12	14.90	14.82	14.79		
10	256QAM	25	25	14.92	14.92	14.84		
10	256QAM	50	0	14.83	14.77	14.87		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.93	14.87	14.86	15.8	0
5	QPSK	1	12	14.81	14.76	14.95		
5	QPSK	1	24	14.84	14.90	14.92		
5	QPSK	12	0	14.73	14.88	14.87	15.8	0
5	QPSK	12	7	14.86	14.87	14.96		
5	QPSK	12	13	14.80	14.89	14.82		
5	QPSK	25	0	14.78	14.80	14.75		
5	16QAM	1	0	14.77	14.72	14.71	15.8	0
5	16QAM	1	12	14.89	14.87	14.86		
5	16QAM	1	24	14.83	14.97	14.72		
5	16QAM	12	0	14.77	14.83	14.90	15.8	0
5	16QAM	12	7	14.88	14.84	14.83		
5	16QAM	12	13	14.86	14.88	14.89		
5	16QAM	25	0	14.87	14.78	14.88		
5	64QAM	1	0	14.91	14.86	14.81	15.8	0
5	64QAM	1	12	14.89	14.78	14.88		
5	64QAM	1	24	14.84	14.79	14.94		
5	64QAM	12	0	14.79	14.84	14.86	15.8	0
5	64QAM	12	7	14.84	14.85	14.81		
5	64QAM	12	13	14.78	14.84	14.78		
5	64QAM	25	0	14.85	14.82	14.96		
5	256QAM	1	0	14.85	14.80	14.86	15.8	0
5	256QAM	1	12	14.79	14.84	14.84		
5	256QAM	1	24	14.85	14.74	14.75		
5	256QAM	12	0	14.85	14.87	14.81	15.8	0
5	256QAM	12	7	14.92	14.93	14.82		
5	256QAM	12	13	14.97	14.97	14.82		
5	256QAM	25	0	14.75	14.80	14.74		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.81	14.95	14.97	15.8	0
3	QPSK	1	8	14.91	14.78	14.84		
3	QPSK	1	14	14.87	14.86	14.97		
3	QPSK	8	0	14.82	14.86	14.79	15.8	0
3	QPSK	8	4	14.98	14.90	14.99		
3	QPSK	8	7	14.84	14.77	14.84		
3	QPSK	15	0	14.81	14.79	14.90		
3	16QAM	1	0	14.78	14.78	14.77	15.8	0
3	16QAM	1	8	14.85	14.83	14.85		
3	16QAM	1	14	14.81	14.91	14.78		
3	16QAM	8	0	14.83	14.88	14.95	15.8	0
3	16QAM	8	4	14.91	14.89	14.74		
3	16QAM	8	7	14.90	14.81	14.87		
3	16QAM	15	0	14.97	14.80	14.84		
3	64QAM	1	0	15.00	14.83	14.81	15.8	0
3	64QAM	1	8	14.86	14.80	14.77		
3	64QAM	1	14	14.82	14.82	14.90		
3	64QAM	8	0	14.82	14.78	14.97	15.8	0
3	64QAM	8	4	14.92	14.87	14.82		
3	64QAM	8	7	14.86	14.92	14.72		
3	64QAM	15	0	14.88	14.86	14.86		
3	256QAM	1	0	14.83	14.86	14.81	15.8	0
3	256QAM	1	8	14.81	14.93	14.92		
3	256QAM	1	14	14.78	14.76	14.75		
3	256QAM	8	0	14.86	14.93	14.84	15.8	0
3	256QAM	8	4	14.78	14.94	14.83		
3	256QAM	8	7	14.91	14.95	14.91		
3	256QAM	15	0	14.74	14.78	14.86		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.85	14.91	14.95	15.8	0
1.4	QPSK	1	3	14.90	14.87	14.97		
1.4	QPSK	1	5	14.79	14.85	14.95		
1.4	QPSK	3	0	14.83	14.88	14.92		
1.4	QPSK	3	1	14.91	14.93	14.92		
1.4	QPSK	3	3	14.76	14.82	14.89		
1.4	QPSK	6	0	14.71	14.85	14.86	15.8	0
1.4	16QAM	1	0	14.82	14.80	14.76	15.8	0
1.4	16QAM	1	3	14.83	14.90	14.85		
1.4	16QAM	1	5	14.92	14.83	14.82		
1.4	16QAM	3	0	14.84	14.86	14.82		
1.4	16QAM	3	1	14.82	14.85	14.86		
1.4	16QAM	3	3	14.97	14.87	14.93		
1.4	16QAM	6	0	14.95	14.79	14.86	15.8	0
1.4	64QAM	1	0	14.90	14.75	14.81	15.8	0
1.4	64QAM	1	3	14.88	14.83	14.85		
1.4	64QAM	1	5	14.72	14.71	14.89		
1.4	64QAM	3	0	14.72	14.84	14.93		
1.4	64QAM	3	1	14.88	14.89	14.95		
1.4	64QAM	3	3	14.79	14.89	14.79		
1.4	64QAM	6	0	14.84	14.91	14.85	15.8	0
1.4	256QAM	1	0	14.82	14.74	14.76	15.8	0
1.4	256QAM	1	3	14.85	14.82	14.88		
1.4	256QAM	1	5	14.77	14.88	14.85		
1.4	256QAM	3	0	14.83	14.81	14.69		
1.4	256QAM	3	1	14.85	14.88	14.90		
1.4	256QAM	3	3	14.98	14.92	14.91		
1.4	256QAM	6	0	14.86	14.84	14.82	15.8	0

Band 26 for FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.06	21.21	21.11	21.5	0
15	QPSK	1	37	21.04	21.17	21.19		
15	QPSK	1	74	21.05	21.08	21.15		
15	QPSK	36	0	21.05	21.16	21.11		
15	QPSK	36	20	21.10	21.06	21.12		
15	QPSK	36	39	21.07	21.14	21.12		
15	QPSK	75	0	21.04	21.13	21.12		
15	16QAM	1	0	21.09	21.18	21.19	21.5	0
15	16QAM	1	37	21.07	21.09	21.15		
15	16QAM	1	74	21.19	21.18	21.20		
15	16QAM	36	0	21.19	21.16	21.17		
15	16QAM	36	20	21.15	21.14	21.10		
15	16QAM	36	39	21.10	21.14	21.13		
15	16QAM	75	0	21.16	21.16	21.17		
15	64QAM	1	0	21.06	21.09	21.16	21.5	0
15	64QAM	1	37	21.07	21.13	21.12		
15	64QAM	1	74	21.19	21.14	21.16		
15	64QAM	36	0	20.13	20.02	20.08	21.5	0
15	64QAM	36	20	20.17	20.03	19.96		
15	64QAM	36	39	20.08	20.11	20.02		
15	64QAM	75	0	20.16	20.18	20.05		
15	256QAM	1	0	18.49	18.65	18.48	20	1.5
15	256QAM	1	37	18.45	18.55	18.54		
15	256QAM	1	74	18.44	18.64	18.53		
15	256QAM	36	0	18.58	18.71	18.63	20	1.5
15	256QAM	36	20	18.61	18.68	18.62		
15	256QAM	36	39	18.62	18.57	18.61		
15	256QAM	75	0	18.58	18.57	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.00	21.17	20.93	21.5	0
10	QPSK	1	25	20.99	21.10	21.14		
10	QPSK	1	49	21.02	21.00	21.06		
10	QPSK	25	0	20.99	21.01	21.08	21.5	0
10	QPSK	25	12	21.02	20.97	21.05		
10	QPSK	25	25	20.97	20.98	21.01		
10	QPSK	50	0	20.91	21.05	21.08		
10	16QAM	1	0	21.00	21.05	21.08	21.5	0
10	16QAM	1	25	21.04	20.95	21.12		
10	16QAM	1	49	21.10	21.16	21.05		
10	16QAM	25	0	21.15	21.12	21.08	21.5	0
10	16QAM	25	12	21.00	21.01	21.04		
10	16QAM	25	25	21.02	20.96	21.01		
10	16QAM	50	0	20.98	21.07	21.11		
10	64QAM	1	0	20.99	21.01	20.98	21.5	0
10	64QAM	1	25	21.01	21.08	21.06		
10	64QAM	1	49	21.05	21.01	21.08		
10	64QAM	25	0	20.00	19.92	20.02	21.5	0
10	64QAM	25	12	20.15	19.94	19.80		
10	64QAM	25	25	19.91	20.00	19.87		
10	64QAM	50	0	20.02	20.07	19.98		
10	256QAM	1	0	18.33	18.55	18.33	20	1.5
10	256QAM	1	25	18.42	18.50	18.37		
10	256QAM	1	49	18.27	18.48	18.38		
10	256QAM	25	0	18.41	18.55	18.55	20	1.5
10	256QAM	25	12	18.48	18.66	18.50		
10	256QAM	25	25	18.53	18.41	18.50		
10	256QAM	50	0	18.55	18.51	18.32		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.95	21.05	20.99	21.5	0
5	QPSK	1	12	20.91	21.02	21.14		
5	QPSK	1	24	20.95	20.96	21.09		
5	QPSK	12	0	20.99	21.13	21.00	21.5	0
5	QPSK	12	7	21.05	20.94	21.10		
5	QPSK	12	13	20.89	21.07	21.00		
5	QPSK	25	0	20.87	21.07	20.96		
5	16QAM	1	0	20.95	21.11	21.10	21.5	0
5	16QAM	1	12	21.03	21.04	21.10		
5	16QAM	1	24	21.17	21.11	21.14		
5	16QAM	12	0	21.06	21.00	21.09	21.5	0
5	16QAM	12	7	21.02	21.12	21.04		
5	16QAM	12	13	21.08	21.03	20.97		
5	16QAM	25	0	20.99	21.11	21.09		
5	64QAM	1	0	20.91	21.00	21.13	21.5	0
5	64QAM	1	12	21.04	21.07	20.99		
5	64QAM	1	24	21.02	21.02	21.04		
5	64QAM	12	0	20.08	19.95	20.04	21.5	0
5	64QAM	12	7	20.02	19.85	19.87		
5	64QAM	12	13	19.98	19.98	19.96		
5	64QAM	25	0	20.12	20.03	20.01		
5	256QAM	1	0	18.34	18.61	18.32	20	1.5
5	256QAM	1	12	18.40	18.48	18.42		
5	256QAM	1	24	18.35	18.54	18.50		
5	256QAM	12	0	18.48	18.56	18.48	20	1.5
5	256QAM	12	7	18.55	18.60	18.45		
5	256QAM	12	13	18.47	18.52	18.48		
5	256QAM	25	0	18.51	18.40	18.38		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.96	21.03	20.94	21.5	0
3	QPSK	1	8	20.90	21.14	21.01		
3	QPSK	1	14	20.90	21.01	21.10		
3	QPSK	8	0	21.02	21.03	21.03	21.5	0
3	QPSK	8	4	20.94	20.93	20.98		
3	QPSK	8	7	20.90	21.01	21.04		
3	QPSK	15	0	20.98	20.97	20.94		
3	16QAM	1	0	20.92	21.02	21.15	21.5	0
3	16QAM	1	8	20.90	21.05	21.02		
3	16QAM	1	14	21.05	21.15	21.08		
3	16QAM	8	0	21.15	21.00	21.08	21.5	0
3	16QAM	8	4	21.05	21.08	21.00		
3	16QAM	8	7	20.93	21.04	20.98		
3	16QAM	15	0	21.07	21.11	21.13		
3	64QAM	1	0	20.99	21.07	20.99	21.5	0
3	64QAM	1	8	21.03	21.10	20.96		
3	64QAM	1	14	21.07	21.11	21.02		
3	64QAM	8	0	20.05	19.97	19.90	21.5	0
3	64QAM	8	4	20.08	19.86	19.89		
3	64QAM	8	7	19.92	20.00	19.96		
3	64QAM	15	0	19.99	20.13	19.93		
3	256QAM	1	0	18.39	18.55	18.36	20	1.5
3	256QAM	1	8	18.41	18.51	18.52		
3	256QAM	1	14	18.32	18.57	18.51		
3	256QAM	8	0	18.55	18.54	18.57	20	1.5
3	256QAM	8	4	18.51	18.51	18.48		
3	256QAM	8	7	18.49	18.54	18.56		
3	256QAM	15	0	18.40	18.50	18.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.90	21.08	20.79	21.5	0
1.4	QPSK	1	3	20.89	20.99	20.89		
1.4	QPSK	1	5	20.85	21.09	20.79		
1.4	QPSK	3	0	20.95	21.08	20.86		
1.4	QPSK	3	1	20.95	21.05	20.81		
1.4	QPSK	3	3	20.97	21.03	20.84		
1.4	QPSK	6	0	20.87	21.01	20.84	21.5	0
1.4	16QAM	1	0	20.95	21.11	20.77	21.5	0
1.4	16QAM	1	3	20.88	20.99	20.86		
1.4	16QAM	1	5	20.96	21.04	20.77		
1.4	16QAM	3	0	20.89	21.01	20.84		
1.4	16QAM	3	1	20.93	21.09	20.84		
1.4	16QAM	3	3	20.87	21.07	20.88		
1.4	16QAM	6	0	20.97	21.02	20.82	21.5	0
1.4	64QAM	1	0	20.90	21.01	20.89	21.5	0
1.4	64QAM	1	3	20.97	21.14	20.96		
1.4	64QAM	1	5	20.90	21.06	20.91		
1.4	64QAM	3	0	20.85	21.10	20.90		
1.4	64QAM	3	1	20.97	21.01	20.89		
1.4	64QAM	3	3	20.85	21.14	20.87		
1.4	64QAM	6	0	20.03	20.11	20.00	21.5	0
1.4	256QAM	1	0	18.50	18.69	18.65	20	1.5
1.4	256QAM	1	3	18.62	18.63	18.42		
1.4	256QAM	1	5	18.44	18.65	18.47		
1.4	256QAM	3	0	18.59	18.57	18.70		
1.4	256QAM	3	1	18.70	18.75	18.67		
1.4	256QAM	3	3	18.47	18.85	18.64		
1.4	256QAM	6	0	18.69	18.79	18.58	20	1.5

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0		12.98		14.1	0
10	QPSK	1	25		12.96			
10	QPSK	1	49		12.90			
10	QPSK	25	0		12.96		14.1	0
10	QPSK	25	12		12.93			
10	QPSK	25	25		12.89			
10	QPSK	50	0		12.95			
10	16QAM	1	0		12.86		14.1	0
10	16QAM	1	25		12.90			
10	16QAM	1	49		12.92			
10	16QAM	25	0		12.91		14.1	0
10	16QAM	25	12		12.89			
10	16QAM	25	25		12.86			
10	16QAM	50	0		12.83			
10	64QAM	1	0		12.88		14.1	0
10	64QAM	1	25		12.84			
10	64QAM	1	49		12.84			
10	64QAM	25	0		12.90		14.1	0
10	64QAM	25	12		12.91			
10	64QAM	25	25		12.93			
10	64QAM	50	0		12.91		14.1	0
10	256QAM	1	0		12.87			
10	256QAM	1	25		12.91			
10	256QAM	1	49		12.94			
10	256QAM	25	0		12.85		14.1	0
10	256QAM	25	12		12.85			
10	256QAM	25	25		12.84			
10	256QAM	50	0		12.90			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	12.77	12.87	12.74	14.1	0
5	QPSK	1	12	12.86	12.93	12.90		
5	QPSK	1	24	12.80	12.79	12.86		
5	QPSK	12	0	12.84	12.91	12.78	14.1	0
5	QPSK	12	7	12.78	12.89	12.92		
5	QPSK	12	13	12.70	12.83	12.79		
5	QPSK	25	0	12.80	12.78	12.73		
5	16QAM	1	0	12.82	12.71	12.70	14.1	0
5	16QAM	1	12	12.80	12.76	12.91		
5	16QAM	1	24	12.75	12.84	12.72		
5	16QAM	12	0	12.83	12.74	12.80	14.1	0
5	16QAM	12	7	12.83	12.74	12.75		
5	16QAM	12	13	12.75	12.81	12.81		
5	16QAM	25	0	12.73	12.79	12.79		
5	64QAM	1	0	12.87	12.72	12.83	14.1	0
5	64QAM	1	12	12.80	12.79	12.70		
5	64QAM	1	24	12.78	12.66	12.88		
5	64QAM	12	0	12.81	12.84	12.81	14.1	0
5	64QAM	12	7	12.68	12.77	12.83		
5	64QAM	12	13	12.84	12.82	12.79		
5	64QAM	25	0	12.74	12.82	12.77		
5	256QAM	1	0	12.85	12.84	12.86	14.1	0
5	256QAM	1	12	12.86	12.80	12.77		
5	256QAM	1	24	12.66	12.78	12.83		
5	256QAM	12	0	12.75	12.80	12.77	14.1	0
5	256QAM	12	7	12.78	12.81	12.78		
5	256QAM	12	13	12.77	12.71	12.91		
5	256QAM	25	0	12.87	12.85	12.79		

Band 66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.46	16.59	16.52	17.9	0
20	QPSK	1	49	16.53	16.55	16.56		
20	QPSK	1	99	16.52	16.57	16.51		
20	QPSK	50	0	16.52	16.56	16.55	17.9	0
20	QPSK	50	24	16.54	16.46	16.50		
20	QPSK	50	50	16.47	16.51	16.55		
20	QPSK	100	0	16.46	16.51	16.50		
20	16QAM	1	0	16.58	16.45	16.53	17.9	0
20	16QAM	1	49	16.53	16.49	16.52		
20	16QAM	1	99	16.55	16.48	16.49		
20	16QAM	50	0	16.48	16.48	16.57	17.9	0
20	16QAM	50	24	16.51	16.45	16.55		
20	16QAM	50	50	16.49	16.54	16.53		
20	16QAM	100	0	16.55	16.58	16.53		
20	64QAM	1	0	16.46	16.51	16.51	17.9	0
20	64QAM	1	49	16.50	16.46	16.56		
20	64QAM	1	99	16.58	16.49	16.53		
20	64QAM	50	0	16.52	16.54	16.45	17.9	0
20	64QAM	50	24	16.48	16.46	16.51		
20	64QAM	50	50	16.55	16.45	16.57		
20	64QAM	100	0	16.56	16.44	16.51		
20	256QAM	1	0	16.52	16.58	16.54	17.9	0
20	256QAM	1	49	16.54	16.56	16.58		
20	256QAM	1	99	16.50	16.46	16.58		
20	256QAM	50	0	16.54	16.45	16.45	17.9	0
20	256QAM	50	24	16.57	16.52	16.46		
20	256QAM	50	50	16.52	16.54	16.44		
20	256QAM	100	0	16.45	16.50	16.53		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.44	16.57	16.38	17.9	0
15	QPSK	1	37	16.48	16.48	16.41		
15	QPSK	1	74	16.55	16.50	16.38		
15	QPSK	36	0	16.42	16.45	16.38	17.9	0
15	QPSK	36	20	16.40	16.31	16.36		
15	QPSK	36	39	16.44	16.45	16.41		
15	QPSK	75	0	16.44	16.39	16.40		
15	16QAM	1	0	16.47	16.34	16.39	17.9	0
15	16QAM	1	37	16.43	16.43	16.46		
15	16QAM	1	74	16.41	16.44	16.41		
15	16QAM	36	0	16.40	16.34	16.53	17.9	0
15	16QAM	36	20	16.38	16.41	16.46		
15	16QAM	36	39	16.38	16.38	16.40		
15	16QAM	75	0	16.39	16.43	16.40		
15	64QAM	1	0	16.38	16.36	16.46	17.9	0
15	64QAM	1	37	16.42	16.33	16.49		
15	64QAM	1	74	16.55	16.38	16.37		
15	64QAM	36	0	16.43	16.41	16.40	17.9	0
15	64QAM	36	20	16.34	16.32	16.33		
15	64QAM	36	39	16.46	16.30	16.40		
15	64QAM	75	0	16.40	16.36	16.42		
15	256QAM	1	0	16.45	16.52	16.40	17.9	0
15	256QAM	1	37	16.41	16.53	16.55		
15	256QAM	1	74	16.43	16.44	16.47		
15	256QAM	36	0	16.38	16.28	16.38	17.9	0
15	256QAM	36	20	16.51	16.43	16.41		
15	256QAM	36	39	16.47	16.49	16.38		
15	256QAM	75	0	16.37	16.37	16.41		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.36	16.46	16.47	17.9	0
10	QPSK	1	25	16.38	16.41	16.44		
10	QPSK	1	49	16.48	16.46	16.44		
10	QPSK	25	0	16.47	16.40	16.44	17.9	0
10	QPSK	25	12	16.52	16.33	16.35		
10	QPSK	25	25	16.43	16.44	16.40		
10	QPSK	50	0	16.43	16.46	16.41		
10	16QAM	1	0	16.43	16.35	16.49	17.9	0
10	16QAM	1	25	16.36	16.34	16.40		
10	16QAM	1	49	16.50	16.42	16.34		
10	16QAM	25	0	16.41	16.42	16.50	17.9	0
10	16QAM	25	12	16.35	16.36	16.43		
10	16QAM	25	25	16.39	16.50	16.42		
10	16QAM	50	0	16.43	16.55	16.48		
10	64QAM	1	0	16.34	16.36	16.49	17.9	0
10	64QAM	1	25	16.38	16.44	16.53		
10	64QAM	1	49	16.48	16.37	16.49		
10	64QAM	25	0	16.41	16.39	16.42	17.9	0
10	64QAM	25	12	16.31	16.42	16.33		
10	64QAM	25	25	16.42	16.34	16.54		
10	64QAM	50	0	16.46	16.40	16.41		
10	256QAM	1	0	16.47	16.43	16.48	17.9	0
10	256QAM	1	25	16.42	16.41	16.51		
10	256QAM	1	49	16.39	16.34	16.51		
10	256QAM	25	0	16.51	16.41	16.42	17.9	0
10	256QAM	25	12	16.43	16.37	16.43		
10	256QAM	25	25	16.34	16.57	16.40		
10	256QAM	50	0	16.42	16.36	16.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.35	16.50	16.40	17.9	0
5	QPSK	1	12	16.51	16.38	16.44		
5	QPSK	1	24	16.44	16.50	16.42		
5	QPSK	12	0	16.36	16.44	16.38	17.9	0
5	QPSK	12	7	16.37	16.28	16.36		
5	QPSK	12	13	16.39	16.47	16.37		
5	QPSK	25	0	16.30	16.35	16.37		
5	16QAM	1	0	16.53	16.39	16.45	17.9	0
5	16QAM	1	12	16.36	16.38	16.48		
5	16QAM	1	24	16.50	16.40	16.33		
5	16QAM	12	0	16.40	16.31	16.55	17.9	0
5	16QAM	12	7	16.46	16.33	16.38		
5	16QAM	12	13	16.43	16.52	16.38		
5	16QAM	25	0	16.47	16.44	16.49		
5	64QAM	1	0	16.34	16.49	16.45	17.9	0
5	64QAM	1	12	16.47	16.36	16.47		
5	64QAM	1	24	16.48	16.31	16.37		
5	64QAM	12	0	16.34	16.49	16.38	17.9	0
5	64QAM	12	7	16.36	16.31	16.37		
5	64QAM	12	13	16.49	16.30	16.39		
5	64QAM	25	0	16.40	16.32	16.38		
5	256QAM	1	0	16.45	16.48	16.48	17.9	0
5	256QAM	1	12	16.41	16.41	16.52		
5	256QAM	1	24	16.47	16.35	16.49		
5	256QAM	12	0	16.46	16.29	16.33	17.9	0
5	256QAM	12	7	16.46	16.50	16.37		
5	256QAM	12	13	16.47	16.55	16.32		
5	256QAM	25	0	16.41	16.40	16.45		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.31	16.54	16.44	17.9	0
3	QPSK	1	8	16.42	16.40	16.43		
3	QPSK	1	14	16.50	16.45	16.47		
3	QPSK	8	0	16.42	16.46	16.46	17.9	0
3	QPSK	8	4	16.43	16.42	16.40		
3	QPSK	8	7	16.43	16.42	16.48		
3	QPSK	15	0	16.30	16.39	16.46		
3	16QAM	1	0	16.51	16.43	16.36	17.9	0
3	16QAM	1	8	16.49	16.31	16.38		
3	16QAM	1	14	16.45	16.40	16.41		
3	16QAM	8	0	16.32	16.39	16.40	17.9	0
3	16QAM	8	4	16.41	16.36	16.40		
3	16QAM	8	7	16.41	16.38	16.39		
3	16QAM	15	0	16.48	16.56	16.44		
3	64QAM	1	0	16.39	16.37	16.41	17.9	0
3	64QAM	1	8	16.48	16.33	16.45		
3	64QAM	1	14	16.43	16.31	16.49		
3	64QAM	8	0	16.49	16.43	16.36	17.9	0
3	64QAM	8	4	16.37	16.40	16.34		
3	64QAM	8	7	16.51	16.42	16.54		
3	64QAM	15	0	16.46	16.32	16.48		
3	256QAM	1	0	16.50	16.55	16.39	17.9	0
3	256QAM	1	8	16.39	16.46	16.50		
3	256QAM	1	14	16.43	16.39	16.51		
3	256QAM	8	0	16.50	16.33	16.40	17.9	0
3	256QAM	8	4	16.56	16.50	16.39		
3	256QAM	8	7	16.49	16.45	16.37		
3	256QAM	15	0	16.39	16.46	16.38		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.35	16.53	16.35	17.9	0
1.4	QPSK	1	3	16.42	16.48	16.51		
1.4	QPSK	1	5	16.42	16.56	16.48		
1.4	QPSK	3	0	16.39	16.41	16.51		
1.4	QPSK	3	1	16.41	16.37	16.40		
1.4	QPSK	3	3	16.41	16.34	16.45		
1.4	QPSK	6	0	16.36	16.37	16.36	17.9	0
1.4	16QAM	1	0	16.51	16.31	16.50	17.9	0
1.4	16QAM	1	3	16.50	16.37	16.34		
1.4	16QAM	1	5	16.48	16.35	16.35		
1.4	16QAM	3	0	16.31	16.31	16.50		
1.4	16QAM	3	1	16.35	16.38	16.41		
1.4	16QAM	3	3	16.36	16.38	16.48		
1.4	16QAM	6	0	16.49	16.52	16.49	17.9	0
1.4	64QAM	1	0	16.34	16.42	16.37	17.9	0
1.4	64QAM	1	3	16.37	16.32	16.43		
1.4	64QAM	1	5	16.43	16.35	16.43		
1.4	64QAM	3	0	16.41	16.47	16.39		
1.4	64QAM	3	1	16.35	16.32	16.38		
1.4	64QAM	3	3	16.48	16.41	16.54		
1.4	64QAM	6	0	16.39	16.33	16.46	17.9	0
1.4	256QAM	1	0	16.35	16.45	16.48	17.9	0
1.4	256QAM	1	3	16.41	16.49	16.47		
1.4	256QAM	1	5	16.46	16.39	16.42		
1.4	256QAM	3	0	16.47	16.37	16.31		
1.4	256QAM	3	1	16.53	16.41	16.44		
1.4	256QAM	3	3	16.38	16.53	16.27		
1.4	256QAM	6	0	16.37	16.43	16.42	17.9	0

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.93	21.99	21.87	23	0
20	QPSK	1	49	21.87	21.82	21.84		
20	QPSK	1	99	21.85	21.84	21.85		
20	QPSK	50	0	21.88	21.97	21.86	23	0
20	QPSK	50	24	21.95	21.87	21.91		
20	QPSK	50	50	21.96	21.93	21.90		
20	QPSK	100	0	21.92	21.96	21.84		
20	16QAM	1	0	21.81	21.91	21.93	23	0
20	16QAM	1	49	21.97	21.84	21.94		
20	16QAM	1	99	21.86	21.91	21.81		
20	16QAM	50	0	21.91	21.86	21.94	23	0
20	16QAM	50	24	21.86	21.96	21.81		
20	16QAM	50	50	21.84	21.87	21.83		
20	16QAM	100	0	21.92	21.92	21.95		
20	64QAM	1	0	21.86	21.92	21.96	23	0
20	64QAM	1	49	21.89	21.95	21.82		
20	64QAM	1	99	21.89	21.91	21.91		
20	64QAM	50	0	20.86	20.90	20.72	22	0
20	64QAM	50	24	20.85	20.74	20.91		
20	64QAM	50	50	20.75	20.77	20.83		
20	64QAM	100	0	20.89	20.95	20.67		
20	256QAM	1	0	18.85	18.83	18.71	20	3
20	256QAM	1	49	18.87	18.82	18.75		
20	256QAM	1	99	18.93	18.85	18.71		
20	256QAM	50	0	18.87	18.76	18.72	20	3
20	256QAM	50	24	18.83	18.96	18.62		
20	256QAM	50	50	18.81	18.77	18.63		
20	256QAM	100	0	18.97	18.95	18.80		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.77	21.95	21.75	23	0
15	QPSK	1	37	21.83	21.67	21.67		
15	QPSK	1	74	21.73	21.77	21.69		
15	QPSK	36	0	21.77	21.83	21.81	23	0
15	QPSK	36	20	21.88	21.84	21.79		
15	QPSK	36	39	21.81	21.76	21.77		
15	QPSK	75	0	21.75	21.83	21.70		
15	16QAM	1	0	21.74	21.88	21.79	23	0
15	16QAM	1	37	21.79	21.77	21.81		
15	16QAM	1	74	21.74	21.75	21.66		
15	16QAM	36	0	21.80	21.69	21.89	23	0
15	16QAM	36	20	21.80	21.83	21.76		
15	16QAM	36	39	21.75	21.76	21.66		
15	16QAM	75	0	21.84	21.88	21.82		
15	64QAM	1	0	21.70	21.86	21.88	23	0
15	64QAM	1	37	21.77	21.91	21.73		
15	64QAM	1	74	21.77	21.80	21.79		
15	64QAM	36	0	20.79	20.83	20.80	22	0
15	64QAM	36	20	20.79	20.91	20.84		
15	64QAM	36	39	20.68	20.73	20.87		
15	64QAM	75	0	20.82	20.76	20.79		
15	256QAM	1	0	18.74	18.76	18.89	20	3
15	256QAM	1	37	18.85	18.80	18.71		
15	256QAM	1	74	18.83	18.72	18.83		
15	256QAM	36	0	18.79	18.67	18.78	20	3
15	256QAM	36	20	18.88	18.78	18.87		
15	256QAM	36	39	18.74	18.92	18.87		
15	256QAM	75	0	18.79	18.84	18.78		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.90	21.93	21.70	23	0
10	QPSK	1	25	21.75	21.71	21.73		
10	QPSK	1	49	21.75	21.75	21.72		
10	QPSK	25	0	21.73	21.84	21.72	23	0
10	QPSK	25	12	21.86	21.83	21.80		
10	QPSK	25	25	21.91	21.79	21.73		
10	QPSK	50	0	21.86	21.80	21.69		
10	16QAM	1	0	21.78	21.82	21.77	23	0
10	16QAM	1	25	21.88	21.75	21.81		
10	16QAM	1	49	21.81	21.89	21.64		
10	16QAM	25	0	21.79	21.77	21.89	23	0
10	16QAM	25	12	21.78	21.89	21.66		
10	16QAM	25	25	21.76	21.79	21.65		
10	16QAM	50	0	21.82	21.80	21.85		
10	64QAM	1	0	21.72	21.74	21.80	23	0
10	64QAM	1	25	21.78	21.81	21.69		
10	64QAM	1	49	21.74	21.78	21.88		
10	64QAM	25	0	20.88	20.83	20.69	22	0
10	64QAM	25	12	20.79	20.87	20.77		
10	64QAM	25	25	20.71	20.76	20.76		
10	64QAM	50	0	20.73	20.69	20.90		
10	256QAM	1	0	18.75	18.74	18.82	20	3
10	256QAM	1	25	18.72	18.84	18.81		
10	256QAM	1	49	18.83	18.80	18.82		
10	256QAM	25	0	18.70	18.77	18.76	20	3
10	256QAM	25	12	18.81	18.67	18.81		
10	256QAM	25	25	18.76	18.79	18.90		
10	256QAM	50	0	18.67	18.90	18.80		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.87	21.91	21.77	23	0
5	QPSK	1	12	21.73	21.72	21.68		
5	QPSK	1	24	21.69	21.67	21.76		
5	QPSK	12	0	21.82	21.83	21.78	23	0
5	QPSK	12	7	21.89	21.74	21.78		
5	QPSK	12	13	21.81	21.75	21.81		
5	QPSK	25	0	21.78	21.82	21.75		
5	16QAM	1	0	21.75	21.84	21.82	23	0
5	16QAM	1	12	21.85	21.66	21.92		
5	16QAM	1	24	21.70	21.78	21.69		
5	16QAM	12	0	21.84	21.72	21.79	23	0
5	16QAM	12	7	21.78	21.82	21.64		
5	16QAM	12	13	21.75	21.74	21.79		
5	16QAM	25	0	21.90	21.83	21.86		
5	64QAM	1	0	21.80	21.75	21.94	23	0
5	64QAM	1	12	21.79	21.78	21.69		
5	64QAM	1	24	21.77	21.75	21.84		
5	64QAM	12	0	20.82	20.74	20.72	22	0
5	64QAM	12	7	20.86	20.88	20.84		
5	64QAM	12	13	20.73	20.75	20.81		
5	64QAM	25	0	20.75	20.81	20.88		
5	256QAM	1	0	18.76	18.74	18.87	20	3
5	256QAM	1	12	18.78	18.82	18.72		
5	256QAM	1	24	18.79	18.76	18.76		
5	256QAM	12	0	18.68	18.72	18.75	20	3
5	256QAM	12	7	18.77	18.78	18.93		
5	256QAM	12	13	18.83	18.80	18.80		
5	256QAM	25	0	18.71	18.80	18.85		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.12	16.13	16.12	16.8	0
20	QPSK	1	49	16.08	16.11	16.12		
20	QPSK	1	99	16.12	16.02	16.04		
20	QPSK	50	0	16.08	16.10	16.04	16.8	0
20	QPSK	50	24	15.98	16.07	16.01		
20	QPSK	50	50	15.98	16.00	16.09		
20	QPSK	100	0	16.07	16.08	16.02		
20	16QAM	1	0	16.07	16.08	16.07	16.8	0
20	16QAM	1	49	16.06	16.07	16.03		
20	16QAM	1	99	16.04	16.10	16.01		
20	16QAM	50	0	15.99	16.01	16.02	16.8	0
20	16QAM	50	24	16.06	15.97	16.06		
20	16QAM	50	50	16.08	16.11	16.03		
20	16QAM	100	0	15.99	16.01	16.06		
20	64QAM	1	0	16.10	16.03	16.05	16.8	0
20	64QAM	1	49	16.00	16.02	15.97		
20	64QAM	1	99	16.11	16.06	16.09		
20	64QAM	50	0	16.06	16.04	16.02	16.8	0
20	64QAM	50	24	16.00	16.12	16.01		
20	64QAM	50	50	15.97	16.01	15.99		
20	64QAM	100	0	16.10	16.06	16.01		
20	256QAM	1	0	16.03	16.10	16.04	16.8	0
20	256QAM	1	49	16.12	16.03	16.01		
20	256QAM	1	99	16.12	16.04	16.09		
20	256QAM	50	0	16.07	16.08	15.99	16.8	0
20	256QAM	50	24	16.08	16.13	15.98		
20	256QAM	50	50	16.04	16.12	16.07		
20	256QAM	100	0	16.00	16.05	16.08		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.08	15.97	16.08	16.8	0
15	QPSK	1	37	15.98	16.04	16.01		
15	QPSK	1	74	16.03	15.87	15.95		
15	QPSK	36	0	16.00	15.86	15.91	16.8	0
15	QPSK	36	20	15.86	16.03	16.06		
15	QPSK	36	39	15.83	15.93	16.05		
15	QPSK	75	0	15.99	16.02	15.93		
15	16QAM	1	0	15.94	16.00	16.00	16.8	0
15	16QAM	1	37	16.00	15.92	16.10		
15	16QAM	1	74	15.96	16.03	15.85		
15	16QAM	36	0	15.83	15.95	15.97	16.8	0
15	16QAM	36	20	15.97	15.94	15.99		
15	16QAM	36	39	15.94	15.97	15.89		
15	16QAM	75	0	15.81	15.90	16.02		
15	64QAM	1	0	15.95	15.96	15.90	16.8	0
15	64QAM	1	37	15.93	15.89	15.79		
15	64QAM	1	74	15.95	15.98	15.97		
15	64QAM	36	0	15.91	15.97	15.94	16.8	0
15	64QAM	36	20	15.88	16.05	15.92		
15	64QAM	36	39	15.87	15.95	15.96		
15	64QAM	75	0	15.98	16.03	15.92		
15	256QAM	1	0	15.96	16.08	15.88	16.8	0
15	256QAM	1	37	16.07	15.90	15.90		
15	256QAM	1	74	15.99	16.00	15.98		
15	256QAM	36	0	15.91	15.96	15.82	16.8	0
15	256QAM	36	20	16.01	16.00	15.87		
15	256QAM	36	39	15.99	15.94	15.98		
15	256QAM	75	0	15.84	15.97	15.99		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.94	15.98	15.94	16.8	0
10	QPSK	1	25	15.94	15.96	15.97		
10	QPSK	1	49	15.96	15.93	15.90		
10	QPSK	25	0	15.95	15.88	15.88	16.8	0
10	QPSK	25	12	15.86	15.94	15.96		
10	QPSK	25	25	15.84	15.85	16.02		
10	QPSK	50	0	15.89	15.97	16.06		
10	16QAM	1	0	15.92	15.95	15.95	16.8	0
10	16QAM	1	25	15.93	16.02	16.10		
10	16QAM	1	49	15.96	16.06	15.92		
10	16QAM	25	0	15.88	15.96	15.90	16.8	0
10	16QAM	25	12	16.00	15.92	15.96		
10	16QAM	25	25	15.95	16.02	15.94		
10	16QAM	50	0	15.84	15.90	16.00		
10	64QAM	1	0	15.93	16.01	16.01	16.8	0
10	64QAM	1	25	15.87	15.99	15.88		
10	64QAM	1	49	16.01	15.95	15.96		
10	64QAM	25	0	16.03	15.95	15.89	16.8	0
10	64QAM	25	12	15.92	16.04	15.93		
10	64QAM	25	25	15.85	15.96	15.86		
10	64QAM	50	0	16.00	15.97	15.85		
10	256QAM	1	0	16.01	16.04	15.93	16.8	0
10	256QAM	1	25	16.01	15.95	15.99		
10	256QAM	1	49	16.03	15.91	16.04		
10	256QAM	25	0	16.04	16.00	15.93	16.8	0
10	256QAM	25	12	16.06	15.96	15.92		
10	256QAM	25	25	15.94	16.04	15.95		
10	256QAM	50	0	15.88	15.96	16.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.94	15.87	15.96	16.8	0
5	QPSK	1	12	15.96	15.95	16.00		
5	QPSK	1	24	15.95	15.91	15.93		
5	QPSK	12	0	15.96	15.92	15.88	16.8	0
5	QPSK	12	7	15.94	16.05	15.96		
5	QPSK	12	13	15.84	15.83	16.00		
5	QPSK	25	0	15.98	15.99	15.98		
5	16QAM	1	0	15.96	16.00	15.91	16.8	0
5	16QAM	1	12	15.99	15.95	16.02		
5	16QAM	1	24	15.91	16.03	15.94		
5	16QAM	12	0	15.82	15.90	16.00	16.8	0
5	16QAM	12	7	15.90	15.94	15.96		
5	16QAM	12	13	16.01	15.96	16.00		
5	16QAM	25	0	15.81	15.97	16.03		
5	64QAM	1	0	16.02	15.91	15.98	16.8	0
5	64QAM	1	12	15.88	15.84	15.90		
5	64QAM	1	24	15.99	16.00	15.93		
5	64QAM	12	0	15.97	15.90	15.93	16.8	0
5	64QAM	12	7	15.97	16.06	15.96		
5	64QAM	12	13	15.86	15.95	15.96		
5	64QAM	25	0	16.07	15.89	15.99		
5	256QAM	1	0	15.95	16.01	15.96	16.8	0
5	256QAM	1	12	16.05	15.89	15.84		
5	256QAM	1	24	15.97	15.99	16.05		
5	256QAM	12	0	16.04	16.01	15.82	16.8	0
5	256QAM	12	7	16.00	15.97	15.85		
5	256QAM	12	13	15.94	15.94	15.95		
5	256QAM	25	0	15.96	15.88	16.00		

Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.24	16.23	16.33	16.21	16.19	16.8	0
20	QPSK	1	49	16.22	16.24	16.30	16.23	16.25		
20	QPSK	1	99	16.23	16.17	16.20	16.26	16.27		
20	QPSK	50	0	16.24	16.20	16.27	16.25	16.25	16.8	0
20	QPSK	50	24	16.19	16.17	16.21	16.20	16.21		
20	QPSK	50	50	16.20	16.26	16.19	16.23	16.20		
20	QPSK	100	0	16.26	16.24	16.27	16.21	16.21		
20	16QAM	1	0	16.19	16.26	16.21	16.28	16.23	16.8	0
20	16QAM	1	49	16.29	16.31	16.31	16.24	16.25		
20	16QAM	1	99	16.23	16.19	16.18	16.25	16.26		
20	16QAM	50	0	16.24	16.25	16.30	16.17	16.20	16.8	0
20	16QAM	50	24	16.24	16.19	16.28	16.24	16.24		
20	16QAM	50	50	16.29	16.30	16.29	16.24	16.23		
20	16QAM	100	0	16.31	16.20	16.31	16.18	16.23		
20	64QAM	1	0	16.22	16.19	16.17	16.30	16.16	16.8	0
20	64QAM	1	49	16.26	16.30	16.21	16.18	16.31		
20	64QAM	1	99	16.25	16.27	16.30	16.32	16.24		
20	64QAM	50	0	16.22	16.22	16.30	16.31	16.16	16.8	0
20	64QAM	50	24	16.22	16.29	16.20	16.19	16.18		
20	64QAM	50	50	16.27	16.21	16.17	16.19	16.29		
20	64QAM	100	0	16.29	16.18	16.22	16.32	16.22		
20	256QAM	1	0	16.29	16.31	16.31	16.30	16.17	16.8	0
20	256QAM	1	49	16.23	16.25	16.24	16.25	16.20		
20	256QAM	1	99	16.31	16.28	16.21	16.28	16.17		
20	256QAM	50	0	16.17	16.29	16.31	16.21	16.30	16.8	0
20	256QAM	50	24	16.17	16.17	16.19	16.23	16.17		
20	256QAM	50	50	16.31	16.27	16.29	16.24	16.30		
20	256QAM	100	0	16.29	16.27	16.28	16.26	16.20		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.14	16.08	16.27	16.08	16.07	17	0
15	QPSK	1	37	16.14	16.12	16.20	16.12	16.17		
15	QPSK	1	74	16.07	16.02	16.13	16.20	16.16		
15	QPSK	36	0	16.07	16.04	16.23	16.10	16.18	16.8	0
15	QPSK	36	20	16.07	16.08	16.12	16.16	16.14		
15	QPSK	36	39	16.06	16.19	16.05	16.13	16.07		
15	QPSK	75	0	16.14	16.13	16.24	16.13	16.05		
15	16QAM	1	0	16.11	16.09	16.06	16.24	16.14	16.8	0
15	16QAM	1	37	16.16	16.27	16.21	16.06	16.11		
15	16QAM	1	74	16.14	16.03	16.09	16.09	16.21		
15	16QAM	36	0	16.21	16.12	16.15	16.01	16.05	16.8	0
15	16QAM	36	20	16.06	16.14	16.23	16.08	16.08		
15	16QAM	36	39	16.21	16.25	16.20	16.10	16.06		
15	16QAM	75	0	16.14	16.16	16.22	16.12	16.16		
15	64QAM	1	0	16.12	16.16	16.10	16.18	16.10	16.8	0
15	64QAM	1	37	16.10	16.24	16.07	16.13	16.27		
15	64QAM	1	74	16.09	16.24	16.18	16.27	16.19		
15	64QAM	36	0	16.07	16.07	16.28	16.26	16.09	16.8	0
15	64QAM	36	20	16.08	16.14	16.16	16.15	16.07		
15	64QAM	36	39	16.21	16.14	16.13	16.10	16.17		
15	64QAM	75	0	16.11	16.05	16.09	16.16	16.11		
15	256QAM	1	0	16.25	16.26	16.16	16.15	16.00	16.8	0
15	256QAM	1	37	16.08	16.15	16.12	16.07	16.17		
15	256QAM	1	74	16.26	16.11	16.07	16.14	16.14		
15	256QAM	36	0	16.05	16.26	16.19	16.12	16.12	16.8	0
15	256QAM	36	20	16.04	16.13	16.14	16.21	16.03		
15	256QAM	36	39	16.14	16.15	16.14	16.22	16.15		
15	256QAM	75	0	16.16	16.16	16.14	16.12	16.13		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.07	16.05	16.23	16.06	16.06	17	0
10	QPSK	1	25	16.17	16.19	16.15	16.11	16.12		
10	QPSK	1	49	16.14	16.00	16.06	16.14	16.11		
10	QPSK	25	0	16.15	16.06	16.13	16.10	16.18	16.8	0
10	QPSK	25	12	16.05	16.12	16.10	16.16	16.18		
10	QPSK	25	25	16.10	16.24	16.06	16.09	16.13		
10	QPSK	50	0	16.09	16.19	16.13	16.17	16.16		
10	16QAM	1	0	16.11	16.20	16.15	16.15	16.05	16.8	0
10	16QAM	1	25	16.21	16.14	16.17	16.08	16.14		
10	16QAM	1	49	16.07	16.05	16.11	16.10	16.11		
10	16QAM	25	0	16.18	16.09	16.25	16.13	16.11	16.8	0
10	16QAM	25	12	16.12	16.16	16.21	16.09	16.22		
10	16QAM	25	25	16.17	16.21	16.12	16.20	16.17		
10	16QAM	50	0	16.19	16.10	16.22	16.03	16.14		
10	64QAM	1	0	16.04	16.04	16.11	16.25	16.06	16.8	0
10	64QAM	1	25	16.22	16.18	16.12	16.13	16.23		
10	64QAM	1	49	16.17	16.18	16.25	16.22	16.17		
10	64QAM	25	0	16.12	16.19	16.19	16.26	16.11	16.8	0
10	64QAM	25	12	16.18	16.15	16.08	16.08	16.07		
10	64QAM	25	25	16.19	16.13	16.02	16.06	16.20		
10	64QAM	50	0	16.16	16.00	16.11	16.25	16.18		
10	256QAM	1	0	16.19	16.19	16.21	16.22	16.02	16.8	0
10	256QAM	1	25	16.19	16.13	16.21	16.19	16.07		
10	256QAM	1	49	16.25	16.11	16.09	16.23	16.12		
10	256QAM	25	0	16.10	16.25	16.19	16.10	16.17	16.8	0
10	256QAM	25	12	16.00	16.15	16.11	16.08	16.15		
10	256QAM	25	25	16.19	16.13	16.11	16.09	16.27		
10	256QAM	50	0	16.22	16.24	16.19	16.13	16.17		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.14	16.18	16.29	16.11	16.05	17	0
5	QPSK	1	12	16.19	16.09	16.20	16.11	16.17		
5	QPSK	1	24	16.14	16.14	16.15	16.21	16.23		
5	QPSK	12	0	16.13	16.17	16.19	16.19	16.18	16.8	0
5	QPSK	12	7	16.09	16.05	16.15	16.04	16.03		
5	QPSK	12	13	16.02	16.17	16.10	16.05	16.12		
5	QPSK	25	0	16.20	16.16	16.14	16.12	16.14		
5	16QAM	1	0	16.11	16.15	16.19	16.15	16.15	16.8	0
5	16QAM	1	12	16.24	16.28	16.16	16.12	16.09		
5	16QAM	1	24	16.08	16.16	16.00	16.07	16.15		
5	16QAM	12	0	16.12	16.18	16.22	16.04	16.12	16.8	0
5	16QAM	12	7	16.06	16.04	16.12	16.11	16.20		
5	16QAM	12	13	16.23	16.20	16.25	16.11	16.07		
5	16QAM	25	0	16.29	16.05	16.28	16.14	16.20		
5	64QAM	1	0	16.08	16.12	16.14	16.27	16.13	16.8	0
5	64QAM	1	12	16.17	16.19	16.13	16.04	16.17		
5	64QAM	1	24	16.16	16.20	16.17	16.29	16.08		
5	64QAM	12	0	16.15	16.19	16.15	16.13	16.12	16.8	0
5	64QAM	12	7	16.17	16.22	16.13	16.04	16.05		
5	64QAM	12	13	16.14	16.09	16.01	16.06	16.26		
5	64QAM	25	0	16.21	16.16	16.20	16.29	16.10		
5	256QAM	1	0	16.23	16.28	16.15	16.19	16.02	16.8	0
5	256QAM	1	12	16.05	16.09	16.09	16.14	16.07		
5	256QAM	1	24	16.27	16.24	16.05	16.13	16.07		
5	256QAM	12	0	16.06	16.26	16.28	16.04	16.15	16.8	0
5	256QAM	12	7	16.03	16.04	16.06	16.06	16.02		
5	256QAM	12	13	16.15	16.12	16.27	16.18	16.27		
5	256QAM	25	0	16.21	16.09	16.17	16.23	16.18		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.66	17.56	17.71	17.66	17.65	18.4	0
20	QPSK	1	49	17.56	17.68	17.54	17.68	17.69		
20	QPSK	1	99	17.58	17.61	17.65	17.60	17.59		
20	QPSK	50	0	17.57	17.63	17.70	17.59	17.68	18.4	0
20	QPSK	50	24	17.62	17.67	17.68	17.66	17.59		
20	QPSK	50	50	17.67	17.63	17.55	17.65	17.63		
20	QPSK	100	0	17.61	17.59	17.68	17.65	17.60		
20	16QAM	1	0	17.60	17.58	17.56	17.59	17.63	18.4	0
20	16QAM	1	49	17.57	17.66	17.58	17.67	17.68		
20	16QAM	1	99	17.58	17.62	17.68	17.57	17.70		
20	16QAM	50	0	17.57	17.61	17.57	17.60	17.56	18.4	0
20	16QAM	50	24	17.65	17.57	17.58	17.65	17.68		
20	16QAM	50	50	17.59	17.61	17.57	17.57	17.64		
20	16QAM	100	0	17.62	17.64	17.63	17.66	17.69		
20	64QAM	1	0	17.58	17.66	17.65	17.60	17.57	18.4	0
20	64QAM	1	49	17.62	17.65	17.70	17.65	17.59		
20	64QAM	1	99	17.62	17.61	17.70	17.55	17.60		
20	64QAM	50	0	17.59	17.67	17.56	17.69	17.69	18.4	0
20	64QAM	50	24	17.63	17.56	17.67	17.54	17.59		
20	64QAM	50	50	17.63	17.60	17.55	17.62	17.59		
20	64QAM	100	0	17.67	17.66	17.62	17.69	17.64		
20	256QAM	1	0	17.62	17.67	17.58	17.64	17.65	18.4	0
20	256QAM	1	49	17.61	17.58	17.62	17.57	17.64		
20	256QAM	1	99	17.64	17.66	17.57	17.67	17.59		
20	256QAM	50	0	17.63	17.67	17.61	17.59	17.60	18.4	0
20	256QAM	50	24	17.59	17.67	17.61	17.62	17.68		
20	256QAM	50	50	17.56	17.64	17.55	17.58	17.57		
20	256QAM	100	0	17.60	17.69	17.58	17.60	17.55		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.52	17.48	17.59	17.54	17.51	18	0
15	QPSK	1	37	17.38	17.53	17.45	17.63	17.64		
15	QPSK	1	74	17.49	17.54	17.59	17.46	17.54		
15	QPSK	36	0	17.53	17.46	17.62	17.42	17.65	18.4	0
15	QPSK	36	20	17.50	17.61	17.60	17.52	17.53		
15	QPSK	36	39	17.51	17.50	17.41	17.60	17.51		
15	QPSK	75	0	17.56	17.50	17.55	17.59	17.44		
15	16QAM	1	0	17.52	17.48	17.49	17.41	17.60	18.4	0
15	16QAM	1	37	17.45	17.60	17.51	17.63	17.62		
15	16QAM	1	74	17.55	17.49	17.65	17.39	17.59		
15	16QAM	36	0	17.52	17.56	17.46	17.55	17.38	18.4	0
15	16QAM	36	20	17.61	17.55	17.51	17.61	17.59		
15	16QAM	36	39	17.46	17.49	17.47	17.52	17.54		
15	16QAM	75	0	17.46	17.62	17.51	17.62	17.56		
15	64QAM	1	0	17.41	17.60	17.61	17.57	17.41	18.4	0
15	64QAM	1	37	17.49	17.54	17.54	17.56	17.54		
15	64QAM	1	74	17.50	17.56	17.59	17.51	17.50		
15	64QAM	36	0	17.43	17.53	17.43	17.57	17.64	18.4	0
15	64QAM	36	20	17.54	17.41	17.62	17.43	17.47		
15	64QAM	36	39	17.49	17.55	17.53	17.50	17.54		
15	64QAM	75	0	17.62	17.49	17.54	17.60	17.58		
15	256QAM	1	0	17.50	17.54	17.44	17.62	17.52	18.4	0
15	256QAM	1	37	17.45	17.46	17.46	17.44	17.54		
15	256QAM	1	74	17.59	17.56	17.43	17.56	17.47		
15	256QAM	36	0	17.45	17.62	17.46	17.46	17.43	18.4	0
15	256QAM	36	20	17.46	17.50	17.52	17.46	17.63		
15	256QAM	36	39	17.53	17.56	17.48	17.43	17.54		
15	256QAM	75	0	17.44	17.54	17.52	17.45	17.49		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.60	17.52	17.66	17.64	17.62	18	0
10	QPSK	1	25	17.52	17.65	17.51	17.60	17.65		
10	QPSK	1	49	17.48	17.44	17.60	17.55	17.47		
10	QPSK	25	0	17.41	17.45	17.56	17.49	17.61	18.4	0
10	QPSK	25	12	17.51	17.58	17.57	17.62	17.51		
10	QPSK	25	25	17.57	17.55	17.49	17.48	17.53		
10	QPSK	50	0	17.47	17.56	17.62	17.55	17.51		
10	16QAM	1	0	17.52	17.48	17.43	17.51	17.57	18.4	0
10	16QAM	1	25	17.41	17.61	17.46	17.64	17.58		
10	16QAM	1	49	17.42	17.47	17.51	17.52	17.52		
10	16QAM	25	0	17.47	17.48	17.45	17.54	17.50	18.4	0
10	16QAM	25	12	17.57	17.41	17.42	17.55	17.55		
10	16QAM	25	25	17.44	17.50	17.41	17.45	17.56		
10	16QAM	50	0	17.58	17.54	17.49	17.61	17.55		
10	64QAM	1	0	17.46	17.60	17.57	17.50	17.48	18.4	0
10	64QAM	1	25	17.47	17.53	17.55	17.52	17.50		
10	64QAM	1	49	17.54	17.54	17.63	17.37	17.46		
10	64QAM	25	0	17.44	17.51	17.43	17.54	17.63	18.4	0
10	64QAM	25	12	17.60	17.40	17.65	17.47	17.45		
10	64QAM	25	25	17.46	17.50	17.47	17.55	17.54		
10	64QAM	50	0	17.56	17.63	17.58	17.64	17.47		
10	256QAM	1	0	17.50	17.51	17.48	17.47	17.52	18.4	0
10	256QAM	1	25	17.51	17.54	17.54	17.44	17.48		
10	256QAM	1	49	17.58	17.63	17.41	17.55	17.46		
10	256QAM	25	0	17.58	17.57	17.53	17.48	17.56	18.4	0
10	256QAM	25	12	17.50	17.54	17.56	17.45	17.58		
10	256QAM	25	25	17.47	17.57	17.43	17.44	17.48		
10	256QAM	50	0	17.53	17.52	17.44	17.57	17.51		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.48	17.47	17.60	17.50	17.49	18	0
5	QPSK	1	12	17.51	17.61	17.36	17.62	17.65		
5	QPSK	1	24	17.44	17.49	17.48	17.56	17.45		
5	QPSK	12	0	17.46	17.59	17.54	17.56	17.63	18.4	0
5	QPSK	12	7	17.60	17.57	17.63	17.63	17.57		
5	QPSK	12	13	17.64	17.46	17.52	17.59	17.53		
5	QPSK	25	0	17.48	17.48	17.60	17.47	17.50		
5	16QAM	1	0	17.49	17.53	17.39	17.43	17.50	18.4	0
5	16QAM	1	12	17.41	17.52	17.43	17.60	17.63		
5	16QAM	1	24	17.45	17.48	17.59	17.49	17.56		
5	16QAM	12	0	17.49	17.44	17.51	17.50	17.48	18.4	0
5	16QAM	12	7	17.59	17.55	17.49	17.60	17.59		
5	16QAM	12	13	17.43	17.55	17.51	17.48	17.58		
5	16QAM	25	0	17.47	17.57	17.50	17.50	17.56		
5	64QAM	1	0	17.45	17.62	17.49	17.49	17.54	18.4	0
5	64QAM	1	12	17.48	17.55	17.62	17.61	17.48		
5	64QAM	1	24	17.44	17.43	17.56	17.45	17.56		
5	64QAM	12	0	17.49	17.56	17.42	17.58	17.62	18.4	0
5	64QAM	12	7	17.55	17.44	17.49	17.46	17.43		
5	64QAM	12	13	17.48	17.42	17.44	17.50	17.46		
5	64QAM	25	0	17.50	17.63	17.50	17.67	17.60		
5	256QAM	1	0	17.48	17.54	17.52	17.58	17.62	18.4	0
5	256QAM	1	12	17.48	17.44	17.49	17.42	17.52		
5	256QAM	1	24	17.57	17.58	17.39	17.49	17.48		
5	256QAM	12	0	17.59	17.63	17.45	17.53	17.56	18.4	0
5	256QAM	12	7	17.43	17.58	17.43	17.49	17.58		
5	256QAM	12	13	17.42	17.53	17.46	17.40	17.50		
5	256QAM	25	0	17.44	17.51	17.54	17.52	17.44		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.74	16.78	16.67	17	0
20	QPSK	1	49	16.62	16.70	16.54		
20	QPSK	1	99	16.69	16.68	16.51		
20	QPSK	50	0	15.60	15.85	15.68	17	0
20	QPSK	50	24	15.68	15.81	15.75		
20	QPSK	50	50	15.75	15.83	15.64		
20	QPSK	100	0	15.83	15.84	15.78		
20	16QAM	1	0	15.62	15.93	15.69	17	0
20	16QAM	1	49	15.85	15.73	15.77		
20	16QAM	1	99	15.70	15.89	15.70		
20	16QAM	50	0	14.71	14.67	14.76	17	0
20	16QAM	50	24	14.85	14.64	14.56		
20	16QAM	50	50	14.80	14.84	14.74		
20	16QAM	100	0	14.65	14.87	14.78		
20	64QAM	1	0	14.71	14.69	14.57	17	0
20	64QAM	1	49	14.81	14.76	14.59		
20	64QAM	1	99	14.86	14.84	14.59		
20	64QAM	50	0	13.84	13.69	13.73	16	1
20	64QAM	50	24	13.70	13.72	13.74		
20	64QAM	50	50	13.67	13.88	13.58		
20	64QAM	100	0	13.61	13.71	13.79		
20	256QAM	1	0	11.65	11.63	11.66	14	3
20	256QAM	1	49	11.89	11.92	11.56		
20	256QAM	1	99	11.80	11.64	11.69		
20	256QAM	50	0	11.76	11.90	11.70	14	3
20	256QAM	50	24	11.73	11.93	11.65		
20	256QAM	50	50	11.68	11.85	11.67		
20	256QAM	100	0	11.85	11.77	11.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.72	16.75	16.64	17	0
15	QPSK	1	37	16.57	16.54	16.40		
15	QPSK	1	74	16.64	16.65	16.35		
15	QPSK	36	0	15.44	15.74	15.56	17	0
15	QPSK	36	20	15.63	15.64	15.60		
15	QPSK	36	39	15.66	15.79	15.53		
15	QPSK	75	0	15.74	15.78	15.69		
15	16QAM	1	0	15.57	15.82	15.56	17	0
15	16QAM	1	37	15.78	15.64	15.63		
15	16QAM	1	74	15.62	15.83	15.53		
15	16QAM	36	0	14.54	14.61	14.61	17	0
15	16QAM	36	20	14.72	14.48	14.48		
15	16QAM	36	39	14.72	14.76	14.56		
15	16QAM	75	0	14.48	14.85	14.64		
15	64QAM	1	0	14.60	14.62	14.39	17	0
15	64QAM	1	37	14.70	14.60	14.50		
15	64QAM	1	74	14.74	14.81	14.55		
15	64QAM	36	0	13.68	13.56	13.62	16	1
15	64QAM	36	20	13.64	13.60	13.58		
15	64QAM	36	39	13.55	13.79	13.56		
15	64QAM	75	0	13.50	13.58	13.75		
15	256QAM	1	0	11.54	11.49	11.61	14	3
15	256QAM	1	37	11.84	11.77	11.48		
15	256QAM	1	74	11.71	11.46	11.59		
15	256QAM	36	0	11.59	11.80	11.53	14	3
15	256QAM	36	20	11.64	11.82	11.62		
15	256QAM	36	39	11.60	11.78	11.51		
15	256QAM	75	0	11.70	11.64	11.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.70	16.76	16.62	17	0
10	QPSK	1	25	16.55	16.62	16.46		
10	QPSK	1	49	16.64	16.53	16.46		
10	QPSK	25	0	15.50	15.77	15.61	17	0
10	QPSK	25	12	15.61	15.67	15.67		
10	QPSK	25	25	15.62	15.74	15.59		
10	QPSK	50	0	15.72	15.74	15.74		
10	16QAM	1	0	15.52	15.78	15.59	17	0
10	16QAM	1	25	15.73	15.65	15.61		
10	16QAM	1	49	15.56	15.77	15.67		
10	16QAM	25	0	14.61	14.60	14.71	17	0
10	16QAM	25	12	14.82	14.58	14.51		
10	16QAM	25	25	14.63	14.77	14.58		
10	16QAM	50	0	14.62	14.72	14.71		
10	64QAM	1	0	14.56	14.65	14.39	17	0
10	64QAM	1	25	14.77	14.62	14.42		
10	64QAM	1	49	14.82	14.74	14.46		
10	64QAM	25	0	13.74	13.60	13.62	16	1
10	64QAM	25	12	13.65	13.66	13.60		
10	64QAM	25	25	13.60	13.85	13.53		
10	64QAM	50	0	13.44	13.59	13.77		
10	256QAM	1	0	11.56	11.55	11.54	14	3
10	256QAM	1	25	11.76	11.89	11.49		
10	256QAM	1	49	11.63	11.49	11.60		
10	256QAM	25	0	11.69	11.77	11.52	14	3
10	256QAM	25	12	11.62	11.77	11.48		
10	256QAM	25	25	11.66	11.67	11.53		
10	256QAM	50	0	11.83	11.74	11.50		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.66	16.63	16.53	17	0
5	QPSK	1	12	16.50	16.59	16.40		
5	QPSK	1	24	16.53	16.60	16.41		
5	QPSK	12	0	15.56	15.78	15.64	17	0
5	QPSK	12	7	15.61	15.70	15.64		
5	QPSK	12	13	15.57	15.75	15.46		
5	QPSK	25	0	15.71	15.79	15.68		
5	16QAM	1	0	15.45	15.85	15.58	17	0
5	16QAM	1	12	15.79	15.64	15.66		
5	16QAM	1	24	15.67	15.73	15.53		
5	16QAM	12	0	14.57	14.59	14.65	17	0
5	16QAM	12	7	14.78	14.61	14.38		
5	16QAM	12	13	14.76	14.69	14.67		
5	16QAM	25	0	14.56	14.72	14.70		
5	64QAM	1	0	14.65	14.59	14.40	17	0
5	64QAM	1	12	14.74	14.65	14.42		
5	64QAM	1	24	14.81	14.66	14.56		
5	64QAM	12	0	13.70	13.63	13.59	16	1
5	64QAM	12	7	13.53	13.57	13.71		
5	64QAM	12	13	13.64	13.84	13.43		
5	64QAM	25	0	13.51	13.69	13.62		
5	256QAM	1	0	11.58	11.56	11.50	14	3
5	256QAM	1	12	11.78	11.86	11.52		
5	256QAM	1	24	11.64	11.46	11.57		
5	256QAM	12	0	11.61	11.72	11.60	14	3
5	256QAM	12	7	11.62	11.76	11.48		
5	256QAM	12	13	11.64	11.75	11.64		
5	256QAM	25	0	11.69	11.71	11.42		

Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.86	16.84	17.00	16.91	16.95	18	0
20	QPSK	1	49	16.98	16.95	16.92	16.91	16.92		
20	QPSK	1	99	16.89	16.91	16.91	16.86	16.94		
20	QPSK	50	0	16.92	16.84	16.95	16.93	16.94	18	0
20	QPSK	50	24	16.93	16.85	16.91	16.87	16.93		
20	QPSK	50	50	16.84	16.86	16.92	16.90	16.81		
20	QPSK	100	0	16.91	16.84	16.98	16.88	16.96		
20	16QAM	1	0	16.97	16.94	16.83	16.99	16.90	18	0
20	16QAM	1	49	16.86	16.89	16.85	16.87	16.83		
20	16QAM	1	99	16.95	16.91	16.97	16.97	16.94		
20	16QAM	50	0	16.94	16.96	16.94	16.88	16.92	18	0
20	16QAM	50	24	16.87	16.92	16.87	16.96	16.87		
20	16QAM	50	50	16.92	16.85	16.84	16.94	16.91		
20	16QAM	100	0	16.97	16.93	16.87	16.84	16.96		
20	64QAM	1	0	16.88	16.84	16.83	16.93	16.89	18	0
20	64QAM	1	49	16.95	16.93	16.98	16.85	16.88		
20	64QAM	1	99	16.85	16.89	16.98	16.86	16.86		
20	64QAM	50	0	15.71	16.09	16.13	15.90	15.87	17	1
20	64QAM	50	24	15.68	16.12	16.08	15.98	15.74		
20	64QAM	50	50	15.83	16.03	16.08	16.00	15.78		
20	64QAM	100	0	15.72	16.02	16.06	16.01	15.95		
20	256QAM	1	0	13.70	14.02	13.97	13.79	13.86	17	1
20	256QAM	1	49	13.95	14.01	14.17	13.79	13.85		
20	256QAM	1	99	13.96	13.83	14.00	13.94	13.68		
20	256QAM	50	0	13.74	14.04	13.98	13.84	13.81	17	1
20	256QAM	50	24	13.75	14.08	14.13	13.98	13.80		
20	256QAM	50	50	13.82	13.92	14.02	14.01	13.70		
20	256QAM	100	0	13.82	13.98	14.26	13.90	13.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.76	16.68	16.84	16.78	16.82	18	0
15	QPSK	1	37	16.82	16.90	16.88	16.85	16.85		
15	QPSK	1	74	16.78	16.77	16.76	16.73	16.88		
15	QPSK	36	0	16.76	16.81	16.80	16.77	16.77	18	0
15	QPSK	36	20	16.76	16.70	16.90	16.75	16.80		
15	QPSK	36	39	16.71	16.69	16.90	16.76	16.67		
15	QPSK	75	0	16.85	16.78	16.81	16.78	16.88		
15	16QAM	1	0	16.87	16.87	16.70	16.82	16.73	18	0
15	16QAM	1	37	16.71	16.82	16.81	16.70	16.67		
15	16QAM	1	74	16.90	16.76	16.83	16.80	16.77		
15	16QAM	36	0	16.85	16.90	16.77	16.71	16.82	18	0
15	16QAM	36	20	16.76	16.78	16.77	16.80	16.70		
15	16QAM	36	39	16.83	16.67	16.78	16.79	16.75		
15	16QAM	75	0	16.87	16.90	16.75	16.73	16.86		
15	64QAM	1	0	16.80	16.71	16.81	16.77	16.85	18	0
15	64QAM	1	37	16.88	16.87	16.83	16.70	16.86		
15	64QAM	1	74	16.81	16.75	16.92	16.75	16.80		
15	64QAM	36	0	15.94	15.95	16.26	16.07	15.93	17	1
15	64QAM	36	20	15.96	15.99	16.14	15.83	15.85		
15	64QAM	36	39	15.96	15.99	16.07	15.94	15.77		
15	64QAM	75	0	15.64	15.99	15.88	15.89	15.88		
15	256QAM	1	0	13.67	13.87	13.83	13.69	13.72	17	1
15	256QAM	1	37	13.80	13.98	14.05	13.63	13.69		
15	256QAM	1	74	13.91	13.75	13.89	13.89	13.61		
15	256QAM	36	0	13.69	13.98	13.84	13.74	13.73	17	1
15	256QAM	36	20	13.59	14.01	14.02	13.95	13.75		
15	256QAM	36	39	13.71	13.87	13.89	13.83	13.61		
15	256QAM	75	0	13.69	13.88	14.10	13.82	13.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.70	16.70	16.84	16.80	16.82	18	0
10	QPSK	1	25	16.88	16.83	16.88	16.81	16.78		
10	QPSK	1	49	16.82	16.85	16.78	16.69	16.92		
10	QPSK	25	0	16.87	16.81	16.71	16.89	16.92	18	0
10	QPSK	25	12	16.86	16.74	16.90	16.83	16.84		
10	QPSK	25	25	16.79	16.72	16.91	16.83	16.71		
10	QPSK	50	0	16.86	16.72	16.85	16.82	16.83		
10	16QAM	1	0	16.88	16.87	16.66	16.93	16.81	18	0
10	16QAM	1	25	16.79	16.72	16.77	16.72	16.65		
10	16QAM	1	49	16.78	16.82	16.84	16.89	16.79		
10	16QAM	25	0	16.77	16.85	16.76	16.85	16.84	18	0
10	16QAM	25	12	16.72	16.77	16.74	16.89	16.71		
10	16QAM	25	25	16.87	16.73	16.78	16.77	16.86		
10	16QAM	50	0	16.85	16.88	16.83	16.80	16.81		
10	64QAM	1	0	16.76	16.80	16.72	16.82	16.83	18	0
10	64QAM	1	25	16.82	16.80	16.82	16.71	16.84		
10	64QAM	1	49	16.82	16.76	16.95	16.81	16.82		
10	64QAM	25	0	15.63	16.02	16.04	15.80	15.75	17	1
10	64QAM	25	12	15.58	16.02	15.91	15.95	15.61		
10	64QAM	25	25	15.72	15.90	15.94	15.91	15.71		
10	64QAM	50	0	15.64	16.00	15.90	15.90	15.87		
10	256QAM	1	0	13.73	14.06	14.10	14.08	13.95	17	1
10	256QAM	1	25	13.77	14.02	14.21	13.84	13.80		
10	256QAM	1	49	13.93	14.05	14.15	13.96	13.76		
10	256QAM	25	0	13.65	13.96	13.96	13.80	13.78	17	1
10	256QAM	25	12	13.61	13.98	13.99	13.89	13.74		
10	256QAM	25	25	13.64	13.77	13.85	13.84	13.55		
10	256QAM	50	0	13.70	13.88	14.19	13.84	13.69		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.73	16.70	16.97	16.79	16.91	18	0
5	QPSK	1	12	16.95	16.81	16.86	16.74	16.80		
5	QPSK	1	24	16.82	16.83	16.87	16.76	16.79		
5	QPSK	12	0	16.87	16.74	16.68	16.82	16.90	18	0
5	QPSK	12	7	16.79	16.83	16.87	16.84	16.83		
5	QPSK	12	13	16.79	16.77	16.85	16.78	16.72		
5	QPSK	25	0	16.80	16.67	16.91	16.81	16.89		
5	16QAM	1	0	16.85	16.85	16.75	16.89	16.78	18	0
5	16QAM	1	12	16.71	16.86	16.78	16.70	16.70		
5	16QAM	1	24	16.81	16.73	16.86	16.93	16.81		
5	16QAM	12	0	16.86	16.79	16.80	16.79	16.78	18	0
5	16QAM	12	7	16.78	16.89	16.70	16.81	16.70		
5	16QAM	12	13	16.76	16.74	16.70	16.82	16.83		
5	16QAM	25	0	16.86	16.78	16.82	16.71	16.87		
5	64QAM	1	0	16.78	16.80	16.74	16.83	16.86	18	0
5	64QAM	1	12	16.89	16.87	16.80	16.82	16.84		
5	64QAM	1	24	16.74	16.86	16.84	16.76	16.76		
5	64QAM	12	0	15.66	16.03	16.06	15.74	15.70	17	1
5	64QAM	12	7	15.59	15.94	15.95	15.94	15.65		
5	64QAM	12	13	15.67	15.87	15.92	15.97	15.71		
5	64QAM	25	0	15.66	15.96	15.98	15.94	15.86		
5	256QAM	1	0	13.63	13.89	13.92	13.70	13.84	17	1
5	256QAM	1	12	13.85	13.91	14.12	13.72	13.80		
5	256QAM	1	24	13.89	13.79	13.92	13.82	13.65		
5	256QAM	12	0	13.69	13.99	13.88	13.70	13.63	17	1
5	256QAM	12	7	13.64	13.93	14.08	13.88	13.77		
5	256QAM	12	13	13.72	13.78	13.99	13.97	13.65		
5	256QAM	25	0	13.77	13.94	14.15	13.77	13.71		

Band 41 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.48	18.44	18.64	18.59	18.50	19.6	0
20	QPSK	1	49	18.53	18.61	18.57	18.56	18.53		
20	QPSK	1	99	18.54	18.52	18.47	18.48	18.54		
20	QPSK	50	0	18.52	18.58	18.62	18.52	18.50	19.6	0
20	QPSK	50	24	18.55	18.43	18.55	18.43	18.51		
20	QPSK	50	50	18.47	18.47	18.55	18.52	18.47		
20	QPSK	100	0	18.46	18.40	18.58	18.51	18.55		
20	16QAM	1	0	18.60	18.53	18.44	18.53	18.53	19.6	0
20	16QAM	1	49	18.52	18.51	18.49	18.47	18.40		
20	16QAM	1	99	18.56	18.55	18.58	18.58	18.55		
20	16QAM	50	0	18.49	18.59	18.57	18.46	18.50	19.6	0
20	16QAM	50	24	18.48	18.51	18.42	18.53	18.44		
20	16QAM	50	50	18.51	18.45	18.40	18.55	18.54		
20	16QAM	100	0	18.54	18.54	18.45	18.44	18.58		
20	64QAM	1	0	18.51	18.38	18.42	18.53	18.54	19.6	0
20	64QAM	1	49	18.54	18.52	18.63	18.45	18.51		
20	64QAM	1	99	18.44	18.54	18.53	18.47	18.49		
20	64QAM	50	0	18.42	18.40	18.60	18.46	18.56	19.6	0
20	64QAM	50	24	18.63	18.56	18.48	18.54	18.53		
20	64QAM	50	50	18.45	18.47	18.52	18.50	18.56		
20	64QAM	100	0	18.52	18.38	18.46	18.55	18.48		
20	256QAM	1	0	17.46	17.18	17.54	17.24	17.40	18	1.6
20	256QAM	1	49	17.36	17.32	17.41	17.24	17.22		
20	256QAM	1	99	17.31	17.29	17.64	17.23	17.44		
20	256QAM	50	0	17.40	17.20	17.52	17.25	17.29	18	1.6
20	256QAM	50	24	17.46	17.44	17.66	17.33	17.38		
20	256QAM	50	50	17.32	17.23	17.58	17.30	17.39		
20	256QAM	100	0	17.40	17.31	17.52	17.22	17.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.46	18.36	18.52	18.53	18.47	20	0
15	QPSK	1	37	18.48	18.53	18.53	18.47	18.50		
15	QPSK	1	74	18.49	18.41	18.43	18.44	18.49		
15	QPSK	36	0	18.42	18.53	18.55	18.42	18.37	19.6	0
15	QPSK	36	20	18.48	18.40	18.48	18.40	18.37		
15	QPSK	36	39	18.41	18.38	18.46	18.50	18.40		
15	QPSK	75	0	18.34	18.38	18.47	18.38	18.46		
15	16QAM	1	0	18.55	18.51	18.38	18.43	18.42	19.6	0
15	16QAM	1	37	18.46	18.38	18.47	18.42	18.36		
15	16QAM	1	74	18.51	18.43	18.55	18.46	18.49		
15	16QAM	36	0	18.43	18.49	18.54	18.33	18.40	19.6	0
15	16QAM	36	20	18.42	18.41	18.30	18.41	18.33		
15	16QAM	36	39	18.39	18.41	18.28	18.44	18.47		
15	16QAM	75	0	18.47	18.43	18.36	18.41	18.51		
15	64QAM	1	0	18.45	18.31	18.38	18.41	18.49	19.6	0
15	64QAM	1	37	18.43	18.48	18.51	18.40	18.40		
15	64QAM	1	74	18.36	18.45	18.43	18.43	18.41		
15	64QAM	36	0	18.31	18.31	18.47	18.41	18.51	19.6	0
15	64QAM	36	20	18.55	18.51	18.45	18.46	18.51		
15	64QAM	36	39	18.43	18.34	18.44	18.47	18.50		
15	64QAM	75	0	18.38	18.26	18.36	18.42	18.41		
15	256QAM	1	0	17.35	17.08	17.36	17.16	17.26	18	1.6
15	256QAM	1	37	17.22	17.24	17.29	17.13	17.13		
15	256QAM	1	74	17.21	17.11	17.57	17.08	17.33		
15	256QAM	36	0	17.37	17.08	17.41	17.11	17.18	18	1.6
15	256QAM	36	20	17.35	17.37	17.54	17.28	17.22		
15	256QAM	36	39	17.29	17.07	17.50	17.14	17.30		
15	256QAM	75	0	17.23	17.14	17.43	17.17	17.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.43	18.37	18.52	18.54	18.37	20	0
10	QPSK	1	25	18.49	18.55	18.46	18.53	18.41		
10	QPSK	1	49	18.42	18.40	18.36	18.37	18.52		
10	QPSK	25	0	18.45	18.50	18.55	18.41	18.39	19.6	0
10	QPSK	25	12	18.51	18.38	18.47	18.33	18.39		
10	QPSK	25	25	18.34	18.45	18.44	18.45	18.38		
10	QPSK	50	0	18.33	18.38	18.47	18.48	18.42		
10	16QAM	1	0	18.54	18.51	18.35	18.40	18.44	19.6	0
10	16QAM	1	25	18.46	18.47	18.40	18.43	18.33		
10	16QAM	1	49	18.45	18.49	18.49	18.52	18.48		
10	16QAM	25	0	18.37	18.49	18.54	18.38	18.46	19.6	0
10	16QAM	25	12	18.46	18.47	18.30	18.41	18.39		
10	16QAM	25	25	18.39	18.35	18.34	18.51	18.50		
10	16QAM	50	0	18.48	18.51	18.32	18.31	18.48		
10	64QAM	1	0	18.41	18.32	18.34	18.51	18.48	19.6	0
10	64QAM	1	25	18.41	18.50	18.53	18.32	18.47		
10	64QAM	1	49	18.36	18.48	18.46	18.38	18.41		
10	64QAM	25	0	18.31	18.30	18.51	18.38	18.43	19.6	0
10	64QAM	25	12	18.50	18.48	18.42	18.50	18.46		
10	64QAM	25	25	18.35	18.35	18.40	18.40	18.43		
10	64QAM	50	0	18.38	18.25	18.42	18.50	18.39		
10	256QAM	1	0	17.30	17.07	17.50	17.09	17.33	18	1.6
10	256QAM	1	25	17.26	17.27	17.34	17.10	17.15		
10	256QAM	1	49	17.28	17.12	17.52	17.15	17.28		
10	256QAM	25	0	17.23	17.06	17.40	17.18	17.19	18	1.6
10	256QAM	25	12	17.34	17.30	17.56	17.15	17.22		
10	256QAM	25	25	17.27	17.20	17.51	17.21	17.30		
10	256QAM	50	0	17.30	17.17	17.48	17.13	17.11		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.35	18.35	18.58	18.49	18.41	20	0
5	QPSK	1	12	18.46	18.55	18.51	18.46	18.44		
5	QPSK	1	24	18.43	18.43	18.35	18.39	18.41		
5	QPSK	12	0	18.45	18.46	18.55	18.39	18.47	19.6	0
5	QPSK	12	7	18.48	18.33	18.49	18.31	18.45		
5	QPSK	12	13	18.38	18.44	18.51	18.38	18.34		
5	QPSK	25	0	18.37	18.31	18.54	18.42	18.44		
5	16QAM	1	0	18.50	18.41	18.32	18.47	18.39	19.6	0
5	16QAM	1	12	18.40	18.41	18.39	18.36	18.32		
5	16QAM	1	24	18.53	18.52	18.47	18.45	18.42		
5	16QAM	12	0	18.43	18.56	18.54	18.38	18.41	19.6	0
5	16QAM	12	7	18.45	18.42	18.33	18.46	18.37		
5	16QAM	12	13	18.48	18.42	18.32	18.46	18.47		
5	16QAM	25	0	18.48	18.45	18.36	18.37	18.54		
5	64QAM	1	0	18.43	18.33	18.38	18.42	18.44	19.6	0
5	64QAM	1	12	18.45	18.47	18.50	18.41	18.38		
5	64QAM	1	24	18.34	18.47	18.46	18.36	18.38		
5	64QAM	12	0	18.31	18.35	18.49	18.44	18.43	19.6	0
5	64QAM	12	7	18.60	18.51	18.39	18.42	18.42		
5	64QAM	12	13	18.34	18.38	18.43	18.48	18.50		
5	64QAM	25	0	18.39	18.36	18.39	18.47	18.42		
5	256QAM	1	0	17.38	17.11	17.49	17.13	17.34	18	1.6
5	256QAM	1	12	17.34	17.22	17.38	17.15	17.10		
5	256QAM	1	24	17.16	17.23	17.53	17.11	17.29		
5	256QAM	12	0	17.37	17.33	17.51	17.44	17.33	18	1.6
5	256QAM	12	7	17.41	17.32	17.58	17.26	17.23		
5	256QAM	12	13	17.21	17.19	17.41	17.14	17.21		
5	256QAM	25	0	17.33	17.23	17.44	17.20	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.86	24.06	24.03	25	0
20	QPSK	1	49	23.74	23.93	23.85		
20	QPSK	1	99	23.72	23.95	23.99		
20	QPSK	50	0	22.80	23.17	23.00	24	1
20	QPSK	50	24	22.80	23.01	23.16		
20	QPSK	50	50	23.02	23.02	23.12		
20	QPSK	100	0	22.86	23.10	23.09		
20	16QAM	1	0	23.02	22.96	22.94	24	1
20	16QAM	1	49	22.93	23.09	23.04		
20	16QAM	1	99	22.87	23.02	22.99		
20	16QAM	50	0	21.79	22.15	22.00	23	2
20	16QAM	50	24	21.81	21.97	22.06		
20	16QAM	50	50	21.94	22.02	21.92		
20	16QAM	100	0	22.00	22.07	22.17		
20	64QAM	1	0	22.03	21.96	22.17	23	2
20	64QAM	1	49	21.81	22.20	21.92		
20	64QAM	1	99	21.87	22.12	21.90		
20	64QAM	50	0	20.99	21.10	21.04	22	3
20	64QAM	50	24	20.93	20.94	21.12		
20	64QAM	50	50	20.90	21.00	20.98		
20	64QAM	100	0	20.97	20.94	21.15		
20	256QAM	1	0	18.90	18.93	18.93	20	5
20	256QAM	1	49	18.97	19.14	19.15		
20	256QAM	1	99	18.89	18.94	18.92		
20	256QAM	50	0	18.97	19.11	18.90	20	5
20	256QAM	50	24	18.95	19.11	19.05		
20	256QAM	50	50	18.90	19.07	19.12		
20	256QAM	100	0	18.93	19.02	19.16		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.82	24.03	23.95	25	0
15	QPSK	1	37	23.66	23.88	23.72		
15	QPSK	1	74	23.61	23.85	23.87		
15	QPSK	36	0	22.69	23.06	22.85	24	1
15	QPSK	36	20	22.76	23.00	23.05		
15	QPSK	36	39	22.95	22.94	23.00		
15	QPSK	75	0	22.74	23.01	22.94		
15	16QAM	1	0	22.86	22.86	22.90	24	1
15	16QAM	1	37	22.88	22.93	22.95		
15	16QAM	1	74	22.70	22.91	22.87		
15	16QAM	36	0	21.76	22.00	21.98	23	2
15	16QAM	36	20	21.73	21.88	21.96		
15	16QAM	36	39	21.80	21.95	21.87		
15	16QAM	75	0	21.87	21.98	22.09		
15	64QAM	1	0	21.91	21.89	22.00	23	2
15	64QAM	1	37	21.67	22.16	21.84		
15	64QAM	1	74	21.71	21.95	21.83		
15	64QAM	36	0	20.87	21.01	20.97	22	3
15	64QAM	36	20	20.88	20.79	21.01		
15	64QAM	36	39	20.83	20.94	20.96		
15	64QAM	75	0	20.87	20.88	20.99		
15	256QAM	1	0	18.80	18.84	18.84	20	5
15	256QAM	1	37	18.91	19.05	18.99		
15	256QAM	1	74	18.86	18.83	18.88		
15	256QAM	36	0	18.89	19.07	18.74	20	5
15	256QAM	36	20	18.86	18.94	19.02		
15	256QAM	36	39	18.79	18.92	19.05		
15	256QAM	75	0	18.88	18.90	19.09		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.82	23.97	23.99	25	0
10	QPSK	1	25	23.66	23.84	23.72		
10	QPSK	1	49	23.69	23.90	23.82		
10	QPSK	25	0	22.71	23.02	22.92	24	1
10	QPSK	25	12	22.75	22.91	23.02		
10	QPSK	25	25	22.95	22.86	23.05		
10	QPSK	50	0	22.77	23.00	22.92	24	1
10	16QAM	1	0	22.88	22.82	22.84		
10	16QAM	1	25	22.80	22.98	22.95		
10	16QAM	1	49	22.76	22.88	22.85		
10	16QAM	25	0	21.64	22.05	21.83	23	2
10	16QAM	25	12	21.65	21.87	21.99		
10	16QAM	25	25	21.91	21.96	21.90		
10	16QAM	50	0	21.98	21.90	22.13		
10	64QAM	1	0	21.85	21.82	22.15	23	2
10	64QAM	1	25	21.75	22.10	21.76		
10	64QAM	1	49	21.71	21.99	21.73		
10	64QAM	25	0	20.84	20.94	20.99	22	3
10	64QAM	25	12	20.88	20.77	20.96		
10	64QAM	25	25	20.75	20.94	20.95		
10	64QAM	50	0	20.94	20.90	21.03		
10	256QAM	1	0	18.72	18.82	18.87	20	5
10	256QAM	1	25	18.92	19.10	19.05		
10	256QAM	1	49	18.72	18.88	18.87		
10	256QAM	25	0	18.81	18.97	18.82	20	5
10	256QAM	25	12	18.85	18.99	18.94		
10	256QAM	25	25	18.77	18.90	18.88		
10	256QAM	50	0	18.90	18.96	19.03		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.79	24.03	23.91	25	0
5	QPSK	1	12	23.60	23.88	23.70		
5	QPSK	1	24	23.58	23.83	23.87		
5	QPSK	12	0	22.73	23.09	22.87	24	1
5	QPSK	12	7	22.62	22.91	23.01		
5	QPSK	12	13	22.85	22.97	23.04		
5	QPSK	25	0	22.73	22.97	22.96		
5	16QAM	1	0	22.97	22.94	22.87	24	1
5	16QAM	1	12	22.86	22.99	22.95		
5	16QAM	1	24	22.82	22.99	22.89		
5	16QAM	12	0	21.63	22.09	21.95	23	2
5	16QAM	12	7	21.64	21.81	21.97		
5	16QAM	12	13	21.85	21.94	21.86		
5	16QAM	25	0	21.97	22.02	22.01		
5	64QAM	1	0	21.96	21.94	22.07	23	2
5	64QAM	1	12	21.69	22.17	21.87		
5	64QAM	1	24	21.76	22.06	21.84		
5	64QAM	12	0	20.85	21.04	21.02	22	3
5	64QAM	12	7	20.82	20.78	21.03		
5	64QAM	12	13	20.87	20.93	20.85		
5	64QAM	25	0	20.90	20.87	21.08		
5	256QAM	1	0	18.88	18.87	18.91	20	5
5	256QAM	1	12	18.81	19.12	19.00		
5	256QAM	1	24	18.75	18.78	18.81		
5	256QAM	12	0	18.91	19.00	18.82	20	5
5	256QAM	12	7	18.89	19.04	18.99		
5	256QAM	12	13	18.87	18.99	19.06		
5	256QAM	25	0	18.90	18.95	19.14		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3698		
20	QPSK	1	0	22.53	22.57	22.41	22.46	24	0
20	QPSK	1	49	22.42	22.51	22.33	22.32		
20	QPSK	1	99	22.38	22.47	22.26	22.36		
20	QPSK	50	0	22.39	22.55	22.36	22.29	24	0
20	QPSK	50	24	22.50	22.43	22.24	22.39		
20	QPSK	50	50	22.35	22.46	22.23	22.42		
20	QPSK	100	0	22.49	22.50	22.30	22.41		
20	16QAM	1	0	22.45	22.50	22.35	22.38	24	0
20	16QAM	1	49	22.35	22.40	22.33	22.37		
20	16QAM	1	99	22.49	22.53	22.26	22.39		
20	16QAM	50	0	21.64	21.45	21.31	21.52	23	1
20	16QAM	50	24	21.59	21.70	21.28	21.60		
20	16QAM	50	50	21.41	21.48	21.50	21.48		
20	16QAM	100	0	21.67	21.49	21.34	21.56		
20	64QAM	1	0	21.61	21.68	21.34	21.54	23	1
20	64QAM	1	49	21.67	21.51	21.38	21.50		
20	64QAM	1	99	21.45	21.71	21.38	21.49		
20	64QAM	50	0	20.51	20.58	20.55	20.48	22	2
20	64QAM	50	24	20.58	20.66	20.50	20.43		
20	64QAM	50	50	20.41	20.64	20.41	20.60		
20	64QAM	100	0	20.41	20.48	20.38	20.40		
20	256QAM	1	0	18.45	18.66	18.44	18.44	20	4
20	256QAM	1	49	18.60	18.71	18.41	18.51		
20	256QAM	1	99	18.51	18.48	18.50	18.60		
20	256QAM	50	0	18.46	18.47	18.44	18.41	20	4
20	256QAM	50	24	18.68	18.68	18.41	18.48		
20	256QAM	50	50	18.44	18.64	18.46	18.45		
20	256QAM	100	0	18.55	18.67	18.56	18.53		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	22.42	22.47	22.29	22.34	24	0
15	QPSK	1	37	22.35	22.48	22.24	22.27		
15	QPSK	1	74	22.23	22.43	22.09	22.25		
15	QPSK	36	0	22.32	22.42	22.28	22.27	24	0
15	QPSK	36	20	22.46	22.39	22.14	22.33		
15	QPSK	36	39	22.20	22.41	22.11	22.28		
15	QPSK	75	0	22.42	22.36	22.19	22.28		
15	16QAM	1	0	22.33	22.40	22.28	22.27	24	0
15	16QAM	1	37	22.25	22.24	22.24	22.28		
15	16QAM	1	74	22.31	22.41	22.14	22.23		
15	16QAM	36	0	21.50	21.27	21.28	21.44	23	1
15	16QAM	36	20	21.55	21.53	21.21	21.43		
15	16QAM	36	39	21.38	21.32	21.43	21.45		
15	16QAM	75	0	21.54	21.46	21.30	21.39		
15	64QAM	1	0	21.58	21.64	21.32	21.46	23	1
15	64QAM	1	37	21.60	21.37	21.28	21.43		
15	64QAM	1	74	21.31	21.53	21.25	21.32		
15	64QAM	36	0	20.34	20.44	20.43	20.42	22	2
15	64QAM	36	20	20.42	20.62	20.37	20.33		
15	64QAM	36	39	20.26	20.57	20.31	20.46		
15	64QAM	75	0	20.36	20.32	20.33	20.27		
15	256QAM	1	0	18.28	18.63	18.40	18.30	20	4
15	256QAM	1	37	18.54	18.61	18.38	18.41		
15	256QAM	1	74	18.41	18.44	18.34	18.44		
15	256QAM	36	0	18.42	18.37	18.30	18.38	20	4
15	256QAM	36	20	18.59	18.64	18.38	18.45		
15	256QAM	36	39	18.41	18.60	18.33	18.27		
15	256QAM	75	0	18.41	18.51	18.45	18.36		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3698		
10	QPSK	1	0	22.40	22.42	22.29	22.38	24	0
10	QPSK	1	25	22.27	22.40	22.15	22.22		
10	QPSK	1	49	22.32	22.29	22.17	22.24		
10	QPSK	25	0	22.30	22.42	22.20	22.26	24	0
10	QPSK	25	12	22.32	22.27	22.16	22.28		
10	QPSK	25	25	22.26	22.29	22.14	22.35		
10	QPSK	50	0	22.43	22.46	22.14	22.38	24	0
10	16QAM	1	0	22.34	22.44	22.30	22.26		
10	16QAM	1	25	22.22	22.29	22.27	22.23		
10	16QAM	1	49	22.42	22.50	22.13	22.26		
10	16QAM	25	0	21.49	21.34	21.19	21.37	23	1
10	16QAM	25	12	21.55	21.58	21.14	21.57		
10	16QAM	25	25	21.29	21.35	21.41	21.38		
10	16QAM	50	0	21.52	21.33	21.28	21.40		
10	64QAM	1	0	21.43	21.63	21.17	21.46	23	1
10	64QAM	1	25	21.61	21.40	21.36	21.36		
10	64QAM	1	49	21.42	21.64	21.22	21.43		
10	64QAM	25	0	20.44	20.48	20.37	20.31	22	2
10	64QAM	25	12	20.51	20.63	20.46	20.36		
10	64QAM	25	25	20.28	20.57	20.24	20.49		
10	64QAM	50	0	20.28	20.43	20.35	20.28	22	2
10	256QAM	1	0	18.37	18.51	18.27	18.32	20	4
10	256QAM	1	25	18.49	18.54	18.34	18.43		
10	256QAM	1	49	18.42	18.32	18.34	18.58		
10	256QAM	25	0	18.40	18.32	18.42	18.39	20	4
10	256QAM	25	12	18.61	18.62	18.30	18.45		
10	256QAM	25	25	18.38	18.60	18.28	18.28		
10	256QAM	50	0	18.50	18.65	18.49	18.46	20	4
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	22.38	22.51	22.27	22.28	24	0
5	QPSK	1	12	22.26	22.46	22.20	22.15		
5	QPSK	1	24	22.36	22.33	22.12	22.32		
5	QPSK	12	0	22.21	22.44	22.27	22.26	24	0
5	QPSK	12	7	22.38	22.40	22.11	22.37		
5	QPSK	12	13	22.19	22.30	22.20	22.39		
5	QPSK	25	0	22.39	22.33	22.28	22.24	24	0
5	16QAM	1	0	22.37	22.33	22.27	22.32		
5	16QAM	1	12	22.30	22.32	22.25	22.27		
5	16QAM	1	24	22.43	22.48	22.13	22.34		
5	16QAM	12	0	21.55	21.37	21.19	21.38	23	1
5	16QAM	12	7	21.57	21.58	21.12	21.55		
5	16QAM	12	13	21.33	21.40	21.40	21.39		
5	16QAM	25	0	21.57	21.38	21.16	21.53	23	1
5	64QAM	1	0	21.57	21.62	21.18	21.37		
5	64QAM	1	12	21.52	21.35	21.35	21.44		
5	64QAM	1	24	21.30	21.66	21.28	21.35		
5	64QAM	12	0	20.43	20.40	20.38	20.42	22	2
5	64QAM	12	7	20.53	20.56	20.34	20.33		
5	64QAM	12	13	20.31	20.60	20.29	20.49		
5	64QAM	25	0	20.38	20.32	20.24	20.31		
5	256QAM	1	0	18.34	18.55	18.29	18.27	20	4
5	256QAM	1	12	18.45	18.65	18.30	18.38		
5	256QAM	1	24	18.34	18.36	18.38	18.48		
5	256QAM	12	0	18.39	18.41	18.32	18.34	20	4
5	256QAM	12	7	18.50	18.64	18.28	18.41		
5	256QAM	12	13	18.32	18.49	18.34	18.35		
5	256QAM	25	0	18.46	18.51	18.46	18.40		

Band 38

BW [MHz]	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	22.79	22.83	22.74	23.1	0
20	QPSK	1	49	22.64	22.78	22.70		
20	QPSK	1	99	22.66	22.77	22.57		
20	QPSK	50	0	21.83	21.94	21.82	23	0.1
20	QPSK	50	24	21.88	21.69	21.83		
20	QPSK	50	50	21.69	21.92	21.65		
20	QPSK	100	0	21.91	21.92	21.83		
20	16QAM	1	0	21.76	21.69	21.67	23	0.1
20	16QAM	1	49	21.69	21.83	21.68		
20	16QAM	1	99	21.68	21.77	21.69		
20	16QAM	50	0	20.80	20.91	20.85	22	1.1
20	16QAM	50	24	20.89	20.90	20.83		
20	16QAM	50	50	20.79	20.87	20.75		
20	16QAM	100	0	20.69	20.78	20.65		
20	64QAM	1	0	20.84	20.73	20.82	22	1.1
20	64QAM	1	49	20.74	20.94	20.86		
20	64QAM	1	99	20.66	20.91	20.73		
20	64QAM	50	0	19.83	19.86	19.86	21	2.1
20	64QAM	50	24	19.87	19.93	19.76		
20	64QAM	50	50	19.75	19.85	19.74		
20	64QAM	100	0	19.89	19.80	19.80		
20	256QAM	1	0	17.72	17.89	17.61	19	4.1
20	256QAM	1	49	17.73	17.74	17.85		
20	256QAM	1	99	17.92	17.74	17.80		
20	256QAM	50	0	17.76	17.92	17.64	19	4.1
20	256QAM	50	24	17.71	17.89	17.64		
20	256QAM	50	50	17.89	17.71	17.69		
20	256QAM	100	0	17.70	17.86	17.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.73	22.69	22.69	23.1	0
15	QPSK	1	37	22.48	22.68	22.68		
15	QPSK	1	74	22.62	22.75	22.41		
15	QPSK	36	0	21.68	21.80	21.74	23	0.1
15	QPSK	36	20	21.70	21.65	21.78		
15	QPSK	36	39	21.51	21.83	21.51		
15	QPSK	75	0	21.82	21.84	21.80		
15	16QAM	1	0	21.72	21.52	21.52	23	0.1
15	16QAM	1	37	21.53	21.68	21.56		
15	16QAM	1	74	21.56	21.67	21.55		
15	16QAM	36	0	20.66	20.88	20.71	22	1.1
15	16QAM	36	20	20.78	20.77	20.66		
15	16QAM	36	39	20.72	20.72	20.59		
15	16QAM	75	0	20.58	20.74	20.47		
15	64QAM	1	0	20.77	20.70	20.72	22	1.1
15	64QAM	1	37	20.64	20.82	20.80		
15	64QAM	1	74	20.61	20.83	20.61		
15	64QAM	36	0	19.74	19.76	19.76	21	2.1
15	64QAM	36	20	19.83	19.83	19.68		
15	64QAM	36	39	19.72	19.71	19.69		
15	64QAM	75	0	19.81	19.69	19.77		
15	256QAM	1	0	17.63	17.74	17.57	19	4.1
15	256QAM	1	37	17.56	17.64	17.80		
15	256QAM	1	74	17.82	17.62	17.65		
15	256QAM	36	0	17.66	17.87	17.62	19	4.1
15	256QAM	36	20	17.68	17.74	17.61		
15	256QAM	36	39	17.81	17.54	17.60		
15	256QAM	75	0	17.61	17.76	17.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.68	22.74	22.58	23.1	0
10	QPSK	1	25	22.60	22.69	22.66		
10	QPSK	1	49	22.60	22.63	22.44		
10	QPSK	25	0	21.70	21.89	21.64	23	0.1
10	QPSK	25	12	21.73	21.51	21.69		
10	QPSK	25	25	21.64	21.75	21.58		
10	QPSK	50	0	21.78	21.77	21.71		
10	16QAM	1	0	21.66	21.64	21.50	23	0.1
10	16QAM	1	25	21.60	21.80	21.62		
10	16QAM	1	49	21.63	21.62	21.57		
10	16QAM	25	0	20.70	20.86	20.80	22	1.1
10	16QAM	25	12	20.79	20.86	20.80		
10	16QAM	25	25	20.66	20.85	20.68		
10	16QAM	50	0	20.55	20.61	20.51		
10	64QAM	1	0	20.82	20.62	20.80	22	1.1
10	64QAM	1	25	20.71	20.81	20.74		
10	64QAM	1	49	20.58	20.89	20.68		
10	64QAM	25	0	19.68	19.84	19.84	21	2.1
10	64QAM	25	12	19.71	19.83	19.64		
10	64QAM	25	25	19.61	19.76	19.65		
10	64QAM	50	0	19.81	19.76	19.74		
10	256QAM	1	0	17.59	17.83	17.50	19	4.1
10	256QAM	1	25	17.59	17.70	17.73		
10	256QAM	1	49	17.86	17.67	17.67		
10	256QAM	25	0	17.61	17.89	17.56	19	4.1
10	256QAM	25	12	17.69	17.83	17.54		
10	256QAM	25	25	17.77	17.56	17.64		
10	256QAM	50	0	17.53	17.79	17.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.76	22.70	22.61	23.1	0
5	QPSK	1	12	22.55	22.65	22.55		
5	QPSK	1	24	22.54	22.72	22.48		
5	QPSK	12	0	21.77	21.90	21.79	23	0.1
5	QPSK	12	7	21.82	21.62	21.69		
5	QPSK	12	13	21.66	21.81	21.55		
5	QPSK	25	0	21.82	21.87	21.80		
5	16QAM	1	0	21.70	21.56	21.64	23	0.1
5	16QAM	1	12	21.52	21.68	21.57		
5	16QAM	1	24	21.51	21.68	21.57		
5	16QAM	12	0	20.66	20.84	20.80	22	1.1
5	16QAM	12	7	20.81	20.74	20.78		
5	16QAM	12	13	20.65	20.75	20.63		
5	16QAM	25	0	20.62	20.70	20.55		
5	64QAM	1	0	20.67	20.64	20.79	22	1.1
5	64QAM	1	12	20.69	20.84	20.81		
5	64QAM	1	24	20.52	20.88	20.58		
5	64QAM	12	0	19.71	19.76	19.74	21	2.1
5	64QAM	12	7	19.82	19.87	19.61		
5	64QAM	12	13	19.62	19.69	19.71		
5	64QAM	25	0	19.80	19.72	19.64		
5	256QAM	1	0	17.69	17.84	17.54	19	4.1
5	256QAM	1	12	17.65	17.59	17.71		
5	256QAM	1	24	17.79	17.61	17.76		
5	256QAM	12	0	17.60	17.89	17.49	19	4.1
5	256QAM	12	7	17.58	17.80	17.51		
5	256QAM	12	13	17.77	17.57	17.64		
5	256QAM	25	0	17.64	17.71	17.56		

Band 41

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	21.36	21.42	21.48	21.44	21.28	23	0
20	QPSK	1	49	21.24	21.31	21.44	21.31	21.18		
20	QPSK	1	99	21.24	21.39	21.33	21.32	21.10		
20	QPSK	50	0	20.29	20.40	20.53	20.50	20.14	22	1
20	QPSK	50	24	20.36	20.40	20.42	20.41	20.23		
20	QPSK	50	50	20.32	20.47	20.43	20.34	20.35		
20	QPSK	100	0	20.46	20.41	20.47	20.36	20.15		
20	16QAM	1	0	20.42	20.53	20.56	20.32	20.31	22	1
20	16QAM	1	49	20.36	20.29	20.40	20.41	20.37		
20	16QAM	1	99	20.43	20.35	20.40	20.37	20.24		
20	16QAM	50	0	19.24	19.34	19.50	19.50	19.21	21	2
20	16QAM	50	24	19.32	19.47	19.34	19.58	19.35		
20	16QAM	50	50	19.39	19.28	19.33	19.40	19.34		
20	16QAM	100	0	19.28	19.44	19.34	19.44	19.39		
20	64QAM	1	0	19.41	19.54	19.62	19.45	19.22	21	2
20	64QAM	1	49	19.40	19.56	19.61	19.39	19.15		
20	64QAM	1	99	19.43	19.43	19.50	19.51	19.31		
20	64QAM	50	0	18.39	18.38	18.58	18.44	18.39	20	3
20	64QAM	50	24	18.30	18.51	18.62	18.58	18.30		
20	64QAM	50	50	18.24	18.35	18.40	18.53	18.23		
20	64QAM	100	0	18.25	18.54	18.51	18.48	18.28		
20	256QAM	1	0	16.36	16.42	16.44	16.30	16.14	18	5
20	256QAM	1	49	16.50	16.50	16.42	16.43	16.24		
20	256QAM	1	99	16.40	16.41	16.59	16.53	16.22		
20	256QAM	50	0	16.41	16.40	16.54	16.55	16.18	18	5
20	256QAM	50	24	16.24	16.37	16.52	16.38	16.16		
20	256QAM	50	50	16.22	16.40	16.35	16.48	16.17		
20	256QAM	100	0	16.24	16.53	16.59	16.31	16.23		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.30	21.29	21.44	21.39	21.19	23	0
15	QPSK	1	37	21.13	21.15	21.36	21.28	21.04		
15	QPSK	1	74	21.13	21.21	21.30	21.20	21.03		
15	QPSK	36	0	20.13	20.27	20.43	20.37	20.03	22	1
15	QPSK	36	20	20.22	20.23	20.26	20.34	20.16		
15	QPSK	36	39	20.16	20.42	20.31	20.22	20.26		
15	QPSK	75	0	20.34	20.28	20.36	20.33	20.05		
15	16QAM	1	0	20.39	20.38	20.50	20.25	20.27	22	1
15	16QAM	1	37	20.32	20.18	20.33	20.28	20.32		
15	16QAM	1	74	20.39	20.30	20.36	20.30	20.14		
15	16QAM	36	0	19.20	19.22	19.47	19.45	19.04	21	2
15	16QAM	36	20	19.17	19.35	19.30	19.49	19.20		
15	16QAM	36	39	19.27	19.15	19.25	19.27	19.17		
15	16QAM	75	0	19.26	19.33	19.29	19.27	19.23		
15	64QAM	1	0	19.23	19.33	19.55	19.33	19.36	21	2
15	64QAM	1	37	19.38	19.37	19.44	19.57	19.26		
15	64QAM	1	74	19.29	19.39	19.35	19.41	19.28		
15	64QAM	36	0	18.29	18.34	18.50	18.42	18.32	20	3
15	64QAM	36	20	18.19	18.35	18.52	18.42	18.23		
15	64QAM	36	39	18.12	18.32	18.36	18.49	18.17		
15	64QAM	75	0	18.10	18.46	18.38	18.42	18.20		
15	256QAM	1	0	16.33	16.30	16.36	16.18	16.11	18	5
15	256QAM	1	37	16.37	16.41	16.32	16.38	16.18		
15	256QAM	1	74	16.26	16.38	16.50	16.40	16.16		
15	256QAM	36	0	16.38	16.31	16.42	16.38	16.06	18	5
15	256QAM	36	20	16.15	16.26	16.43	16.35	16.05		
15	256QAM	36	39	16.06	16.30	16.27	16.30	16.12		
15	256QAM	75	0	16.20	16.36	16.53	16.17	16.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.27	21.27	21.46	21.31	21.21	23	0
10	QPSK	1	25	21.16	21.22	21.38	21.19	21.15		
10	QPSK	1	49	21.11	21.26	21.18	21.18	21.07		
10	QPSK	25	0	20.21	20.33	20.36	20.44	20.03	22	1
10	QPSK	25	12	20.29	20.27	20.32	20.27	20.16		
10	QPSK	25	25	20.29	20.41	20.39	20.24	20.24		
10	QPSK	50	0	20.39	20.37	20.43	20.24	20.12		
10	16QAM	1	0	20.40	20.40	20.47	20.19	20.20	22	1
10	16QAM	1	25	20.31	20.26	20.23	20.26	20.24		
10	16QAM	1	49	20.40	20.29	20.24	20.25	20.09		
10	16QAM	25	0	19.07	19.20	19.38	19.48	19.05	21	2
10	16QAM	25	12	19.19	19.37	19.18	19.53	19.31		
10	16QAM	25	25	19.30	19.11	19.27	19.31	19.32		
10	16QAM	50	0	19.17	19.38	19.27	19.28	19.32		
10	64QAM	1	0	19.34	19.53	19.41	19.31	19.35	21	2
10	64QAM	1	25	19.42	19.50	19.33	19.33	19.23		
10	64QAM	1	49	19.29	19.48	19.53	19.57	19.29		
10	64QAM	25	0	18.37	18.32	18.50	18.36	18.24	20	3
10	64QAM	25	12	18.12	18.46	18.50	18.42	18.27		
10	64QAM	25	25	18.19	18.25	18.31	18.46	18.08		
10	64QAM	50	0	18.16	18.42	18.46	18.43	18.15		
10	256QAM	1	0	16.30	16.34	16.41	16.17	16.09	18	5
10	256QAM	1	25	16.45	16.37	16.36	16.28	16.10		
10	256QAM	1	49	16.23	16.37	16.54	16.43	16.05		
10	256QAM	25	0	16.30	16.24	16.36	16.47	16.05	18	5
10	256QAM	25	12	16.07	16.32	16.39	16.31	16.03		
10	256QAM	25	25	16.19	16.36	16.18	16.33	16.09		
10	256QAM	50	0	16.08	16.42	16.41	16.15	16.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.20	21.34	21.37	21.40	21.25	23	0
5	QPSK	1	12	21.18	21.22	21.29	21.26	21.03		
5	QPSK	1	24	21.17	21.29	21.18	21.28	21.26		
5	QPSK	12	0	20.23	20.23	20.40	20.42	20.02	22	1
5	QPSK	12	7	20.20	20.36	20.28	20.28	20.19		
5	QPSK	12	13	20.25	20.37	20.38	20.31	20.21		
5	QPSK	25	0	20.35	20.31	20.39	20.29	20.01		
5	16QAM	1	0	20.34	20.40	20.39	20.16	20.24	22	1
5	16QAM	1	12	20.21	20.21	20.26	20.34	20.28		
5	16QAM	1	24	20.30	20.18	20.37	20.26	20.15		
5	16QAM	12	0	19.09	19.18	19.46	19.34	19.09	21	2
5	16QAM	12	7	19.17	19.29	19.21	19.40	19.22		
5	16QAM	12	13	19.26	19.11	19.22	19.31	19.19		
5	16QAM	25	0	19.13	19.36	19.31	19.37	19.34		
5	64QAM	1	0	19.48	19.49	19.52	19.45	19.24	21	2
5	64QAM	1	12	19.46	19.49	19.38	19.50	19.28		
5	64QAM	1	24	19.34	19.31	19.34	19.43	19.20		
5	64QAM	12	0	18.30	18.27	18.46	18.37	18.30	20	3
5	64QAM	12	7	18.19	18.40	18.51	18.56	18.27		
5	64QAM	12	13	18.12	18.21	18.36	18.43	18.09		
5	64QAM	25	0	18.10	18.44	18.47	18.43	18.16		
5	256QAM	1	0	16.19	16.35	16.30	16.16	16.08	18	5
5	256QAM	1	12	16.43	16.41	16.26	16.35	16.09		
5	256QAM	1	24	16.34	16.32	16.45	16.47	16.07		
5	256QAM	12	0	16.34	16.23	16.40	16.42	16.09	18	5
5	256QAM	12	7	16.12	16.22	16.46	16.29	16.09		
5	256QAM	12	13	16.16	16.26	16.23	16.46	16.14		
5	256QAM	25	0	16.09	16.49	16.42	16.17	16.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.98	23.01	23.11	23.01	22.89	24.7	0
20	QPSK	1	49	22.89	22.88	23.08	22.87	22.78		
20	QPSK	1	99	22.89	23.02	22.90	22.92	22.72		
20	QPSK	50	0	22.93	22.96	23.09	22.99	22.85	24.7	0
20	QPSK	50	24	22.81	22.81	23.00	22.81	23.05		
20	QPSK	50	50	22.81	22.92	22.78	22.79	23.06		
20	QPSK	100	0	22.91	22.90	23.00	22.94	22.78		
20	16QAM	1	0	22.89	22.93	23.03	22.89	22.90	24.7	0
20	16QAM	1	49	22.86	22.78	23.05	22.73	22.87		
20	16QAM	1	99	22.77	22.97	22.79	22.87	22.94		
20	16QAM	50	0	22.53	22.48	22.49	22.45	22.88	24	0.7
20	16QAM	50	24	22.36	22.50	22.55	22.44	22.21		
20	16QAM	50	50	22.37	22.51	22.66	22.49	22.36		
20	16QAM	100	0	22.37	22.44	22.55	22.38	22.35		
20	64QAM	1	0	22.34	22.57	22.74	22.50	22.33	24	0.7
20	64QAM	1	49	22.38	22.44	22.64	22.56	22.44		
20	64QAM	1	99	22.52	22.50	22.54	22.39	22.30		
20	64QAM	50	0	21.37	21.43	21.75	21.48	21.47	23	1.7
20	64QAM	50	24	21.53	21.55	21.65	21.42	21.38		
20	64QAM	50	50	21.53	21.65	21.73	21.64	21.42		
20	64QAM	100	0	21.49	21.55	21.49	21.45	21.33		
20	256QAM	1	0	19.42	19.55	19.59	19.65	19.26	21	3.7
20	256QAM	1	49	19.33	19.62	19.60	19.37	19.45		
20	256QAM	1	99	19.48	19.66	19.69	19.59	19.46		
20	256QAM	50	0	19.44	19.48	19.53	19.55	19.22	21	3.7
20	256QAM	50	24	19.44	19.64	19.47	19.38	19.19		
20	256QAM	50	50	19.59	19.55	19.69	19.63	19.44		
20	256QAM	100	0	19.60	19.64	19.73	19.54	19.25		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.84	22.97	23.02	22.95	22.86	25	0
15	QPSK	1	37	22.82	22.79	22.98	22.74	22.96		
15	QPSK	1	74	22.78	22.96	22.77	22.84	23.03		
15	QPSK	36	0	22.87	22.84	22.90	22.91	22.75	24.7	0
15	QPSK	36	20	22.78	22.75	22.91	22.72	22.86		
15	QPSK	36	39	22.97	22.89	23.03	23.02	23.05		
15	QPSK	75	0	23.01	22.79	22.97	22.94	22.93		
15	16QAM	1	0	22.74	22.83	22.80	22.84	22.74	24.7	0
15	16QAM	1	37	22.88	22.71	22.93	22.93	22.87		
15	16QAM	1	74	22.89	22.92	22.93	22.95	22.92		
15	16QAM	36	0	22.96	22.44	22.98	22.98	22.94	24	0.7
15	16QAM	36	20	22.95	22.44	22.85	22.92	22.88		
15	16QAM	36	39	22.30	22.43	22.54	22.36	22.32		
15	16QAM	75	0	22.34	22.38	22.46	22.23	22.17		
15	64QAM	1	0	22.24	22.46	22.64	22.40	22.26	24	0.7
15	64QAM	1	37	22.27	22.42	22.54	22.43	22.27		
15	64QAM	1	74	22.45	22.35	22.38	22.21	22.19		
15	64QAM	36	0	21.27	21.37	21.64	21.32	21.39	23	1.7
15	64QAM	36	20	21.48	21.51	21.48	21.38	21.32		
15	64QAM	36	39	21.44	21.58	21.62	21.52	21.28		
15	64QAM	75	0	21.37	21.50	21.31	21.29	21.17		
15	256QAM	1	0	19.36	19.38	19.56	19.49	19.14	21	3.7
15	256QAM	1	37	19.25	19.50	19.49	19.22	19.40		
15	256QAM	1	74	19.46	19.52	19.58	19.52	19.37		
15	256QAM	36	0	19.33	19.42	19.43	19.50	19.20	21	3.7
15	256QAM	36	20	19.38	19.47	19.41	19.28	19.15		
15	256QAM	36	39	19.46	19.51	19.55	19.55	19.28		
15	256QAM	75	0	19.56	19.50	19.63	19.52	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.92	22.97	23.02	22.99	22.78	25	0
10	QPSK	1	25	22.78	22.82	23.04	22.78	22.97		
10	QPSK	1	49	22.80	22.98	22.78	22.85	23.03		
10	QPSK	25	0	23.04	22.85	23.02	23.00	23.05	24.7	0
10	QPSK	25	12	23.00	22.76	22.96	22.96	22.92		
10	QPSK	25	25	22.85	22.83	22.80	22.80	22.83		
10	QPSK	50	0	22.86	22.87	22.91	22.96	22.91		
10	16QAM	1	0	22.95	22.90	22.85	22.91	22.94	24.7	0
10	16QAM	1	25	22.96	22.70	22.94	23.01	22.98		
10	16QAM	1	49	22.88	22.88	22.91	22.89	22.84		
10	16QAM	25	0	22.50	22.35	22.35	22.32	22.14	24	0.7
10	16QAM	25	12	22.29	22.36	22.51	22.41	22.08		
10	16QAM	25	25	22.33	22.48	22.53	22.43	22.32		
10	16QAM	50	0	22.27	22.31	22.51	22.35	22.21		
10	64QAM	1	0	22.16	22.43	22.60	22.44	22.21	24	0.7
10	64QAM	1	25	22.32	22.34	22.53	22.46	22.40		
10	64QAM	1	49	22.35	22.37	22.37	22.30	22.22		
10	64QAM	25	0	21.24	21.27	21.69	21.41	21.40	23	1.7
10	64QAM	25	12	21.48	21.37	21.56	21.33	21.28		
10	64QAM	25	25	21.41	21.61	21.57	21.49	21.36		
10	64QAM	50	0	21.39	21.39	21.42	21.32	21.15		
10	256QAM	1	0	19.38	19.51	19.55	19.52	19.08	21	3.7
10	256QAM	1	25	19.15	19.51	19.51	19.28	19.41		
10	256QAM	1	49	19.44	19.51	19.58	19.57	19.30		
10	256QAM	25	0	19.57	19.68	19.74	19.38	19.42	21	3.7
10	256QAM	25	12	19.55	19.53	19.76	19.66	19.26		
10	256QAM	25	25	19.56	19.60	19.72	19.40	19.34		
10	256QAM	50	0	19.58	19.62	19.59	19.51	19.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.85	22.94	23.00	22.96	22.83	25	0
5	QPSK	1	12	23.00	23.05	23.04	23.06	22.96		
5	QPSK	1	24	22.92	23.03	22.92	22.94	22.99		
5	QPSK	12	0	23.01	23.00	23.01	23.05	23.02	24.7	0
5	QPSK	12	7	23.00	22.95	23.04	22.97	22.96		
5	QPSK	12	13	22.82	22.76	22.80	22.77	22.75		
5	QPSK	25	0	22.89	22.97	22.91	22.95	22.87		
5	16QAM	1	0	22.96	22.85	22.95	22.84	22.91	24.7	0
5	16QAM	1	12	22.94	22.97	22.97	22.98	23.01		
5	16QAM	1	24	22.94	22.86	22.89	22.87	22.88		
5	16QAM	12	0	22.38	22.41	22.64	22.63	22.28	24	0.7
5	16QAM	12	7	22.51	22.49	22.66	22.55	22.19		
5	16QAM	12	13	22.58	22.66	22.47	22.40	22.29		
5	16QAM	25	0	22.24	22.37	22.41	22.32	22.33		
5	64QAM	1	0	22.22	22.46	22.59	22.44	22.31	24	0.7
5	64QAM	1	12	22.32	22.39	22.58	22.43	22.39		
5	64QAM	1	24	22.45	22.46	22.49	22.22	22.13		
5	64QAM	12	0	21.34	21.39	21.72	21.34	21.30	23	1.7
5	64QAM	12	7	21.39	21.49	21.62	21.31	21.34		
5	64QAM	12	13	21.48	21.52	21.67	21.60	21.28		
5	64QAM	25	0	21.44	21.44	21.44	21.29	21.28		
5	256QAM	1	0	19.25	19.38	19.55	19.62	19.22	21	3.7
5	256QAM	1	12	19.20	19.52	19.43	19.29	19.36		
5	256QAM	1	24	19.44	19.56	19.62	19.48	19.44		
5	256QAM	12	0	19.42	19.30	19.46	19.39	19.19	21	3.7
5	256QAM	12	7	19.35	19.61	19.44	19.26	19.14		
5	256QAM	12	13	19.53	19.52	19.64	19.54	19.36		
5	256QAM	25	0	19.55	19.56	19.59	19.42	19.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.35	16.38	16.36	17.1	0
20	QPSK	1	49	16.22	16.20	16.27		
20	QPSK	1	99	16.15	16.23	16.35		
20	QPSK	50	0	16.28	16.37	16.15		
20	QPSK	50	24	16.26	16.18	16.23	17.1	0
20	QPSK	50	50	16.23	16.23	16.26		
20	QPSK	100	0	16.14	16.32	16.23		
20	16QAM	1	0	16.27	16.32	16.14		
20	16QAM	1	49	16.16	16.31	16.28	17.1	0
20	16QAM	1	99	16.15	16.22	16.15		
20	16QAM	50	0	16.22	16.29	16.20		
20	16QAM	50	24	16.28	16.21	16.30	17.1	0
20	16QAM	50	50	16.16	16.27	16.33		
20	16QAM	100	0	16.32	16.25	16.29		
20	64QAM	1	0	16.15	16.32	16.35		
20	64QAM	1	49	16.27	16.34	16.34	17.1	0
20	64QAM	1	99	16.31	16.33	16.12		
20	64QAM	50	0	16.27	16.36	16.26		
20	64QAM	50	24	16.21	16.17	16.27	17.1	0
20	64QAM	50	50	16.33	16.22	16.36		
20	64QAM	100	0	16.31	16.28	16.25		
20	256QAM	1	0	16.35	16.28	16.25		
20	256QAM	1	49	16.24	16.23	16.16	17.1	0
20	256QAM	1	99	16.20	16.18	16.28		
20	256QAM	50	0	16.31	16.27	16.29		
20	256QAM	50	24	16.33	16.29	16.19	17.1	0
20	256QAM	50	50	16.33	16.31	16.31		
20	256QAM	100	0	16.28	16.33	16.36		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.29	16.26	16.29	17.1	0
15	QPSK	1	37	16.11	16.15	16.19		
15	QPSK	1	74	16.05	16.17	16.25		
15	QPSK	36	0	16.15	16.25	16.04		
15	QPSK	36	20	16.13	16.11	16.19	17.1	0
15	QPSK	36	39	16.13	16.18	16.16		
15	QPSK	75	0	16.03	16.23	16.15		
15	16QAM	1	0	16.19	16.25	16.04		
15	16QAM	1	37	16.10	16.17	16.15	17.1	0
15	16QAM	1	74	16.05	16.17	16.10		
15	16QAM	36	0	16.08	16.25	16.16		
15	16QAM	36	20	16.24	16.10	16.23	17.1	0
15	16QAM	36	39	16.09	16.23	16.26		
15	16QAM	75	0	16.23	16.18	16.22		
15	64QAM	1	0	16.04	16.21	16.28		
15	64QAM	1	37	16.18	16.25	16.30	17.1	0
15	64QAM	1	74	16.24	16.20	16.02		
15	64QAM	36	0	16.15	16.24	16.12		
15	64QAM	36	20	16.11	16.06	16.19	17.1	0
15	64QAM	36	39	16.27	16.09	16.33		
15	64QAM	75	0	16.29	16.18	16.15		
15	256QAM	1	0	16.25	16.17	16.15		
15	256QAM	1	37	16.13	16.15	16.10	17.1	0
15	256QAM	1	74	16.11	16.14	16.23		
15	256QAM	36	0	16.21	16.17	16.24		
15	256QAM	36	20	16.22	16.21	16.07	17.1	0
15	256QAM	36	39	16.24	16.27	16.21		
15	256QAM	75	0	16.18	16.21	16.27		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.29	16.33	16.23	17.1	0
10	QPSK	1	25	16.10	16.13	16.22		
10	QPSK	1	49	16.13	16.17	16.26		
10	QPSK	25	0	16.15	16.34	16.11		
10	QPSK	25	12	16.14	16.08	16.10	17.1	0
10	QPSK	25	25	16.20	16.10	16.21		
10	QPSK	50	0	16.00	16.21	16.19		
10	16QAM	1	0	16.17	16.19	16.01		
10	16QAM	1	25	16.05	16.20	16.18	17.1	0
10	16QAM	1	49	16.03	16.16	16.08		
10	16QAM	25	0	16.19	16.24	16.16		
10	16QAM	25	12	16.20	16.10	16.19	17.1	0
10	16QAM	25	25	16.10	16.16	16.30		
10	16QAM	50	0	16.18	16.20	16.24		
10	64QAM	1	0	16.05	16.25	16.31		
10	64QAM	1	25	16.18	16.30	16.21	17.1	0
10	64QAM	1	49	16.17	16.23	16.01		
10	64QAM	25	0	16.19	16.33	16.17		
10	64QAM	25	12	16.07	16.15	16.21	17.1	0
10	64QAM	25	25	16.26	16.11	16.29		
10	64QAM	50	0	16.21	16.15	16.17		
10	256QAM	1	0	16.30	16.21	16.22		
10	256QAM	1	25	16.12	16.11	16.04	17.1	0
10	256QAM	1	49	16.12	16.04	16.18		
10	256QAM	25	0	16.25	16.14	16.22		
10	256QAM	25	12	16.24	16.21	16.08	17.1	0
10	256QAM	25	25	16.26	16.27	16.18		
10	256QAM	50	0	16.22	16.23	16.33		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.31	16.28	16.23	17.1	0
5	QPSK	1	12	16.08	16.11	16.15		
5	QPSK	1	24	16.10	16.11	16.26		
5	QPSK	12	0	16.19	16.29	16.02		
5	QPSK	12	7	16.18	16.07	16.21	17.1	0
5	QPSK	12	13	16.20	16.09	16.22		
5	QPSK	25	0	16.09	16.22	16.14		
5	16QAM	1	0	16.14	16.29	16.09		
5	16QAM	1	12	16.14	16.27	16.25	17.1	0
5	16QAM	1	24	16.10	16.15	16.11		
5	16QAM	12	0	16.19	16.20	16.11		
5	16QAM	12	7	16.22	16.14	16.18	17.1	0
5	16QAM	12	13	16.03	16.17	16.27		
5	16QAM	25	0	16.26	16.17	16.23		
5	64QAM	1	0	16.07	16.27	16.26		
5	64QAM	1	12	16.23	16.28	16.23	17.1	0
5	64QAM	1	24	16.22	16.19	16.00		
5	64QAM	12	0	16.18	16.33	16.12		
5	64QAM	12	7	16.18	16.03	16.17	17.1	0
5	64QAM	12	13	16.26	16.14	16.30		
5	64QAM	25	0	16.25	16.26	16.12		
5	256QAM	1	0	16.24	16.14	16.13		
5	256QAM	1	12	16.20	16.12	16.12	17.1	0
5	256QAM	1	24	16.09	16.12	16.19		
5	256QAM	12	0	16.19	16.24	16.23		
5	256QAM	12	7	16.22	16.19	16.13	17.1	0
5	256QAM	12	13	16.20	16.18	16.21		
5	256QAM	25	0	16.22	16.20	16.24		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	16.32	16.40	16.33	16.34	16.5	0
20	QPSK	1	49	16.18	16.30	16.16	16.19		
20	QPSK	1	99	16.26	16.35	16.21	16.24		
20	QPSK	50	0	16.22	16.37	16.13	16.14		
20	QPSK	50	24	16.23	16.36	16.28	16.28	16.5	0
20	QPSK	50	50	16.21	16.31	16.14	16.26		
20	QPSK	100	0	16.23	16.32	16.25	16.27		
20	16QAM	1	0	16.22	16.39	16.26	16.31		
20	16QAM	1	49	16.10	16.28	16.19	16.14	16.5	0
20	16QAM	1	99	16.23	16.32	16.27	16.15		
20	16QAM	50	0	16.22	16.31	16.26	16.21		
20	16QAM	50	24	16.24	16.27	16.17	16.20	16.5	0
20	16QAM	50	50	16.23	16.28	16.23	16.12		
20	16QAM	100	0	16.18	16.35	16.30	16.29		
20	64QAM	1	0	16.13	16.29	16.20	16.19		
20	64QAM	1	49	16.35	16.38	16.30	16.25	16.5	0
20	64QAM	1	99	16.13	16.27	16.10	16.19		
20	64QAM	50	0	16.15	16.33	16.19	16.26		
20	64QAM	50	24	16.23	16.35	16.33	16.34	16.5	0
20	64QAM	50	50	16.37	16.38	16.23	16.29		
20	64QAM	100	0	16.15	16.29	16.14	16.20		
20	256QAM	1	0	16.31	16.33	16.26	16.24		
20	256QAM	1	49	16.35	16.38	16.21	16.32	16.5	0
20	256QAM	1	99	16.27	16.30	16.26	16.18		
20	256QAM	50	0	16.25	16.35	16.33	16.25		
20	256QAM	50	24	16.38	16.35	16.24	16.34	16.5	0
20	256QAM	50	50	16.24	16.34	16.31	16.18		
20	256QAM	100	0	16.29	16.32	16.15	16.26		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	16.17	16.29	16.27	16.11	16.5	0
15	QPSK	1	37	16.14	16.21	16.00	16.07		
15	QPSK	1	74	16.08	16.31	16.10	16.22		
15	QPSK	36	0	16.19	16.13	15.96	16.02		
15	QPSK	36	20	16.18	16.25	16.18	16.21	16.5	0
15	QPSK	36	39	16.04	16.28	15.97	16.22		
15	QPSK	75	0	16.12	16.24	16.21	16.21		
15	16QAM	1	0	16.18	16.36	16.14	16.24		
15	16QAM	1	37	15.95	16.23	16.07	16.12	16.5	0
15	16QAM	1	74	16.08	16.21	16.24	16.05		
15	16QAM	36	0	16.09	16.23	16.17	16.06		
15	16QAM	36	20	16.09	16.25	16.09	16.10	16.5	0
15	16QAM	36	39	16.13	16.20	16.19	16.04		
15	16QAM	75	0	16.13	16.22	16.25	16.25		
15	64QAM	1	0	16.09	16.18	16.06	16.13		
15	64QAM	1	37	16.28	16.32	16.16	16.18	16.5	0
15	64QAM	1	74	16.02	16.17	15.97	16.10		
15	64QAM	36	0	16.11	16.25	16.07	16.09		
15	64QAM	36	20	16.15	16.34	16.29	16.22	16.5	0
15	64QAM	36	39	16.28	16.38	16.20	16.22		
15	64QAM	75	0	16.01	16.15	16.02	16.03		
15	256QAM	1	0	16.17	16.18	16.14	16.09		
15	256QAM	1	37	16.25	16.28	16.16	16.21	16.5	0
15	256QAM	1	74	16.23	16.16	16.16	16.13		
15	256QAM	36	0	16.16	16.32	16.28	16.11		
15	256QAM	36	20	16.32	16.32	16.09	16.30	16.5	0
15	256QAM	36	39	16.09	16.28	16.22	16.07		
15	256QAM	75	0	16.13	16.24	16.10	16.13		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	16.24	16.29	16.29	16.21	16.5	0
10	QPSK	1	25	16.04	16.16	16.09	16.17		
10	QPSK	1	49	16.10	16.21	16.07	16.16		
10	QPSK	25	0	16.14	16.20	16.02	16.02		
10	QPSK	25	12	16.08	16.22	16.15	16.25	16.5	0
10	QPSK	25	25	16.10	16.17	16.06	16.10		
10	QPSK	50	0	16.11	16.23	16.14	16.23		
10	16QAM	1	0	16.13	16.34	16.21	16.17		
10	16QAM	1	25	15.98	16.17	16.14	16.08	16.5	0
10	16QAM	1	49	16.15	16.20	16.13	15.98		
10	16QAM	25	0	16.19	16.17	16.11	16.14		
10	16QAM	25	12	16.17	16.25	16.07	16.17	16.5	0
10	16QAM	25	25	16.06	16.20	16.16	15.95		
10	16QAM	50	0	16.13	16.31	16.15	16.24		
10	64QAM	1	0	16.09	16.27	16.04	16.07		
10	64QAM	1	25	16.27	16.28	16.20	16.09	16.5	0
10	64QAM	1	49	16.10	16.11	15.99	16.12		
10	64QAM	25	0	16.01	16.31	16.06	16.19		
10	64QAM	25	12	16.12	16.24	16.17	16.21	16.5	0
10	64QAM	25	25	16.34	16.26	16.15	16.21		
10	64QAM	50	0	16.01	16.20	16.01	16.16		
10	256QAM	1	0	16.24	16.25	16.13	16.08		
10	256QAM	1	25	16.30	16.25	16.04	16.16	16.5	0
10	256QAM	1	49	16.20	16.21	16.11	16.00		
10	256QAM	25	0	16.17	16.26	16.23	16.14		
10	256QAM	25	12	16.25	16.24	16.20	16.30	16.5	0
10	256QAM	25	25	16.13	16.30	16.22	16.13		
10	256QAM	50	0	16.17	16.16	16.02	16.19		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3643	3697.5		
5	QPSK	1	0	16.18	16.29	16.29	16.12	16.5	0
5	QPSK	1	12	16.02	16.14	16.10	16.17		
5	QPSK	1	24	16.19	16.26	16.13	16.09		
5	QPSK	12	0	16.13	16.17	16.09	16.02		
5	QPSK	12	7	16.07	16.20	16.25	16.20	16.5	0
5	QPSK	12	13	16.11	16.13	16.07	16.20		
5	QPSK	25	0	16.08	16.22	16.14	16.25		
5	16QAM	1	0	16.07	16.34	16.19	16.25		
5	16QAM	1	12	15.97	16.12	16.17	15.99	16.5	0
5	16QAM	1	24	16.09	16.26	16.25	16.02		
5	16QAM	12	0	16.09	16.15	16.18	16.08		
5	16QAM	12	7	16.09	16.15	16.07	16.09	16.5	0
5	16QAM	12	13	16.19	16.16	16.17	16.08		
5	16QAM	25	0	16.05	16.23	16.25	16.19		
5	64QAM	1	0	16.09	16.18	16.06	16.12		
5	64QAM	1	12	16.30	16.22	16.13	16.18	16.5	0
5	64QAM	1	24	16.03	16.23	16.02	16.05		
5	64QAM	12	0	16.07	16.28	16.14	16.16		
5	64QAM	12	7	16.14	16.36	16.24	16.29	16.5	0
5	64QAM	12	13	16.28	16.30	16.10	16.15		
5	64QAM	25	0	16.05	16.23	16.03	16.03		
5	256QAM	1	0	16.29	16.24	16.20	16.13		
5	256QAM	1	12	16.27	16.33	16.13	16.15	16.5	0
5	256QAM	1	24	16.17	16.19	16.10	16.05		
5	256QAM	12	0	16.17	16.20	16.28	16.20		
5	256QAM	12	7	16.28	16.26	16.21	16.31	16.5	0
5	256QAM	12	13	16.21	16.19	16.25	16.07		
5	256QAM	25	0	16.18	16.28	16.12	16.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	15.92	15.95	15.86		
20	QPSK	1	49	15.87	15.90	15.87	17.3	0
20	QPSK	1	99	15.86	15.83	15.93		
20	QPSK	50	0	15.78	15.94	15.85		
20	QPSK	50	24	15.90	15.92	15.87	17.3	0
20	QPSK	50	50	15.78	15.90	15.83		
20	QPSK	100	0	15.80	15.91	15.80		
20	16QAM	1	0	15.93	15.80	15.91		
20	16QAM	1	49	15.86	15.78	15.79	17.3	0
20	16QAM	1	99	15.81	15.86	15.92		
20	16QAM	50	0	15.92	15.91	15.90		
20	16QAM	50	24	15.78	15.87	15.78	17.3	0
20	16QAM	50	50	15.82	15.82	15.91		
20	16QAM	100	0	15.84	15.93	15.92		
20	64QAM	1	0	15.78	15.87	15.90		
20	64QAM	1	49	15.83	15.90	15.86	17.3	0
20	64QAM	1	99	15.91	15.91	15.82		
20	64QAM	50	0	15.93	15.87	15.86		
20	64QAM	50	24	15.92	15.85	15.83	17.3	0
20	64QAM	50	50	15.80	15.92	15.91		
20	64QAM	100	0	15.80	15.91	15.92		
20	256QAM	1	0	15.83	15.80	15.86		
20	256QAM	1	49	15.80	15.85	15.81	17.3	0
20	256QAM	1	99	15.80	15.80	15.92		
20	256QAM	50	0	15.84	15.81	15.81		
20	256QAM	50	24	15.85	15.79	15.85	17.3	0
20	256QAM	50	50	15.84	15.80	15.88		
20	256QAM	100	0	15.80	15.84	15.86		
Channel				42165	42590	43015	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500	3542.5	(dBm)	(dB)
15	QPSK	1	0	15.86	15.90	15.73		
15	QPSK	1	37	15.77	15.77	15.84	17.3	0
15	QPSK	1	74	15.75	15.67	15.79		
15	QPSK	36	0	15.69	15.76	15.71		
15	QPSK	36	20	15.77	15.87	15.69	17.3	0
15	QPSK	36	39	15.63	15.74	15.74		
15	QPSK	75	0	15.68	15.87	15.62		
15	16QAM	1	0	15.80	15.72	15.75		
15	16QAM	1	37	15.74	15.71	15.70	17.3	0
15	16QAM	1	74	15.66	15.84	15.77		
15	16QAM	36	0	15.84	15.78	15.79		
15	16QAM	36	20	15.72	15.75	15.73	17.3	0
15	16QAM	36	39	15.72	15.70	15.74		
15	16QAM	75	0	15.77	15.76	15.89		
15	64QAM	1	0	15.69	15.81	15.82		
15	64QAM	1	37	15.74	15.79	15.81	17.3	0
15	64QAM	1	74	15.79	15.73	15.72		
15	64QAM	36	0	15.81	15.73	15.69		
15	64QAM	36	20	15.77	15.70	15.75	17.3	0
15	64QAM	36	39	15.63	15.78	15.76		
15	64QAM	75	0	15.69	15.85	15.78		
15	256QAM	1	0	15.74	15.69	15.72		
15	256QAM	1	37	15.73	15.78	15.74	17.3	0
15	256QAM	1	74	15.64	15.66	15.80		
15	256QAM	36	0	15.78	15.70	15.65		
15	256QAM	36	20	15.79	15.75	15.79	17.3	0
15	256QAM	36	39	15.75	15.75	15.73		
15	256QAM	75	0	15.76	15.81	15.82		
Channel				42140	42590	43040	Tune-up limit	MPR
Frequency (MHz)				3455	3500	3545	(dBm)	(dB)
10	QPSK	1	0	15.83	15.88	15.72		
10	QPSK	1	25	15.78	15.74	15.81	17.3	0
10	QPSK	1	49	15.79	15.77	15.79		
10	QPSK	25	0	15.72	15.80	15.72		
10	QPSK	25	12	15.77	15.74	15.78	17.3	0
10	QPSK	25	25	15.65	15.85	15.68		
10	QPSK	50	0	15.63	15.83	15.76		
10	16QAM	1	0	15.82	15.64	15.82		
10	16QAM	1	25	15.74	15.66	15.76	17.3	0
10	16QAM	1	49	15.68	15.82	15.86		
10	16QAM	25	0	15.89	15.86	15.78		
10	16QAM	25	12	15.84	15.71	15.73	17.3	0
10	16QAM	25	25	15.71	15.72	15.77		
10	16QAM	50	0	15.81	15.89	15.84		
10	64QAM	1	0	15.66	15.78	15.73		
10	64QAM	1	25	15.74	15.74	15.80	17.3	0
10	64QAM	1	49	15.86	15.80	15.64		
10	64QAM	25	0	15.80	15.80	15.74		
10	64QAM	25	12	15.88	15.76	15.74	17.3	0
10	64QAM	25	25	15.75	15.83	15.87		
10	64QAM	50	0	15.87	15.79	15.76		
10	256QAM	1	0	15.73	15.67	15.77		
10	256QAM	1	25	15.77	15.83	15.72	17.3	0
10	256QAM	1	49	15.70	15.62	15.81		
10	256QAM	25	0	15.82	15.76	15.79		
10	256QAM	25	12	15.72	15.73	15.71	17.3	0
10	256QAM	25	25	15.80	15.69	15.83		
10	256QAM	50	0	15.65	15.76	15.80		
Channel				42115	42590	43065	Tune-up limit	MPR
Frequency (MHz)				3452.5	3500	3547.5	(dBm)	(dB)
5	QPSK	1	0	15.83	15.84	15.81		
5	QPSK	1	12	15.82	15.81	15.81	17.3	0
5	QPSK	1	24	15.83	15.68	15.76		
5	QPSK	12	0	15.75	15.84	15.83		
5	QPSK	12	7	15.84	15.85	15.75	17.3	0
5	QPSK	12	13	15.63	15.80	15.65		
5	QPSK	25	0	15.70	15.75	15.76		
5	16QAM	1	0	15.85	15.63	15.88		
5	16QAM	1	12	15.70	15.65	15.64	17.3	0
5	16QAM	1	24	15.70	15.80	15.77		
5	16QAM	12	0	15.87	15.84	15.74		
5	16QAM	12	7	15.66	15.80	15.61	17.3	0
5	16QAM	12	13	15.71	15.72	15.83		
5	16QAM	25	0	15.76	15.78	15.81		
5	64QAM	1	0	15.73	15.81	15.82		
5	64QAM	1	12	15.79	15.87	15.76	17.3	0
5	64QAM	1	24	15.77	15.81	15.67		
5	64QAM	12	0	15.82	15.83	15.72		
5	64QAM	12	7	15.83	15.67	15.80	17.3	0
5	64QAM	12	13	15.72	15.76	15.75		
5	64QAM	25	0	15.72	15.86	15.84		
5	256QAM	1	0	15.67	15.78	15.69		
5	256QAM	1	12	15.71	15.81	15.75	17.3	0
5	256QAM	1	24	15.69	15.63	15.89		
5	256QAM	12	0	15.71	15.63	15.72		
5	256QAM	12	7	15.75	15.67	15.74	17.3	0
5	256QAM	12	13	15.77	15.64	15.75		
5	256QAM	25	0	15.76	15.77	15.78		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3698		
20	QPSK	1	0	15.37	15.54	15.36	15.48		
20	QPSK	1	49	15.30	15.38	15.33	15.33	16.5	0
20	QPSK	1	99	15.09	15.27	15.24	15.13		
20	QPSK	50	0	15.20	15.41	15.29	15.23		
20	QPSK	50	24	15.31	15.38	15.33	15.27	16.5	0
20	QPSK	50	50	15.29	15.35	15.21	15.20		
20	QPSK	100	0	15.34	15.36	15.29	15.29		
20	16QAM	1	0	15.23	15.34	15.30	15.18		
20	16QAM	1	49	15.38	15.40	15.35	15.37	16.5	0
20	16QAM	1	99	15.23	15.40	15.30	15.36		
20	16QAM	50	0	15.30	15.20	15.28	15.42		
20	16QAM	50	24	15.21	15.26	15.20	15.26	16.5	0
20	16QAM	50	50	14.96	15.16	15.13	15.08		
20	16QAM	100	0	15.15	15.30	15.15	15.10		
20	64QAM	1	0	15.29	15.28	15.23	15.18		
20	64QAM	1	49	15.24	15.22	15.13	15.17	16.5	0
20	64QAM	1	99	15.31	15.52	15.32	15.38		
20	64QAM	50	0	15.29	15.43	15.23	15.37		
20	64QAM	50	24	15.26	15.48	15.22	15.35	16.5	0
20	64QAM	50	50	15.20	15.32	15.26	15.28		
20	64QAM	100	0	14.96	15.15	15.14	15.04		
20	256QAM	1	0	15.15	15.30	15.25	15.10		
20	256QAM	1	49	15.28	15.35	15.28	15.20	16.5	0
20	256QAM	1	99	15.23	15.25	15.11	15.07		
20	256QAM	50	0	15.32	15.31	15.23	15.18		
20	256QAM	50	24	15.20	15.23	15.27	15.08	16.5	0
20	256QAM	50	50	15.30	15.38	15.23	15.26		
20	256QAM	100	0	15.18	15.32	15.26	15.23		
Channel				55315	55820	56160	56665	Tune-up limit	MPR
Frequency (MHz)				3537.5	3608	3642	3692.5	(dBm)	(dB)
15	QPSK	1	0	15.26	15.44	15.28	15.34		
15	QPSK	1	37	15.14	15.25	15.21	15.24	16.5	0
15	QPSK	1	74	15.06	15.14	15.21	15.07		
15	QPSK	36	0	15.17	15.39	15.18	15.16		
15	QPSK	36	20	15.29	15.36	15.15	15.18	16.5	0
15	QPSK	36	39	15.19	15.22	15.17	15.11		
15	QPSK	75	0	15.29	15.19	15.27	15.24		
15	16QAM	1	0	15.14	15.21	15.14	15.06		
15	16QAM	1	37	15.29	15.31	15.30	15.31	16.5	0
15	16QAM	1	74	15.17	15.24	15.14	15.24		
15	16QAM	36	0	15.28	15.49	15.32	15.41		
15	16QAM	36	20	15.25	15.29	15.29	15.29	16.5	0
15	16QAM	36	39	15.01	15.20	15.13	15.09		
15	16QAM	75	0	15.18	15.31	15.16	15.16		
15	64QAM	1	0	15.18	15.34	15.19	15.23		
15	64QAM	1	37	15.16	15.29	15.11	15.07	16.5	0
15	64QAM	1	74	15.22	15.29	15.18	15.22		
15	64QAM	36	0	15.25	15.49	15.24	15.35		
15	64QAM	36	20	15.33	15.45	15.33	15.35	16.5	0
15	64QAM	36	39	15.16	15.35	15.27	15.28		
15	64QAM	75	0	14.96	15.19	15.15	15.01		
15	256QAM	1	0	15.14	15.30	15.17	15.14		
15	256QAM	1	37	15.28	15.30	15.20	15.15	16.5	0
15	256QAM	1	74	15.25	15.31	15.11	15.11		
15	256QAM	36	0	15.28	15.32	15.27	15.22		
15	256QAM	36	20	15.16	15.27	15.24	15.14	16.5	0
15	256QAM	36	39	15.31	15.29	15.31	15.35		
15	256QAM	75	0	15.12	15.29	15.20	15.30		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3535	3607.5	3642.5	3698	(dBm)	(dB)
10	QPSK	1	0	15.30	15.32	15.25	15.37		
10	QPSK	1	25	15.17	15.32	15.27	15.19	16.5	0
10	QPSK	1	49	14.98	15.17	15.20	15.03		
10	QPSK	25	0	15.12	15.34	15.21	15.17		
10	QPSK	25	12	15.20	15.28	15.31	15.16	16.5	0
10	QPSK	25	25	15.15	15.27	15.14	15.14		
10	QPSK	50	0	15.25	15.32	15.25	15.20		
10	16QAM	1	0	15.19	15.27	15.24	15.08		
10	16QAM	1	25	15.30	15.35	15.24	15.30	16.5	0
10	16QAM	1	49	15.14	15.30	15.17	15.34		
10	16QAM	25	0	15.28	15.41	15.28	15.45		
10	16QAM	25	12	15.21	15.29	15.29	15.24	16.5	0
10	16QAM	25	25	14.99	15.22	15.18	15.04		
10	16QAM	50	0	15.16	15.30	15.19	15.19		
10	64QAM	1	0	15.26	15.36	15.24	15.24		
10	64QAM	1	25	15.26	15.25	15.14	15.08	16.5	0
10	64QAM	1	49	15.30	15.22	15.17	15.19		
10	64QAM	25	0	15.10	15.31	15.16	15.12		
10	64QAM	25	12	15.33	15.45	15.25	15.35	16.5	0
10	64QAM	25	25	15.17	15.26	15.24	15.26		
10	64QAM	50	0	15.02	15.24	15.20	15.06		
10	256QAM	1	0	15.15	15.31	15.23	15.10		
10	256QAM	1	25	15.19	15.27	15.31	15.16	16.5	0
10	256QAM	1	49	15.24	15.32	15.10	15.14		
10	256QAM	25	0	15.24	15.32	15.21	15.22		
10	256QAM	25	12	15.17	15.22	15.26	15.05	16.5	0
10	256QAM	25	25	15.24	15.37	15.28	15.33		
10	256QAM	50	0	15.15	15.31	15.20	15.25		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3652.5	3607	3643	3697.5	(dBm)	(dB)
5	QPSK	1	0	15.31	15.52	15.20	15.37		
5	QPSK	1	12	15.23	15.35	15.17	15.26	16.5	0
5	QPSK	1	24	15.04	15.22	15.13	15.04		
5	QPSK	12	0	15.14	15.24	15.22	15.16		
5	QPSK	12	7	15.27	15.35	15.23	15.15	16.5	0
5	QPSK	12	13	15.27	15.18	15.13	15.03		
5	QPSK	25	0	15.30	15.28	15.16	15.13		
5	16QAM	1	0	15.10	15.19	15.23	15.09		
5	16QAM	1	12	15.22	15.23	15.22	15.28	16.5	0
5	16QAM	1	24	15.12	15.24	15.14	15.25		
5	16QAM	12	0	15.28	15.20	15.28	15.41		
5	16QAM	12	7	15.22	15.33	15.26	15.21	16.5	0
5	16QAM	12	13	14.97	15.23	15.16	15.05		
5	16QAM	25	0	15.15	15.33	15.25	15.18		
5	64QAM	1	0	15.18	15.34	15.22	15.13		
5	64QAM	1	12	15.17	15.22	15.10	15.17	16.5	0
5	64QAM	1	24	15.26	15.33	15.21	15.25		
5	64QAM	12	0	15.10	15.25	15.18	15.07		
5	64QAM	12	7	15.24	15.50	15.26	15.35	16.5	0
5	64QAM	12	13	15.18	15.32	15.28	15.30		
5	64QAM	25	0	14.99	15.24	15.15	15.01		
5	256QAM	1	0	15.14	15.39	15.25	15.17		
5	256QAM	1	12	15.20	15.30	15.24	15.14	16.5	0
5	256QAM	1	24	15.26	15.23	15.19	15.09		
5	256QAM	12	0	15.25	15.29	15.24	15.20		
5	256QAM	12	7	15.17	15.31	15.26	15.04	16.5	0
5	256QAM	12	13	15.27	15.35	15.22	15.24		
5	256QAM	25	0	15.13	15.30	15.19	15.28		

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.05	23.29	23.07	24	0
20	QPSK	1	49	23.03	23.23	23.03		
20	QPSK	1	99	23.01	23.24	23.01		
20	QPSK	50	0	23.01	23.16	23.05	24	0
20	QPSK	50	24	22.95	23.11	22.96		
20	QPSK	50	50	22.91	23.15	22.94		
20	QPSK	100	0	23.01	23.12	23.00		
20	16QAM	1	0	22.88	23.25	22.91	24	0
20	16QAM	1	49	22.92	23.26	23.03		
20	16QAM	1	99	22.95	23.11	23.04		
20	16QAM	50	0	21.95	22.40	22.09	23	1
20	16QAM	50	24	22.01	22.38	22.06		
20	16QAM	50	50	22.11	22.26	21.96		
20	16QAM	100	0	22.07	22.40	22.09		
20	64QAM	1	0	21.98	22.21	22.09	23	1
20	64QAM	1	49	22.02	22.41	21.97		
20	64QAM	1	99	22.16	22.17	22.16		
20	64QAM	50	0	21.05	21.24	21.01	22	2
20	64QAM	50	24	21.11	21.27	20.97		
20	64QAM	50	50	21.08	21.29	21.05		
20	64QAM	100	0	20.96	21.29	21.18		
20	256QAM	1	0	19.04	19.17	18.99	20	4
20	256QAM	1	49	18.95	19.35	19.11		
20	256QAM	1	99	19.16	19.19	19.01		
20	256QAM	50	0	19.10	19.23	18.97	20	4
20	256QAM	50	24	19.11	19.22	18.95		
20	256QAM	50	50	19.13	19.25	19.08		
20	256QAM	100	0	19.01	19.26	18.99		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.91	23.18	23.00	24	0
15	QPSK	1	37	22.95	23.18	22.90		
15	QPSK	1	74	22.88	23.09	22.92		
15	QPSK	36	0	22.98	23.05	22.93	24	0
15	QPSK	36	20	22.87	22.96	22.84		
15	QPSK	36	39	22.86	23.10	22.88		
15	QPSK	75	0	22.84	22.98	22.92		
15	16QAM	1	0	22.79	23.10	22.73	24	0
15	16QAM	1	37	22.84	23.12	22.95		
15	16QAM	1	74	22.92	22.98	22.96		
15	16QAM	36	0	21.93	22.28	21.94	23	1
15	16QAM	36	20	21.92	22.23	21.96		
15	16QAM	36	39	22.06	22.12	21.88		
15	16QAM	75	0	22.04	22.38	22.00		
15	64QAM	1	0	21.83	22.14	21.92	23	1
15	64QAM	1	37	21.93	22.32	21.92		
15	64QAM	1	74	22.13	22.09	22.06		
15	64QAM	36	0	20.88	21.11	20.93	22	2
15	64QAM	36	20	21.02	21.25	20.84		
15	64QAM	36	39	21.06	21.17	20.94		
15	64QAM	75	0	20.81	21.19	21.02		
15	256QAM	1	0	18.92	19.00	18.88	20	4
15	256QAM	1	37	18.80	19.22	19.03		
15	256QAM	1	74	19.14	19.13	18.89		
15	256QAM	36	0	18.98	19.07	18.92	20	4
15	256QAM	36	20	19.03	19.08	18.79		
15	256QAM	36	39	19.08	19.11	18.93		
15	256QAM	75	0	18.98	19.16	18.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.89	23.15	22.97	24	0
10	QPSK	1	25	22.89	23.08	22.94		
10	QPSK	1	49	22.97	23.06	22.98		
10	QPSK	25	0	22.96	23.00	22.99	24	0
10	QPSK	25	12	22.80	22.95	22.85		
10	QPSK	25	25	22.89	23.01	22.86		
10	QPSK	50	0	22.98	23.07	22.82		
10	16QAM	1	0	22.73	23.08	22.86	24	0
10	16QAM	1	25	22.77	23.14	22.92		
10	16QAM	1	49	22.77	23.02	22.91		
10	16QAM	25	0	21.85	22.33	22.06	23	1
10	16QAM	25	12	21.84	22.26	21.89		
10	16QAM	25	25	22.09	22.15	21.90		
10	16QAM	50	0	21.98	22.36	21.95		
10	64QAM	1	0	21.86	22.07	21.96	23	1
10	64QAM	1	25	21.98	22.36	21.95		
10	64QAM	1	49	22.05	22.10	22.02		
10	64QAM	25	0	21.00	21.16	20.98	22	2
10	64QAM	25	12	21.05	21.23	20.80		
10	64QAM	25	25	20.92	21.12	20.87		
10	64QAM	50	0	20.92	21.23	21.05		
10	256QAM	1	0	18.92	19.12	18.81	20	4
10	256QAM	1	25	18.88	19.30	19.00		
10	256QAM	1	49	19.06	19.14	18.90		
10	256QAM	25	0	19.00	19.05	18.83	20	4
10	256QAM	25	12	19.00	19.11	18.84		
10	256QAM	25	25	19.02	19.21	19.00		
10	256QAM	50	0	18.91	19.12	18.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.01	23.16	22.96	24	0
5	QPSK	1	12	22.98	23.13	22.88		
5	QPSK	1	24	22.90	23.12	22.95		
5	QPSK	12	0	22.99	23.04	22.98	24	0
5	QPSK	12	7	22.85	23.09	22.86		
5	QPSK	12	13	22.74	22.99	22.87		
5	QPSK	25	0	22.93	23.00	22.86		
5	16QAM	1	0	22.81	23.09	22.82	24	0
5	16QAM	1	12	22.75	23.22	23.00		
5	16QAM	1	24	22.79	23.05	23.01		
5	16QAM	12	0	21.79	22.24	22.04	23	1
5	16QAM	12	7	21.89	22.29	21.89		
5	16QAM	12	13	22.05	22.11	21.81		
5	16QAM	25	0	22.02	22.25	22.06		
5	64QAM	1	0	21.87	22.10	21.95	23	1
5	64QAM	1	12	21.90	22.25	21.87		
5	64QAM	1	24	22.11	22.12	22.05		
5	64QAM	12	0	20.89	21.08	20.83	22	2
5	64QAM	12	7	21.03	21.20	20.83		
5	64QAM	12	13	20.91	21.15	20.91		
5	64QAM	25	0	20.78	21.11	21.14		
5	256QAM	1	0	18.94	19.03	18.90	20	4
5	256QAM	1	12	18.80	19.24	19.01		
5	256QAM	1	24	19.04	19.15	18.87		
5	256QAM	12	0	19.05	19.18	18.92	20	4
5	256QAM	12	7	18.99	19.08	18.81		
5	256QAM	12	13	19.04	19.22	19.04		
5	256QAM	25	0	18.90	19.16	18.96		

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		23.18		24	0
10	QPSK	1	25		23.13			
10	QPSK	1	49		23.12			
10	QPSK	25	0		23.16		24	0
10	QPSK	25	12		23.11			
10	QPSK	25	25		23.08			
10	QPSK	50	0		23.15			
10	16QAM	1	0		23.16		24	0
10	16QAM	1	25		23.12			
10	16QAM	1	49		23.00			
10	16QAM	25	0		22.28		23	1
10	16QAM	25	12		22.16			
10	16QAM	25	25		22.17			
10	16QAM	50	0		22.15			
10	64QAM	1	0		22.21		23	1
10	64QAM	1	25		22.06			
10	64QAM	1	49		22.23			
10	64QAM	25	0		21.29		22	2
10	64QAM	25	12		21.26			
10	64QAM	25	25		21.09			
10	64QAM	50	0		21.18			
10	256QAM	1	0		19.09		20	4
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.20			
10	256QAM	25	0		19.28		20	4
10	256QAM	25	12		19.06			
10	256QAM	25	25		19.07			
10	256QAM	50	0		19.16			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	22.96	23.01	22.97	24	0
5	QPSK	1	12	22.82	22.95	22.85		
5	QPSK	1	24	22.91	22.98	22.93		
5	QPSK	12	0	22.91	23.10	22.98	24	0
5	QPSK	12	7	23.01	23.05	22.94		
5	QPSK	12	13	22.90	22.94	22.78		
5	QPSK	25	0	22.75	22.99	22.93		
5	16QAM	1	0	22.90	23.01	22.91	24	0
5	16QAM	1	12	22.82	23.06	22.91		
5	16QAM	1	24	22.97	22.96	22.76		
5	16QAM	12	0	21.98	22.24	21.94	23	1
5	16QAM	12	7	21.93	22.12	21.99		
5	16QAM	12	13	21.81	22.03	21.81		
5	16QAM	25	0	22.00	21.98	21.94		
5	64QAM	1	0	22.12	22.09	22.03	23	1
5	64QAM	1	12	21.80	21.93	21.96		
5	64QAM	1	24	21.87	22.18	21.98		
5	64QAM	12	0	21.01	21.22	20.87	22	2
5	64QAM	12	7	20.99	21.20	21.04		
5	64QAM	12	13	20.92	20.94	21.05		
5	64QAM	25	0	20.94	21.12	20.88		
5	256QAM	1	0	18.96	18.98	19.09	20	4
5	256QAM	1	12	18.98	18.99	18.92		
5	256QAM	1	24	18.94	19.03	19.12		
5	256QAM	12	0	18.88	19.19	18.86	20	4
5	256QAM	12	7	19.01	18.97	19.06		
5	256QAM	12	13	18.97	19.05	18.92		
5	256QAM	25	0	18.95	18.99	19.01		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.17	23.32	23.25	24	0
20	QPSK	1	49	23.05	23.22	23.07		
20	QPSK	1	99	23.15	23.20	23.22		
20	QPSK	50	0	23.12	23.29	23.19	24	0
20	QPSK	50	24	23.08	23.28	23.15		
20	QPSK	50	50	23.08	23.23	23.13		
20	QPSK	100	0	23.09	23.18	23.08		
20	16QAM	1	0	23.01	23.15	23.10	24	0
20	16QAM	1	49	23.02	23.23	23.19		
20	16QAM	1	99	23.12	23.24	23.16		
20	16QAM	50	0	22.25	22.28	22.36	23	1
20	16QAM	50	24	22.13	22.32	22.36		
20	16QAM	50	50	22.19	22.26	22.34		
20	16QAM	100	0	22.21	22.29	22.13		
20	64QAM	1	0	22.23	22.36	22.32	23	1
20	64QAM	1	49	22.24	22.29	22.24		
20	64QAM	1	99	22.18	22.27	22.17		
20	64QAM	50	0	21.22	21.24	21.33	22	2
20	64QAM	50	24	21.22	21.27	21.32		
20	64QAM	50	50	21.15	21.41	21.17		
20	64QAM	100	0	21.18	21.36	21.15		
20	256QAM	1	0	19.24	19.30	19.34	20	4
20	256QAM	1	49	19.19	19.25	19.21		
20	256QAM	1	99	19.18	19.40	19.27		
20	256QAM	50	0	19.10	19.27	19.23	20	4
20	256QAM	50	24	19.16	19.26	19.28		
20	256QAM	50	50	19.07	19.42	19.27		
20	256QAM	100	0	19.07	19.31	19.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.10	23.19	23.12	24	0
15	QPSK	1	37	23.02	23.07	23.01		
15	QPSK	1	74	23.06	23.09	23.07		
15	QPSK	36	0	23.10	23.16	23.16	24	0
15	QPSK	36	20	23.01	23.25	23.04		
15	QPSK	36	39	23.06	23.10	23.06		
15	QPSK	75	0	22.96	23.14	22.91		
15	16QAM	1	0	22.92	23.06	23.06	24	0
15	16QAM	1	37	22.96	23.05	23.01		
15	16QAM	1	74	23.04	23.15	22.99		
15	16QAM	36	0	22.22	22.21	22.20	23	1
15	16QAM	36	20	21.97	22.24	22.26		
15	16QAM	36	39	22.16	22.12	22.31		
15	16QAM	75	0	22.10	22.16	22.03		
15	64QAM	1	0	22.06	22.29	22.27	23	1
15	64QAM	1	37	22.13	22.11	22.11		
15	64QAM	1	74	22.14	22.09	22.00		
15	64QAM	36	0	21.17	21.17	21.22	22	2
15	64QAM	36	20	21.17	21.23	21.30		
15	64QAM	36	39	21.08	21.30	21.11		
15	64QAM	75	0	21.10	21.32	21.02		
15	256QAM	1	0	19.10	19.12	19.32	20	4
15	256QAM	1	37	19.04	19.13	19.10		
15	256QAM	1	74	19.11	19.26	19.21		
15	256QAM	36	0	19.03	19.11	19.12	20	4
15	256QAM	36	20	19.06	19.19	19.18		
15	256QAM	36	39	19.04	19.28	19.24		
15	256QAM	75	0	19.02	19.15	19.13		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.12	23.22	23.22	24	0
10	QPSK	1	25	22.89	23.13	23.00		
10	QPSK	1	49	23.01	23.16	23.09		
10	QPSK	25	0	23.09	23.25	23.10	24	0
10	QPSK	25	12	22.91	23.26	23.08		
10	QPSK	25	25	23.01	23.15	23.06		
10	QPSK	50	0	23.04	23.11	23.01		
10	16QAM	1	0	22.90	23.04	23.03	24	0
10	16QAM	1	25	22.94	23.21	23.03		
10	16QAM	1	49	23.05	23.15	23.13		
10	16QAM	25	0	22.13	22.16	22.30	23	1
10	16QAM	25	12	22.01	22.18	22.25		
10	16QAM	25	25	22.11	22.20	22.24		
10	16QAM	50	0	22.12	22.20	22.04		
10	64QAM	1	0	22.05	22.29	22.19	23	1
10	64QAM	1	25	22.09	22.12	22.09		
10	64QAM	1	49	22.02	22.21	22.01		
10	64QAM	25	0	21.08	21.20	21.17	22	2
10	64QAM	25	12	21.14	21.17	21.28		
10	64QAM	25	25	21.10	21.32	21.06		
10	64QAM	50	0	21.05	21.19	21.03		
10	256QAM	1	0	19.07	19.13	19.24	20	4
10	256QAM	1	25	19.02	19.13	19.11		
10	256QAM	1	49	19.08	19.34	19.23		
10	256QAM	25	0	19.01	19.17	19.08	20	4
10	256QAM	25	12	19.06	19.16	19.25		
10	256QAM	25	25	18.92	19.29	19.14		
10	256QAM	50	0	19.03	19.22	19.08		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.14	23.30	23.10	24	0
5	QPSK	1	12	22.97	23.09	22.98		
5	QPSK	1	24	23.12	23.06	23.12		
5	QPSK	12	0	22.98	23.25	23.16	24	0
5	QPSK	12	7	22.95	23.12	23.09		
5	QPSK	12	13	22.94	23.18	22.95		
5	QPSK	25	0	22.95	23.05	23.03		
5	16QAM	1	0	22.95	23.03	23.07	24	0
5	16QAM	1	12	22.97	23.20	23.03		
5	16QAM	1	24	23.03	23.16	23.04		
5	16QAM	12	0	22.18	22.11	22.24	23	1
5	16QAM	12	7	22.11	22.29	22.26		
5	16QAM	12	13	22.05	22.16	22.18		
5	16QAM	25	0	22.10	22.14	21.98		
5	64QAM	1	0	22.09	22.22	22.20	23	1
5	64QAM	1	12	22.07	22.18	22.12		
5	64QAM	1	24	22.09	22.12	22.07		
5	64QAM	12	0	21.19	21.19	21.22	22	2
5	64QAM	12	7	21.05	21.23	21.19		
5	64QAM	12	13	21.10	21.27	21.01		
5	64QAM	25	0	21.14	21.30	21.12		
5	256QAM	1	0	19.07	19.21	19.22	20	4
5	256QAM	1	12	19.11	19.09	19.04		
5	256QAM	1	24	19.11	19.26	19.21		
5	256QAM	12	0	19.06	19.13	19.09	20	4
5	256QAM	12	7	19.02	19.16	19.12		
5	256QAM	12	13	19.01	19.31	19.22		
5	256QAM	25	0	18.92	19.22	19.09		

Band 41

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	22.96	22.93	23.12	23.06	22.88	24	0
20	QPSK	1	49	22.92	22.82	23.07	23.03	22.75		
20	QPSK	1	99	22.83	22.78	22.94	22.96	22.76		
20	QPSK	50	0	22.88	22.78	23.10	22.98	22.70	24	0
20	QPSK	50	24	22.88	22.84	23.05	23.04	22.74		
20	QPSK	50	50	22.86	22.89	23.09	22.90	22.73		
20	QPSK	100	0	22.92	22.82	23.05	22.98	22.77		
20	16QAM	1	0	22.88	22.90	23.02	22.96	22.73	24	0
20	16QAM	1	49	22.86	22.91	23.01	22.88	22.75		
20	16QAM	1	99	22.90	22.80	23.05	22.98	22.71		
20	16QAM	50	0	21.94	21.95	22.10	22.09	21.88	23	1
20	16QAM	50	24	22.00	21.94	22.04	22.01	21.81		
20	16QAM	50	50	21.92	21.85	22.24	22.03	21.87		
20	16QAM	100	0	22.01	21.93	22.00	22.11	21.77		
20	64QAM	1	0	21.85	21.92	22.01	22.16	21.84	23	1
20	64QAM	1	49	21.87	21.87	22.00	22.08	21.76		
20	64QAM	1	99	21.91	22.05	22.13	22.02	21.78		
20	64QAM	50	0	21.05	20.97	21.10	20.96	20.83	22	2
20	64QAM	50	24	21.01	21.03	21.19	21.03	20.78		
20	64QAM	50	50	20.86	20.84	21.11	21.07	20.99		
20	64QAM	100	0	20.86	20.96	21.12	21.01	20.83		
20	256QAM	1	0	19.01	19.02	19.04	19.15	18.90	20	4
20	256QAM	1	49	18.96	18.91	19.04	18.95	18.94		
20	256QAM	1	99	18.90	18.83	19.19	18.95	18.79		
20	256QAM	50	0	19.05	18.96	19.03	18.99	18.97	20	4
20	256QAM	50	24	18.97	18.89	19.19	19.01	18.97		
20	256QAM	50	50	19.01	18.93	19.22	19.14	18.90		
20	256QAM	100	0	19.00	19.04	19.12	19.03	18.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.86	22.88	23.01	22.93	22.83	24	0
15	QPSK	1	37	22.76	22.66	23.01	22.87	22.57		
15	QPSK	1	74	22.77	22.69	22.80	22.90	22.65		
15	QPSK	36	0	22.76	22.74	22.93	22.94	22.52	24	0
15	QPSK	36	20	22.74	22.79	23.00	22.90	22.70		
15	QPSK	36	39	22.82	22.74	22.94	22.84	22.55		
15	QPSK	75	0	22.78	22.71	23.00	22.91	22.63		
15	16QAM	1	0	22.77	22.85	22.87	22.88	22.67	24	0
15	16QAM	1	37	22.76	22.84	22.98	22.77	22.58		
15	16QAM	1	74	22.81	22.69	22.94	22.92	22.62		
15	16QAM	36	0	21.78	21.79	22.01	21.93	21.80	23	1
15	16QAM	36	20	21.92	21.86	21.87	21.97	21.76		
15	16QAM	36	39	21.76	21.73	22.07	21.86	21.84		
15	16QAM	75	0	21.93	21.82	21.96	21.99	21.70		
15	64QAM	1	0	21.72	21.82	21.99	22.14	21.82	23	1
15	64QAM	1	37	21.85	21.83	21.95	22.04	21.69		
15	64QAM	1	74	21.77	22.02	21.97	21.94	21.73		
15	64QAM	36	0	20.93	20.85	21.04	20.90	20.74	22	2
15	64QAM	36	20	20.88	20.93	21.05	21.01	20.66		
15	64QAM	36	39	20.74	20.68	21.05	20.94	20.91		
15	64QAM	75	0	20.68	20.87	21.08	20.98	20.73		
15	256QAM	1	0	18.88	18.86	19.02	19.05	18.75	20	4
15	256QAM	1	37	18.79	18.84	18.89	18.92	18.83		
15	256QAM	1	74	18.77	18.73	19.12	18.90	18.71		
15	256QAM	36	0	18.99	18.80	18.87	18.90	18.88	20	4
15	256QAM	36	20	18.91	18.84	19.08	18.87	18.94		
15	256QAM	36	39	18.83	18.81	19.14	18.97	18.80		
15	256QAM	75	0	18.86	18.95	18.98	18.92	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	22.82	22.90	23.04	22.88	22.77	24	0
10	QPSK	1	25	22.79	22.69	22.97	22.96	22.64		
10	QPSK	1	49	22.69	22.76	22.82	22.81	22.62		
10	QPSK	25	0	22.73	22.71	22.95	22.82	22.62	24	0
10	QPSK	25	12	22.79	22.72	23.01	22.96	22.67		
10	QPSK	25	25	22.79	22.79	22.93	22.73	22.68		
10	QPSK	50	0	22.83	22.68	22.92	22.90	22.65		
10	16QAM	1	0	22.76	22.84	22.89	22.86	22.67	24	0
10	16QAM	1	25	22.75	22.86	22.91	22.82	22.62		
10	16QAM	1	49	22.85	22.66	23.02	22.90	22.57		
10	16QAM	25	0	21.77	21.79	21.94	21.93	21.72	23	1
10	16QAM	25	12	21.84	21.80	21.86	21.92	21.78		
10	16QAM	25	25	21.89	21.75	22.06	21.86	21.84		
10	16QAM	50	0	21.89	21.78	21.82	22.00	21.66		
10	64QAM	1	0	21.73	21.75	21.93	22.09	21.67	23	1
10	64QAM	1	25	21.84	21.80	21.89	21.98	21.64		
10	64QAM	1	49	21.83	21.96	21.98	21.98	21.61		
10	64QAM	25	0	20.94	20.95	21.04	20.92	20.67	22	2
10	64QAM	25	12	20.88	20.99	21.14	20.98	20.66		
10	64QAM	25	25	20.70	20.80	20.99	20.94	20.88		
10	64QAM	50	0	20.71	20.81	21.02	20.89	20.70		
10	256QAM	1	0	18.88	18.99	19.00	19.01	18.81	20	4
10	256QAM	1	25	18.88	18.78	18.91	18.83	18.78		
10	256QAM	1	49	18.75	18.77	19.07	18.87	18.72		
10	256QAM	25	0	18.91	18.84	18.88	18.84	18.82	20	4
10	256QAM	25	12	18.89	18.81	19.05	18.84	18.81		
10	256QAM	25	25	18.86	18.77	19.18	18.97	18.87		
10	256QAM	50	0	18.92	18.88	18.98	18.93	18.69		
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	22.86	22.85	23.02	22.95	22.77	24	0
5	QPSK	1	12	22.90	22.78	22.98	22.97	22.68		
5	QPSK	1	24	22.74	22.61	22.91	22.84	22.70		
5	QPSK	12	0	22.83	22.70	22.97	22.86	22.59	24	0
5	QPSK	12	7	22.86	22.67	23.01	23.02	22.63		
5	QPSK	12	13	22.79	22.77	22.92	22.86	22.63		
5	QPSK	25	0	22.86	22.77	22.96	22.83	22.62		
5	16QAM	1	0	22.85	22.87	22.98	22.90	22.70	24	0
5	16QAM	1	12	22.75	22.87	22.84	22.76	22.62		
5	16QAM	1	24	22.75	22.65	23.03	22.82	22.53		
5	16QAM	12	0	21.87	21.84	21.92	21.97	21.72	23	1
5	16QAM	12	7	21.83	21.84	21.89	21.90	21.78		
5	16QAM	12	13	21.79	21.72	22.13	21.86	21.84		
5	16QAM	25	0	21.99	21.84	21.83	21.96	21.69		
5	64QAM	1	0	21.80	21.86	21.84	22.06	21.78	23	1
5	64QAM	1	12	21.70	21.74	21.95	22.05	21.62		
5	64QAM	1	24	21.82	21.90	21.95	22.00	21.69		
5	64QAM	12	0	20.89	20.88	21.07	20.90	20.72	22	2
5	64QAM	12	7	20.95	20.86	21.04	20.94	20.61		
5	64QAM	12	13	20.75	20.77	21.07	20.96	20.87		
5	64QAM	25	0	20.76	20.81	21.06	20.86	20.77		
5	256QAM	1	0	18.92	18.89	18.93	18.99	18.84	20	4
5	256QAM	1	12	18.88	18.78	19.01	18.88	18.84		
5	256QAM	1	24	18.85	18.69	19.06	18.88	18.62		
5	256QAM	12	0	18.93	18.89	18.98	18.85	18.88	20	4
5	256QAM	12	7	18.81	18.80	19.14	18.93	18.90		
5	256QAM	12	13	18.93	18.82	19.17	19.06	18.77		
5	256QAM	25	0	18.97	18.89	19.05	18.94	18.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	26.10	26.12	26.14	26.05	25.96	27	0
20	QPSK	1	49	26.04	25.98	26.09	25.95	25.82		
20	QPSK	1	99	26.07	26.05	26.10	26.02	25.79		
20	QPSK	50	0	26.02	25.96	26.08	25.96	25.85	27	0
20	QPSK	50	24	25.92	26.07	26.06	26.01	25.82		
20	QPSK	50	50	25.98	25.98	25.98	26.01	25.83		
20	QPSK	100	0	25.97	26.04	26.05	25.92	25.93		
20	16QAM	1	0	26.06	26.07	26.09	25.87	25.90	27	0
20	16QAM	1	49	25.97	25.95	26.12	25.95	25.91		
20	16QAM	1	99	25.96	26.03	26.00	25.96	25.79		
20	16QAM	50	0	25.05	25.02	25.15	24.95	24.99	26	1
20	16QAM	50	24	25.01	25.02	25.08	25.05	24.90		
20	16QAM	50	50	25.12	25.09	25.02	24.98	24.97		
20	16QAM	100	0	25.16	25.12	25.22	25.11	25.00		
20	64QAM	1	0	25.05	25.17	25.20	25.12	24.84	26	1
20	64QAM	1	49	25.20	25.06	25.11	25.10	24.90		
20	64QAM	1	99	25.04	25.13	25.18	25.03	25.01		
20	64QAM	50	0	24.00	24.23	24.12	24.00	24.07	25	2
20	64QAM	50	24	24.02	24.11	24.04	24.06	23.87		
20	64QAM	50	50	24.08	24.01	24.22	23.95	23.94		
20	64QAM	100	0	24.15	24.17	24.10	24.12	23.91		
20	256QAM	1	0	22.01	22.11	22.06	21.96	21.87	23	4
20	256QAM	1	49	22.19	22.13	22.25	21.97	21.95		
20	256QAM	1	99	22.06	22.09	22.09	22.09	22.08		
20	256QAM	50	0	22.02	22.12	22.16	22.09	22.04	23	4
20	256QAM	50	24	22.08	22.24	22.23	21.96	22.06		
20	256QAM	50	50	22.21	22.15	22.16	22.11	21.87		
20	256QAM	100	0	22.06	22.03	22.04	22.16	22.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	25.98	26.02	25.98	25.96	25.89	27	0
15	QPSK	1	37	25.95	25.92	25.95	25.77	25.69		
15	QPSK	1	74	26.01	25.95	26.07	25.94	25.63		
15	QPSK	36	0	25.92	25.87	25.96	25.82	25.70	27	0
15	QPSK	36	20	25.76	25.92	26.03	25.86	25.79		
15	QPSK	36	39	25.90	25.86	25.88	25.92	25.79		
15	QPSK	75	0	25.93	25.92	25.91	25.83	25.81		
15	16QAM	1	0	26.01	26.04	25.97	25.78	25.77	27	0
15	16QAM	1	37	25.79	25.86	26.06	25.84	25.85		
15	16QAM	1	74	25.90	25.92	25.90	25.92	25.65		
15	16QAM	36	0	24.94	24.86	25.02	24.90	24.87	26	1
15	16QAM	36	20	24.92	24.85	25.04	25.00	24.79		
15	16QAM	36	39	24.95	24.91	24.92	24.83	24.80		
15	16QAM	75	0	25.07	25.05	25.09	24.96	24.97		
15	64QAM	1	0	24.95	25.05	25.05	25.06	24.67	26	1
15	64QAM	1	37	25.11	25.01	24.95	25.07	24.76		
15	64QAM	1	74	24.92	25.02	25.07	24.85	24.94		
15	64QAM	36	0	23.88	24.16	24.02	23.94	23.95	25	2
15	64QAM	36	20	23.98	24.07	24.01	24.00	23.74		
15	64QAM	36	39	23.98	23.96	24.15	23.92	23.78		
15	64QAM	75	0	24.05	24.09	24.03	23.96	23.81		
15	256QAM	1	0	21.96	22.03	21.91	21.91	21.71	23	4
15	256QAM	1	37	22.14	22.10	22.10	21.90	21.77		
15	256QAM	1	74	22.04	22.05	21.97	22.02	21.92		
15	256QAM	36	0	21.96	22.03	22.08	21.95	21.94	23	4
15	256QAM	36	20	21.90	22.09	22.16	21.90	22.02		
15	256QAM	36	39	22.18	22.03	22.12	22.05	21.72		
15	256QAM	75	0	22.01	21.91	21.91	21.99	21.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	26.04	26.06	25.96	26.00	25.86	27	0
10	QPSK	1	25	25.94	25.85	25.97	25.91	25.69		
10	QPSK	1	49	25.90	25.96	25.94	25.89	25.73		
10	QPSK	25	0	25.84	25.92	25.94	25.82	25.73	27	0
10	QPSK	25	12	25.75	26.03	25.98	25.84	25.67		
10	QPSK	25	25	25.91	25.90	25.90	25.92	25.79		
10	QPSK	50	0	25.91	25.90	25.96	25.83	25.84		
10	16QAM	1	0	25.88	26.04	26.01	25.83	25.84	27	0
10	16QAM	1	25	25.85	25.84	26.09	25.80	25.81		
10	16QAM	1	49	25.89	26.00	25.84	25.86	25.68		
10	16QAM	25	0	24.97	24.93	25.02	24.90	24.86	26	1
10	16QAM	25	12	24.85	24.85	24.98	25.02	24.79		
10	16QAM	25	25	25.03	24.99	24.89	24.89	24.90		
10	16QAM	50	0	25.11	24.97	25.04	25.02	24.89		
10	64QAM	1	0	25.00	25.15	25.14	24.96	24.76	26	1
10	64QAM	1	25	25.16	24.97	25.07	25.00	24.82		
10	64QAM	1	49	24.93	24.95	25.12	24.97	24.94		
10	64QAM	25	0	23.92	24.16	23.95	23.95	23.97	25	2
10	64QAM	25	12	23.93	23.96	23.96	24.00	23.78		
10	64QAM	25	25	23.91	23.83	24.10	23.91	23.89		
10	64QAM	50	0	24.02	24.06	23.94	23.97	23.82		
10	256QAM	1	0	21.89	21.95	21.91	21.89	21.84	23	4
10	256QAM	1	25	22.09	22.03	22.21	21.83	21.79		
10	256QAM	1	49	21.90	22.02	22.01	22.00	21.98		
10	256QAM	25	0	21.94	22.05	22.09	21.98	21.94	23	4
10	256QAM	25	12	22.00	22.18	22.11	21.91	22.02		
10	256QAM	25	25	22.09	22.08	22.12	22.02	21.84		
10	256QAM	50	0	22.00	21.90	21.93	22.00	21.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	25.99	26.01	26.10	25.97	25.86	27	0
5	QPSK	1	12	25.86	25.90	25.95	25.87	25.66		
5	QPSK	1	24	25.91	26.02	25.94	25.95	25.63		
5	QPSK	12	0	25.86	25.94	25.94	25.91	25.77	27	0
5	QPSK	12	7	25.89	25.96	26.03	25.83	25.74		
5	QPSK	12	13	25.83	25.80	25.91	25.93	25.71		
5	QPSK	25	0	25.91	25.86	25.99	25.88	25.83		
5	16QAM	1	0	26.03	25.96	25.93	25.79	25.87	27	0
5	16QAM	1	12	25.81	25.91	26.04	25.89	25.78		
5	16QAM	1	24	25.84	25.98	25.85	25.93	25.76		
5	16QAM	12	0	24.89	24.94	25.13	24.82	24.86	26	1
5	16QAM	12	7	24.91	24.88	25.04	24.96	24.79		
5	16QAM	12	13	25.07	24.97	24.94	24.96	24.80		
5	16QAM	25	0	25.13	24.98	25.20	24.96	24.95		
5	64QAM	1	0	24.89	25.08	25.09	24.94	24.81	26	1
5	64QAM	1	12	25.02	25.00	25.06	25.03	24.78		
5	64QAM	1	24	25.02	24.99	25.16	24.93	24.94		
5	64QAM	12	0	23.94	24.08	23.96	23.84	24.00	25	2
5	64QAM	12	7	23.86	24.05	23.90	24.00	23.80		
5	64QAM	12	13	24.05	23.94	24.11	23.79	23.83		
5	64QAM	25	0	24.05	24.06	24.04	24.03	23.83		
5	256QAM	1	0	21.94	22.07	21.90	21.82	21.83	23	4
5	256QAM	1	12	22.05	22.08	22.16	21.87	21.79		
5	256QAM	1	24	22.01	21.96	21.98	21.99	22.03		
5	256QAM	12	0	21.96	22.10	22.01	22.00	22.00	23	4
5	256QAM	12	7	21.99	22.11	22.09	21.84	21.89		
5	256QAM	12	13	22.09	22.10	22.00	21.96	21.85		
5	256QAM	25	0	21.96	22.00	22.01	22.01	21.92		

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BW [MHz]	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	24.79	24.83	24.73	25	0
20	QPSK	1	49	24.69	24.75	24.69		
20	QPSK	1	99	24.77	24.80	24.68		
20	QPSK	50	0	23.88	23.93	23.82	24	1
20	QPSK	50	24	23.72	23.77	23.78		
20	QPSK	50	50	23.85	23.77	23.80		
20	QPSK	100	0	23.85	23.86	23.76		
20	16QAM	1	0	23.80	23.89	23.65	24	1
20	16QAM	1	49	23.85	23.88	23.70		
20	16QAM	1	99	23.75	23.88	23.61		
20	16QAM	50	0	22.80	22.92	22.84	23	2
20	16QAM	50	24	22.68	22.90	22.80		
20	16QAM	50	50	22.88	22.73	22.70		
20	16QAM	100	0	22.84	22.91	22.69		
20	64QAM	1	0	22.88	22.89	22.69	23	2
20	64QAM	1	49	22.85	22.82	22.75		
20	64QAM	1	99	22.89	22.81	22.77		
20	64QAM	50	0	21.70	21.81	21.82	22	3
20	64QAM	50	24	21.74	21.73	21.64		
20	64QAM	50	50	21.76	21.72	21.73		
20	64QAM	100	0	21.69	21.82	21.80		
20	256QAM	1	0	19.77	19.86	19.67	20	5
20	256QAM	1	49	19.79	19.95	19.64		
20	256QAM	1	99	19.81	19.89	19.70		
20	256QAM	50	0	19.83	19.83	19.64	20	5
20	256QAM	50	24	19.72	19.82	19.76		
20	256QAM	50	50	19.71	19.86	19.72		
20	256QAM	100	0	19.69	19.85	19.82		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.77	24.74	24.63	25	0
15	QPSK	1	37	24.51	24.61	24.67		
15	QPSK	1	74	24.66	24.65	24.56		
15	QPSK	36	0	23.77	23.83	23.77	24	1
15	QPSK	36	20	23.65	23.62	23.65		
15	QPSK	36	39	23.76	23.64	23.73		
15	QPSK	75	0	23.82	23.72	23.73		
15	16QAM	1	0	23.66	23.75	23.50	24	1
15	16QAM	1	37	23.78	23.76	23.59		
15	16QAM	1	74	23.72	23.74	23.53		
15	16QAM	36	0	22.76	22.86	22.76	23	2
15	16QAM	36	20	22.53	22.76	22.76		
15	16QAM	36	39	22.77	22.63	22.63		
15	16QAM	75	0	22.69	22.77	22.56		
15	64QAM	1	0	22.71	22.73	22.66	23	2
15	64QAM	1	37	22.77	22.72	22.59		
15	64QAM	1	74	22.84	22.63	22.65		
15	64QAM	36	0	21.62	21.68	21.79	22	3
15	64QAM	36	20	21.56	21.65	21.53		
15	64QAM	36	39	21.71	21.55	21.66		
15	64QAM	75	0	21.52	21.69	21.75		
15	256QAM	1	0	19.65	19.72	19.53	20	5
15	256QAM	1	37	19.76	19.82	19.52		
15	256QAM	1	74	19.72	19.74	19.57		
15	256QAM	36	0	19.69	19.71	19.57	20	5
15	256QAM	36	20	19.61	19.65	19.63		
15	256QAM	36	39	19.61	19.64	19.57		
15	256QAM	75	0	19.59	19.71	19.78		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.62	24.71	24.63	25	0
10	QPSK	1	25	24.61	24.70	24.54		
10	QPSK	1	49	24.67	24.68	24.54		
10	QPSK	25	0	23.80	23.82	23.80	24	1
10	QPSK	25	12	23.65	23.67	23.69		
10	QPSK	25	25	23.72	23.65	23.72		
10	QPSK	50	0	23.72	23.83	23.70		
10	16QAM	1	0	23.63	23.83	23.53	24	1
10	16QAM	1	25	23.71	23.86	23.60		
10	16QAM	1	49	23.70	23.80	23.48		
10	16QAM	25	0	22.77	22.88	22.79	23	2
10	16QAM	25	12	22.59	22.87	22.66		
10	16QAM	25	25	22.71	22.59	22.66		
10	16QAM	50	0	22.79	22.88	22.65		
10	64QAM	1	0	22.74	22.72	22.66	23	2
10	64QAM	1	25	22.73	22.70	22.66		
10	64QAM	1	49	22.76	22.66	22.71		
10	64QAM	25	0	21.66	21.65	21.64	22	3
10	64QAM	25	12	21.69	21.70	21.54		
10	64QAM	25	25	21.74	21.60	21.59		
10	64QAM	50	0	21.63	21.67	21.67		
10	256QAM	1	0	19.63	19.72	19.56	20	5
10	256QAM	1	25	19.68	19.80	19.46		
10	256QAM	1	49	19.72	19.78	19.57		
10	256QAM	25	0	19.73	19.73	19.46	20	5
10	256QAM	25	12	19.68	19.73	19.65		
10	256QAM	25	25	19.68	19.73	19.58		
10	256QAM	50	0	19.58	19.73	19.70		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.72	24.71	24.56	25	0
5	QPSK	1	12	24.54	24.63	24.61		
5	QPSK	1	24	24.71	24.63	24.65		
5	QPSK	12	0	23.79	23.81	23.72	24	1
5	QPSK	12	7	23.63	23.56	23.71		
5	QPSK	12	13	23.72	23.64	23.72		
5	QPSK	25	0	23.75	23.69	23.64		
5	16QAM	1	0	23.72	23.86	23.48	24	1
5	16QAM	1	12	23.81	23.72	23.62		
5	16QAM	1	24	23.64	23.78	23.53		
5	16QAM	12	0	22.71	22.80	22.67	23	2
5	16QAM	12	7	22.56	22.78	22.69		
5	16QAM	12	13	22.84	22.70	22.59		
5	16QAM	25	0	22.81	22.78	22.65		
5	64QAM	1	0	22.74	22.83	22.58	23	2
5	64QAM	1	12	22.75	22.65	22.70		
5	64QAM	1	24	22.78	22.64	22.66		
5	64QAM	12	0	21.55	21.69	21.78	22	3
5	64QAM	12	7	21.67	21.58	21.62		
5	64QAM	12	13	21.70	21.55	21.60		
5	64QAM	25	0	21.54	21.75	21.74		
5	256QAM	1	0	19.69	19.82	19.50	20	5
5	256QAM	1	12	19.65	19.87	19.53		
5	256QAM	1	24	19.68	19.75	19.54		
5	256QAM	12	0	19.81	19.75	19.58	20	5
5	256QAM	12	7	19.67	19.76	19.63		
5	256QAM	12	13	19.64	19.70	19.68		
5	256QAM	25	0	19.66	19.81	19.70		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
5	QPSK	1	0	23.04	23.28	22.94	22.89	24	0
5	QPSK	1	49	22.95	23.16	22.84	22.88		
5	QPSK	1	99	22.86	23.11	22.90	22.79		
5	QPSK	50	0	22.97	23.25	22.89	22.91	24	0
5	QPSK	50	24	22.91	23.20	22.89	22.95		
5	QPSK	50	50	22.96	23.18	22.87	22.83		
5	QPSK	100	0	23.05	23.24	22.90	22.87		
5	16QAM	1	0	23.00	23.22	22.84	22.75	24	0
5	16QAM	1	49	22.88	23.17	22.83	22.79		
5	16QAM	1	99	22.87	23.07	22.93	22.95		
5	16QAM	50	0	21.99	22.23	21.86	21.94	23	1
5	16QAM	50	24	22.13	22.20	21.84	21.97		
5	16QAM	50	50	22.01	22.21	21.86	21.97		
5	16QAM	100	0	22.10	22.14	21.83	21.92		
5	64QAM	1	0	21.90	22.22	22.03	22.02	23	1
5	64QAM	1	49	22.12	22.34	22.04	21.86		
5	64QAM	1	99	21.90	22.24	21.88	21.86		
5	64QAM	50	0	20.98	21.29	20.97	20.89	22	2
5	64QAM	50	24	20.90	21.22	21.00	20.98		
5	64QAM	50	50	20.94	21.16	20.89	20.90		
5	64QAM	100	0	21.09	21.38	21.00	21.02		
5	256QAM	1	0	18.99	19.17	19.07	18.91	20	4
5	256QAM	1	49	18.91	19.36	18.96	18.95		
5	256QAM	1	99	18.89	19.34	18.99	19.05		
5	256QAM	50	0	19.14	19.31	18.92	19.01	20	4
5	256QAM	50	24	19.08	19.38	19.02	18.90		
5	256QAM	50	50	18.97	19.38	18.92	18.92		
5	256QAM	100	0	19.08	19.23	18.97	19.10		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.96	23.21	22.85	22.79	24	0
15	QPSK	1	37	22.87	23.11	22.79	22.78		
15	QPSK	1	74	22.81	23.02	22.85	22.87		
15	QPSK	36	0	22.85	23.14	22.77	22.84	24	0
15	QPSK	36	20	22.81	23.12	22.78	22.84		
15	QPSK	36	39	22.90	23.09	22.80	22.71		
15	QPSK	75	0	22.93	23.20	22.79	22.83		
15	16QAM	1	0	22.95	23.10	22.80	22.64	24	0
15	16QAM	1	37	22.78	23.06	22.74	22.74		
15	16QAM	1	74	22.76	22.99	22.84	22.86		
15	16QAM	36	0	21.89	22.17	21.75	21.89	23	1
15	16QAM	36	20	22.05	22.12	21.73	21.86		
15	16QAM	36	39	21.93	22.15	21.78	21.90		
15	16QAM	75	0	22.00	22.09	21.78	21.85		
15	64QAM	1	0	21.84	22.16	21.94	21.94	23	1
15	64QAM	1	37	22.01	22.30	21.98	21.92		
15	64QAM	1	74	21.95	22.12	21.99	21.95		
15	64QAM	36	0	20.92	21.24	20.90	20.85	22	2
15	64QAM	36	20	20.81	21.14	20.95	20.91		
15	64QAM	36	39	20.88	21.05	20.83	20.80		
15	64QAM	75	0	20.98	21.31	20.91	20.83		
15	256QAM	1	0	18.88	19.07	19.01	18.99	20	4
15	256QAM	1	37	18.80	19.28	18.95	18.89		
15	256QAM	1	74	18.95	19.30	18.92	18.95		
15	256QAM	36	0	19.05	19.24	18.81	18.93	20	4
15	256QAM	36	20	19.03	19.28	18.97	18.81		
15	256QAM	36	39	18.91	19.31	18.81	18.83		
15	256QAM	75	0	18.96	19.19	18.91	19.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.92	23.20	22.85	22.84	24	0
10	QPSK	1	25	22.91	23.07	22.74	22.75		
10	QPSK	1	49	22.76	23.02	22.78	22.73		
10	QPSK	25	0	22.85	23.18	22.82	22.80	24	0
10	QPSK	25	12	22.82	23.15	22.84	22.85		
10	QPSK	25	25	22.89	23.07	22.83	22.76		
10	QPSK	50	0	22.99	23.13	22.82	22.82		
10	16QAM	1	0	22.92	23.12	22.78	22.66	24	0
10	16QAM	1	25	22.78	23.07	22.74	22.69		
10	16QAM	1	49	22.76	22.99	22.88	22.84		
10	16QAM	25	0	21.91	22.12	21.79	21.86	23	1
10	16QAM	25	12	22.07	22.10	21.72	21.85		
10	16QAM	25	25	21.92	22.11	21.77	21.91		
10	16QAM	50	0	22.02	22.06	21.76	21.81		
10	64QAM	1	0	21.79	22.12	21.93	21.92	23	1
10	64QAM	1	25	22.06	22.23	21.92	21.79		
10	64QAM	1	49	21.82	22.17	21.80	21.79		
10	64QAM	25	0	20.87	21.25	20.88	20.80	22	2
10	64QAM	25	12	20.79	21.13	20.95	20.91		
10	64QAM	25	25	20.83	21.05	20.83	20.82		
10	64QAM	50	0	21.04	21.33	20.90	20.95		
10	256QAM	1	0	18.92	19.13	18.95	18.85	20	4
10	256QAM	1	25	18.82	19.28	18.87	18.86		
10	256QAM	1	49	18.83	19.28	18.92	18.94		
10	256QAM	25	0	19.03	19.22	18.86	18.92	20	4
10	256QAM	25	12	18.99	19.27	18.98	18.81		
10	256QAM	25	25	18.85	19.28	18.84	18.88		
10	256QAM	50	0	18.99	19.13	18.90	19.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.97	23.22	22.89	22.84	24	0
5	QPSK	1	12	22.91	23.10	22.89	22.78		
5	QPSK	1	24	22.79	23.06	22.83	22.80		
5	QPSK	12	0	22.89	23.14	22.81	22.84	24	0
5	QPSK	12	7	22.84	23.11	22.80	22.68		
5	QPSK	12	13	22.87	23.07	22.82	22.78		
5	QPSK	25	0	23.00	23.19	22.79	22.82		
5	16QAM	1	0	22.92	23.13	22.78	22.68	24	0
5	16QAM	1	12	22.81	23.10	22.79	22.67		
5	16QAM	1	24	22.77	22.99	22.84	22.83		
5	16QAM	12	0	21.92	22.15	21.82	21.88	23	1
5	16QAM	12	7	22.02	22.10	21.75	21.85		
5	16QAM	12	13	21.94	22.17	21.78	21.88		
5	16QAM	25	0	22.02	22.02	21.76	21.88	23	1
5	64QAM	1	0	21.79	22.12	21.97	21.91		
5	64QAM	1	12	22.02	22.28	21.93	21.89		
5	64QAM	1	24	21.78	22.14	21.79	21.81		
5	64QAM	12	0	20.92	21.22	20.90	20.82	22	2
5	64QAM	12	7	20.79	21.11	20.94	20.87		
5	64QAM	12	13	20.87	21.11	20.83	20.82		
5	64QAM	25	0	20.98	21.28	20.90	20.95		
5	256QAM	1	0	18.90	19.09	18.96	18.86	20	4
5	256QAM	1	12	18.83	19.28	18.88	18.87		
5	256QAM	1	24	18.85	19.27	18.94	18.95		
5	256QAM	12	0	19.08	19.22	18.95	18.89	20	4
5	256QAM	12	7	18.98	19.33	18.93	18.95		
5	256QAM	12	13	18.95	19.28	18.93	18.88		
5	256QAM	25	0	19.01	19.14	18.87	18.98		

Reduced Power Mode for DSI 3

GSM850	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	30.93	30.97	31.23	32.50	21.93	21.97	22.23	23.50
GPRS 1 Tx slot	30.84	30.88	31.13	32.50	21.84	21.88	22.13	23.50
GPRS 2 Tx slots	28.42	28.44	28.46	29.50	22.42	22.44	22.46	23.50
GPRS 3 Tx slots	26.74	26.82	26.96	27.50	22.48	22.56	22.70	23.24
GPRS 4 Tx slots	25.25	25.17	25.45	26.50	22.25	22.17	22.45	23.50
EDGE 1 Tx slot	24.47	24.51	24.44	25.50	15.47	15.51	15.44	16.50
EDGE 2 Tx slots	23.13	23.35	23.31	24.50	17.13	17.35	17.31	18.50
EDGE 3 Tx slots	21.31	21.77	21.78	23.00	17.05	17.51	17.52	18.74
EDGE 4 Tx slots	19.79	19.74	19.72	21.00	16.79	16.74	16.72	18.00

GSM1900	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	25.51	25.65	25.48	26.70	16.51	16.65	16.48	17.70
GPRS 1 Tx slot	25.43	25.57	25.37	26.70	16.43	16.57	16.37	17.70
GPRS 2 Tx slots	22.55	22.43	22.38	23.70	16.55	16.43	16.38	17.70
GPRS 3 Tx slots	21.06	21.14	21.21	21.90	16.80	16.88	16.95	17.64
GPRS 4 Tx slots	19.53	19.66	19.49	20.70	16.53	16.66	16.49	17.70
EDGE 1 Tx slot	23.29	23.37	23.35	24.50	14.29	14.37	14.35	15.50
EDGE 2 Tx slots	22.42	22.19	22.30	23.50	16.42	16.19	16.30	17.50
EDGE 3 Tx slots	20.49	20.87	20.80	21.90	16.23	16.61	16.54	17.64
EDGE 4 Tx slots	18.56	18.84	18.85	20.00	15.56	15.84	15.85	17.00

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.20	16.34	16.43	17.70	18.42	18.29	18.46	19.20	22.90	22.96	22.86	24.00
3GPP Rel 99	RMC 12.2Kbps	16.36	16.53	16.39	17.70	18.51	18.54	18.53	19.20	23.01	23.03	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	15.23	15.40	15.60	16.70	17.48	17.56	17.56	18.20	22.00	21.88	21.94	23.00
3GPP Rel 6	HSDPA Subtest-2	15.35	15.45	15.45	16.70	17.45	17.39	17.59	18.20	22.06	22.09	22.04	23.00
3GPP Rel 6	HSDPA Subtest-3	14.66	14.92	14.86	16.20	16.91	17.01	17.00	17.70	21.48	21.47	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	14.67	15.02	14.95	16.20	16.79	16.99	17.12	17.70	21.62	21.62	21.60	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.40	15.51	15.52	16.70	17.30	17.72	17.44	18.20	21.90	22.11	22.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.26	15.47	15.38	16.70	17.56	17.46	17.57	18.20	22.02	21.94	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	14.91	15.01	15.09	16.20	17.15	17.06	16.97	17.70	21.48	21.39	21.42	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	14.98	15.05	14.91	16.20	16.92	16.96	17.07	17.70	21.46	21.39	21.46	22.50
3GPP Rel 6	HSUPA Subtest-1	15.25	15.50	15.50	16.70	17.45	17.61	17.53	18.20	21.95	21.97	21.86	23.00
3GPP Rel 6	HSUPA Subtest-2	13.22	13.43	13.55	14.70	15.51	15.49	15.64	16.20	20.15	20.16	20.11	21.00
3GPP Rel 6	HSUPA Subtest-3	14.39	14.43	14.44	15.70	16.42	16.50	16.69	17.20	21.14	21.02	20.97	22.00
3GPP Rel 6	HSUPA Subtest-4	13.30	13.37	13.41	14.70	15.35	15.53	15.60	16.20	20.14	20.14	19.95	21.00
3GPP Rel 6	HSUPA Subtest-5	15.45	15.59	15.45	16.70	17.45	17.47	17.63	18.20	22.00	21.91	21.99	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.84	12.94	12.95	14.20	15.03	15.23	15.03	15.70	19.53	19.43	19.36	20.50

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.45	16.59	16.50	17.2	0
20	QPSK	1	49	16.42	16.39	16.54		
20	QPSK	1	99	16.40	16.54	16.45		
20	QPSK	50	0	16.49	16.54	16.41	17.2	0
20	QPSK	50	24	16.49	16.40	16.43		
20	QPSK	50	50	16.49	16.52	16.47		
20	QPSK	100	0	16.40	16.53	16.41		
20	16QAM	1	0	16.40	16.42	16.47	17.2	0
20	16QAM	1	49	16.55	16.40	16.53		
20	16QAM	1	99	16.48	16.46	16.46		
20	16QAM	50	0	16.49	16.53	16.51	17.2	0
20	16QAM	50	24	16.54	16.39	16.50		
20	16QAM	50	50	16.43	16.53	16.44		
20	16QAM	100	0	16.53	16.51	16.42		
20	64QAM	1	0	16.54	16.50	16.44	17.2	0
20	64QAM	1	49	16.45	16.53	16.45		
20	64QAM	1	99	16.50	16.42	16.48		
20	64QAM	50	0	16.42	16.51	16.48	17.2	0
20	64QAM	50	24	16.40	16.47	16.45		
20	64QAM	50	50	16.44	16.49	16.44		
20	64QAM	100	0	16.54	16.46	16.43		
20	256QAM	1	0	16.40	16.46	16.43	17.2	0
20	256QAM	1	49	16.43	16.54	16.45		
20	256QAM	1	99	16.47	16.49	16.53		
20	256QAM	50	0	16.40	16.44	16.39	17.2	0
20	256QAM	50	24	16.53	16.49	16.54		
20	256QAM	50	50	16.40	16.40	16.48		
20	256QAM	100	0	16.44	16.46	16.52		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.30	16.51	16.46	17.2	0
15	QPSK	1	37	16.35	16.27	16.39		
15	QPSK	1	74	16.31	16.41	16.40		
15	QPSK	36	0	16.44	16.49	16.35	17.2	0
15	QPSK	36	20	16.41	16.28	16.37		
15	QPSK	36	39	16.35	16.37	16.36		
15	QPSK	75	0	16.31	16.39	16.33		
15	16QAM	1	0	16.27	16.39	16.35	17.2	0
15	16QAM	1	37	16.51	16.24	16.50		
15	16QAM	1	74	16.33	16.38	16.43		
15	16QAM	36	0	16.40	16.41	16.35	17.2	0
15	16QAM	36	20	16.47	16.23	16.39		
15	16QAM	36	39	16.28	16.47	16.31		
15	16QAM	75	0	16.42	16.33	16.37		
15	64QAM	1	0	16.48	16.33	16.38	17.2	0
15	64QAM	1	37	16.31	16.40	16.28		
15	64QAM	1	74	16.34	16.36	16.38		
15	64QAM	36	0	16.24	16.47	16.32	17.2	0
15	64QAM	36	20	16.34	16.31	16.38		
15	64QAM	36	39	16.37	16.41	16.33		
15	64QAM	75	0	16.39	16.37	16.34		
15	256QAM	1	0	16.36	16.41	16.40	17.2	0
15	256QAM	1	37	16.30	16.38	16.42		
15	256QAM	1	74	16.33	16.41	16.50		
15	256QAM	36	0	16.36	16.28	16.29	17.2	0
15	256QAM	36	20	16.41	16.44	16.49		
15	256QAM	36	39	16.24	16.33	16.39		
15	256QAM	75	0	16.27	16.40	16.41		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.35	16.41	16.40	17.2	0
10	QPSK	1	25	16.39	16.27	16.41		
10	QPSK	1	49	16.33	16.46	16.29		
10	QPSK	25	0	16.37	16.43	16.24	17.2	0
10	QPSK	25	12	16.32	16.32	16.26		
10	QPSK	25	25	16.37	16.49	16.37		
10	QPSK	50	0	16.33	16.37	16.24		
10	16QAM	1	0	16.23	16.24	16.34	17.2	0
10	16QAM	1	25	16.41	16.33	16.45		
10	16QAM	1	49	16.36	16.41	16.39		
10	16QAM	25	0	16.34	16.40	16.47	17.2	0
10	16QAM	25	12	16.50	16.27	16.41		
10	16QAM	25	25	16.34	16.43	16.34		
10	16QAM	50	0	16.35	16.49	16.28		
10	64QAM	1	0	16.43	16.46	16.31	17.2	0
10	64QAM	1	25	16.30	16.39	16.27		
10	64QAM	1	49	16.43	16.25	16.37		
10	64QAM	25	0	16.37	16.40	16.35	17.2	0
10	64QAM	25	12	16.35	16.34	16.33		
10	64QAM	25	25	16.36	16.46	16.34		
10	64QAM	50	0	16.47	16.37	16.37		
10	256QAM	1	0	16.31	16.30	16.35	17.2	0
10	256QAM	1	25	16.32	16.46	16.28		
10	256QAM	1	49	16.32	16.31	16.49		
10	256QAM	25	0	16.30	16.27	16.30	17.2	0
10	256QAM	25	12	16.44	16.45	16.49		
10	256QAM	25	25	16.26	16.29	16.34		
10	256QAM	50	0	16.33	16.34	16.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.35	16.52	16.41	17.2	0
5	QPSK	1	12	16.32	16.25	16.42		
5	QPSK	1	24	16.36	16.40	16.34		
5	QPSK	12	0	16.41	16.40	16.38	17.2	0
5	QPSK	12	7	16.45	16.25	16.26		
5	QPSK	12	13	16.45	16.35	16.41		
5	QPSK	25	0	16.25	16.40	16.36		
5	16QAM	1	0	16.26	16.31	16.35	17.2	0
5	16QAM	1	12	16.38	16.23	16.40		
5	16QAM	1	24	16.43	16.41	16.35		
5	16QAM	12	0	16.33	16.37	16.41	17.2	0
5	16QAM	12	7	16.51	16.31	16.41		
5	16QAM	12	13	16.34	16.45	16.31		
5	16QAM	25	0	16.50	16.35	16.38		
5	64QAM	1	0	16.43	16.46	16.31	17.2	0
5	64QAM	1	12	16.36	16.37	16.39		
5	64QAM	1	24	16.33	16.39	16.39		
5	64QAM	12	0	16.24	16.34	16.32	17.2	0
5	64QAM	12	7	16.36	16.42	16.41		
5	64QAM	12	13	16.28	16.33	16.39		
5	64QAM	25	0	16.38	16.32	16.40		
5	256QAM	1	0	16.25	16.43	16.33	17.2	0
5	256QAM	1	12	16.40	16.46	16.33		
5	256QAM	1	24	16.35	16.45	16.45		
5	256QAM	12	0	16.36	16.28	16.32	17.2	0
5	256QAM	12	7	16.42	16.35	16.48		
5	256QAM	12	13	16.29	16.30	16.34		
5	256QAM	25	0	16.34	16.30	16.46		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.40	16.53	16.47	17.2	0
3	QPSK	1	8	16.29	16.25	16.49		
3	QPSK	1	14	16.23	16.49	16.29		
3	QPSK	8	0	16.42	16.51	16.34	17.2	0
3	QPSK	8	4	16.33	16.29	16.29		
3	QPSK	8	7	16.39	16.45	16.32		
3	QPSK	15	0	16.28	16.47	16.33		
3	16QAM	1	0	16.29	16.27	16.39	17.2	0
3	16QAM	1	8	16.46	16.25	16.40		
3	16QAM	1	14	16.43	16.34	16.36		
3	16QAM	8	0	16.41	16.44	16.47	17.2	0
3	16QAM	8	4	16.50	16.32	16.46		
3	16QAM	8	7	16.39	16.39	16.31		
3	16QAM	15	0	16.40	16.37	16.35		
3	64QAM	1	0	16.39	16.46	16.41	17.2	0
3	64QAM	1	8	16.34	16.51	16.28		
3	64QAM	1	14	16.40	16.29	16.35		
3	64QAM	8	0	16.32	16.43	16.38	17.2	0
3	64QAM	8	4	16.34	16.44	16.38		
3	64QAM	8	7	16.38	16.45	16.41		
3	64QAM	15	0	16.36	16.35	16.27		
3	256QAM	1	0	16.25	16.32	16.38	17.2	0
3	256QAM	1	8	16.41	16.46	16.40		
3	256QAM	1	14	16.30	16.34	16.47		
3	256QAM	8	0	16.35	16.36	16.31	17.2	0
3	256QAM	8	4	16.41	16.33	16.36		
3	256QAM	8	7	16.24	16.25	16.36		
3	256QAM	15	0	16.27	16.32	16.40		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.35	16.54	16.41	17.2	0
1.4	QPSK	1	3	16.36	16.35	16.48		
1.4	QPSK	1	5	16.35	16.40	16.31		
1.4	QPSK	3	0	16.35	16.50	16.25		
1.4	QPSK	3	1	16.39	16.35	16.41		
1.4	QPSK	3	3	16.45	16.50	16.34		
1.4	QPSK	6	0	16.22	16.42	16.36	17.2	0
1.4	16QAM	1	0	16.27	16.37	16.39	17.2	0
1.4	16QAM	1	3	16.40	16.28	16.38		
1.4	16QAM	1	5	16.30	16.39	16.39		
1.4	16QAM	3	0	16.42	16.36	16.39		
1.4	16QAM	3	1	16.49	16.24	16.42		
1.4	16QAM	3	3	16.32	16.42	16.39		
1.4	16QAM	6	0	16.45	16.45	16.33	17.2	0
1.4	64QAM	1	0	16.46	16.41	16.30	17.2	0
1.4	64QAM	1	3	16.36	16.40	16.41		
1.4	64QAM	1	5	16.33	16.28	16.36		
1.4	64QAM	3	0	16.38	16.44	16.36		
1.4	64QAM	3	1	16.35	16.31	16.42		
1.4	64QAM	3	3	16.28	16.46	16.37		
1.4	64QAM	6	0	16.40	16.30	16.35	17.2	0
1.4	256QAM	1	0	16.23	16.37	16.34	17.2	0
1.4	256QAM	1	3	16.40	16.52	16.28		
1.4	256QAM	1	5	16.31	16.38	16.48		
1.4	256QAM	3	0	16.23	16.33	16.35		
1.4	256QAM	3	1	16.44	16.33	16.52		
1.4	256QAM	3	3	16.30	16.23	16.33		
1.4	256QAM	6	0	16.42	16.28	16.49	17.2	0

Band 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	17.85	17.92	17.82	19	0
20	QPSK	1	49	17.79	17.71	17.77		
20	QPSK	1	99	17.83	17.69	17.71		
20	QPSK	50	0	17.78	17.84	17.70	19	0
20	QPSK	50	24	17.74	17.83	17.81		
20	QPSK	50	50	17.78	17.75	17.82		
20	QPSK	100	0	17.78	17.82	17.78		
20	16QAM	1	0	17.70	17.71	17.84	19	0
20	16QAM	1	49	17.72	17.69	17.76		
20	16QAM	1	99	17.79	17.73	17.76		
20	16QAM	50	0	17.80	17.69	17.69	19	0
20	16QAM	50	24	17.82	17.76	17.70		
20	16QAM	50	50	17.81	17.69	17.70		
20	16QAM	100	0	17.81	17.83	17.75		
20	64QAM	1	0	17.71	17.73	17.77	19	0
20	64QAM	1	49	17.82	17.83	17.82		
20	64QAM	1	99	17.80	17.80	17.73		
20	64QAM	50	0	17.73	17.75	17.82	19	0
20	64QAM	50	24	17.80	17.69	17.83		
20	64QAM	50	50	17.84	17.82	17.82		
20	64QAM	100	0	17.76	17.70	17.79		
20	256QAM	1	0	17.76	17.70	17.79	19	0
20	256QAM	1	49	17.83	17.83	17.82		
20	256QAM	1	99	17.83	17.71	17.76		
20	256QAM	50	0	17.74	17.84	17.77	19	0
20	256QAM	50	24	17.70	17.74	17.75		
20	256QAM	50	50	17.80	17.74	17.80		
20	256QAM	100	0	17.70	17.76	17.74		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.72	17.90	17.79	19	0
15	QPSK	1	37	17.65	17.65	17.64		
15	QPSK	1	74	17.73	17.63	17.66		
15	QPSK	36	0	17.73	17.80	17.63	19	0
15	QPSK	36	20	17.69	17.73	17.78		
15	QPSK	36	39	17.69	17.72	17.77		
15	QPSK	75	0	17.70	17.74	17.65		
15	16QAM	1	0	17.58	17.61	17.78	19	0
15	16QAM	1	37	17.58	17.63	17.70		
15	16QAM	1	74	17.68	17.61	17.64		
15	16QAM	36	0	17.67	17.66	17.55	19	0
15	16QAM	36	20	17.74	17.73	17.67		
15	16QAM	36	39	17.77	17.61	17.61		
15	16QAM	75	0	17.73	17.77	17.64		
15	64QAM	1	0	17.59	17.60	17.69	19	0
15	64QAM	1	37	17.76	17.80	17.77		
15	64QAM	1	74	17.77	17.72	17.71		
15	64QAM	36	0	17.63	17.72	17.71	19	0
15	64QAM	36	20	17.67	17.62	17.75		
15	64QAM	36	39	17.81	17.77	17.72		
15	64QAM	75	0	17.64	17.63	17.65		
15	256QAM	1	0	17.72	17.65	17.75	19	0
15	256QAM	1	37	17.78	17.71	17.69		
15	256QAM	1	74	17.72	17.61	17.68		
15	256QAM	36	0	17.71	17.76	17.65	19	0
15	256QAM	36	20	17.65	17.68	17.62		
15	256QAM	36	39	17.71	17.67	17.70		
15	256QAM	75	0	17.64	17.73	17.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.76	17.79	17.79	19	0
10	QPSK	1	25	17.67	17.67	17.65		
10	QPSK	1	49	17.70	17.59	17.58		
10	QPSK	25	0	17.73	17.78	17.65	19	0
10	QPSK	25	12	17.65	17.71	17.78		
10	QPSK	25	25	17.66	17.61	17.77		
10	QPSK	50	0	17.64	17.75	17.66		
10	16QAM	1	0	17.61	17.69	17.70	19	0
10	16QAM	1	25	17.60	17.56	17.64		
10	16QAM	1	49	17.68	17.62	17.73		
10	16QAM	25	0	17.69	17.64	17.59	19	0
10	16QAM	25	12	17.72	17.72	17.59		
10	16QAM	25	25	17.77	17.56	17.62		
10	16QAM	50	0	17.79	17.75	17.67		
10	64QAM	1	0	17.63	17.65	17.73	19	0
10	64QAM	1	25	17.73	17.70	17.69		
10	64QAM	1	49	17.71	17.73	17.69		
10	64QAM	25	0	17.63	17.73	17.79	19	0
10	64QAM	25	12	17.74	17.63	17.71		
10	64QAM	25	25	17.77	17.78	17.79		
10	64QAM	50	0	17.68	17.58	17.74		
10	256QAM	1	0	17.69	17.65	17.75	19	0
10	256QAM	1	25	17.75	17.79	17.73		
10	256QAM	1	49	17.74	17.59	17.74		
10	256QAM	25	0	17.72	17.77	17.71	19	0
10	256QAM	25	12	17.56	17.71	17.64		
10	256QAM	25	25	17.73	17.71	17.69		
10	256QAM	50	0	17.56	17.63	17.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.71	17.81	17.69	19	0
5	QPSK	1	12	17.68	17.63	17.71		
5	QPSK	1	24	17.76	17.66	17.63		
5	QPSK	12	0	17.71	17.81	17.58	19	0
5	QPSK	12	7	17.65	17.77	17.74		
5	QPSK	12	13	17.73	17.67	17.69		
5	QPSK	25	0	17.68	17.79	17.71		
5	16QAM	1	0	17.59	17.64	17.80	19	0
5	16QAM	1	12	17.60	17.67	17.70		
5	16QAM	1	24	17.71	17.61	17.70		
5	16QAM	12	0	17.76	17.55	17.56	19	0
5	16QAM	12	7	17.79	17.73	17.57		
5	16QAM	12	13	17.77	17.56	17.62		
5	16QAM	25	0	17.68	17.75	17.63		
5	64QAM	1	0	17.62	17.66	17.72	19	0
5	64QAM	1	12	17.80	17.70	17.74		
5	64QAM	1	24	17.76	17.73	17.61		
5	64QAM	12	0	17.63	17.63	17.79	19	0
5	64QAM	12	7	17.76	17.58	17.73		
5	64QAM	12	13	17.75	17.71	17.79		
5	64QAM	25	0	17.62	17.66	17.67		
5	256QAM	1	0	17.65	17.60	17.67	19	0
5	256QAM	1	12	17.74	17.73	17.78		
5	256QAM	1	24	17.79	17.64	17.64		
5	256QAM	12	0	17.61	17.71	17.63	19	0
5	256QAM	12	7	17.57	17.69	17.72		
5	256QAM	12	13	17.72	17.62	17.78		
5	256QAM	25	0	17.65	17.62	17.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.72	17.88	17.69	19	0
3	QPSK	1	8	17.70	17.62	17.64		
3	QPSK	1	14	17.76	17.65	17.67		
3	QPSK	8	0	17.75	17.73	17.68	19	0
3	QPSK	8	4	17.67	17.79	17.72		
3	QPSK	8	7	17.66	17.66	17.70		
3	QPSK	15	0	17.65	17.78	17.64		
3	16QAM	1	0	17.62	17.66	17.73	19	0
3	16QAM	1	8	17.64	17.64	17.65		
3	16QAM	1	14	17.66	17.63	17.67		
3	16QAM	8	0	17.73	17.66	17.57	19	0
3	16QAM	8	4	17.74	17.72	17.65		
3	16QAM	8	7	17.74	17.56	17.63		
3	16QAM	15	0	17.74	17.75	17.69		
3	64QAM	1	0	17.66	17.70	17.72	19	0
3	64QAM	1	8	17.76	17.69	17.68		
3	64QAM	1	14	17.78	17.70	17.60		
3	64QAM	8	0	17.69	17.70	17.75	19	0
3	64QAM	8	4	17.73	17.65	17.78		
3	64QAM	8	7	17.79	17.78	17.77		
3	64QAM	15	0	17.62	17.62	17.69		
3	256QAM	1	0	17.64	17.68	17.75	19	0
3	256QAM	1	8	17.78	17.76	17.70		
3	256QAM	1	14	17.78	17.59	17.62		
3	256QAM	8	0	17.61	17.78	17.72	19	0
3	256QAM	8	4	17.67	17.70	17.66		
3	256QAM	8	7	17.74	17.67	17.78		
3	256QAM	15	0	17.57	17.67	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.73	17.79	17.71	19	0
1.4	QPSK	1	3	17.66	17.66	17.72		
1.4	QPSK	1	5	17.77	17.65	17.58		
1.4	QPSK	3	0	17.73	17.75	17.67		
1.4	QPSK	3	1	17.60	17.76	17.73		
1.4	QPSK	3	3	17.66	17.68	17.74		
1.4	QPSK	6	0	17.67	17.75	17.67	19	0
1.4	16QAM	1	0	17.56	17.66	17.77	19	0
1.4	16QAM	1	3	17.58	17.58	17.69		
1.4	16QAM	1	5	17.68	17.59	17.66		
1.4	16QAM	3	0	17.77	17.60	17.63		
1.4	16QAM	3	1	17.77	17.63	17.59		
1.4	16QAM	3	3	17.69	17.64	17.67		
1.4	16QAM	6	0	17.78	17.75	17.63	19	0
1.4	64QAM	1	0	17.67	17.67	17.74	19	0
1.4	64QAM	1	3	17.79	17.74	17.76		
1.4	64QAM	1	5	17.74	17.76	17.68		
1.4	64QAM	3	0	17.71	17.68	17.71		
1.4	64QAM	3	1	17.68	17.65	17.70		
1.4	64QAM	3	3	17.79	17.73	17.74		
1.4	64QAM	6	0	17.71	17.60	17.76	19	0
1.4	256QAM	1	0	17.74	17.62	17.69	19	0
1.4	256QAM	1	3	17.80	17.76	17.77		
1.4	256QAM	1	5	17.74	17.66	17.71		
1.4	256QAM	3	0	17.64	17.74	17.68		
1.4	256QAM	3	1	17.61	17.61	17.65		
1.4	256QAM	3	3	17.77	17.60	17.76		
1.4	256QAM	6	0	17.65	17.68	17.63	19	0

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.76	22.85	22.61	24	0
10	QPSK	1	25	22.59	22.72	22.55		
10	QPSK	1	49	22.71	22.73	22.53		
10	QPSK	25	0	22.62	22.78	22.48	24	0
10	QPSK	25	12	22.70	22.77	22.48		
10	QPSK	25	25	22.66	22.68	22.44		
10	QPSK	50	0	22.66	22.70	22.43		
10	16QAM	1	0	22.60	22.82	22.56	24	0
10	16QAM	1	25	22.61	22.67	22.53		
10	16QAM	1	49	22.67	22.73	22.50		
10	16QAM	25	0	21.73	21.92	21.60	23	1
10	16QAM	25	12	21.82	21.83	21.61		
10	16QAM	25	25	21.80	21.87	21.57		
10	16QAM	50	0	21.76	21.84	21.62		
10	64QAM	1	0	21.72	21.87	21.62	23	1
10	64QAM	1	25	21.82	21.92	21.63		
10	64QAM	1	49	21.82	21.91	21.68		
10	64QAM	25	0	20.69	20.78	20.68	22	2
10	64QAM	25	12	20.80	20.86	20.60		
10	64QAM	25	25	20.74	20.88	20.56		
10	64QAM	50	0	20.69	20.92	20.58		
10	256QAM	1	0	18.74	18.82	18.62	20	4
10	256QAM	1	25	18.77	18.86	18.63		
10	256QAM	1	49	18.70	18.83	18.55		
10	256QAM	25	0	18.77	18.84	18.55	20	4
10	256QAM	25	12	18.72	18.82	18.64		
10	256QAM	25	25	18.78	18.79	18.62		
10	256QAM	50	0	18.68	18.78	18.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.60	22.82	22.45	24	0
5	QPSK	1	12	22.45	22.60	22.43		
5	QPSK	1	24	22.56	22.67	22.46		
5	QPSK	12	0	22.53	22.67	22.33	24	0
5	QPSK	12	7	22.61	22.73	22.42		
5	QPSK	12	13	22.49	22.62	22.36		
5	QPSK	25	0	22.63	22.67	22.38		
5	16QAM	1	0	22.49	22.64	22.39	24	0
5	16QAM	1	12	22.53	22.52	22.45		
5	16QAM	1	24	22.56	22.59	22.41		
5	16QAM	12	0	21.56	21.82	21.50	23	1
5	16QAM	12	7	21.70	21.76	21.54		
5	16QAM	12	13	21.74	21.75	21.46		
5	16QAM	25	0	21.73	21.81	21.53		
5	64QAM	1	0	21.59	21.79	21.53	23	1
5	64QAM	1	12	21.69	21.75	21.46		
5	64QAM	1	24	21.73	21.88	21.57		
5	64QAM	12	0	20.59	20.63	20.53	22	2
5	64QAM	12	7	20.73	20.70	20.54		
5	64QAM	12	13	20.60	20.73	20.46		
5	64QAM	25	0	20.55	20.83	20.51		
5	256QAM	1	0	18.72	18.76	18.59	20	4
5	256QAM	1	12	18.68	18.76	18.49		
5	256QAM	1	24	18.67	18.69	18.49		
5	256QAM	12	0	18.71	18.66	18.44	20	4
5	256QAM	12	7	18.61	18.68	18.61		
5	256QAM	12	13	18.62	18.71	18.53		
5	256QAM	25	0	18.52	18.61	18.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.59	22.72	22.45	24	0
3	QPSK	1	8	22.51	22.63	22.43		
3	QPSK	1	14	22.59	22.60	22.40		
3	QPSK	8	0	22.56	22.64	22.40	24	0
3	QPSK	8	4	22.52	22.73	22.42		
3	QPSK	8	7	22.57	22.61	22.38		
3	QPSK	15	0	22.59	22.52	22.35		
3	16QAM	1	0	22.57	22.78	22.40	24	0
3	16QAM	1	8	22.52	22.59	22.40		
3	16QAM	1	14	22.52	22.65	22.37		
3	16QAM	8	0	21.65	21.79	21.45	23	1
3	16QAM	8	4	21.77	21.71	21.49		
3	16QAM	8	7	21.73	21.79	21.44		
3	16QAM	15	0	21.64	21.74	21.48		
3	64QAM	1	0	21.66	21.72	21.57	23	1
3	64QAM	1	8	21.68	21.79	21.53		
3	64QAM	1	14	21.78	21.81	21.61		
3	64QAM	8	0	20.58	20.66	20.59	22	2
3	64QAM	8	4	20.78	20.78	20.46		
3	64QAM	8	7	20.70	20.85	20.52		
3	64QAM	15	0	20.54	20.86	20.56		
3	256QAM	1	0	18.69	18.71	18.45	20	4
3	256QAM	1	8	18.60	18.76	18.56		
3	256QAM	1	14	18.55	18.70	18.49		
3	256QAM	8	0	18.61	18.76	18.52	20	4
3	256QAM	8	4	18.59	18.70	18.58		
3	256QAM	8	7	18.61	18.74	18.45		
3	256QAM	15	0	18.56	18.76	18.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.76	22.53	24	0
1.4	QPSK	1	3	22.66	22.71	22.58		
1.4	QPSK	1	5	22.60	22.79	22.43		
1.4	QPSK	3	0	22.74	22.82	22.43		
1.4	QPSK	3	1	22.60	22.78	22.51		
1.4	QPSK	3	3	22.71	22.68	22.48		
1.4	QPSK	6	0	22.60	22.76	22.59	24	0
1.4	16QAM	1	0	22.73	22.73	22.44	24	0
1.4	16QAM	1	3	22.70	22.71	22.51		
1.4	16QAM	1	5	22.59	22.68	22.47		
1.4	16QAM	3	0	22.67	22.70	22.48		
1.4	16QAM	3	1	22.67	22.76	22.53		
1.4	16QAM	3	3	22.71	22.75	22.46		
1.4	16QAM	6	0	21.79	21.83	21.59	23	1
1.4	64QAM	1	0	21.72	21.70	21.74	23	1
1.4	64QAM	1	3	21.73	21.83	21.62		
1.4	64QAM	1	5	21.63	21.78	21.50		
1.4	64QAM	3	0	21.65	21.71	21.71		
1.4	64QAM	3	1	21.82	21.88	21.51		
1.4	64QAM	3	3	21.76	21.82	21.52		
1.4	64QAM	6	0	20.81	20.95	20.51	22	2
1.4	256QAM	1	0	18.65	18.73	18.55	20	4
1.4	256QAM	1	3	18.62	18.96	18.64		
1.4	256QAM	1	5	18.61	18.91	18.62		
1.4	256QAM	3	0	18.64	18.85	18.66		
1.4	256QAM	3	1	18.68	18.98	18.74		
1.4	256QAM	3	3	18.91	18.75	18.68		
1.4	256QAM	6	0	18.81	18.92	18.60	20	4

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.06	23.10	23.07	24	0
10	QPSK	1	25	22.95	23.05	22.95		
10	QPSK	1	49	22.95	23.01	22.95		
10	QPSK	25	0	22.97	23.06	22.97	24	0
10	QPSK	25	12	22.98	22.98	22.97		
10	QPSK	25	25	23.00	23.03	22.99		
10	QPSK	50	0	22.94	23.00	22.99		
10	16QAM	1	0	23.01	23.00	23.00	24	0
10	16QAM	1	25	22.92	23.03	22.95		
10	16QAM	1	49	22.98	23.00	22.97		
10	16QAM	25	0	21.93	22.02	21.92	23	1
10	16QAM	25	12	22.05	22.19	22.18		
10	16QAM	25	25	22.07	22.07	22.18		
10	16QAM	50	0	22.14	21.99	22.06		
10	64QAM	1	0	22.12	22.21	22.14	23	1
10	64QAM	1	25	21.91	22.00	21.98		
10	64QAM	1	49	22.16	22.08	21.92		
10	64QAM	25	0	21.09	21.17	21.06	22	2
10	64QAM	25	12	20.92	20.97	21.01		
10	64QAM	25	25	21.11	21.02	21.21		
10	64QAM	50	0	21.20	21.14	21.21		
10	256QAM	1	0	18.93	19.03	18.94	20	4
10	256QAM	1	25	18.97	19.23	18.97		
10	256QAM	1	49	19.14	19.06	19.04		
10	256QAM	25	0	19.04	19.08	19.11	20	4
10	256QAM	25	12	19.11	18.99	19.05		
10	256QAM	25	25	19.02	19.11	19.06		
10	256QAM	50	0	19.03	19.04	19.18		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.99	23.02	22.91	24	0
5	QPSK	1	12	22.84	22.95	22.89		
5	QPSK	1	24	22.93	22.87	22.93		
5	QPSK	12	0	22.91	23.00	22.93	24	0
5	QPSK	12	7	22.93	22.92	22.91		
5	QPSK	12	13	22.95	22.98	22.86		
5	QPSK	25	0	22.86	22.94	22.89		
5	16QAM	1	0	22.87	22.87	22.87	24	0
5	16QAM	1	12	22.86	22.97	22.92		
5	16QAM	1	24	22.81	22.84	22.88		
5	16QAM	12	0	21.79	21.90	21.84	23	1
5	16QAM	12	7	21.88	22.11	22.15		
5	16QAM	12	13	21.95	22.02	22.01		
5	16QAM	25	0	22.11	21.89	21.99		
5	64QAM	1	0	21.98	22.15	21.98	23	1
5	64QAM	1	12	21.81	21.92	21.95		
5	64QAM	1	24	22.00	22.05	21.84		
5	64QAM	12	0	21.05	21.00	20.97	22	2
5	64QAM	12	7	20.85	20.83	20.89		
5	64QAM	12	13	20.96	20.93	21.17		
5	64QAM	25	0	21.18	21.03	21.16		
5	256QAM	1	0	18.83	19.00	18.78	20	4
5	256QAM	1	12	18.87	19.17	18.87		
5	256QAM	1	24	19.00	18.96	18.99		
5	256QAM	12	0	19.01	18.94	18.97	20	4
5	256QAM	12	7	19.01	18.88	18.94		
5	256QAM	12	13	19.00	18.94	18.95		
5	256QAM	25	0	18.96	18.89	19.14		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.90	22.96	23.03	24	0
3	QPSK	1	8	22.85	23.00	22.83		
3	QPSK	1	14	22.90	22.96	22.79		
3	QPSK	8	0	22.90	23.03	22.87	24	0
3	QPSK	8	4	22.95	22.83	22.92		
3	QPSK	8	7	22.91	22.92	22.87		
3	QPSK	15	0	22.91	22.88	22.94		
3	16QAM	1	0	22.90	22.85	22.84	24	0
3	16QAM	1	8	22.76	22.95	22.84		
3	16QAM	1	14	22.81	22.82	22.90		
3	16QAM	8	0	21.77	21.92	21.84	23	1
3	16QAM	8	4	22.00	22.12	22.04		
3	16QAM	8	7	21.99	21.94	22.12		
3	16QAM	15	0	21.97	21.87	22.02		
3	64QAM	1	0	22.00	22.11	21.98	23	1
3	64QAM	1	8	21.79	21.83	21.86		
3	64QAM	1	14	22.10	22.01	21.89		
3	64QAM	8	0	20.96	21.06	21.03	22	2
3	64QAM	8	4	20.75	20.84	20.94		
3	64QAM	8	7	21.08	20.93	21.14		
3	64QAM	15	0	21.07	21.00	21.14		
3	256QAM	1	0	18.81	18.91	18.86	20	4
3	256QAM	1	8	18.92	19.14	18.82		
3	256QAM	1	14	19.10	18.98	18.91		
3	256QAM	8	0	18.88	18.92	19.05	20	4
3	256QAM	8	4	19.01	18.95	18.90		
3	256QAM	8	7	18.95	19.03	19.03		
3	256QAM	15	0	18.89	18.99	19.11		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.96	22.99	23.02	24	0
1.4	QPSK	1	3	23.02	23.06	22.98		
1.4	QPSK	1	5	22.98	22.99	22.92		
1.4	QPSK	3	0	23.01	22.99	22.94		
1.4	QPSK	3	1	22.98	23.00	22.92		
1.4	QPSK	3	3	22.94	22.95	22.96		
1.4	QPSK	6	0	22.89	23.00	22.89	24	0
1.4	16QAM	1	0	22.94	22.92	23.02	24	0
1.4	16QAM	1	3	23.03	23.02	22.94		
1.4	16QAM	1	5	22.92	23.05	23.02		
1.4	16QAM	3	0	22.88	22.96	23.05		
1.4	16QAM	3	1	23.00	23.00	23.02		
1.4	16QAM	3	3	22.92	23.08	22.90		
1.4	16QAM	6	0	22.06	22.15	22.14	23	1
1.4	64QAM	1	0	22.08	22.07	21.99	23	1
1.4	64QAM	1	3	22.01	22.03	21.93		
1.4	64QAM	1	5	22.08	21.95	22.11		
1.4	64QAM	3	0	22.10	22.17	22.01		
1.4	64QAM	3	1	22.06	22.14	21.98		
1.4	64QAM	3	3	22.21	22.08	21.98		
1.4	64QAM	6	0	21.17	21.14	21.21	22	2
1.4	256QAM	1	0	18.93	19.17	19.12	20	4
1.4	256QAM	1	3	19.18	19.21	18.97		
1.4	256QAM	1	5	19.08	19.06	18.99		
1.4	256QAM	3	0	19.17	19.05	19.07		
1.4	256QAM	3	1	19.01	19.19	18.98		
1.4	256QAM	3	3	18.91	19.19	19.06		
1.4	256QAM	6	0	19.17	19.07	19.17	20	4

Band 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.10		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.95			
10	QPSK	25	0		23.08		24	0
10	QPSK	25	12		23.07			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.06			
10	16QAM	1	0		23.01		24	0
10	16QAM	1	25		22.94			
10	16QAM	1	49		22.98			
10	16QAM	25	0		22.08		23	1
10	16QAM	25	12		22.21			
10	16QAM	25	25		22.00			
10	16QAM	50	0		22.11			
10	64QAM	1	0		22.22		23	1
10	64QAM	1	25		22.15			
10	64QAM	1	49		21.97			
10	64QAM	25	0		21.14		22	2
10	64QAM	25	12		21.20			
10	64QAM	25	25		20.96			
10	64QAM	50	0		21.15			
10	256QAM	1	0		19.24		20	4
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.22			
10	256QAM	25	0		19.04		20	4
10	256QAM	25	12		19.14			
10	256QAM	25	25		18.97			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	23.00	23.01	24	0
5	QPSK	1	12	22.87	22.84	22.83		
5	QPSK	1	24	22.78	22.84	22.78		
5	QPSK	12	0	22.82	22.90	22.90	24	0
5	QPSK	12	7	22.89	23.04	22.85		
5	QPSK	12	13	22.82	22.81	22.88		
5	QPSK	25	0	22.89	23.01	22.87		
5	16QAM	1	0	22.77	22.90	22.81	24	0
5	16QAM	1	12	22.79	22.92	22.86		
5	16QAM	1	24	22.92	22.83	22.93		
5	16QAM	12	0	21.97	21.93	21.80	23	1
5	16QAM	12	7	21.87	22.12	22.01		
5	16QAM	12	13	22.09	21.93	21.79		
5	16QAM	25	0	21.97	22.03	21.84		
5	64QAM	1	0	21.97	22.16	21.92	23	1
5	64QAM	1	12	21.94	22.02	21.97		
5	64QAM	1	24	21.90	21.87	21.85		
5	64QAM	12	0	21.12	21.05	20.92	22	2
5	64QAM	12	7	20.99	21.12	20.97		
5	64QAM	12	13	20.88	20.87	20.82		
5	64QAM	25	0	21.03	21.07	20.91		
5	256QAM	1	0	18.81	19.16	18.97	20	4
5	256QAM	1	12	18.95	18.97	18.83		
5	256QAM	1	24	18.86	19.08	18.91		
5	256QAM	12	0	18.82	18.97	19.05	20	4
5	256QAM	12	7	18.90	19.11	19.02		
5	256QAM	12	13	19.02	18.79	18.98		
5	256QAM	25	0	18.98	19.03	18.84		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.93		24	0
10	QPSK	1	25		22.84			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.91		24	0
10	QPSK	25	12		22.77			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.89			
10	16QAM	1	0		22.78		24	0
10	16QAM	1	25		22.89			
10	16QAM	1	49		22.85			
10	16QAM	25	0		21.90		23	1
10	16QAM	25	12		22.00			
10	16QAM	25	25		21.93			
10	16QAM	50	0		21.99			
10	64QAM	1	0		21.92		23	1
10	64QAM	1	25		21.95			
10	64QAM	1	49		21.99			
10	64QAM	25	0		20.86		22	2
10	64QAM	25	12		20.94			
10	64QAM	25	25		20.99			
10	64QAM	50	0		21.00			
10	256QAM	1	0		18.90		20	4
10	256QAM	1	25		18.85			
10	256QAM	1	49		19.00			
10	256QAM	25	0		19.00		20	4
10	256QAM	25	12		18.79			
10	256QAM	25	25		19.03			
10	256QAM	50	0		19.08			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.66	22.90	22.82	24	0
5	QPSK	1	12	22.56	22.75	22.66		
5	QPSK	1	24	22.66	22.79	22.70		
5	QPSK	12	0	22.59	22.83	22.77	24	0
5	QPSK	12	7	22.60	22.74	22.78		
5	QPSK	12	13	22.76	22.84	22.69		
5	QPSK	25	0	22.53	22.83	22.70		
5	16QAM	1	0	22.65	22.66	22.53	24	0
5	16QAM	1	12	22.74	22.82	22.58		
5	16QAM	1	24	22.64	22.79	22.80		
5	16QAM	12	0	21.88	21.75	21.75	23	1
5	16QAM	12	7	21.87	21.86	21.78		
5	16QAM	12	13	21.89	21.87	21.90		
5	16QAM	25	0	21.78	21.96	21.79		
5	64QAM	1	0	21.83	21.84	21.74	23	1
5	64QAM	1	12	21.73	21.86	21.80		
5	64QAM	1	24	21.75	21.96	21.66		
5	64QAM	12	0	20.81	20.79	20.68	22	2
5	64QAM	12	7	20.80	20.81	20.75		
5	64QAM	12	13	20.79	20.93	20.76		
5	64QAM	25	0	20.81	20.85	20.78		
5	256QAM	1	0	18.67	18.78	18.61	20	4
5	256QAM	1	12	18.69	18.74	18.66		
5	256QAM	1	24	18.74	18.82	18.84		
5	256QAM	12	0	18.78	18.89	18.96	20	4
5	256QAM	12	7	18.68	18.69	18.90		
5	256QAM	12	13	18.76	18.95	18.95		
5	256QAM	25	0	18.85	18.95	18.87		

Band 17

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.08	23.09	23.02	24	0
10	QPSK	1	25	22.91	23.02	22.96		
10	QPSK	1	49	22.97	23.01	22.98		
10	QPSK	25	0	23.04	23.05	22.94	24	0
10	QPSK	25	12	23.02	22.99	22.87		
10	QPSK	25	25	23.03	23.01	22.85		
10	QPSK	50	0	22.93	23.02	22.90		
10	16QAM	1	0	23.03	23.00	23.00	24	0
10	16QAM	1	25	22.90	22.94	22.85		
10	16QAM	1	49	23.00	22.99	22.92		
10	16QAM	25	0	22.16	22.17	21.98	23	1
10	16QAM	25	12	21.99	22.14	22.17		
10	16QAM	25	25	21.96	22.06	22.06		
10	16QAM	50	0	22.03	22.06	21.99		
10	64QAM	1	0	22.23	22.20	22.17	23	1
10	64QAM	1	25	21.99	21.99	22.12		
10	64QAM	1	49	22.21	22.07	22.15		
10	64QAM	25	0	21.20	21.00	20.91	22	2
10	64QAM	25	12	21.08	21.04	21.06		
10	64QAM	25	25	21.08	20.96	21.15		
10	64QAM	50	0	21.20	21.06	20.90		
10	256QAM	1	0	19.01	19.16	19.09	20	4
10	256QAM	1	25	19.09	19.07	19.05		
10	256QAM	1	49	19.15	18.96	18.96		
10	256QAM	25	0	19.09	19.21	19.10	20	4
10	256QAM	25	12	19.19	19.16	18.99		
10	256QAM	25	25	18.98	19.16	19.02		
10	256QAM	50	0	18.96	19.02	19.13		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.92	22.98	22.91	24	0
5	QPSK	1	12	22.88	22.92	22.92		
5	QPSK	1	24	22.84	22.89	22.83		
5	QPSK	12	0	22.93	23.02	22.88	24	0
5	QPSK	12	7	22.90	22.93	22.84		
5	QPSK	12	13	22.91	22.87	22.79		
5	QPSK	25	0	22.80	22.86	22.88	24	0
5	16QAM	1	0	22.94	22.97	22.86		
5	16QAM	1	12	22.85	22.86	22.77		
5	16QAM	1	24	22.96	22.93	22.88		
5	16QAM	12	0	21.98	22.02	21.80	23	1
5	16QAM	12	7	21.90	22.11	22.06		
5	16QAM	12	13	21.81	21.89	22.03		
5	16QAM	25	0	21.96	22.02	21.86		
5	64QAM	1	0	22.07	22.08	22.06	23	1
5	64QAM	1	12	21.87	21.83	22.03		
5	64QAM	1	24	22.19	21.97	22.03		
5	64QAM	12	0	21.06	20.85	20.80	22	2
5	64QAM	12	7	21.01	20.88	20.95		
5	64QAM	12	13	21.01	20.87	21.05		
5	64QAM	25	0	21.07	20.88	20.75		
5	256QAM	1	0	18.96	19.05	19.06	20	4
5	256QAM	1	12	18.91	18.97	18.93		
5	256QAM	1	24	19.03	18.88	18.82		
5	256QAM	12	0	18.99	19.18	18.99	20	4
5	256QAM	12	7	19.15	19.02	18.84		
5	256QAM	12	13	18.89	19.11	18.87		
5	256QAM	25	0	18.80	18.85	19.01		

Band 25

BW [MHz]	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	16.27	16.44	16.26	17.2	0
20	QPSK	1	49	16.16	16.22	16.13		
20	QPSK	1	99	16.15	16.17	16.14		
20	QPSK	50	0	16.24	16.31	16.09		
20	QPSK	50	24	16.10	16.29	16.21	17.2	0
20	QPSK	50	50	16.24	16.20	16.17		
20	QPSK	100	0	16.22	16.23	16.08		
20	16QAM	1	0	16.19	16.40	16.12	17.2	0
20	16QAM	1	49	16.13	16.10	16.07		
20	16QAM	1	99	16.03	16.12	16.01		
20	16QAM	50	0	16.21	16.26	15.97		
20	16QAM	50	24	16.00	16.21	16.18		
20	16QAM	50	50	16.12	16.15	16.13		
20	16QAM	100	0	16.17	16.16	16.05		
20	64QAM	1	0	16.22	16.41	16.21	17.2	0
20	64QAM	1	49	16.13	16.17	16.05		
20	64QAM	1	99	16.11	16.04	16.05		
20	64QAM	50	0	16.12	16.28	16.02	17.2	0
20	64QAM	50	24	16.03	16.24	16.09		
20	64QAM	50	50	16.16	16.15	16.10		
20	64QAM	100	0	16.09	16.19	15.98		
20	256QAM	1	0	16.21	16.40	16.13	17.2	0
20	256QAM	1	49	16.05	16.18	16.00		
20	256QAM	1	99	16.11	16.10	16.06		
20	256QAM	50	0	16.20	16.21	16.02	17.2	0
20	256QAM	50	24	15.99	16.17	16.12		
20	256QAM	50	50	16.16	16.11	16.12		
20	256QAM	100	0	16.18	16.17	15.97		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.16	16.36	16.20	17.2	0
15	QPSK	1	37	16.08	16.17	15.99		
15	QPSK	1	74	16.09	16.07	16.10		
15	QPSK	36	0	16.18	16.25	15.99	17.2	0
15	QPSK	36	20	15.96	16.23	16.10		
15	QPSK	36	39	16.22	16.12	16.13		
15	QPSK	75	0	16.17	16.19	15.96		
15	16QAM	1	0	16.16	16.27	16.09	17.2	0
15	16QAM	1	37	16.10	16.03	15.99		
15	16QAM	1	74	15.96	15.99	15.93		
15	16QAM	36	0	16.14	16.21	15.84	17.2	0
15	16QAM	36	20	15.92	16.08	16.09		
15	16QAM	36	39	16.10	16.05	16.06		
15	16QAM	75	0	16.07	16.09	16.02		
15	64QAM	1	0	16.10	16.36	16.10	17.2	0
15	64QAM	1	37	16.04	16.12	16.03		
15	64QAM	1	74	16.06	15.90	15.94		
15	64QAM	36	0	16.03	16.22	15.95	17.2	0
15	64QAM	36	20	15.92	16.10	15.97		
15	64QAM	36	39	16.08	16.02	16.04		
15	64QAM	75	0	15.97	16.11	15.94		
15	256QAM	1	0	16.09	16.34	16.10	17.2	0
15	256QAM	1	37	16.00	16.07	15.88		
15	256QAM	1	74	16.08	15.99	15.98		
15	256QAM	36	0	16.11	16.13	15.89	17.2	0
15	256QAM	36	20	15.90	16.11	16.06		
15	256QAM	36	39	16.08	16.07	15.98		
15	256QAM	75	0	16.06	16.11	15.84		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.18	16.40	16.22	17.2	0
10	QPSK	1	25	16.11	16.09	16.04		
10	QPSK	1	49	16.06	16.11	16.04		
10	QPSK	25	0	16.14	16.28	16.01	17.2	0
10	QPSK	25	12	16.03	16.26	16.09		
10	QPSK	25	25	16.21	16.09	16.06		
10	QPSK	50	0	16.10	16.15	16.04		
10	16QAM	1	0	16.08	16.30	16.09	17.2	0
10	16QAM	1	25	16.04	16.06	16.04		
10	16QAM	1	49	15.92	16.08	15.89		
10	16QAM	25	0	16.12	16.15	15.94	17.2	0
10	16QAM	25	12	15.92	16.12	16.15		
10	16QAM	25	25	16.10	16.02	16.02		
10	16QAM	50	0	16.05	16.07	15.91		
10	64QAM	1	0	16.20	16.32	16.10	17.2	0
10	64QAM	1	25	16.08	16.12	15.92		
10	64QAM	1	49	16.06	15.93	16.00		
10	64QAM	25	0	16.04	16.16	15.93	17.2	0
10	64QAM	25	12	15.96	16.22	15.99		
10	64QAM	25	25	16.09	16.05	15.96		
10	64QAM	50	0	16.00	16.09	15.86		
10	256QAM	1	0	16.12	16.37	16.02	17.2	0
10	256QAM	1	25	16.01	16.04	15.96		
10	256QAM	1	49	15.98	16.03	15.94		
10	256QAM	25	0	16.11	16.09	15.90	17.2	0
10	256QAM	25	12	15.95	16.13	16.05		
10	256QAM	25	25	16.10	16.04	16.06		
10	256QAM	50	0	16.14	16.12	15.83		
Channel				26065	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.22	16.40	16.19	17.2	0
5	QPSK	1	12	16.04	16.09	16.05		
5	QPSK	1	24	16.02	16.03	16.00		
5	QPSK	12	0	16.12	16.26	16.00	17.2	0
5	QPSK	12	7	16.05	16.22	16.19		
5	QPSK	12	13	16.16	16.12	16.09		
5	QPSK	25	0	16.10	16.20	16.05	17.2	0
5	16QAM	1	0	16.13	16.26	16.10		
5	16QAM	1	12	16.01	16.01	16.00		
5	16QAM	1	24	15.97	16.03	15.97		
5	16QAM	12	0	16.17	16.16	15.89	17.2	0
5	16QAM	12	7	15.95	16.08	16.13		
5	16QAM	12	13	16.08	16.05	16.02		
5	16QAM	25	0	16.07	16.13	15.94	17.2	0
5	64QAM	1	0	16.14	16.33	16.15		
5	64QAM	1	12	16.06	16.03	15.99		
5	64QAM	1	24	16.04	15.91	15.99		
5	64QAM	12	0	16.02	16.16	15.96	17.2	0
5	64QAM	12	7	15.89	16.21	15.98		
5	64QAM	12	13	16.07	16.12	15.97		
5	64QAM	25	0	16.02	16.08	15.94	17.2	0
5	256QAM	1	0	16.09	16.31	16.11		
5	256QAM	1	12	16.02	16.14	15.92		
5	256QAM	1	24	15.97	16.02	16.02		
5	256QAM	12	0	16.12	16.19	15.98	17.2	0
5	256QAM	12	7	15.95	16.03	15.99		
5	256QAM	12	13	16.04	16.09	16.09		
5	256QAM	25	0	16.04	16.05	15.93	17.2	0
Channel				26035	26340	26645	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.14	16.41	16.17	17.2	0
3	QPSK	1	8	16.11	16.15	16.09		
3	QPSK	1	14	16.07	16.12	16.11		
3	QPSK	8	0	16.13	16.29	16.00	17.2	0
3	QPSK	8	4	15.99	16.21	16.15		
3	QPSK	8	7	16.16	16.17	16.06		
3	QPSK	15	0	16.09	16.18	16.01	17.2	0
3	16QAM	1	0	16.08	16.29	16.08		
3	16QAM	1	8	16.06	16.00	16.04		
3	16QAM	1	14	15.92	15.99	15.93		
3	16QAM	8	0	16.09	16.23	15.86	17.2	0
3	16QAM	8	4	15.96	16.17	16.06		
3	16QAM	8	7	16.03	16.12	16.11		
3	16QAM	15	0	16.09	16.04	15.99	17.2	0
3	64QAM	1	0	16.16	16.36	16.16		
3	64QAM	1	8	16.01	16.05	15.91		
3	64QAM	1	14	16.03	15.93	16.00		
3	64QAM	8	0	16.09	16.18	15.99	17.2	0
3	64QAM	8	4	16.00	16.19	16.04		
3	64QAM	8	7	16.09	16.02	16.04		
3	64QAM	15	0	15.98	16.09	15.84	17.2	0
3	256QAM	1	0	16.13	16.26	16.10		
3	256QAM	1	8	15.94	16.14	15.90		
3	256QAM	1	14	15.98	16.07	15.98		
3	256QAM	8	0	16.11	16.08	15.95	17.2	0
3	256QAM	8	4	15.86	16.09	15.99		
3	256QAM	8	7	16.09	16.04	16.07		
3	256QAM	15	0	16.09	16.11	15.84		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	16.14	16.36	16.18	17.2	0
1.4	QPSK	1	3	16.02	16.14	16.02		
1.4	QPSK	1	5	16.10	16.11	16.04		
1.4	QPSK	3	0	16.21	16.18	15.99		
1.4	QPSK	3	1	15.99	16.20	16.16		
1.4	QPSK	3	3	16.12	16.11	16.08		
1.4	QPSK	6	0	16.11	16.17	16.02	17.2	0
1.4	16QAM	1	0	16.10	16.27	16.04	17.2	0
1.4	16QAM	1	3	16.09	15.99	16.05		
1.4	16QAM	1	5	16.00	16.03	15.91		
1.4	16QAM	3	0	16.09	16.17	15.84		
1.4	16QAM	3	1	15.93	16.14	16.05		
1.4	16QAM	3	3	16.08	16.10	15.99		
1.4	16QAM	6	0	16.10	16.13	16.01	17.2	0
1.4	64QAM	1	0	16.15	16.34	16.10	17.2	0
1.4	64QAM	1	3	16.01	16.09	16.02		
1.4	64QAM	1	5	16.09	15.98	15.96		
1.4	64QAM	3	0	16.04	16.15	15.89		
1.4	64QAM	3	1	15.93	16.18	16.05		
1.4	64QAM	3	3	16.09	16.07	16.00		
1.4	64QAM	6	0	16.00	16.10	15.87	17.2	0
1.4	256QAM	1	0	16.16	16.30	16.10	17.2	0
1.4	256QAM	1	3	15.93	16.13	15.86		
1.4	256QAM	1	5	16.02	16.06	15.95		
1.4	256QAM	3	0	16.12	16.18	15.92		
1.4	256QAM	3	1	15.94	16.07	16.03		
1.4	256QAM	3	3	16.11	16.03	16.10		
1.4	256QAM	6	0	16.09	16.03	15.83	17.2	0

Band 26 for FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.94	22.75	24	0
15	QPSK	1	37	22.69	22.85	22.61		
15	QPSK	1	74	22.71	22.91	22.68		
15	QPSK	36	0	22.66	22.90	22.61	24	0
15	QPSK	36	20	22.58	22.82	22.60		
15	QPSK	36	39	22.68	22.84	22.61		
15	QPSK	75	0	22.63	22.87	22.68		
15	16QAM	1	0	22.62	22.78	22.58	24	0
15	16QAM	1	37	22.59	22.89	22.65		
15	16QAM	1	74	22.64	22.82	22.73		
15	16QAM	36	0	21.74	21.82	21.82	23	1
15	16QAM	36	20	21.64	22.00	21.66		
15	16QAM	36	39	21.65	22.00	21.65		
15	16QAM	75	0	21.70	22.09	21.83		
15	64QAM	1	0	21.65	21.91	21.67	23	1
15	64QAM	1	37	21.75	21.90	21.89		
15	64QAM	1	74	21.81	22.09	21.77		
15	64QAM	36	0	20.77	20.85	20.60	22	2
15	64QAM	36	20	20.61	20.80	20.85		
15	64QAM	36	39	20.67	20.93	20.86		
15	64QAM	75	0	20.90	21.09	20.67		
15	256QAM	1	0	18.83	18.97	18.78	20	4
15	256QAM	1	37	18.77	18.96	18.73		
15	256QAM	1	74	18.66	19.04	18.83		
15	256QAM	36	0	18.68	18.88	18.66	20	4
15	256QAM	36	20	18.90	19.06	18.63		
15	256QAM	36	39	18.61	19.09	18.61		
15	256QAM	75	0	18.82	19.00	18.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.59	22.87	22.60	24	0
10	QPSK	1	25	22.61	22.82	22.44		
10	QPSK	1	49	22.69	22.74	22.64		
10	QPSK	25	0	22.54	22.74	22.55	24	0
10	QPSK	25	12	22.55	22.80	22.43		
10	QPSK	25	25	22.53	22.72	22.55		
10	QPSK	50	0	22.57	22.79	22.65		
10	16QAM	1	0	22.60	22.62	22.46	24	0
10	16QAM	1	25	22.44	22.75	22.49		
10	16QAM	1	49	22.55	22.75	22.59		
10	16QAM	25	0	21.67	21.73	21.65	23	1
10	16QAM	25	12	21.51	21.96	21.60		
10	16QAM	25	25	21.48	21.97	21.51		
10	16QAM	50	0	21.66	22.07	21.81		
10	64QAM	1	0	21.60	21.78	21.61	23	1
10	64QAM	1	25	21.57	21.84	21.77		
10	64QAM	1	49	21.77	22.04	21.64		
10	64QAM	25	0	20.61	20.76	20.48	22	2
10	64QAM	25	12	20.49	20.72	20.72		
10	64QAM	25	25	20.64	20.82	20.69		
10	64QAM	50	0	20.81	20.93	20.56		
10	256QAM	1	0	18.76	18.92	18.69	20	4
10	256QAM	1	25	18.65	18.89	18.55		
10	256QAM	1	49	18.56	18.95	18.78		
10	256QAM	25	0	18.66	18.83	18.58	20	4
10	256QAM	25	12	18.85	18.93	18.52		
10	256QAM	25	25	18.53	18.92	18.56		
10	256QAM	50	0	18.69	18.92	18.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.91	22.63	24	0
5	QPSK	1	12	22.59	22.68	22.51		
5	QPSK	1	24	22.62	22.86	22.59		
5	QPSK	12	0	22.61	22.77	22.48	24	0
5	QPSK	12	7	22.43	22.76	22.47		
5	QPSK	12	13	22.64	22.68	22.52		
5	QPSK	25	0	22.56	22.73	22.64		
5	16QAM	1	0	22.48	22.67	22.56	24	0
5	16QAM	1	12	22.44	22.78	22.49		
5	16QAM	1	24	22.60	22.68	22.61		
5	16QAM	12	0	21.61	21.69	21.65	23	1
5	16QAM	12	7	21.49	21.94	21.58		
5	16QAM	12	13	21.49	21.83	21.59		
5	16QAM	25	0	21.53	21.92	21.72		
5	64QAM	1	0	21.60	21.85	21.61	23	1
5	64QAM	1	12	21.63	21.80	21.72		
5	64QAM	1	24	21.71	22.01	21.63		
5	64QAM	12	0	20.73	20.67	20.43	22	2
5	64QAM	12	7	20.56	20.74	20.78		
5	64QAM	12	13	20.54	20.89	20.80		
5	64QAM	25	0	20.79	20.96	20.56		
5	256QAM	1	0	18.68	18.87	18.72	20	4
5	256QAM	1	12	18.69	18.83	18.59		
5	256QAM	1	24	18.55	18.90	18.78		
5	256QAM	12	0	18.83	18.93	18.73	20	4
5	256QAM	12	7	18.74	18.87	18.87		
5	256QAM	12	13	18.70	18.99	18.90		
5	256QAM	25	0	18.67	18.98	18.58		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.73	22.88	22.72	24	0
3	QPSK	1	8	22.57	22.72	22.58		
3	QPSK	1	14	22.59	22.81	22.54		
3	QPSK	8	0	22.50	22.74	22.56	24	0
3	QPSK	8	4	22.43	22.73	22.54		
3	QPSK	8	7	22.63	22.77	22.44		
3	QPSK	15	0	22.58	22.81	22.58		
3	16QAM	1	0	22.56	22.66	22.46	24	0
3	16QAM	1	8	22.54	22.73	22.47		
3	16QAM	1	14	22.51	22.75	22.70		
3	16QAM	8	0	21.63	21.66	21.79	23	1
3	16QAM	8	4	21.54	21.86	21.62		
3	16QAM	8	7	21.54	21.82	21.58		
3	16QAM	15	0	21.54	21.95	21.69		
3	64QAM	1	0	21.58	21.74	21.57	23	1
3	64QAM	1	8	21.66	21.73	21.77		
3	64QAM	1	14	21.73	22.06	21.61		
3	64QAM	8	0	20.70	20.71	20.52	22	2
3	64QAM	8	4	20.47	20.64	20.79		
3	64QAM	8	7	20.50	20.83	20.80		
3	64QAM	15	0	20.85	21.03	20.60		
3	256QAM	1	0	18.70	18.90	18.64	20	4
3	256QAM	1	8	18.67	18.85	18.65		
3	256QAM	1	14	18.55	18.90	18.80		
3	256QAM	8	0	18.66	18.86	18.79	20	4
3	256QAM	8	4	18.67	19.00	18.75		
3	256QAM	8	7	18.68	18.89	18.62		
3	256QAM	15	0	18.70	18.91	18.60		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.79	22.70	24	0
1.4	QPSK	1	3	22.59	22.92	22.69		
1.4	QPSK	1	5	22.62	22.83	22.59		
1.4	QPSK	3	0	22.63	22.87	22.68		
1.4	QPSK	3	1	22.65	22.80	22.60		
1.4	QPSK	3	3	22.67	22.83	22.73		
1.4	QPSK	6	0	22.71	22.83	22.66	24	0
1.4	16QAM	1	0	22.73	22.86	22.72	24	0
1.4	16QAM	1	3	22.63	22.90	22.65		
1.4	16QAM	1	5	22.60	22.77	22.71		
1.4	16QAM	3	0	22.71	22.89	22.60		
1.4	16QAM	3	1	22.73	22.83	22.67		
1.4	16QAM	3	3	22.66	22.82	22.58		
1.4	16QAM	6	0	21.87	21.80	21.79	23	1
1.4	64QAM	1	0	21.87	21.86	21.66	23	1
1.4	64QAM	1	3	21.76	22.07	21.75		
1.4	64QAM	1	5	21.71	22.04	21.66		
1.4	64QAM	3	0	21.66	21.84	21.82		
1.4	64QAM	3	1	21.77	21.98	21.77		
1.4	64QAM	3	3	21.74	21.81	21.83		
1.4	64QAM	6	0	20.69	21.03	20.86	22	2
1.4	256QAM	1	0	18.68	18.84	18.68	20	4
1.4	256QAM	1	3	18.82	18.81	18.88		
1.4	256QAM	1	5	18.77	18.90	18.69		
1.4	256QAM	3	0	18.81	19.06	18.75		
1.4	256QAM	3	1	18.89	18.83	18.60		
1.4	256QAM	3	3	18.86	18.97	18.81		
1.4	256QAM	6	0	18.84	18.91	18.79	20	4

Band 66

BW [MHz]	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	17.51	17.60	17.36	19	0
20	QPSK	1	49	17.44	17.48	17.33		
20	QPSK	1	99	17.40	17.35	17.36		
20	QPSK	50	0	17.50	17.52	17.29	19	0
20	QPSK	50	24	17.39	17.41	17.37		
20	QPSK	50	50	17.26	17.45	17.31		
20	QPSK	100	0	17.29	17.32	17.28		
20	16QAM	1	0	17.38	17.47	17.29	19	0
20	16QAM	1	49	17.31	17.42	17.28		
20	16QAM	1	99	17.38	17.22	17.22		
20	16QAM	50	0	17.43	17.47	17.26	19	0
20	16QAM	50	24	17.30	17.32	17.24		
20	16QAM	50	50	17.20	17.41	17.19		
20	16QAM	100	0	17.26	17.26	17.20		
20	64QAM	1	0	17.47	17.46	17.30	19	0
20	64QAM	1	49	17.36	17.35	17.21		
20	64QAM	1	99	17.28	17.25	17.26		
20	64QAM	50	0	17.37	17.40	17.19	19	0
20	64QAM	50	24	17.35	17.37	17.28		
20	64QAM	50	50	17.20	17.39	17.21		
20	64QAM	100	0	17.17	17.29	17.23		
20	256QAM	1	0	17.42	17.55	17.34	19	0
20	256QAM	1	49	17.33	17.41	17.20		
20	256QAM	1	99	17.38	17.22	17.31		
20	256QAM	50	0	17.39	17.46	17.19	19	0
20	256QAM	50	24	17.33	17.35	17.23		
20	256QAM	50	50	17.15	17.42	17.25		
20	256QAM	100	0	17.19	17.26	17.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.49	17.49	17.32	19	0
15	QPSK	1	37	17.41	17.40	17.24		
15	QPSK	1	74	17.28	17.28	17.28		
15	QPSK	36	0	17.42	17.43	17.19	19	0
15	QPSK	36	20	17.29	17.38	17.31		
15	QPSK	36	39	17.15	17.40	17.23		
15	QPSK	75	0	17.21	17.23	17.23		
15	16QAM	1	0	17.30	17.34	17.23	19	0
15	16QAM	1	37	17.27	17.29	17.21		
15	16QAM	1	74	17.30	17.16	17.18		
15	16QAM	36	0	17.32	17.44	17.20	19	0
15	16QAM	36	20	17.21	17.26	17.18		
15	16QAM	36	39	17.07	17.36	17.15		
15	16QAM	75	0	17.14	17.12	17.08		
15	64QAM	1	0	17.40	17.37	17.22	19	0
15	64QAM	1	37	17.26	17.30	17.13		
15	64QAM	1	74	17.22	17.22	17.17		
15	64QAM	36	0	17.25	17.33	17.14	19	0
15	64QAM	36	20	17.31	17.33	17.18		
15	64QAM	36	39	17.13	17.29	17.19		
15	64QAM	75	0	17.08	17.16	17.11		
15	256QAM	1	0	17.31	17.46	17.29	19	0
15	256QAM	1	37	17.28	17.38	17.08		
15	256QAM	1	74	17.27	17.18	17.24		
15	256QAM	36	0	17.36	17.39	17.10	19	0
15	256QAM	36	20	17.26	17.21	17.11		
15	256QAM	36	39	17.04	17.31	17.21		
15	256QAM	75	0	17.10	17.14	17.06		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.38	17.48	17.30	19	0
10	QPSK	1	25	17.34	17.46	17.26		
10	QPSK	1	49	17.38	17.25	17.24		
10	QPSK	25	0	17.40	17.48	17.20	19	0
10	QPSK	25	12	17.36	17.36	17.32		
10	QPSK	25	25	17.19	17.41	17.24		
10	QPSK	50	0	17.25	17.26	17.18		
10	16QAM	1	0	17.24	17.40	17.19	19	0
10	16QAM	1	25	17.27	17.36	17.20		
10	16QAM	1	49	17.32	17.13	17.10		
10	16QAM	25	0	17.31	17.42	17.21	19	0
10	16QAM	25	12	17.17	17.24	17.19		
10	16QAM	25	25	17.14	17.36	17.13		
10	16QAM	50	0	17.16	17.15	17.15		
10	64QAM	1	0	17.38	17.41	17.25	19	0
10	64QAM	1	25	17.28	17.30	17.14		
10	64QAM	1	49	17.18	17.17	17.16		
10	64QAM	25	0	17.29	17.36	17.11	19	0
10	64QAM	25	12	17.28	17.23	17.25		
10	64QAM	25	25	17.08	17.32	17.17		
10	64QAM	50	0	17.14	17.19	17.11		
10	256QAM	1	0	17.29	17.50	17.30	19	0
10	256QAM	1	25	17.28	17.30	17.16		
10	256QAM	1	49	17.33	17.18	17.26		
10	256QAM	25	0	17.36	17.36	17.06	19	0
10	256QAM	25	12	17.21	17.33	17.10		
10	256QAM	25	25	17.13	17.34	17.22		
10	256QAM	50	0	17.17	17.22	17.07		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.47	17.48	17.26	19	0
5	QPSK	1	12	17.32	17.36	17.20		
5	QPSK	1	24	17.34	17.22	17.25		
5	QPSK	12	0	17.41	17.39	17.24	19	0
5	QPSK	12	7	17.30	17.29	17.32		
5	QPSK	12	13	17.24	17.42	17.20		
5	QPSK	25	0	17.27	17.27	17.25		
5	16QAM	1	0	17.31	17.41	17.18	19	0
5	16QAM	1	12	17.25	17.29	17.22		
5	16QAM	1	24	17.31	17.11	17.15		
5	16QAM	12	0	17.40	17.41	17.20	19	0
5	16QAM	12	7	17.16	17.29	17.22		
5	16QAM	12	13	17.15	17.31	17.15		
5	16QAM	25	0	17.15	17.13	17.14		
5	64QAM	1	0	17.36	17.40	17.25	19	0
5	64QAM	1	12	17.33	17.22	17.12		
5	64QAM	1	24	17.20	17.17	17.16		
5	64QAM	12	0	17.24	17.30	17.06	19	0
5	64QAM	12	7	17.26	17.34	17.15		
5	64QAM	12	13	17.15	17.29	17.10		
5	64QAM	25	0	17.03	17.24	17.20		
5	256QAM	1	0	17.28	17.45	17.29	19	0
5	256QAM	1	12	17.22	17.36	17.15		
5	256QAM	1	24	17.33	17.18	17.26		
5	256QAM	12	0	17.36	17.43	17.12	19	0
5	256QAM	12	7	17.25	17.29	17.09		
5	256QAM	12	13	17.02	17.30	17.11		
5	256QAM	25	0	17.07	17.20	17.05		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.45	17.52	17.25	19	0
3	QPSK	1	8	17.41	17.40	17.22		
3	QPSK	1	14	17.27	17.29	17.25		
3	QPSK	8	0	17.44	17.49	17.18	19	0
3	QPSK	8	4	17.35	17.38	17.25		
3	QPSK	8	7	17.24	17.38	17.18		
3	QPSK	15	0	17.25	17.19	17.24		
3	16QAM	1	0	17.32	17.41	17.23	19	0
3	16QAM	1	8	17.21	17.39	17.26		
3	16QAM	1	14	17.28	17.14	17.19		
3	16QAM	8	0	17.39	17.37	17.18	19	0
3	16QAM	8	4	17.27	17.27	17.14		
3	16QAM	8	7	17.08	17.30	17.13		
3	16QAM	15	0	17.15	17.19	17.15		
3	64QAM	1	0	17.37	17.40	17.20	19	0
3	64QAM	1	8	17.26	17.24	17.09		
3	64QAM	1	14	17.18	17.15	17.16		
3	64QAM	8	0	17.31	17.37	17.10	19	0
3	64QAM	8	4	17.27	17.31	17.20		
3	64QAM	8	7	17.12	17.27	17.11		
3	64QAM	15	0	17.06	17.20	17.10		
3	256QAM	1	0	17.40	17.48	17.22	19	0
3	256QAM	1	8	17.27	17.38	17.17		
3	256QAM	1	14	17.26	17.12	17.27		
3	256QAM	8	0	17.31	17.33	17.16	19	0
3	256QAM	8	4	17.21	17.33	17.15		
3	256QAM	8	7	17.08	17.29	17.22		
3	256QAM	15	0	17.08	17.14	17.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.45	17.46	17.27	19	0
1.4	QPSK	1	3	17.32	17.44	17.25		
1.4	QPSK	1	5	17.29	17.22	17.31		
1.4	QPSK	3	0	17.45	17.46	17.23		
1.4	QPSK	3	1	17.26	17.32	17.23		
1.4	QPSK	3	3	17.18	17.41	17.22		
1.4	QPSK	6	0	17.17	17.24	17.17	19	0
1.4	16QAM	1	0	17.29	17.34	17.24	19	0
1.4	16QAM	1	3	17.20	17.38	17.22		
1.4	16QAM	1	5	17.35	17.15	17.19		
1.4	16QAM	3	0	17.38	17.40	17.20		
1.4	16QAM	3	1	17.22	17.22	17.14		
1.4	16QAM	3	3	17.17	17.30	17.12		
1.4	16QAM	6	0	17.14	17.19	17.10	19	0
1.4	64QAM	1	0	17.43	17.40	17.26	19	0
1.4	64QAM	1	3	17.26	17.32	17.08		
1.4	64QAM	1	5	17.21	17.20	17.22		
1.4	64QAM	3	0	17.31	17.38	17.17		
1.4	64QAM	3	1	17.27	17.34	17.20		
1.4	64QAM	3	3	17.16	17.26	17.11		
1.4	64QAM	6	0	17.03	17.17	17.17	19	0
1.4	256QAM	1	0	17.31	17.42	17.28	19	0
1.4	256QAM	1	3	17.24	17.32	17.09		
1.4	256QAM	1	5	17.26	17.20	17.25		
1.4	256QAM	3	0	17.28	17.41	17.09		
1.4	256QAM	3	1	17.27	17.26	17.17		
1.4	256QAM	3	3	17.13	17.40	17.23		
1.4	256QAM	6	0	17.07	17.18	17.14	19	0

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.82	22.98	22.91	24	0
20	QPSK	1	49	22.70	22.83	22.83		
20	QPSK	1	99	22.79	22.88	22.78		
20	QPSK	50	0	22.66	22.89	22.78	24	0
20	QPSK	50	24	22.80	22.86	22.80		
20	QPSK	50	50	22.68	22.88	22.87		
20	QPSK	100	0	22.78	22.85	22.83		
20	16QAM	1	0	22.77	22.92	22.77	24	0
20	16QAM	1	49	22.75	22.83	22.79		
20	16QAM	1	99	22.79	22.86	22.88		
20	16QAM	50	0	21.78	21.83	21.83	23	1
20	16QAM	50	24	21.94	21.95	21.90		
20	16QAM	50	50	21.91	21.90	21.96		
20	16QAM	100	0	21.94	22.07	22.01		
20	64QAM	1	0	21.83	21.99	21.81	23	1
20	64QAM	1	49	21.84	22.10	21.78		
20	64QAM	1	99	21.78	22.03	21.94		
20	64QAM	50	0	20.84	21.10	21.01	22	2
20	64QAM	50	24	20.96	20.92	20.95		
20	64QAM	50	50	20.86	21.03	20.94		
20	64QAM	100	0	20.87	20.93	20.99		
20	256QAM	1	0	18.79	18.88	18.82	20	4
20	256QAM	1	49	18.95	19.09	18.92		
20	256QAM	1	99	18.90	19.11	18.94		
20	256QAM	50	0	18.68	19.07	18.92	20	4
20	256QAM	50	24	18.80	19.11	18.95		
20	256QAM	50	50	18.89	19.09	19.04		
20	256QAM	100	0	18.82	18.84	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.77	22.88	22.74	24	0
15	QPSK	1	37	22.67	22.67	22.69		
15	QPSK	1	74	22.72	22.83	22.71		
15	QPSK	36	0	22.48	22.73	22.69	24	0
15	QPSK	36	20	22.76	22.73	22.65		
15	QPSK	36	39	22.62	22.71	22.69		
15	QPSK	75	0	22.64	22.81	22.81		
15	16QAM	1	0	22.70	22.87	22.64	24	0
15	16QAM	1	37	22.67	22.78	22.70		
15	16QAM	1	74	22.67	22.68	22.75		
15	16QAM	36	0	21.61	21.75	21.77	23	1
15	16QAM	36	20	21.90	21.91	21.82		
15	16QAM	36	39	21.82	21.78	21.81		
15	16QAM	75	0	21.91	22.03	21.91		
15	64QAM	1	0	21.79	21.94	21.78	23	1
15	64QAM	1	37	21.70	21.98	21.75		
15	64QAM	1	74	21.69	21.93	21.85		
15	64QAM	36	0	20.72	20.99	20.93	22	2
15	64QAM	36	20	20.79	20.87	20.78		
15	64QAM	36	39	20.79	20.90	20.83		
15	64QAM	75	0	20.84	20.84	20.92		
15	256QAM	1	0	18.76	18.74	18.75	20	4
15	256QAM	1	37	18.88	18.96	18.80		
15	256QAM	1	74	18.83	19.06	18.84		
15	256QAM	36	0	18.61	18.96	18.88	20	4
15	256QAM	36	20	18.72	19.06	18.86		
15	256QAM	36	39	18.79	18.94	18.90		
15	256QAM	75	0	18.70	18.71	18.77		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.71	22.93	22.75	24	0
10	QPSK	1	25	22.53	22.68	22.75		
10	QPSK	1	49	22.63	22.81	22.64		
10	QPSK	25	0	22.61	22.73	22.73	24	0
10	QPSK	25	12	22.71	22.74	22.77		
10	QPSK	25	25	22.64	22.76	22.73		
10	QPSK	50	0	22.70	22.82	22.75		
10	16QAM	1	0	22.64	22.90	22.61	24	0
10	16QAM	1	25	22.59	22.65	22.75		
10	16QAM	1	49	22.76	22.77	22.80		
10	16QAM	25	0	21.71	21.77	21.67	23	1
10	16QAM	25	12	21.86	21.85	21.75		
10	16QAM	25	25	21.75	21.82	21.91		
10	16QAM	50	0	21.86	21.92	21.94		
10	64QAM	1	0	21.73	21.92	21.68	23	1
10	64QAM	1	25	21.73	22.00	21.72		
10	64QAM	1	49	21.68	21.96	21.88		
10	64QAM	25	0	20.70	21.06	20.95	22	2
10	64QAM	25	12	20.87	20.86	20.78		
10	64QAM	25	25	20.70	21.00	20.84		
10	64QAM	50	0	20.70	20.91	20.88		
10	256QAM	1	0	18.65	18.74	18.67	20	4
10	256QAM	1	25	18.83	18.93	18.82		
10	256QAM	1	49	18.77	19.08	18.90		
10	256QAM	25	0	18.61	19.04	18.80	20	4
10	256QAM	25	12	18.70	18.93	18.80		
10	256QAM	25	25	18.79	18.94	18.92		
10	256QAM	50	0	18.70	18.74	18.86		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.69	22.87	22.79	24	0
5	QPSK	1	12	22.66	22.73	22.76		
5	QPSK	1	24	22.73	22.78	22.71		
5	QPSK	12	0	22.61	22.80	22.64	24	0
5	QPSK	12	7	22.67	22.79	22.70		
5	QPSK	12	13	22.61	22.76	22.78		
5	QPSK	25	0	22.70	22.80	22.72		
5	16QAM	1	0	22.73	22.87	22.66	24	0
5	16QAM	1	12	22.63	22.70	22.72		
5	16QAM	1	24	22.70	22.83	22.84		
5	16QAM	12	0	21.75	21.79	21.66	23	1
5	16QAM	12	7	21.78	21.89	21.79		
5	16QAM	12	13	21.76	21.76	21.93		
5	16QAM	25	0	21.91	22.02	21.86		
5	64QAM	1	0	21.67	21.95	21.73	23	1
5	64QAM	1	12	21.79	21.96	21.61		
5	64QAM	1	24	21.74	21.98	21.87		
5	64QAM	12	0	20.75	21.07	20.93	22	2
5	64QAM	12	7	20.79	20.77	20.78		
5	64QAM	12	13	20.72	20.91	20.92		
5	64QAM	25	0	20.77	20.86	20.90		
5	256QAM	1	0	18.69	18.86	18.75	20	4
5	256QAM	1	12	18.90	18.97	18.86		
5	256QAM	1	24	18.82	19.05	18.83		
5	256QAM	12	0	18.62	18.98	18.88	20	4
5	256QAM	12	7	18.70	19.03	18.79		
5	256QAM	12	13	18.84	18.96	18.95		
5	256QAM	25	0	18.74	18.77	18.79		

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537.2	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	16.91	16.87	16.82	17.70	18.38	18.44	18.42	19.70	21.93	21.97	21.98	23.00
3GPP Rel 99	RMC 12.2Kbps	17.01	17.06	16.92	17.70	18.48	18.62	18.58	19.70	21.98	22.02	21.99	23.00
3GPP Rel 6	HSDPA Subtest-1	15.90	15.99	16.05	16.70	17.42	17.41	17.51	18.70	21.05	21.06	21.14	22.00
3GPP Rel 6	HSDPA Subtest-2	15.89	16.04	15.93	16.70	17.59	17.61	17.31	18.70	20.87	21.14	21.00	22.00
3GPP Rel 6	HSDPA Subtest-3	15.38	15.49	15.52	16.20	17.05	17.16	16.93	18.20	20.29	20.69	20.43	21.50
3GPP Rel 6	HSDPA Subtest-4	15.53	15.53	15.43	16.20	17.12	16.87	17.10	18.20	20.59	20.62	20.67	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.97	16.01	15.81	16.70	17.65	17.66	17.59	18.70	21.05	20.96	21.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.90	15.92	15.79	16.70	17.44	17.65	17.69	18.70	20.80	20.98	21.11	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.47	15.54	15.55	16.20	17.13	17.11	16.97	18.20	20.46	20.64	20.53	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.46	15.40	15.43	16.20	17.05	17.14	17.25	18.20	20.54	20.53	20.49	21.50
3GPP Rel 6	HSUPA Subtest-1	15.97	15.84	15.74	16.70	17.46	17.64	17.64	18.70	20.99	21.05	20.84	22.00
3GPP Rel 6	HSUPA Subtest-2	13.99	14.09	13.74	14.70	15.61	15.50	15.56	16.70	18.93	18.97	19.08	20.00
3GPP Rel 6	HSUPA Subtest-3	15.11	15.02	14.92	15.70	16.48	16.38	16.58	17.70	19.91	20.14	20.18	21.00
3GPP Rel 6	HSUPA Subtest-4	14.01	14.10	13.90	14.70	15.40	15.76	15.58	16.70	19.13	19.19	19.08	20.00
3GPP Rel 6	HSUPA Subtest-5	16.02	15.97	15.86	16.70	17.51	17.56	17.55	18.70	21.14	20.91	21.06	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	13.62	13.47	13.49	14.20	15.12	15.14	15.16	16.20	18.53	18.55	18.61	19.50

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.99	17.08	17.03	18.4	0
20	QPSK	1	49	17.02	16.91	17.05		
20	QPSK	1	99	17.03	16.91	17.00		
20	QPSK	50	0	16.96	17.00	16.96	18.4	0
20	QPSK	50	24	16.84	16.87	16.96		
20	QPSK	50	50	16.96	16.79	16.99		
20	QPSK	100	0	16.85	16.96	16.95		
20	16QAM	1	0	17.06	16.97	16.94	18.4	0
20	16QAM	1	49	16.96	16.94	16.94		
20	16QAM	1	99	17.04	16.91	16.91		
20	16QAM	50	0	16.90	16.97	16.98	18.4	0
20	16QAM	50	24	17.05	16.99	16.95		
20	16QAM	50	50	17.01	16.94	17.03		
20	16QAM	100	0	16.96	16.94	16.91		
20	64QAM	1	0	17.04	16.92	16.97	18.4	0
20	64QAM	1	49	17.05	17.05	16.98		
20	64QAM	1	99	16.91	16.91	17.04		
20	64QAM	50	0	17.05	16.97	16.96	18.4	0
20	64QAM	50	24	17.01	16.94	16.91		
20	64QAM	50	50	17.01	17.03	16.91		
20	64QAM	100	0	17.06	16.97	16.94		
20	256QAM	1	0	16.93	17.02	16.92	18.4	0
20	256QAM	1	49	17.05	17.00	16.93		
20	256QAM	1	99	17.03	17.04	16.93		
20	256QAM	50	0	16.96	16.99	16.96	18.4	0
20	256QAM	50	24	16.94	16.90	16.94		
20	256QAM	50	50	16.90	16.94	16.99		
20	256QAM	100	0	16.98	16.91	16.98		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.89	16.98	16.93	18.4	0
15	QPSK	1	37	16.92	16.81	16.95		
15	QPSK	1	74	16.93	16.81	16.90		
15	QPSK	36	0	16.86	16.90	16.86	18.4	0
15	QPSK	36	20	16.74	16.77	16.86		
15	QPSK	36	39	16.86	16.69	16.89		
15	QPSK	75	0	16.75	16.86	16.85		
15	16QAM	1	0	16.96	16.87	16.84	18.4	0
15	16QAM	1	37	16.86	16.84	16.84		
15	16QAM	1	74	16.94	16.81	16.81		
15	16QAM	36	0	16.80	16.87	16.88	18.4	0
15	16QAM	36	20	16.95	16.89	16.85		
15	16QAM	36	39	16.91	16.84	16.93		
15	16QAM	75	0	16.86	16.84	16.81		
15	64QAM	1	0	16.94	16.82	16.87	18.4	0
15	64QAM	1	37	16.95	16.95	16.88		
15	64QAM	1	74	16.81	16.81	16.94		
15	64QAM	36	0	16.95	16.87	16.86	18.4	0
15	64QAM	36	20	16.91	16.84	16.81		
15	64QAM	36	39	16.91	16.93	16.81		
15	64QAM	75	0	16.96	16.87	16.84		
15	256QAM	1	0	16.83	16.92	16.82	18.4	0
15	256QAM	1	37	16.95	16.90	16.83		
15	256QAM	1	74	16.93	16.94	16.83		
15	256QAM	36	0	16.86	16.89	16.86	18.4	0
15	256QAM	36	20	16.84	16.80	16.84		
15	256QAM	36	39	16.80	16.84	16.89		
15	256QAM	75	0	16.88	16.81	16.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.89	16.98	16.93	18.4	0
10	QPSK	1	25	16.92	16.81	16.95		
10	QPSK	1	49	16.93	16.81	16.90		
10	QPSK	25	0	16.86	16.90	16.86	18.4	0
10	QPSK	25	12	16.74	16.77	16.86		
10	QPSK	25	25	16.86	16.69	16.89		
10	QPSK	50	0	16.75	16.86	16.85		
10	16QAM	1	0	16.96	16.87	16.84	18.4	0
10	16QAM	1	25	16.86	16.84	16.84		
10	16QAM	1	49	16.94	16.81	16.81		
10	16QAM	25	0	16.80	16.87	16.88	18.4	0
10	16QAM	25	12	16.95	16.89	16.85		
10	16QAM	25	25	16.91	16.84	16.93		
10	16QAM	50	0	16.86	16.84	16.81		
10	64QAM	1	0	16.94	16.82	16.87	18.4	0
10	64QAM	1	25	16.95	16.95	16.88		
10	64QAM	1	49	16.81	16.81	16.94		
10	64QAM	25	0	16.95	16.87	16.86	18.4	0
10	64QAM	25	12	16.91	16.84	16.81		
10	64QAM	25	25	16.91	16.93	16.81		
10	64QAM	50	0	16.96	16.87	16.84		
10	256QAM	1	0	16.83	16.92	16.82	18.4	0
10	256QAM	1	25	16.95	16.90	16.83		
10	256QAM	1	49	16.93	16.94	16.83		
10	256QAM	25	0	16.86	16.89	16.86	18.4	0
10	256QAM	25	12	16.84	16.80	16.84		
10	256QAM	25	25	16.80	16.84	16.89		
10	256QAM	50	0	16.88	16.81	16.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.89	16.98	16.93	18.4	0
5	QPSK	1	12	16.92	16.81	16.95		
5	QPSK	1	24	16.93	16.81	16.90		
5	QPSK	12	0	16.86	16.90	16.86	18.4	0
5	QPSK	12	7	16.74	16.77	16.86		
5	QPSK	12	13	16.86	16.69	16.89		
5	QPSK	25	0	16.75	16.86	16.85		
5	16QAM	1	0	16.96	16.87	16.84	18.4	0
5	16QAM	1	12	16.86	16.84	16.84		
5	16QAM	1	24	16.94	16.81	16.81		
5	16QAM	12	0	16.80	16.87	16.88	18.4	0
5	16QAM	12	7	16.95	16.89	16.85		
5	16QAM	12	13	16.91	16.84	16.93		
5	16QAM	25	0	16.86	16.84	16.81		
5	64QAM	1	0	16.94	16.82	16.87	18.4	0
5	64QAM	1	12	16.95	16.95	16.88		
5	64QAM	1	24	16.81	16.81	16.94		
5	64QAM	12	0	16.95	16.87	16.86	18.4	0
5	64QAM	12	7	16.91	16.84	16.81		
5	64QAM	12	13	16.91	16.93	16.81		
5	64QAM	25	0	16.96	16.87	16.84		
5	256QAM	1	0	16.83	16.92	16.82	18.4	0
5	256QAM	1	12	16.95	16.90	16.83		
5	256QAM	1	24	16.93	16.94	16.83		
5	256QAM	12	0	16.86	16.89	16.86	18.4	0
5	256QAM	12	7	16.84	16.80	16.84		
5	256QAM	12	13	16.80	16.84	16.89		
5	256QAM	25	0	16.88	16.81	16.88		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.89	16.98	16.93	18.4	0
3	QPSK	1	8	16.92	16.81	16.95		
3	QPSK	1	14	16.93	16.81	16.90		
3	QPSK	8	0	16.86	16.90	16.86	18.4	0
3	QPSK	8	4	16.74	16.77	16.86		
3	QPSK	8	7	16.86	16.69	16.89		
3	QPSK	15	0	16.75	16.86	16.85		
3	16QAM	1	0	16.96	16.87	16.84	18.4	0
3	16QAM	1	8	16.86	16.84	16.84		
3	16QAM	1	14	16.94	16.81	16.81		
3	16QAM	8	0	16.80	16.87	16.88	18.4	0
3	16QAM	8	4	16.95	16.89	16.85		
3	16QAM	8	7	16.91	16.84	16.93		
3	16QAM	15	0	16.86	16.84	16.81		
3	64QAM	1	0	16.94	16.82	16.87	18.4	0
3	64QAM	1	8	16.95	16.95	16.88		
3	64QAM	1	14	16.81	16.81	16.94		
3	64QAM	8	0	16.95	16.87	16.86	18.4	0
3	64QAM	8	4	16.91	16.84	16.81		
3	64QAM	8	7	16.91	16.93	16.81		
3	64QAM	15	0	16.96	16.87	16.84		
3	256QAM	1	0	16.83	16.92	16.82	18.4	0
3	256QAM	1	8	16.95	16.90	16.83		
3	256QAM	1	14	16.93	16.94	16.83		
3	256QAM	8	0	16.86	16.89	16.86	18.4	0
3	256QAM	8	4	16.84	16.80	16.84		
3	256QAM	8	7	16.80	16.84	16.89		
3	256QAM	15	0	16.88	16.81	16.88		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.89	16.98	16.93	18.4	0
1.4	QPSK	1	3	16.92	16.81	16.95		
1.4	QPSK	1	5	16.93	16.81	16.90		
1.4	QPSK	3	0	16.86	16.90	16.86		
1.4	QPSK	3	1	16.74	16.77	16.86		
1.4	QPSK	3	3	16.86	16.69	16.89		
1.4	QPSK	6	0	16.75	16.86	16.85	18.4	0
1.4	16QAM	1	0	16.96	16.87	16.84	18.4	0
1.4	16QAM	1	3	16.86	16.84	16.84		
1.4	16QAM	1	5	16.94	16.81	16.81		
1.4	16QAM	3	0	16.80	16.87	16.88		
1.4	16QAM	3	1	16.95	16.89	16.85		
1.4	16QAM	3	3	16.91	16.84	16.93		
1.4	16QAM	6	0	16.86	16.84	16.81	18.4	0
1.4	64QAM	1	0	16.94	16.82	16.87	18.4	0
1.4	64QAM	1	3	16.95	16.95	16.88		
1.4	64QAM	1	5	16.81	16.81	16.94		
1.4	64QAM	3	0	16.95	16.87	16.86		
1.4	64QAM	3	1	16.91	16.84	16.81		
1.4	64QAM	3	3	16.91	16.93	16.81		
1.4	64QAM	6	0	16.96	16.87	16.84	18.4	0
1.4	256QAM	1	0	16.83	16.92	16.82	18.4	0
1.4	256QAM	1	3	16.95	16.90	16.83		
1.4	256QAM	1	5	16.93	16.94	16.83		
1.4	256QAM	3	0	16.86	16.89	16.86		
1.4	256QAM	3	1	16.84	16.80	16.84		
1.4	256QAM	3	3	16.80	16.84	16.89		
1.4	256QAM	6	0	16.88	16.81	16.88	18.4	0

Band 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	17.87	17.98	17.89	19.3	0
20	QPSK	1	49	17.94	17.92	17.86		
20	QPSK	1	99	17.92	17.96	17.83		
20	QPSK	50	0	17.84	17.95	17.91	19.3	0
20	QPSK	50	24	17.83	17.86	17.93		
20	QPSK	50	50	17.93	17.86	17.82		
20	QPSK	100	0	17.92	17.96	17.91		
20	16QAM	1	0	17.94	17.83	17.93	19.3	0
20	16QAM	1	49	17.93	17.95	17.81		
20	16QAM	1	99	17.83	17.87	17.86		
20	16QAM	50	0	17.93	17.83	17.85	19.3	0
20	16QAM	50	24	17.81	17.93	17.84		
20	16QAM	50	50	17.82	17.83	17.90		
20	16QAM	100	0	17.92	17.85	17.83		
20	64QAM	1	0	17.87	17.86	17.86	19.3	0
20	64QAM	1	49	17.82	17.94	17.88		
20	64QAM	1	99	17.88	17.93	17.87		
20	64QAM	50	0	17.85	17.91	17.85	19.3	0
20	64QAM	50	24	17.83	17.95	17.84		
20	64QAM	50	50	17.87	17.94	17.84		
20	64QAM	100	0	17.92	17.84	17.83		
20	256QAM	1	0	17.86	17.89	17.91	19.3	0
20	256QAM	1	49	17.81	17.84	17.88		
20	256QAM	1	99	17.84	17.95	17.80		
20	256QAM	50	0	17.95	17.96	17.84	19.3	0
20	256QAM	50	24	17.85	17.88	17.89		
20	256QAM	50	50	17.82	17.92	17.83		
20	256QAM	100	0	17.81	17.96	17.80		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.74	17.96	17.82	19.3	0
15	QPSK	1	37	17.84	17.85	17.69		
15	QPSK	1	74	17.79	17.81	17.68		
15	QPSK	36	0	17.76	17.82	17.88	19.3	0
15	QPSK	36	20	17.73	17.77	17.81		
15	QPSK	36	39	17.88	17.81	17.65		
15	QPSK	75	0	17.90	17.79	17.82		
15	16QAM	1	0	17.91	17.79	17.81	19.3	0
15	16QAM	1	37	17.87	17.87	17.76		
15	16QAM	1	74	17.69	17.69	17.79		
15	16QAM	36	0	17.75	17.79	17.68	19.3	0
15	16QAM	36	20	17.78	17.89	17.80		
15	16QAM	36	39	17.77	17.78	17.75		
15	16QAM	75	0	17.81	17.81	17.81		
15	64QAM	1	0	17.71	17.69	17.79	19.3	0
15	64QAM	1	37	17.70	17.80	17.76		
15	64QAM	1	74	17.71	17.83	17.80		
15	64QAM	36	0	17.75	17.80	17.69	19.3	0
15	64QAM	36	20	17.66	17.79	17.69		
15	64QAM	36	39	17.77	17.77	17.76		
15	64QAM	75	0	17.77	17.69	17.78		
15	256QAM	1	0	17.70	17.82	17.75	19.3	0
15	256QAM	1	37	17.78	17.78	17.86		
15	256QAM	1	74	17.67	17.85	17.64		
15	256QAM	36	0	17.83	17.87	17.66	19.3	0
15	256QAM	36	20	17.83	17.71	17.73		
15	256QAM	36	39	17.65	17.75	17.70		
15	256QAM	75	0	17.71	17.87	17.76		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.75	17.95	17.79	19.3	0
10	QPSK	1	25	17.85	17.80	17.84		
10	QPSK	1	49	17.81	17.81	17.78		
10	QPSK	25	0	17.67	17.92	17.81	19.3	0
10	QPSK	25	12	17.75	17.80	17.84		
10	QPSK	25	25	17.90	17.73	17.77		
10	QPSK	50	0	17.82	17.88	17.82		
10	16QAM	1	0	17.79	17.79	17.82	19.3	0
10	16QAM	1	25	17.83	17.90	17.70		
10	16QAM	1	49	17.75	17.84	17.81		
10	16QAM	25	0	17.77	17.74	17.73	19.3	0
10	16QAM	25	12	17.64	17.87	17.75		
10	16QAM	25	25	17.77	17.81	17.80		
10	16QAM	50	0	17.80	17.69	17.67		
10	64QAM	1	0	17.77	17.75	17.76	19.3	0
10	64QAM	1	25	17.66	17.84	17.85		
10	64QAM	1	49	17.76	17.86	17.78		
10	64QAM	25	0	17.83	17.83	17.74	19.3	0
10	64QAM	25	12	17.68	17.87	17.69		
10	64QAM	25	25	17.80	17.91	17.70		
10	64QAM	50	0	17.89	17.69	17.72		
10	256QAM	1	0	17.79	17.79	17.86	19.3	0
10	256QAM	1	25	17.75	17.74	17.83		
10	256QAM	1	49	17.82	17.86	17.78		
10	256QAM	25	0	17.91	17.79	17.80	19.3	0
10	256QAM	25	12	17.71	17.74	17.82		
10	256QAM	25	25	17.75	17.88	17.74		
10	256QAM	50	0	17.71	17.85	17.76		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.84	17.86	17.77	19.3	0
5	QPSK	1	12	17.88	17.87	17.68		
5	QPSK	1	24	17.87	17.82	17.65		
5	QPSK	12	0	17.75	17.92	17.78	19.3	0
5	QPSK	12	7	17.71	17.75	17.82		
5	QPSK	12	13	17.84	17.72	17.67		
5	QPSK	25	0	17.83	17.83	17.74		
5	16QAM	1	0	17.80	17.67	17.76	19.3	0
5	16QAM	1	12	17.85	17.89	17.64		
5	16QAM	1	24	17.71	17.73	17.70		
5	16QAM	12	0	17.85	17.73	17.72	19.3	0
5	16QAM	12	7	17.63	17.80	17.67		
5	16QAM	12	13	17.78	17.69	17.74		
5	16QAM	25	0	17.79	17.71	17.80		
5	64QAM	1	0	17.77	17.70	17.81	19.3	0
5	64QAM	1	12	17.80	17.77	17.77		
5	64QAM	1	24	17.75	17.84	17.75		
5	64QAM	12	0	17.79	17.78	17.82	19.3	0
5	64QAM	12	7	17.66	17.82	17.73		
5	64QAM	12	13	17.70	17.82	17.79		
5	64QAM	25	0	17.79	17.81	17.68		
5	256QAM	1	0	17.68	17.75	17.89	19.3	0
5	256QAM	1	12	17.72	17.70	17.77		
5	256QAM	1	24	17.81	17.83	17.62		
5	256QAM	12	0	17.87	17.94	17.80	19.3	0
5	256QAM	12	7	17.73	17.71	17.84		
5	256QAM	12	13	17.68	17.87	17.70		
5	256QAM	25	0	17.70	17.85	17.63		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.71	17.91	17.76	19.3	0
3	QPSK	1	8	17.90	17.83	17.71		
3	QPSK	1	14	17.81	17.87	17.76		
3	QPSK	8	0	17.67	17.86	17.80	19.3	0
3	QPSK	8	4	17.73	17.74	17.88		
3	QPSK	8	7	17.83	17.77	17.71		
3	QPSK	15	0	17.82	17.93	17.73		
3	16QAM	1	0	17.90	17.71	17.88	19.3	0
3	16QAM	1	8	17.81	17.88	17.70		
3	16QAM	1	14	17.72	17.82	17.72		
3	16QAM	8	0	17.84	17.71	17.72	19.3	0
3	16QAM	8	4	17.64	17.87	17.69		
3	16QAM	8	7	17.76	17.72	17.86		
3	16QAM	15	0	17.87	17.79	17.69		
3	64QAM	1	0	17.83	17.82	17.83	19.3	0
3	64QAM	1	8	17.68	17.82	17.78		
3	64QAM	1	14	17.78	17.87	17.73		
3	64QAM	8	0	17.68	17.76	17.80	19.3	0
3	64QAM	8	4	17.69	17.84	17.72		
3	64QAM	8	7	17.69	17.78	17.76		
3	64QAM	15	0	17.88	17.72	17.81		
3	256QAM	1	0	17.71	17.81	17.84	19.3	0
3	256QAM	1	8	17.67	17.73	17.73		
3	256QAM	1	14	17.78	17.84	17.63		
3	256QAM	8	0	17.90	17.94	17.69	19.3	0
3	256QAM	8	4	17.73	17.82	17.74		
3	256QAM	8	7	17.76	17.87	17.71		
3	256QAM	15	0	17.67	17.81	17.63		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.84	17.93	17.80	19.3	0
1.4	QPSK	1	3	17.80	17.82	17.69		
1.4	QPSK	1	5	17.85	17.86	17.76		
1.4	QPSK	3	0	17.72	17.91	17.85		
1.4	QPSK	3	1	17.77	17.70	17.77		
1.4	QPSK	3	3	17.84	17.70	17.67		
1.4	QPSK	6	0	17.76	17.90	17.76	19.3	0
1.4	16QAM	1	0	17.77	17.67	17.78	19.3	0
1.4	16QAM	1	3	17.77	17.86	17.71		
1.4	16QAM	1	5	17.73	17.78	17.71		
1.4	16QAM	3	0	17.83	17.70	17.82		
1.4	16QAM	3	1	17.73	17.83	17.78		
1.4	16QAM	3	3	17.70	17.79	17.73		
1.4	16QAM	6	0	17.79	17.76	17.81	19.3	0
1.4	64QAM	1	0	17.85	17.81	17.69	19.3	0
1.4	64QAM	1	3	17.66	17.79	17.70		
1.4	64QAM	1	5	17.86	17.84	17.73		
1.4	64QAM	3	0	17.74	17.77	17.81		
1.4	64QAM	3	1	17.79	17.87	17.79		
1.4	64QAM	3	3	17.77	17.89	17.75		
1.4	64QAM	6	0	17.86	17.70	17.67	19.3	0
1.4	256QAM	1	0	17.75	17.74	17.87	19.3	0
1.4	256QAM	1	3	17.67	17.76	17.77		
1.4	256QAM	1	5	17.77	17.90	17.68		
1.4	256QAM	3	0	17.90	17.87	17.77		
1.4	256QAM	3	1	17.81	17.82	17.74		
1.4	256QAM	3	3	17.78	17.74	17.65		
1.4	256QAM	6	0	17.69	17.84	17.71	19.3	0

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.64	21.69	21.66	23.1	0
10	QPSK	1	25	21.63	21.57	21.67		
10	QPSK	1	49	21.65	21.64	21.57		
10	QPSK	25	0	21.55	21.67	21.54	23.1	0
10	QPSK	25	12	21.61	21.54	21.58		
10	QPSK	25	25	21.58	21.65	21.62		
10	QPSK	50	0	21.48	21.61	21.59		
10	16QAM	1	0	21.62	21.63	21.66	23.1	0
10	16QAM	1	25	21.67	21.62	21.61		
10	16QAM	1	49	21.56	21.52	21.59		
10	16QAM	25	0	21.62	21.63	21.68	23	0.1
10	16QAM	25	12	21.64	21.52	21.55		
10	16QAM	25	25	21.61	21.60	21.61		
10	16QAM	50	0	21.57	21.65	21.65		
10	64QAM	1	0	21.52	21.60	21.55	23	0.1
10	64QAM	1	25	21.63	21.55	21.64		
10	64QAM	1	49	21.57	21.66	21.60		
10	64QAM	25	0	20.62	20.67	20.55	22	1.1
10	64QAM	25	12	20.55	20.65	20.66		
10	64QAM	25	25	20.67	20.62	20.64		
10	64QAM	50	0	20.65	20.64	20.54		
10	256QAM	1	0	18.64	18.59	18.62	20	3.1
10	256QAM	1	25	18.61	18.66	18.61		
10	256QAM	1	49	18.56	18.66	18.61		
10	256QAM	25	0	18.68	18.56	18.62	20	3.1
10	256QAM	25	12	18.63	18.55	18.59		
10	256QAM	25	25	18.62	18.57	18.60		
10	256QAM	50	0	18.63	18.67	18.67		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.49	21.59	21.57	23.1	0
5	QPSK	1	12	21.52	21.46	21.55		
5	QPSK	1	24	21.53	21.53	21.47		
5	QPSK	12	0	21.44	21.62	21.36	23.1	0
5	QPSK	12	7	21.46	21.46	21.52		
5	QPSK	12	13	21.45	21.63	21.49		
5	QPSK	25	0	21.34	21.46	21.42		
5	16QAM	1	0	21.55	21.53	21.50	23.1	0
5	16QAM	1	12	21.59	21.53	21.44		
5	16QAM	1	24	21.47	21.42	21.52		
5	16QAM	12	0	21.49	21.53	21.53	23	0.1
5	16QAM	12	7	21.48	21.43	21.48		
5	16QAM	12	13	21.43	21.51	21.45		
5	16QAM	25	0	21.44	21.50	21.62		
5	64QAM	1	0	21.49	21.50	21.46	23	0.1
5	64QAM	1	12	21.46	21.46	21.54		
5	64QAM	1	24	21.51	21.51	21.57		
5	64QAM	12	0	20.53	20.57	20.40	22	1.1
5	64QAM	12	7	20.44	20.61	20.64		
5	64QAM	12	13	20.62	20.51	20.58		
5	64QAM	25	0	20.63	20.54	20.40		
5	256QAM	1	0	18.54	18.55	18.59	20	3.1
5	256QAM	1	12	18.43	18.58	18.46		
5	256QAM	1	24	18.45	18.58	18.51		
5	256QAM	12	0	18.62	18.41	18.59	20	3.1
5	256QAM	12	7	18.51	18.45	18.57		
5	256QAM	12	13	18.47	18.44	18.56		
5	256QAM	25	0	18.50	18.50	18.49		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.58	21.64	21.49	23.1	0
3	QPSK	1	8	21.56	21.51	21.63		
3	QPSK	1	14	21.60	21.61	21.48		
3	QPSK	8	0	21.45	21.60	21.45	23.1	0
3	QPSK	8	4	21.50	21.48	21.55		
3	QPSK	8	7	21.49	21.59	21.44		
3	QPSK	15	0	21.40	21.49	21.54		
3	16QAM	1	0	21.58	21.46	21.60	23.1	0
3	16QAM	1	8	21.60	21.58	21.44		
3	16QAM	1	14	21.49	21.38	21.42		
3	16QAM	8	0	21.45	21.59	21.64	23	0.1
3	16QAM	8	4	21.59	21.46	21.50		
3	16QAM	8	7	21.54	21.46	21.56		
3	16QAM	15	0	21.43	21.51	21.50		
3	64QAM	1	0	21.41	21.47	21.49	23	0.1
3	64QAM	1	8	21.52	21.49	21.59		
3	64QAM	1	14	21.49	21.56	21.51		
3	64QAM	8	0	20.52	20.59	20.53	22	1.1
3	64QAM	8	4	20.45	20.62	20.54		
3	64QAM	8	7	20.65	20.51	20.49		
3	64QAM	15	0	20.48	20.47	20.47		
3	256QAM	1	0	18.57	18.46	18.57	20	3.1
3	256QAM	1	8	18.55	18.49	18.46		
3	256QAM	1	14	18.53	18.54	18.46		
3	256QAM	8	0	18.58	18.45	18.56	20	3.1
3	256QAM	8	4	18.48	18.38	18.55		
3	256QAM	8	7	18.45	18.46	18.43		
3	256QAM	15	0	18.61	18.52	18.56		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.47	21.59	21.60	23.1	0
1.4	QPSK	1	3	21.51	21.45	21.52		
1.4	QPSK	1	5	21.56	21.61	21.42		
1.4	QPSK	3	0	21.45	21.50	21.44		
1.4	QPSK	3	1	21.54	21.49	21.42		
1.4	QPSK	3	3	21.44	21.52	21.57		
1.4	QPSK	6	0	21.40	21.57	21.43	23.1	0
1.4	16QAM	1	0	21.48	21.54	21.50	23.1	0
1.4	16QAM	1	3	21.53	21.59	21.52		
1.4	16QAM	1	5	21.41	21.40	21.51		
1.4	16QAM	3	0	21.55	21.59	21.53		
1.4	16QAM	3	1	21.53	21.46	21.39		
1.4	16QAM	3	3	21.51	21.55	21.57		
1.4	16QAM	6	0	21.51	21.62	21.52	23	0.1
1.4	64QAM	1	0	21.45	21.60	21.52	23	0.1
1.4	64QAM	1	3	21.55	21.37	21.47		
1.4	64QAM	1	5	21.41	21.55	21.57		
1.4	64QAM	3	0	21.50	21.52	21.50		
1.4	64QAM	3	1	21.47	21.38	21.50		
1.4	64QAM	3	3	21.45	21.62	21.47		
1.4	64QAM	6	0	20.55	20.61	20.38	22	1.1
1.4	256QAM	1	0	18.59	18.43	18.52	20	3.1
1.4	256QAM	1	3	18.49	18.55	18.55		
1.4	256QAM	1	5	18.38	18.59	18.54		
1.4	256QAM	3	0	18.52	18.51	18.45		
1.4	256QAM	3	1	18.55	18.46	18.51		
1.4	256QAM	3	3	18.49	18.46	18.50		
1.4	256QAM	6	0	18.54	18.55	18.49	20	3.1

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.42	14.65	14.51	15.8	0
20	QPSK	1	49	14.49	14.42	14.49		
20	QPSK	1	99	14.54	14.45	14.53		
20	QPSK	50	0	14.56	14.57	14.48	15.8	0
20	QPSK	50	24	14.45	14.42	14.47		
20	QPSK	50	50	14.45	14.54	14.49		
20	QPSK	100	0	14.47	14.52	14.44		
20	16QAM	1	0	14.53	14.56	14.46	15.8	0
20	16QAM	1	49	14.53	14.44	14.54		
20	16QAM	1	99	14.47	14.53	14.50		
20	16QAM	50	0	14.54	14.54	14.52	15.8	0
20	16QAM	50	24	14.52	14.55	14.42		
20	16QAM	50	50	14.54	14.50	14.50		
20	16QAM	100	0	14.43	14.44	14.47		
20	64QAM	1	0	14.44	14.51	14.57	15.8	0
20	64QAM	1	49	14.56	14.44	14.43		
20	64QAM	1	99	14.51	14.48	14.43		
20	64QAM	50	0	14.47	14.50	14.44	15.8	0
20	64QAM	50	24	14.57	14.51	14.49		
20	64QAM	50	50	14.55	14.50	14.49		
20	64QAM	100	0	14.52	14.44	14.46		
20	256QAM	1	0	14.43	14.52	14.53	15.8	0
20	256QAM	1	49	14.44	14.52	14.53		
20	256QAM	1	99	14.56	14.46	14.50		
20	256QAM	50	0	14.44	14.45	14.52	15.8	0
20	256QAM	50	24	14.42	14.42	14.56		
20	256QAM	50	50	14.42	14.46	14.50		
20	256QAM	100	0	14.52	14.50	14.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.30	14.52	14.44	15.8	0
15	QPSK	1	37	14.40	14.31	14.41		
15	QPSK	1	74	14.47	14.28	14.39		
15	QPSK	36	0	14.43	14.42	14.33	15.8	0
15	QPSK	36	20	14.27	14.26	14.44		
15	QPSK	36	39	14.42	14.46	14.45		
15	QPSK	75	0	14.45	14.44	14.39		
15	16QAM	1	0	14.46	14.44	14.37	15.8	0
15	16QAM	1	37	14.36	14.27	14.38		
15	16QAM	1	74	14.39	14.44	14.40		
15	16QAM	36	0	14.46	14.42	14.35	15.8	0
15	16QAM	36	20	14.48	14.49	14.25		
15	16QAM	36	39	14.39	14.34	14.46		
15	16QAM	75	0	14.38	14.41	14.36		
15	64QAM	1	0	14.36	14.46	14.49	15.8	0
15	64QAM	1	37	14.46	14.37	14.40		
15	64QAM	1	74	14.42	14.38	14.35		
15	64QAM	36	0	14.45	14.34	14.42	15.8	0
15	64QAM	36	20	14.41	14.43	14.33		
15	64QAM	36	39	14.50	14.44	14.42		
15	64QAM	75	0	14.39	14.31	14.31		
15	256QAM	1	0	14.39	14.40	14.46	15.8	0
15	256QAM	1	37	14.28	14.44	14.41		
15	256QAM	1	74	14.39	14.42	14.34		
15	256QAM	36	0	14.41	14.42	14.49	15.8	0
15	256QAM	36	20	14.35	14.39	14.43		
15	256QAM	36	39	14.35	14.28	14.43		
15	256QAM	75	0	14.49	14.42	14.31		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.25	14.49	14.35	15.8	0
10	QPSK	1	25	14.42	14.28	14.39		
10	QPSK	1	49	14.39	14.36	14.41		
10	QPSK	25	0	14.43	14.48	14.31	15.8	0
10	QPSK	25	12	14.28	14.34	14.33		
10	QPSK	25	25	14.29	14.42	14.39		
10	QPSK	50	0	14.33	14.48	14.38		
10	16QAM	1	0	14.36	14.48	14.28	15.8	0
10	16QAM	1	25	14.44	14.31	14.42		
10	16QAM	1	49	14.42	14.42	14.36		
10	16QAM	25	0	14.42	14.39	14.45	15.8	0
10	16QAM	25	12	14.39	14.42	14.27		
10	16QAM	25	25	14.42	14.45	14.33		
10	16QAM	50	0	14.28	14.31	14.30		
10	64QAM	1	0	14.34	14.46	14.52	15.8	0
10	64QAM	1	25	14.45	14.38	14.26		
10	64QAM	1	49	14.34	14.39	14.40		
10	64QAM	25	0	14.35	14.41	14.42	15.8	0
10	64QAM	25	12	14.48	14.37	14.47		
10	64QAM	25	25	14.48	14.38	14.33		
10	64QAM	50	0	14.37	14.33	14.35		
10	256QAM	1	0	14.26	14.50	14.46	15.8	0
10	256QAM	1	25	14.36	14.50	14.47		
10	256QAM	1	49	14.47	14.30	14.41		
10	256QAM	25	0	14.35	14.41	14.48	15.8	0
10	256QAM	25	12	14.36	14.39	14.51		
10	256QAM	25	25	14.29	14.37	14.39		
10	256QAM	50	0	14.40	14.40	14.37		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.26	14.51	14.41	15.8	0
5	QPSK	1	12	14.40	14.35	14.42		
5	QPSK	1	24	14.40	14.33	14.39		
5	QPSK	12	0	14.40	14.54	14.38	15.8	0
5	QPSK	12	7	14.31	14.40	14.40		
5	QPSK	12	13	14.30	14.51	14.36		
5	QPSK	25	0	14.41	14.42	14.31		
5	16QAM	1	0	14.50	14.51	14.40	15.8	0
5	16QAM	1	12	14.37	14.34	14.51		
5	16QAM	1	24	14.42	14.36	14.32		
5	16QAM	12	0	14.50	14.40	14.45	15.8	0
5	16QAM	12	7	14.41	14.52	14.32		
5	16QAM	12	13	14.42	14.38	14.34		
5	16QAM	25	0	14.36	14.40	14.33		
5	64QAM	1	0	14.35	14.36	14.40	15.8	0
5	64QAM	1	12	14.51	14.39	14.30		
5	64QAM	1	24	14.45	14.39	14.32		
5	64QAM	12	0	14.35	14.45	14.42	15.8	0
5	64QAM	12	7	14.49	14.44	14.42		
5	64QAM	12	13	14.47	14.33	14.46		
5	64QAM	25	0	14.35	14.39	14.41		
5	256QAM	1	0	14.38	14.39	14.36	15.8	0
5	256QAM	1	12	14.34	14.38	14.36		
5	256QAM	1	24	14.45	14.34	14.35		
5	256QAM	12	0	14.33	14.40	14.45	15.8	0
5	256QAM	12	7	14.36	14.26	14.50		
5	256QAM	12	13	14.32	14.41	14.45		
5	256QAM	25	0	14.40	14.46	14.36		

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.02	23.05	23.00	24	0
10	QPSK	1	49	22.86	22.93	22.86		
10	QPSK	25	0	22.90	22.95	22.93	24	0
10	QPSK	25	12	22.85	22.94	22.90		
10	QPSK	25	25	22.94	22.90	22.90		
10	QPSK	50	0	22.91	22.93	22.85		
10	16QAM	1	0	22.98	22.97	22.98	24	0
10	16QAM	1	25	22.99	22.91	22.90		
10	16QAM	1	49	22.94	22.95	22.89		
10	16QAM	25	0	21.87	22.04	22.11	23	1
10	16QAM	25	12	22.10	21.97	21.88		
10	16QAM	25	25	22.04	21.93	21.92		
10	16QAM	50	0	21.90	22.10	22.06		
10	64QAM	1	0	22.12	21.98	21.91	23	1
10	64QAM	1	25	21.87	21.96	22.10		
10	64QAM	1	49	22.05	22.15	22.11		
10	64QAM	25	0	21.11	21.19	20.87	22	2
10	64QAM	25	12	21.14	20.97	20.88		
10	64QAM	25	25	21.11	20.96	20.97		
10	64QAM	50	0	20.90	21.04	20.95		
10	256QAM	1	0	18.92	19.09	18.92	20	4
10	256QAM	1	25	18.89	19.03	19.14		
10	256QAM	1	49	19.12	19.06	19.14		
10	256QAM	25	0	19.01	18.94	19.14	20	4
10	256QAM	25	12	18.93	19.02	18.89		
10	256QAM	25	25	18.99	18.91	18.94		
10	256QAM	50	0	18.87	18.96	19.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.95	22.91	24	0
5	QPSK	1	12	22.69	22.82	22.82		
5	QPSK	1	24	22.74	22.94	22.76		
5	QPSK	12	0	22.74	22.79	22.80	24	0
5	QPSK	12	7	22.68	22.89	22.79		
5	QPSK	12	13	22.89	22.79	22.76		
5	QPSK	25	0	22.78	22.87	22.82		
5	16QAM	1	0	22.86	22.86	22.96	24	0
5	16QAM	1	12	22.93	22.87	22.79		
5	16QAM	1	24	22.87	22.86	22.82		
5	16QAM	12	0	21.79	21.91	22.04	23	1
5	16QAM	12	7	21.93	21.81	21.73		
5	16QAM	12	13	21.93	21.83	21.83		
5	16QAM	25	0	21.87	22.00	21.95		
5	64QAM	1	0	21.96	21.82	21.83	23	1
5	64QAM	1	12	21.76	21.83	21.96		
5	64QAM	1	24	22.02	22.08	22.03		
5	64QAM	12	0	20.94	21.10	20.74	22	2
5	64QAM	12	7	21.08	20.82	20.72		
5	64QAM	12	13	21.05	20.94	20.92		
5	64QAM	25	0	20.82	20.96	20.89		
5	256QAM	1	0	18.77	18.97	18.80	20	4
5	256QAM	1	12	18.86	18.86	19.06		
5	256QAM	1	24	18.97	19.02	19.05		
5	256QAM	12	0	18.89	18.86	18.97	20	4
5	256QAM	12	7	18.86	18.92	18.74		
5	256QAM	12	13	18.83	18.82	18.81		
5	256QAM	25	0	18.82	18.83	19.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.84	22.88	22.85	24	0
3	QPSK	1	8	22.81	22.89	22.74		
3	QPSK	1	14	22.74	22.86	22.80		
3	QPSK	8	0	22.73	22.89	22.86	24	0
3	QPSK	8	4	22.79	22.84	22.81		
3	QPSK	8	7	22.90	22.85	22.78		
3	QPSK	15	0	22.76	22.76	22.73		
3	16QAM	1	0	22.95	22.91	22.93	24	0
3	16QAM	1	8	22.97	22.82	22.77		
3	16QAM	1	14	22.81	22.82	22.78		
3	16QAM	8	0	21.84	21.88	22.06	23	1
3	16QAM	8	4	22.03	21.91	21.82		
3	16QAM	8	7	21.88	21.91	21.83		
3	16QAM	15	0	21.80	21.97	22.04		
3	64QAM	1	0	22.03	21.93	21.86	23	1
3	64QAM	1	8	21.72	21.84	22.05		
3	64QAM	1	14	21.91	22.08	21.95		
3	64QAM	8	0	20.99	21.14	20.77	22	2
3	64QAM	8	4	20.98	20.86	20.77		
3	64QAM	8	7	21.03	20.85	20.84		
3	64QAM	15	0	20.86	20.88	20.78		
3	256QAM	1	0	18.86	18.99	18.85	20	4
3	256QAM	1	8	18.79	18.91	19.01		
3	256QAM	1	14	19.10	18.91	18.98		
3	256QAM	8	0	18.84	18.83	19.08	20	4
3	256QAM	8	4	18.78	18.96	18.79		
3	256QAM	8	7	18.95	18.73	18.90		
3	256QAM	15	0	18.81	18.94	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	22.92	22.96	22.95	24	0
1.4	QPSK	1	3	22.92	23.01	22.91		
1.4	QPSK	1	5	22.96	22.91	22.94		
1.4	QPSK	3	0	22.89	22.88	22.94		
1.4	QPSK	3	1	22.93	22.93	22.94		
1.4	QPSK	3	3	22.96	22.90	22.85		
1.4	QPSK	6	0	22.85	22.96	22.97	24	0
1.4	16QAM	1	0	22.86	23.03	22.95	24	0
1.4	16QAM	1	3	22.92	23.01	22.96		
1.4	16QAM	1	5	22.92	23.02	22.86		
1.4	16QAM	3	0	22.90	22.93	22.94		
1.4	16QAM	3	1	22.89	22.92	22.91		
1.4	16QAM	3	3	22.98	22.92	22.95		
1.4	16QAM	6	0	21.94	22.02	22.07	23	1
1.4	64QAM	1	0	22.02	21.92	22.11	23	1
1.4	64QAM	1	3	22.03	22.16	22.09		
1.4	64QAM	1	5	21.97	22.01	21.95		
1.4	64QAM	3	0	22.12	22.16	22.10		
1.4	64QAM	3	1	22.15	21.99	21.86		
1.4	64QAM	3	3	21.92	22.10	21.94		
1.4	64QAM	6	0	20.91	20.90	21.06	22	2
1.4	256QAM	1	0	19.01	18.92	18.95	20	4
1.4	256QAM	1	3	18.93	19.14	19.11		
1.4	256QAM	1	5	18.91	18.93	18.85		
1.4	256QAM	3	0	18.98	19.00	18.99		
1.4	256QAM	3	1	19.16	18.99	18.97		
1.4	256QAM	3	3	19.10	19.11	18.88		
1.4	256QAM	6	0	19.11	19.17	19.06	20	4

Band 13

BW [MHz]	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		22.85		23.7	0
10	QPSK	1	25		22.75			
10	QPSK	1	49		22.68			
10	QPSK	25	0		21.84		22.7	1
10	QPSK	25	12		21.82			
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.79			
10	16QAM	1	0		21.71		22.7	1
10	16QAM	1	25		21.93			
10	16QAM	1	49		21.89			
10	16QAM	25	0		20.87		21.7	2
10	16QAM	25	12		20.74			
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.97			
10	64QAM	1	0		20.91		21.7	2
10	64QAM	1	25		20.91			
10	64QAM	1	49		20.71			
10	64QAM	25	0		19.73		20.7	3
10	64QAM	25	12		19.80			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.79			
10	256QAM	1	0		17.96		18.7	5
10	256QAM	1	25		17.76			
10	256QAM	1	49		18.00			
10	256QAM	25	0		17.94		18.7	5
10	256QAM	25	12		17.80			
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.74			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.62	22.74	22.74	23.7	0
5	QPSK	1	12	22.65	22.62	22.44		
5	QPSK	1	24	22.52	22.62	22.61		
5	QPSK	12	0	21.52	21.70	21.53	22.7	1
5	QPSK	12	7	21.63	21.75	21.64		
5	QPSK	12	13	21.54	21.62	21.72		
5	QPSK	25	0	21.50	21.65	21.65		
5	16QAM	1	0	21.75	21.62	21.73	22.7	1
5	16QAM	1	12	21.71	21.90	21.76		
5	16QAM	1	24	21.86	21.76	21.73		
5	16QAM	12	0	20.68	20.74	20.56	21.7	2
5	16QAM	12	7	20.74	20.63	20.76		
5	16QAM	12	13	20.58	20.67	20.78		
5	16QAM	25	0	20.78	20.94	20.74		
5	64QAM	1	0	20.57	20.80	20.68	21.7	2
5	64QAM	1	12	20.72	20.89	20.73		
5	64QAM	1	24	20.74	20.54	20.84		
5	64QAM	12	0	19.54	19.56	19.77	20.7	3
5	64QAM	12	7	19.56	19.70	19.58		
5	64QAM	12	13	19.47	19.61	19.68		
5	64QAM	25	0	19.61	19.67	19.56		
5	256QAM	1	0	17.73	17.94	17.50	18.7	5
5	256QAM	1	12	17.59	17.67	17.58		
5	256QAM	1	24	17.73	17.98	17.66		
5	256QAM	12	0	17.77	17.83	17.88	18.7	5
5	256QAM	12	7	17.59	17.66	17.65		
5	256QAM	12	13	17.76	17.78	17.75		
5	256QAM	25	0	17.58	17.72	17.58		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.99		23.3	0
10	QPSK	1	25		22.97			
10	QPSK	1	49		22.85			
10	QPSK	25	0		22.97		23.3	0
10	QPSK	25	12		22.94			
10	QPSK	25	25		22.93			
10	QPSK	50	0		22.96			
10	16QAM	1	0		22.85		23.3	0
10	16QAM	1	25		22.97			
10	16QAM	1	49		22.85			
10	16QAM	25	0		22.00		22.3	1
10	16QAM	25	12		21.98			
10	16QAM	25	25		22.03			
10	16QAM	50	0		21.95			
10	64QAM	1	0		22.02		22.3	1
10	64QAM	1	25		22.01			
10	64QAM	1	49		21.95			
10	64QAM	25	0		21.04		21.3	2
10	64QAM	25	12		21.03			
10	64QAM	25	25		21.03			
10	64QAM	50	0		20.92			
10	256QAM	1	0		18.96		19.3	4
10	256QAM	1	25		18.91			
10	256QAM	1	49		19.04			
10	256QAM	25	0		19.05		19.3	4
10	256QAM	25	12		19.03			
10	256QAM	25	25		19.01			
10	256QAM	50	0		19.02			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.77	22.92	22.74	23.3	0
5	QPSK	1	12	22.58	22.92	22.64		
5	QPSK	1	24	22.57	22.81	22.63		
5	QPSK	12	0	22.68	22.80	22.67	23.3	0
5	QPSK	12	7	22.63	22.80	22.72		
5	QPSK	12	13	22.64	22.77	22.73		
5	QPSK	25	0	22.60	22.94	22.54		
5	16QAM	1	0	22.67	22.70	22.58	23.3	0
5	16QAM	1	12	22.60	22.86	22.65		
5	16QAM	1	24	22.75	22.76	22.63		
5	16QAM	12	0	21.86	21.95	21.65	22.3	1
5	16QAM	12	7	21.81	21.84	21.63		
5	16QAM	12	13	21.75	21.98	21.59		
5	16QAM	25	0	21.78	21.79	21.69		
5	64QAM	1	0	21.72	21.84	21.64	22.3	1
5	64QAM	1	12	21.73	21.84	21.79		
5	64QAM	1	24	21.78	21.83	21.84		
5	64QAM	12	0	20.77	20.95	20.80	21.3	2
5	64QAM	12	7	20.66	20.94	20.61		
5	64QAM	12	13	20.78	20.86	20.70		
5	64QAM	25	0	20.79	20.75	20.72		
5	256QAM	1	0	18.73	18.84	18.67	19.3	4
5	256QAM	1	12	18.86	18.75	18.72		
5	256QAM	1	24	18.73	18.97	18.70		
5	256QAM	12	0	18.61	18.99	18.65	19.3	4
5	256QAM	12	7	18.76	18.89	18.80		
5	256QAM	12	13	18.79	18.99	18.68		
5	256QAM	25	0	18.75	18.90	18.63		

Band 17

BW [MHz]	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	22.99	23.08	23.00	24	0
10	QPSK	1	25	22.96	23.05	22.86		
10	QPSK	1	49	22.92	23.02	22.88		
10	QPSK	25	0	22.89	23.05	22.91	24	0
10	QPSK	25	12	22.82	22.93	22.92		
10	QPSK	25	25	22.95	23.02	22.98		
10	QPSK	50	0	22.92	22.97	22.94		
10	16QAM	1	0	22.94	23.05	22.83	24	0
10	16QAM	1	25	22.97	23.00	22.97		
10	16QAM	1	49	22.91	22.97	22.95		
10	16QAM	25	0	21.98	22.13	21.98	23	1
10	16QAM	25	12	22.06	21.96	22.00		
10	16QAM	25	25	21.96	22.23	22.12		
10	16QAM	50	0	21.92	22.03	22.11		
10	64QAM	1	0	22.00	21.99	22.12	23	1
10	64QAM	1	25	22.13	22.21	22.08		
10	64QAM	1	49	22.03	22.14	22.02		
10	64QAM	25	0	20.86	21.22	21.04	22	2
10	64QAM	25	12	20.93	21.11	21.05		
10	64QAM	25	25	20.92	21.22	20.89		
10	64QAM	50	0	21.04	21.13	20.97		
10	256QAM	1	0	19.00	19.04	18.87	20	4
10	256QAM	1	25	18.95	19.19	18.87		
10	256QAM	1	49	18.86	18.97	18.90		
10	256QAM	25	0	19.01	19.11	18.96	20	4
10	256QAM	25	12	19.00	19.22	18.98		
10	256QAM	25	25	19.00	19.19	18.94		
10	256QAM	50	0	19.03	19.20	19.10		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.91	23.04	22.85	24	0
5	QPSK	1	12	22.93	22.99	22.82		
5	QPSK	1	24	22.82	22.90	22.82		
5	QPSK	12	0	22.74	22.89	22.82	24	0
5	QPSK	12	7	22.74	22.85	22.80		
5	QPSK	12	13	22.90	22.88	22.81		
5	QPSK	25	0	22.80	22.91	22.79		
5	16QAM	1	0	22.78	22.92	22.78	24	0
5	16QAM	1	12	22.89	22.92	22.92		
5	16QAM	1	24	22.74	22.80	22.79		
5	16QAM	12	0	21.95	22.08	21.82	23	1
5	16QAM	12	7	22.01	21.87	21.95		
5	16QAM	12	13	21.93	22.06	22.04		
5	16QAM	25	0	21.81	21.92	22.08		
5	64QAM	1	0	21.95	21.95	21.99	23	1
5	64QAM	1	12	22.01	22.15	21.90		
5	64QAM	1	24	22.00	21.97	21.84		
5	64QAM	12	0	20.76	21.11	20.93	22	2
5	64QAM	12	7	20.89	21.02	20.93		
5	64QAM	12	13	20.81	21.17	20.81		
5	64QAM	25	0	20.94	20.96	20.88		
5	256QAM	1	0	18.85	18.87	18.70	20	4
5	256QAM	1	12	18.84	19.13	18.84		
5	256QAM	1	24	18.75	18.84	18.88		
5	256QAM	12	0	18.86	19.04	18.89	20	4
5	256QAM	12	7	18.87	19.14	18.82		
5	256QAM	12	13	18.85	19.07	18.83		
5	256QAM	25	0	19.00	19.16	18.95		

Band 25

BW [MHz]	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	17.04	17.09	16.91	18.4	0
20	QPSK	1	49	17.05	16.91	16.96		
20	QPSK	1	99	16.95	16.92	17.00		
20	QPSK	50	0	17.00	17.03	16.91	18.4	0
20	QPSK	50	24	16.94	16.90	17.01		
20	QPSK	50	50	16.93	16.96	16.94		
20	QPSK	100	0	16.92	17.01	16.87		
20	16QAM	1	0	17.04	17.01	17.00	18.4	0
20	16QAM	1	49	16.99	17.02	17.00		
20	16QAM	1	99	16.90	17.00	17.06		
20	16QAM	50	0	17.01	17.01	16.98	18.4	0
20	16QAM	50	24	17.05	16.94	17.03		
20	16QAM	50	50	17.05	16.96	16.93		
20	16QAM	100	0	16.99	16.95	16.97		
20	64QAM	1	0	16.94	17.01	16.91	18.4	0
20	64QAM	1	49	16.97	16.99	16.95		
20	64QAM	1	99	16.90	16.93	16.98		
20	64QAM	50	0	17.06	17.02	16.92	18.4	0
20	64QAM	50	24	16.98	16.92	16.99		
20	64QAM	50	50	16.92	16.94	16.95		
20	64QAM	100	0	17.00	17.02	16.90		
20	256QAM	1	0	16.98	16.95	16.96	18.4	0
20	256QAM	1	49	17.05	16.95	17.00		
20	256QAM	1	99	16.91	17.04	16.97		
20	256QAM	50	0	16.99	16.92	16.95	18.4	0
20	256QAM	50	24	16.95	16.93	16.97		
20	256QAM	50	50	17.02	16.91	17.05		
20	256QAM	100	0	17.05	16.93	16.92		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	16.99	16.94	16.85	18.4	0
15	QPSK	1	37	16.96	16.79	16.87		
15	QPSK	1	74	16.80	16.88	16.86		
15	QPSK	36	0	16.90	16.95	16.77	18.4	0
15	QPSK	36	20	16.78	16.75	16.88		
15	QPSK	36	39	16.89	16.93	16.82		
15	QPSK	75	0	16.83	16.84	16.71		
15	16QAM	1	0	16.87	16.87	16.92	18.4	0
15	16QAM	1	37	16.88	16.88	16.97		
15	16QAM	1	74	16.80	16.95	16.93		
15	16QAM	36	0	16.98	16.96	16.81	18.4	0
15	16QAM	36	20	16.91	16.83	16.87		
15	16QAM	36	39	16.91	16.90	16.77		
15	16QAM	75	0	16.93	16.84	16.91		
15	64QAM	1	0	16.83	16.95	16.79	18.4	0
15	64QAM	1	37	16.92	16.83	16.89		
15	64QAM	1	74	16.81	16.84	16.82		
15	64QAM	36	0	16.95	16.99	16.88	18.4	0
15	64QAM	36	20	16.86	16.80	16.84		
15	64QAM	36	39	16.77	16.80	16.78		
15	64QAM	75	0	16.93	16.84	16.74		
15	256QAM	1	0	16.85	16.78	16.81	18.4	0
15	256QAM	1	37	16.96	16.90	16.91		
15	256QAM	1	74	16.88	17.00	16.94		
15	256QAM	36	0	16.84	16.85	16.90	18.4	0
15	256QAM	36	20	16.81	16.76	16.80		
15	256QAM	36	39	16.88	16.80	16.88		
15	256QAM	75	0	16.89	16.88	16.76		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	16.89	17.03	16.84	18.4	0
10	QPSK	1	25	17.03	16.79	16.90		
10	QPSK	1	49	16.80	16.87	16.94		
10	QPSK	25	0	16.92	16.90	16.81	18.4	0
10	QPSK	25	12	16.83	16.83	16.90		
10	QPSK	25	25	16.77	16.83	16.86		
10	QPSK	50	0	16.83	16.94	16.81		
10	16QAM	1	0	16.92	16.97	16.89	18.4	0
10	16QAM	1	25	16.93	16.97	16.85		
10	16QAM	1	49	16.79	16.90	16.95		
10	16QAM	25	0	16.91	16.84	16.83	18.4	0
10	16QAM	25	12	16.93	16.88	16.95		
10	16QAM	25	25	16.87	16.88	16.86		
10	16QAM	50	0	16.90	16.92	16.90		
10	64QAM	1	0	16.92	16.96	16.82	18.4	0
10	64QAM	1	25	16.87	16.86	16.79		
10	64QAM	1	49	16.74	16.90	16.84		
10	64QAM	25	0	17.03	16.87	16.88	18.4	0
10	64QAM	25	12	16.82	16.78	16.86		
10	64QAM	25	25	16.78	16.91	16.84		
10	64QAM	50	0	16.94	16.92	16.80		
10	256QAM	1	0	16.82	16.82	16.81	18.4	0
10	256QAM	1	25	16.95	16.91	16.88		
10	256QAM	1	49	16.78	16.99	16.87		
10	256QAM	25	0	16.94	16.77	16.80	18.4	0
10	256QAM	25	12	16.83	16.86	16.82		
10	256QAM	25	25	16.85	16.83	16.91		
10	256QAM	50	0	16.91	16.82	16.80		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	16.92	16.99	16.74	18.4	0
5	QPSK	1	12	16.97	16.84	16.80		
5	QPSK	1	24	16.86	16.75	16.83		
5	QPSK	12	0	16.83	16.93	16.75	18.4	0
5	QPSK	12	7	16.81	16.74	16.99		
5	QPSK	12	13	16.77	16.93	16.82		
5	QPSK	25	0	16.75	16.85	16.75		
5	16QAM	1	0	16.94	16.93	16.90	18.4	0
5	16QAM	1	12	16.88	16.95	16.97		
5	16QAM	1	24	16.79	16.96	16.94		
5	16QAM	12	0	16.97	16.95	16.85	18.4	0
5	16QAM	12	7	17.00	16.84	16.86		
5	16QAM	12	13	17.03	16.91	16.82		
5	16QAM	25	0	16.91	16.88	16.79		
5	64QAM	1	0	16.85	16.88	16.74	18.4	0
5	64QAM	1	12	16.90	16.93	16.87		
5	64QAM	1	24	16.76	16.76	16.92		
5	64QAM	12	0	16.90	16.94	16.83	18.4	0
5	64QAM	12	7	16.86	16.88	16.87		
5	64QAM	12	13	16.88	16.80	16.82		
5	64QAM	25	0	16.88	16.93	16.80		
5	256QAM	1	0	16.88	16.89	16.84	18.4	0
5	256QAM	1	12	17.00	16.82	16.91		
5	256QAM	1	24	16.85	17.01	16.85		
5	256QAM	12	0	16.82	16.89	16.84	18.4	0
5	256QAM	12	7	16.86	16.86	16.87		
5	256QAM	12	13	16.99	16.80	16.92		
5	256QAM	25	0	17.00	16.77	16.83		
Channel				26043	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	16.86	17.07	16.75	18.4	0
3	QPSK	1	8	16.97	16.76	16.85		
3	QPSK	1	14	16.87	16.89	16.84		
3	QPSK	8	0	16.91	16.99	16.80	18.4	0
3	QPSK	8	4	16.89	16.81	16.84		
3	QPSK	8	7	16.76	16.91	16.90		
3	QPSK	15	0	16.82	16.86	16.76		
3	16QAM	1	0	16.99	16.91	16.90	18.4	0
3	16QAM	1	8	16.90	16.85	16.96		
3	16QAM	1	14	16.78	16.96	16.97		
3	16QAM	8	0	16.93	16.87	16.93	18.4	0
3	16QAM	8	4	16.99	16.80	16.99		
3	16QAM	8	7	17.00	16.85	16.80		
3	16QAM	15	0	16.84	16.87	16.81		
3	64QAM	1	0	16.86	16.98	16.86	18.4	0
3	64QAM	1	8	16.87	16.85	16.89		
3	64QAM	1	14	16.81	16.75	16.83		
3	64QAM	8	0	16.99	16.88	16.78	18.4	0
3	64QAM	8	4	16.85	16.83	16.90		
3	64QAM	8	7	16.88	16.79	16.88		
3	64QAM	15	0	16.95	16.97	16.86		
3	256QAM	1	0	16.89	16.88	16.88	18.4	0
3	256QAM	1	8	16.94	16.79	16.95		
3	256QAM	1	14	16.78	16.98	16.86		
3	256QAM	8	0	16.82	16.82	16.87	18.4	0
3	256QAM	8	4	16.90	16.88	16.83		
3	256QAM	8	7	16.88	16.88	16.91		
3	256QAM	15	0	17.00	16.82	16.78		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.00	17.02	16.82	18.4	0
1.4	QPSK	1	3	16.89	16.75	16.85		
1.4	QPSK	1	5	16.79	16.87	16.86		
1.4	QPSK	3	0	16.93	16.95	16.78		
1.4	QPSK	3	1	16.81	16.74	16.86		
1.4	QPSK	3	3	16.88	16.86	16.81		
1.4	QPSK	6	0	16.88	16.84	16.76	18.4	0
1.4	16QAM	1	0	16.93	16.89	16.90	18.4	0
1.4	16QAM	1	3	16.87	16.85	16.92		
1.4	16QAM	1	5	16.82	16.83	16.88		
1.4	16QAM	3	0	16.89	16.83	16.83		
1.4	16QAM	3	1	16.88	16.82	16.87		
1.4	16QAM	3	3	17.00	16.83	16.76		
1.4	16QAM	6	0	16.85	16.92	16.87	18.4	0
1.4	64QAM	1	0	16.77	16.97	16.75	18.4	0
1.4	64QAM	1	3	16.81	16.91	16.79		
1.4	64QAM	1	5	16.74	16.89	16.85		
1.4	64QAM	3	0	16.94	16.98	16.79		
1.4	64QAM	3	1	16.81	16.74	16.87		
1.4	64QAM	3	3	16.84	16.86	16.79		
1.4	64QAM	6	0	16.89	17.00	16.88	18.4	0
1.4	256QAM	1	0	16.93	16.78	16.88	18.4	0
1.4	256QAM	1	3	16.96	16.80	16.85		
1.4	256QAM	1	5	16.76	16.99	16.94		
1.4	256QAM	3	0	16.96	16.88	16.89		
1.4	256QAM	3	1	16.91	16.88	16.87		
1.4	256QAM	3	3	16.96	16.75	16.96		
1.4	256QAM	6	0	16.95	16.85	16.87	18.4	0

Band 26 for FCC

BW [MHz]	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	22.21	22.29	22.15	23.1	0
15	QPSK	1	37	22.10	22.13	22.21		
15	QPSK	1	74	22.16	22.10	22.16		
15	QPSK	36	0	22.15	22.22	22.07	23.1	0
15	QPSK	36	20	22.14	22.14	22.15		
15	QPSK	36	39	22.11	22.11	22.16		
15	QPSK	75	0	22.14	22.20	22.16		
15	16QAM	1	0	22.21	22.19	22.09	23.1	0
15	16QAM	1	37	22.10	22.14	22.23		
15	16QAM	1	74	22.21	22.14	22.12		
15	16QAM	36	0	22.21	22.16	22.22	23	0.1
15	16QAM	36	20	22.11	22.21	22.22		
15	16QAM	36	39	22.17	22.08	22.21		
15	16QAM	75	0	22.14	22.11	22.11		
15	64QAM	1	0	22.08	22.20	22.11	23	0.1
15	64QAM	1	37	22.13	22.09	22.10		
15	64QAM	1	74	22.21	22.18	22.11		
15	64QAM	36	0	21.16	21.29	21.08	22	1.1
15	64QAM	36	20	21.12	21.09	21.14		
15	64QAM	36	39	21.13	21.15	21.09		
15	64QAM	75	0	21.11	21.27	21.12		
15	256QAM	1	0	19.24	19.16	19.28	20	3.1
15	256QAM	1	37	19.08	19.20	19.18		
15	256QAM	1	74	19.21	19.07	19.22		
15	256QAM	36	0	19.12	19.05	19.09	20	3.1
15	256QAM	36	20	19.08	19.25	19.04		
15	256QAM	36	39	19.09	19.09	19.06		
15	256QAM	75	0	19.27	19.24	19.16		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.08	22.21	22.06	23.1	0
10	QPSK	1	25	22.00	22.04	22.13		
10	QPSK	1	49	22.06	22.01	22.10		
10	QPSK	25	0	21.99	22.14	21.97	23.1	0
10	QPSK	25	12	22.00	22.12	22.07		
10	QPSK	25	25	22.05	22.03	22.13		
10	QPSK	50	0	22.01	22.18	22.01		
10	16QAM	1	0	22.16	22.08	21.96	23.1	0
10	16QAM	1	25	22.03	22.02	22.17		
10	16QAM	1	49	22.08	22.08	22.00		
10	16QAM	25	0	22.14	22.09	22.14	23	0.1
10	16QAM	25	12	22.02	22.12	22.08		
10	16QAM	25	25	22.11	21.97	22.12		
10	16QAM	50	0	22.10	22.03	22.06		
10	64QAM	1	0	21.92	22.08	21.98	23	0.1
10	64QAM	1	25	22.04	22.04	21.97		
10	64QAM	1	49	22.11	22.06	21.97		
10	64QAM	25	0	20.98	21.18	20.99	22	1.1
10	64QAM	25	12	20.97	21.03	21.08		
10	64QAM	25	25	21.04	20.99	20.95		
10	64QAM	50	0	20.98	21.14	21.05		
10	256QAM	1	0	19.16	19.03	19.20	20	3.1
10	256QAM	1	25	18.92	19.16	19.02		
10	256QAM	1	49	19.08	18.96	19.04		
10	256QAM	25	0	18.95	18.87	18.92	20	3.1
10	256QAM	25	12	18.94	19.14	18.99		
10	256QAM	25	25	18.95	19.02	18.90		
10	256QAM	50	0	19.09	19.11	19.01		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.04	22.19	22.11	23.1	0
5	QPSK	1	12	21.92	22.09	22.04		
5	QPSK	1	24	22.11	22.08	22.12		
5	QPSK	12	0	22.05	22.08	21.96	23.1	0
5	QPSK	12	7	22.03	22.01	22.11		
5	QPSK	12	13	21.99	21.96	22.12		
5	QPSK	25	0	21.98	22.08	22.05		
5	16QAM	1	0	22.11	22.09	22.03	23.1	0
5	16QAM	1	12	21.98	22.10	22.12		
5	16QAM	1	24	22.07	22.03	22.03		
5	16QAM	12	0	22.18	21.99	22.16	23	0.1
5	16QAM	12	7	22.03	22.03	22.05		
5	16QAM	12	13	22.07	22.06	22.15		
5	16QAM	25	0	22.06	22.07	21.97		
5	64QAM	1	0	21.91	22.14	21.99	23	0.1
5	64QAM	1	12	22.10	21.99	22.01		
5	64QAM	1	24	22.06	22.14	22.07		
5	64QAM	12	0	21.09	21.15	21.03	22	1.1
5	64QAM	12	7	20.97	21.07	21.10		
5	64QAM	12	13	21.08	20.97	20.95		
5	64QAM	25	0	21.03	21.22	21.08	20	3.1
5	256QAM	1	0	19.06	19.02	19.16		
5	256QAM	1	12	19.01	19.06	19.16		
5	256QAM	1	24	19.06	19.03	19.14		
5	256QAM	12	0	19.00	18.88	19.06	20	3.1
5	256QAM	12	7	18.93	19.10	18.86		
5	256QAM	12	13	18.98	19.05	18.91		
5	256QAM	25	0	19.14	19.14	19.04		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.03	22.19	22.02	23.1	0
3	QPSK	1	8	22.01	22.03	22.09		
3	QPSK	1	14	22.08	21.94	22.13		
3	QPSK	8	0	22.03	22.08	22.00	23.1	0
3	QPSK	8	4	22.02	22.02	22.02		
3	QPSK	8	7	22.07	22.00	22.03		
3	QPSK	15	0	22.05	22.04	22.07		
3	16QAM	1	0	22.11	22.12	21.99	23.1	0
3	16QAM	1	8	22.07	22.05	22.05		
3	16QAM	1	14	22.08	22.11	22.01		
3	16QAM	8	0	22.10	22.10	22.08	23	0.1
3	16QAM	8	4	22.06	22.19	22.11		
3	16QAM	8	7	22.06	22.01	22.06		
3	16QAM	15	0	22.07	22.05	22.02		
3	64QAM	1	0	22.05	22.11	21.94	23	0.1
3	64QAM	1	8	22.06	22.01	22.00		
3	64QAM	1	14	22.14	22.12	22.07		
3	64QAM	8	0	21.01	21.24	21.06	22	1.1
3	64QAM	8	4	21.06	20.92	21.03		
3	64QAM	8	7	20.97	20.99	21.06		
3	64QAM	15	0	21.08	21.17	20.98		
3	256QAM	1	0	19.22	19.00	19.22	20	3.1
3	256QAM	1	8	18.90	19.17	19.10		
3	256QAM	1	14	19.15	19.02	19.12		
3	256QAM	8	0	19.05	18.95	19.02	20	3.1
3	256QAM	8	4	18.91	19.13	18.94		
3	256QAM	8	7	19.03	18.93	19.04		
3	256QAM	15	0	19.10	19.17	19.04		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.07	22.19	22.11	23.1	0
1.4	QPSK	1	3	22.04	21.96	22.05		
1.4	QPSK	1	5	21.98	22.07	22.13		
1.4	QPSK	3	0	22.06	22.19	21.98		
1.4	QPSK	3	1	22.07	22.11	22.01		
1.4	QPSK	3	3	22.03	22.02	22.10		
1.4	QPSK	6	0	22.10	22.13	21.98	23.1	0
1.4	16QAM	1	0	22.14	21.95	22.11	23.1	0
1.4	16QAM	1	3	21.95	22.08	22.17		
1.4	16QAM	1	5	22.18	22.06	22.00		
1.4	16QAM	3	0	22.18	22.06	22.16		
1.4	16QAM	3	1	22.03	22.11	22.14		
1.4	16QAM	3	3	22.14	22.00	22.11		
1.4	16QAM	6	0	22.11	22.06	21.96	23	0.1
1.4	64QAM	1	0	22.05	22.13	21.96	23	0.1
1.4	64QAM	1	3	22.08	22.04	21.96		
1.4	64QAM	1	5	22.04	22.05	22.05		
1.4	64QAM	3	0	21.12	21.20	21.21		
1.4	64QAM	3	1	21.03	21.09	21.08		
1.4	64QAM	3	3	21.07	21.09	21.04		
1.4	64QAM	6	0	21.04	21.19	20.98	22	1.1
1.4	256QAM	1	0	19.08	19.03	19.13	20	3.1
1.4	256QAM	1	3	19.04	19.03	19.01		
1.4	256QAM	1	5	19.09	19.02	19.11		
1.4	256QAM	3	0	19.03	18.91	19.05		
1.4	256QAM	3	1	18.96	19.23	18.92		
1.4	256QAM	3	3	18.92	18.99	18.92		
1.4	256QAM	6	0	19.21	19.22	19.12	20	3.1

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		15.60		16.6	0
10	QPSK	1	25		15.42			
10	QPSK	1	49		15.52			
10	QPSK	25	0		15.51		16.6	0
10	QPSK	25	12		15.43			
10	QPSK	25	25		15.37			
10	QPSK	50	0		15.51			
10	16QAM	1	0		15.38		16.6	0
10	16QAM	1	25		15.48			
10	16QAM	1	49		15.41			
10	16QAM	25	0		15.52		16.6	0
10	16QAM	25	12		15.46			
10	16QAM	25	25		15.49			
10	16QAM	50	0		15.39			
10	64QAM	1	0		15.42		16.6	0
10	64QAM	1	25		15.41			
10	64QAM	1	49		15.49			
10	64QAM	25	0		15.37		16.6	0
10	64QAM	25	12		15.50			
10	64QAM	25	25		15.46			
10	64QAM	50	0		15.45			
10	256QAM	1	0		15.43		16.6	0
10	256QAM	1	25		15.44			
10	256QAM	1	49		15.38			
10	256QAM	25	0		15.49		16.6	0
10	256QAM	25	12		15.52			
10	256QAM	25	25		15.51			
10	256QAM	50	0		15.40			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	15.45	15.51	15.50	16.6	0
5	QPSK	1	12	15.28	15.36	15.30		
5	QPSK	1	24	15.45	15.45	15.38		
5	QPSK	12	0	15.39	15.36	15.47	16.6	0
5	QPSK	12	7	15.37	15.26	15.37		
5	QPSK	12	13	15.22	15.30	15.35		
5	QPSK	25	0	15.46	15.34	15.48		
5	16QAM	1	0	15.22	15.26	15.35	16.6	0
5	16QAM	1	12	15.31	15.41	15.34		
5	16QAM	1	24	15.27	15.35	15.33		
5	16QAM	12	0	15.37	15.50	15.41	16.6	0
5	16QAM	12	7	15.31	15.42	15.41		
5	16QAM	12	13	15.35	15.40	15.31		
5	16QAM	25	0	15.26	15.35	15.25		
5	64QAM	1	0	15.24	15.29	15.24	16.6	0
5	64QAM	1	12	15.32	15.34	15.23		
5	64QAM	1	24	15.42	15.39	15.42		
5	64QAM	12	0	15.22	15.19	15.34	16.6	0
5	64QAM	12	7	15.38	15.33	15.38		
5	64QAM	12	13	15.37	15.29	15.29		
5	64QAM	25	0	15.33	15.36	15.36		
5	256QAM	1	0	15.35	15.41	15.37	16.6	0
5	256QAM	1	12	15.39	15.39	15.34		
5	256QAM	1	24	15.35	15.24	15.23		
5	256QAM	12	0	15.47	15.32	15.37	16.6	0
5	256QAM	12	7	15.45	15.47	15.37		
5	256QAM	12	13	15.48	15.40	15.38		
5	256QAM	25	0	15.34	15.29	15.24		

Band 66

BW [MHz]	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	18.02	18.10	18.06	19.3	0
20	QPSK	1	49	18.03	18.01	17.99		
20	QPSK	1	99	18.00	17.95	17.97		
20	QPSK	50	0	17.97	18.06	17.96	19.3	0
20	QPSK	50	24	17.91	17.95	18.05		
20	QPSK	50	50	17.92	17.94	17.99		
20	QPSK	100	0	17.91	18.00	17.99		
20	16QAM	1	0	18.01	17.99	18.03	19.3	0
20	16QAM	1	49	18.06	17.99	17.93		
20	16QAM	1	99	18.02	18.06	17.96		
20	16QAM	50	0	18.01	17.94	17.93	19.3	0
20	16QAM	50	24	17.99	17.98	17.97		
20	16QAM	50	50	17.98	17.93	17.96		
20	16QAM	100	0	18.01	17.90	17.91		
20	64QAM	1	0	17.96	17.91	17.94	19.3	0
20	64QAM	1	49	18.04	18.05	17.92		
20	64QAM	1	99	17.93	17.94	18.03		
20	64QAM	50	0	18.03	18.04	17.93	19.3	0
20	64QAM	50	24	18.04	17.91	17.90		
20	64QAM	50	50	18.01	17.92	17.94		
20	64QAM	100	0	18.03	17.99	17.94		
20	256QAM	1	0	17.93	17.99	17.94	19.3	0
20	256QAM	1	49	17.96	17.94	17.93		
20	256QAM	1	99	17.98	17.99	18.01		
20	256QAM	50	0	18.01	18.02	17.91	19.3	0
20	256QAM	50	24	17.98	18.00	17.99		
20	256QAM	50	50	17.97	17.90	17.94		
20	256QAM	100	0	17.95	17.96	18.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.90	18.05	17.91	19.3	0
15	QPSK	1	37	17.96	17.94	17.88		
15	QPSK	1	74	17.93	17.77	17.89		
15	QPSK	36	0	17.90	17.88	17.87	19.3	0
15	QPSK	36	20	17.86	17.84	17.96		
15	QPSK	36	39	17.79	17.92	17.91		
15	QPSK	75	0	17.74	17.87	17.85		
15	16QAM	1	0	17.95	17.95	17.89	19.3	0
15	16QAM	1	37	17.92	17.90	17.78		
15	16QAM	1	74	17.86	17.98	17.81		
15	16QAM	36	0	17.97	17.88	17.86	19.3	0
15	16QAM	36	20	17.90	17.87	17.91		
15	16QAM	36	39	17.80	17.90	17.81		
15	16QAM	75	0	17.96	17.97	17.86		
15	64QAM	1	0	17.94	17.74	17.77	19.3	0
15	64QAM	1	37	17.88	17.89	17.75		
15	64QAM	1	74	17.78	17.86	18.00		
15	64QAM	36	0	17.95	17.93	17.87	19.3	0
15	64QAM	36	20	17.94	17.81	17.78		
15	64QAM	36	39	17.94	17.86	17.83		
15	64QAM	75	0	17.94	17.84	17.82		
15	256QAM	1	0	17.80	17.98	17.78	19.3	0
15	256QAM	1	37	17.82	17.94	17.88		
15	256QAM	1	74	17.95	17.90	17.88		
15	256QAM	36	0	17.96	17.94	17.76	19.3	0
15	256QAM	36	20	17.95	17.91	17.89		
15	256QAM	36	39	17.88	17.94	17.83		
15	256QAM	75	0	17.93	17.91	17.83		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.97	18.03	18.01	19.3	0
10	QPSK	1	25	17.91	17.96	17.95		
10	QPSK	1	49	17.88	17.78	17.94		
10	QPSK	25	0	17.93	17.97	17.92	19.3	0
10	QPSK	25	12	17.85	17.79	17.87		
10	QPSK	25	25	17.75	17.83	17.97		
10	QPSK	50	0	17.86	17.88	17.84		
10	16QAM	1	0	17.90	17.92	17.91	19.3	0
10	16QAM	1	25	17.98	17.83	17.89		
10	16QAM	1	49	17.96	17.89	17.83		
10	16QAM	25	0	17.84	17.76	17.82	19.3	0
10	16QAM	25	12	17.90	17.85	17.88		
10	16QAM	25	25	17.87	17.83	17.81		
10	16QAM	50	0	17.93	17.76	17.87		
10	64QAM	1	0	17.89	17.75	17.86	19.3	0
10	64QAM	1	25	18.02	17.89	17.80		
10	64QAM	1	49	17.83	17.80	17.93		
10	64QAM	25	0	17.95	17.89	17.76	19.3	0
10	64QAM	25	12	17.90	17.74	17.73		
10	64QAM	25	25	17.95	17.75	17.80		
10	64QAM	50	0	17.88	17.97	17.82		
10	256QAM	1	0	17.85	17.83	17.79	19.3	0
10	256QAM	1	25	17.83	17.78	17.90		
10	256QAM	1	49	17.89	17.87	17.91		
10	256QAM	25	0	17.95	17.93	17.75	19.3	0
10	256QAM	25	12	17.87	17.97	17.93		
10	256QAM	25	25	17.82	17.82	17.80		
10	256QAM	50	0	17.84	17.78	17.96		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.94	18.00	17.92	19.3	0
5	QPSK	1	12	17.92	17.94	17.82		
5	QPSK	1	24	17.91	17.87	17.92		
5	QPSK	12	0	17.84	17.98	17.83	19.3	0
5	QPSK	12	7	17.85	17.78	17.99		
5	QPSK	12	13	17.82	17.83	17.92		
5	QPSK	25	0	17.87	17.92	17.97		
5	16QAM	1	0	17.96	17.89	17.92	19.3	0
5	16QAM	1	12	18.01	17.88	17.79		
5	16QAM	1	24	17.95	18.03	17.89		
5	16QAM	12	0	17.85	17.91	17.84	19.3	0
5	16QAM	12	7	17.96	17.89	17.86		
5	16QAM	12	13	17.93	17.80	17.92		
5	16QAM	25	0	17.86	17.81	17.86		
5	64QAM	1	0	17.94	17.79	17.79	19.3	0
5	64QAM	1	12	17.98	18.01	17.83		
5	64QAM	1	24	17.90	17.88	18.01		
5	64QAM	12	0	17.90	18.02	17.91	19.3	0
5	64QAM	12	7	17.97	17.83	17.74		
5	64QAM	12	13	17.86	17.87	17.82		
5	64QAM	25	0	18.00	17.96	17.87		
5	256QAM	1	0	17.90	17.89	17.77	19.3	0
5	256QAM	1	12	17.82	17.87	17.81		
5	256QAM	1	24	17.86	17.94	17.94		
5	256QAM	12	0	17.96	17.98	17.83	19.3	0
5	256QAM	12	7	17.81	17.92	17.89		
5	256QAM	12	13	17.86	17.76	17.89		
5	256QAM	25	0	17.90	17.80	17.96		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.86	17.97	17.97	19.3	0
3	QPSK	1	8	17.93	17.94	17.82		
3	QPSK	1	14	17.82	17.93	17.94		
3	QPSK	8	0	17.90	17.92	17.80	19.3	0
3	QPSK	8	4	17.88	17.82	17.94		
3	QPSK	8	7	17.85	17.78	17.82		
3	QPSK	15	0	17.73	17.94	17.92		
3	16QAM	1	0	17.98	17.81	17.94	19.3	0
3	16QAM	1	8	17.90	17.96	17.84		
3	16QAM	1	14	17.97	17.97	17.86		
3	16QAM	8	0	17.98	17.90	17.77	19.3	0
3	16QAM	8	4	17.90	17.96	17.85		
3	16QAM	8	7	17.93	17.77	17.80		
3	16QAM	15	0	17.88	17.81	17.85		
3	64QAM	1	0	17.91	17.76	17.78	19.3	0
3	64QAM	1	8	17.93	18.02	17.84		
3	64QAM	1	14	17.83	17.84	17.86		
3	64QAM	8	0	17.99	17.96	17.82	19.3	0
3	64QAM	8	4	17.89	17.76	17.81		
3	64QAM	8	7	17.89	17.87	17.86		
3	64QAM	15	0	17.97	17.90	17.83		
3	256QAM	1	0	17.77	17.95	17.85	19.3	0
3	256QAM	1	8	17.80	17.82	17.83		
3	256QAM	1	14	17.84	17.86	17.85		
3	256QAM	8	0	17.91	17.94	17.88	19.3	0
3	256QAM	8	4	17.91	17.85	17.85		
3	256QAM	8	7	17.90	17.84	17.87		
3	256QAM	15	0	17.84	17.79	17.86		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.91	18.01	17.88	19.3	0
1.4	QPSK	1	3	18.01	17.96	17.88		
1.4	QPSK	1	5	17.84	17.84	17.85		
1.4	QPSK	3	0	17.85	17.95	17.89		
1.4	QPSK	3	1	17.87	17.88	18.01		
1.4	QPSK	3	3	17.74	17.78	17.87		
1.4	QPSK	6	0	17.76	17.95	17.91	19.3	0
1.4	16QAM	1	0	17.89	17.81	17.99	19.3	0
1.4	16QAM	1	3	17.96	17.97	17.77		
1.4	16QAM	1	5	17.98	17.91	17.91		
1.4	16QAM	3	0	17.90	17.83	17.91		
1.4	16QAM	3	1	17.85	17.93	17.83		
1.4	16QAM	3	3	17.91	17.75	17.88		
1.4	16QAM	6	0	17.94	17.73	17.86	19.3	0
1.4	64QAM	1	0	17.82	17.74	17.82	19.3	0
1.4	64QAM	1	3	17.90	18.02	17.77		
1.4	64QAM	1	5	17.76	17.89	17.95		
1.4	64QAM	3	0	17.90	17.93	17.77		
1.4	64QAM	3	1	17.88	17.86	17.75		
1.4	64QAM	3	3	17.95	17.88	17.76		
1.4	64QAM	6	0	17.97	17.95	17.84	19.3	0
1.4	256QAM	1	0	17.88	17.92	17.85	19.3	0
1.4	256QAM	1	3	17.89	17.80	17.79		
1.4	256QAM	1	5	17.84	17.92	17.86		
1.4	256QAM	3	0	17.96	17.92	17.88		
1.4	256QAM	3	1	17.93	17.90	17.85		
1.4	256QAM	3	3	17.90	17.76	17.83		
1.4	256QAM	6	0	17.88	17.78	17.92	19.3	0

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133297	133372		
Frequency (MHz)				673	680.5	688		
20	QPSK	1	0	22.84	22.89	22.76	24	0
20	QPSK	1	49	22.78	22.76	22.68		
20	QPSK	1	99	22.66	22.79	22.71		
20	QPSK	50	0	22.70	22.87	22.63	24	0
20	QPSK	50	24	22.74	22.83	22.68		
20	QPSK	50	50	22.66	22.86	22.69		
20	QPSK	100	0	22.68	22.75	22.66		
20	16QAM	1	0	22.80	22.83	22.61	24	0
20	16QAM	1	49	22.76	22.76	22.64		
20	16QAM	1	99	22.74	22.75	22.68		
20	16QAM	50	0	21.71	21.76	21.71	23	1
20	16QAM	50	24	21.71	21.90	21.84		
20	16QAM	50	50	21.83	21.95	21.89		
20	16QAM	100	0	21.71	21.79	21.80		
20	64QAM	1	0	21.70	21.97	21.90	23	1
20	64QAM	1	49	21.90	21.87	21.86		
20	64QAM	1	99	21.87	21.78	21.90		
20	64QAM	50	0	20.86	20.90	20.72	22	2
20	64QAM	50	24	20.85	20.74	20.91		
20	64QAM	50	50	20.75	20.77	20.83		
20	64QAM	100	0	20.69	20.95	20.67		
20	256QAM	1	0	18.85	18.83	18.71	20	4
20	256QAM	1	49	18.87	18.82	18.75		
20	256QAM	1	99	18.93	18.85	18.71		
20	256QAM	50	0	18.87	18.76	18.72	20	4
20	256QAM	50	24	18.83	18.96	18.62		
20	256QAM	50	50	18.81	18.77	18.63		
20	256QAM	100	0	18.97	18.95	18.80		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.72	22.82	22.74	24	0
15	QPSK	1	37	22.65	22.64	22.55		
15	QPSK	1	74	22.48	22.62	22.54		
15	QPSK	36	0	22.52	22.76	22.57	24	0
15	QPSK	36	20	22.60	22.76	22.54		
15	QPSK	36	39	22.53	22.72	22.56		
15	QPSK	75	0	22.58	22.72	22.61		
15	16QAM	1	0	22.71	22.65	22.54	24	0
15	16QAM	1	37	22.61	22.69	22.52		
15	16QAM	1	74	22.62	22.66	22.60		
15	16QAM	36	0	21.56	21.60	21.65	23	1
15	16QAM	36	20	21.67	21.72	21.69		
15	16QAM	36	39	21.69	21.91	21.73		
15	16QAM	75	0	21.66	21.71	21.63		
15	64QAM	1	0	21.52	21.82	21.85	23	1
15	64QAM	1	37	21.73	21.80	21.80		
15	64QAM	1	74	21.77	21.61	21.78		
15	64QAM	36	0	20.77	20.86	20.69	22	2
15	64QAM	36	20	20.70	20.68	20.82		
15	64QAM	36	39	20.62	20.68	20.80		
15	64QAM	75	0	20.55	20.80	20.63		
15	256QAM	1	0	18.81	18.74	18.66	20	4
15	256QAM	1	37	18.69	18.75	18.63		
15	256QAM	1	74	18.80	18.80	18.66		
15	256QAM	36	0	18.77	18.63	18.66	20	4
15	256QAM	36	20	18.66	18.86	18.59		
15	256QAM	36	39	18.65	18.68	18.57		
15	256QAM	75	0	18.90	18.80	18.72		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.81	22.87	22.60	24	0
10	QPSK	1	25	22.73	22.71	22.54		
10	QPSK	1	49	22.53	22.62	22.65		
10	QPSK	25	0	22.55	22.79	22.55	24	0
10	QPSK	25	12	22.64	22.80	22.53		
10	QPSK	25	25	22.51	22.69	22.60		
10	QPSK	50	0	22.51	22.69	22.56		
10	16QAM	1	0	22.77	22.68	22.47	24	0
10	16QAM	1	25	22.68	22.63	22.52		
10	16QAM	1	49	22.72	22.63	22.61		
10	16QAM	25	0	21.53	21.69	21.58	23	1
10	16QAM	25	12	21.55	21.81	21.72		
10	16QAM	25	25	21.78	21.84	21.72		
10	16QAM	50	0	21.60	21.64	21.67		
10	64QAM	1	0	21.64	21.84	21.77	23	1
10	64QAM	1	25	21.76	21.78	21.70		
10	64QAM	1	49	21.71	21.69	21.74		
10	64QAM	25	0	20.81	20.74	20.66	22	2
10	64QAM	25	12	20.75	20.56	20.82		
10	64QAM	25	25	20.68	20.60	20.67		
10	64QAM	50	0	20.60	20.91	20.60		
10	256QAM	1	0	18.74	18.80	18.63	20	4
10	256QAM	1	25	18.80	18.79	18.67		
10	256QAM	1	49	18.81	18.82	18.65		
10	256QAM	25	0	18.79	18.62	18.68	20	4
10	256QAM	25	12	18.74	18.88	18.49		
10	256QAM	25	25	18.71	18.75	18.57		
10	256QAM	50	0	18.82	18.78	18.62		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.71	22.73	22.71	24	0
5	QPSK	1	12	22.62	22.61	22.61		
5	QPSK	1	24	22.64	22.65	22.57		
5	QPSK	12	0	22.62	22.80	22.57	24	0
5	QPSK	12	7	22.62	22.78	22.51		
5	QPSK	12	13	22.48	22.71	22.57		
5	QPSK	25	0	22.65	22.62	22.60		
5	16QAM	1	0	22.64	22.78	22.47	24	0
5	16QAM	1	12	22.71	22.65	22.54		
5	16QAM	1	24	22.67	22.64	22.56		
5	16QAM	12	0	21.65	21.73	21.57	23	1
5	16QAM	12	7	21.59	21.80	21.77		
5	16QAM	12	13	21.78	21.87	21.82		
5	16QAM	25	0	21.58	21.67	21.69		
5	64QAM	1	0	21.56	21.93	21.82	23	1
5	64QAM	1	12	21.79	21.84	21.73		
5	64QAM	1	24	21.75	21.71	21.84		
5	64QAM	12	0	20.79	20.76	20.57	22	2
5	64QAM	12	7	20.69	20.57	20.88		
5	64QAM	12	13	20.62	20.75	20.74		
5	64QAM	25	0	20.54	20.87	20.50		
5	256QAM	1	0	18.80	18.74	18.61	20	4
5	256QAM	1	12	18.77	18.67	18.65		
5	256QAM	1	24	18.88	18.80	18.63		
5	256QAM	12	0	18.71	18.63	18.66	20	4
5	256QAM	12	7	18.66	18.92	18.54		
5	256QAM	12	13	18.67	18.69	18.56		
5	256QAM	25	0	18.83	18.79	18.77		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.34	16.46	16.33	17.3	0
20	QPSK	1	49	16.32	16.29	16.40		
20	QPSK	1	99	16.30	16.42	16.38		
20	QPSK	50	0	16.41	16.44	16.29	17.3	0
20	QPSK	50	24	16.35	16.31	16.40		
20	QPSK	50	50	16.43	16.35	16.35		
20	QPSK	100	0	16.29	16.43	16.32		
20	16QAM	1	0	16.38	16.42	16.40	17.3	0
20	16QAM	1	49	16.38	16.36	16.38		
20	16QAM	1	99	16.29	16.28	16.37		
20	16QAM	50	0	16.30	16.39	16.42	17.3	0
20	16QAM	50	24	16.41	16.33	16.34		
20	16QAM	50	50	16.42	16.43	16.40		
20	16QAM	100	0	16.31	16.30	16.42		
20	64QAM	1	0	16.44	16.43	16.32	17.3	0
20	64QAM	1	49	16.39	16.30	16.42		
20	64QAM	1	99	16.30	16.44	16.38		
20	64QAM	50	0	16.28	16.29	16.38	17.3	0
20	64QAM	50	24	16.29	16.35	16.36		
20	64QAM	50	50	16.38	16.34	16.39		
20	64QAM	100	0	16.37	16.43	16.29		
20	256QAM	1	0	16.42	16.40	16.41	17.3	0
20	256QAM	1	49	16.35	16.28	16.31		
20	256QAM	1	99	16.31	16.37	16.41		
20	256QAM	50	0	16.33	16.30	16.43	17.3	0
20	256QAM	50	24	16.40	16.43	16.34		
20	256QAM	50	50	16.44	16.34	16.42		
20	256QAM	100	0	16.32	16.39	16.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.22	16.41	16.23	17.3	0
15	QPSK	1	37	16.14	16.20	16.29		
15	QPSK	1	74	16.26	16.38	16.21		
15	QPSK	36	0	16.34	16.40	16.18	17.3	0
15	QPSK	36	20	16.18	16.17	16.32		
15	QPSK	36	39	16.39	16.21	16.29		
15	QPSK	75	0	16.16	16.40	16.28		
15	16QAM	1	0	16.20	16.32	16.35	17.3	0
15	16QAM	1	37	16.34	16.21	16.25		
15	16QAM	1	74	16.15	16.14	16.30		
15	16QAM	36	0	16.13	16.36	16.36	17.3	0
15	16QAM	36	20	16.33	16.16	16.20		
15	16QAM	36	39	16.31	16.40	16.29		
15	16QAM	75	0	16.28	16.17	16.36		
15	64QAM	1	0	16.41	16.39	16.16	17.3	0
15	64QAM	1	37	16.35	16.28	16.26		
15	64QAM	1	74	16.26	16.33	16.24		
15	64QAM	36	0	16.12	16.26	16.33	17.3	0
15	64QAM	36	20	16.26	16.27	16.28		
15	64QAM	36	39	16.24	16.30	16.32		
15	64QAM	75	0	16.26	16.34	16.24		
15	256QAM	1	0	16.30	16.30	16.30	17.3	0
15	256QAM	1	37	16.33	16.13	16.24		
15	256QAM	1	74	16.23	16.30	16.36		
15	256QAM	36	0	16.20	16.15	16.35	17.3	0
15	256QAM	36	20	16.29	16.40	16.26		
15	256QAM	36	39	16.40	16.16	16.40		
15	256QAM	75	0	16.19	16.32	16.28		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.31	16.34	16.24	17.3	0
10	QPSK	1	25	16.25	16.11	16.32		
10	QPSK	1	49	16.13	16.40	16.29		
10	QPSK	25	0	16.33	16.29	16.19	17.3	0
10	QPSK	25	12	16.21	16.20	16.32		
10	QPSK	25	25	16.28	16.29	16.22		
10	QPSK	50	0	16.18	16.26	16.29		
10	16QAM	1	0	16.33	16.26	16.35	17.3	0
10	16QAM	1	25	16.33	16.26	16.29		
10	16QAM	1	49	16.18	16.24	16.26		
10	16QAM	25	0	16.26	16.34	16.35	17.3	0
10	16QAM	25	12	16.35	16.31	16.22		
10	16QAM	25	25	16.28	16.33	16.24		
10	16QAM	50	0	16.16	16.21	16.27		
10	64QAM	1	0	16.31	16.29	16.21	17.3	0
10	64QAM	1	25	16.31	16.16	16.27		
10	64QAM	1	49	16.13	16.35	16.35		
10	64QAM	25	0	16.13	16.21	16.29	17.3	0
10	64QAM	25	12	16.17	16.26	16.24		
10	64QAM	25	25	16.31	16.22	16.33		
10	64QAM	50	0	16.24	16.39	16.26		
10	256QAM	1	0	16.28	16.33	16.35	17.3	0
10	256QAM	1	25	16.23	16.19	16.22		
10	256QAM	1	49	16.22	16.27	16.33		
10	256QAM	25	0	16.31	16.25	16.39	17.3	0
10	256QAM	25	12	16.31	16.35	16.26		
10	256QAM	25	25	16.39	16.29	16.25		
10	256QAM	50	0	16.27	16.30	16.28		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.32	16.32	16.20	17.3	0
5	QPSK	1	12	16.25	16.15	16.28		
5	QPSK	1	24	16.21	16.28	16.34		
5	QPSK	12	0	16.38	16.26	16.12	17.3	0
5	QPSK	12	7	16.33	16.28	16.33		
5	QPSK	12	13	16.31	16.21	16.26		
5	QPSK	25	0	16.24	16.31	16.19		
5	16QAM	1	0	16.25	16.37	16.23	17.3	0
5	16QAM	1	12	16.29	16.29	16.29		
5	16QAM	1	24	16.18	16.13	16.29		
5	16QAM	12	0	16.26	16.22	16.34	17.3	0
5	16QAM	12	7	16.38	16.28	16.16		
5	16QAM	12	13	16.40	16.26	16.33		
5	16QAM	25	0	16.23	16.13	16.24		
5	64QAM	1	0	16.39	16.30	16.16	17.3	0
5	64QAM	1	12	16.28	16.14	16.31		
5	64QAM	1	24	16.24	16.28	16.31		
5	64QAM	12	0	16.11	16.17	16.33	17.3	0
5	64QAM	12	7	16.22	16.28	16.18		
5	64QAM	12	13	16.33	16.31	16.31		
5	64QAM	25	0	16.23	16.28	16.17		
5	256QAM	1	0	16.31	16.22	16.39	17.3	0
5	256QAM	1	12	16.22	16.20	16.29		
5	256QAM	1	24	16.25	16.25	16.25		
5	256QAM	12	0	16.25	16.26	16.29	17.3	0
5	256QAM	12	7	16.31	16.27	16.32		
5	256QAM	12	13	16.30	16.18	16.31		
5	256QAM	25	0	16.14	16.29	16.25		

Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.53	16.52	16.70	16.43	16.53	17.3	0
20	QPSK	1	49	16.40	16.49	16.40	16.44	16.40		
20	QPSK	1	99	16.48	16.48	16.42	16.42	16.53		
20	QPSK	50	0	16.48	16.44	16.59	16.50	16.43	17.3	0
20	QPSK	50	24	16.43	16.44	16.50	16.43	16.48		
20	QPSK	50	50	16.40	16.42	16.45	16.39	16.48		
20	QPSK	100	0	16.53	16.39	16.57	16.50	16.50		
20	16QAM	1	0	16.40	16.45	16.47	16.50	16.39	17.3	0
20	16QAM	1	49	16.45	16.53	16.40	16.41	16.45		
20	16QAM	1	99	16.51	16.45	16.52	16.49	16.51		
20	16QAM	50	0	16.51	16.38	16.51	16.43	16.53	17.3	0
20	16QAM	50	24	16.46	16.49	16.40	16.44	16.43		
20	16QAM	50	50	16.51	16.41	16.45	16.42	16.51		
20	16QAM	100	0	16.39	16.50	16.43	16.48	16.47		
20	64QAM	1	0	16.40	16.40	16.51	16.46	16.51	17.3	0
20	64QAM	1	49	16.52	16.45	16.44	16.44	16.38		
20	64QAM	1	99	16.38	16.47	16.51	16.41	16.40		
20	64QAM	50	0	16.48	16.40	16.45	16.38	16.50	17.3	0
20	64QAM	50	24	16.52	16.45	16.49	16.47	16.54		
20	64QAM	50	50	16.49	16.40	16.44	16.44	16.52		
20	64QAM	100	0	16.52	16.49	16.53	16.51	16.53		
20	256QAM	1	0	16.40	16.41	16.54	16.40	16.47	17.3	0
20	256QAM	1	49	16.43	16.39	16.49	16.51	16.45		
20	256QAM	1	99	16.40	16.46	16.43	16.52	16.42		
20	256QAM	50	0	16.41	16.44	16.40	16.41	16.43	17.3	0
20	256QAM	50	24	16.38	16.42	16.53	16.53	16.40		
20	256QAM	50	50	16.47	16.46	16.43	16.42	16.39		
20	256QAM	100	0	16.53	16.42	16.39	16.47	16.45		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.42	16.40	16.56	16.30	16.43	17	0
15	QPSK	1	37	16.27	16.42	16.30	16.30	16.29		
15	QPSK	1	74	16.33	16.42	16.26	16.32	16.44		
15	QPSK	36	0	16.36	16.29	16.41	16.34	16.34	17.3	0
15	QPSK	36	20	16.26	16.28	16.45	16.32	16.31		
15	QPSK	36	39	16.34	16.36	16.35	16.26	16.39		
15	QPSK	75	0	16.35	16.33	16.48	16.40	16.38		
15	16QAM	1	0	16.25	16.34	16.40	16.47	16.30	17.3	0
15	16QAM	1	37	16.27	16.37	16.31	16.33	16.34		
15	16QAM	1	74	16.40	16.32	16.49	16.38	16.46		
15	16QAM	36	0	16.39	16.32	16.33	16.27	16.47	17.3	0
15	16QAM	36	20	16.43	16.36	16.27	16.27	16.35		
15	16QAM	36	39	16.48	16.26	16.30	16.28	16.44		
15	16QAM	75	0	16.35	16.32	16.30	16.34	16.37		
15	64QAM	1	0	16.34	16.35	16.36	16.39	16.49	17.3	0
15	64QAM	1	37	16.44	16.30	16.39	16.32	16.24		
15	64QAM	1	74	16.33	16.36	16.44	16.35	16.26		
15	64QAM	36	0	16.44	16.25	16.42	16.34	16.39	17.3	0
15	64QAM	36	20	16.45	16.30	16.31	16.36	16.46		
15	64QAM	36	39	16.40	16.31	16.40	16.41	16.42		
15	64QAM	75	0	16.46	16.32	16.39	16.47	16.38		
15	256QAM	1	0	16.25	16.28	16.50	16.35	16.43	17.3	0
15	256QAM	1	37	16.29	16.31	16.35	16.46	16.36		
15	256QAM	1	74	16.37	16.35	16.30	16.41	16.34		
15	256QAM	36	0	16.33	16.32	16.34	16.39	16.29	17.3	0
15	256QAM	36	20	16.25	16.29	16.38	16.50	16.24		
15	256QAM	36	39	16.44	16.34	16.35	16.29	16.32		
15	256QAM	75	0	16.47	16.29	16.32	16.31	16.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.48	16.35	16.59	16.38	16.38	17	0
10	QPSK	1	25	16.26	16.38	16.30	16.41	16.27		
10	QPSK	1	49	16.41	16.44	16.27	16.36	16.51		
10	QPSK	25	0	16.34	16.26	16.56	16.35	16.30	17.3	0
10	QPSK	25	12	16.40	16.42	16.36	16.33	16.42		
10	QPSK	25	25	16.25	16.30	16.39	16.28	16.41		
10	QPSK	50	0	16.45	16.26	16.43	16.36	16.42		
10	16QAM	1	0	16.23	16.28	16.40	16.48	16.26	17.3	0
10	16QAM	1	25	16.42	16.42	16.36	16.37	16.37		
10	16QAM	1	49	16.36	16.34	16.35	16.41	16.33		
10	16QAM	25	0	16.40	16.21	16.37	16.27	16.38	17.3	0
10	16QAM	25	12	16.41	16.39	16.34	16.29	16.33		
10	16QAM	25	25	16.35	16.38	16.37	16.34	16.47		
10	16QAM	50	0	16.23	16.38	16.40	16.32	16.30		
10	64QAM	1	0	16.32	16.25	16.40	16.36	16.34	17.3	0
10	64QAM	1	25	16.34	16.42	16.40	16.32	16.25		
10	64QAM	1	49	16.33	16.41	16.44	16.34	16.27		
10	64QAM	25	0	16.45	16.31	16.37	16.33	16.47	17.3	0
10	64QAM	25	12	16.34	16.29	16.46	16.39	16.42		
10	64QAM	25	25	16.35	16.25	16.30	16.30	16.42		
10	64QAM	50	0	16.47	16.31	16.42	16.37	16.40		
10	256QAM	1	0	16.30	16.30	16.48	16.26	16.34	17.3	0
10	256QAM	1	25	16.40	16.28	16.40	16.40	16.36		
10	256QAM	1	49	16.24	16.29	16.34	16.43	16.31		
10	256QAM	25	0	16.24	16.38	16.28	16.34	16.28	17.3	0
10	256QAM	25	12	16.20	16.33	16.48	16.51	16.25		
10	256QAM	25	25	16.29	16.43	16.31	16.30	16.25		
10	256QAM	50	0	16.45	16.29	16.25	16.37	16.29		
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	16.50	16.41	16.52	16.35	16.43	17	0
5	QPSK	1	12	16.35	16.35	16.32	16.38	16.30		
5	QPSK	1	24	16.43	16.39	16.38	16.39	16.45		
5	QPSK	12	0	16.39	16.27	16.47	16.36	16.34	17.3	0
5	QPSK	12	7	16.37	16.34	16.43	16.35	16.30		
5	QPSK	12	13	16.38	16.35	16.34	16.27	16.42		
5	QPSK	25	0	16.45	16.36	16.54	16.40	16.46		
5	16QAM	1	0	16.36	16.35	16.34	16.35	16.35	17.3	0
5	16QAM	1	12	16.31	16.49	16.32	16.33	16.31		
5	16QAM	1	24	16.40	16.41	16.43	16.34	16.45		
5	16QAM	12	0	16.37	16.34	16.46	16.30	16.39	17.3	0
5	16QAM	12	7	16.30	16.31	16.22	16.39	16.37		
5	16QAM	12	13	16.46	16.28	16.31	16.35	16.43		
5	16QAM	25	0	16.23	16.40	16.30	16.39	16.30		
5	64QAM	1	0	16.30	16.25	16.35	16.44	16.37	17.3	0
5	64QAM	1	12	16.38	16.27	16.40	16.27	16.32		
5	64QAM	1	24	16.25	16.29	16.43	16.26	16.28		
5	64QAM	12	0	16.42	16.38	16.38	16.30	16.43	17.3	0
5	64QAM	12	7	16.49	16.31	16.33	16.31	16.50		
5	64QAM	12	13	16.46	16.29	16.39	16.34	16.39		
5	64QAM	25	0	16.39	16.36	16.50	16.40	16.48		
5	256QAM	1	0	16.30	16.24	16.41	16.35	16.40	17.3	0
5	256QAM	1	12	16.32	16.32	16.44	16.45	16.28		
5	256QAM	1	24	16.23	16.29	16.28	16.42	16.37		
5	256QAM	12	0	16.24	16.34	16.30	16.35	16.26	17.3	0
5	256QAM	12	7	16.33	16.26	16.47	16.44	16.23		
5	256QAM	12	13	16.31	16.41	16.28	16.40	16.35		
5	256QAM	25	0	16.42	16.27	16.24	16.32	16.29		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.12	18.04	18.15	17.99	18.12	18.9	0
20	QPSK	1	49	18.09	18.08	18.08	18.07	18.05		
20	QPSK	1	99	18.09	17.98	18.02	18.11	18.06		
20	QPSK	50	0	18.11	18.07	18.13	18.01	17.98	18.9	0
20	QPSK	50	24	18.00	18.10	17.98	18.09	18.12		
20	QPSK	50	50	18.07	17.99	18.03	18.02	18.07		
20	QPSK	100	0	18.10	17.98	18.11	18.07	17.99		
20	16QAM	1	0	18.02	17.98	18.03	17.98	18.04	18.9	0
20	16QAM	1	49	18.07	17.98	18.06	18.11	18.13		
20	16QAM	1	99	18.02	18.08	18.07	18.12	18.04		
20	16QAM	50	0	18.02	18.07	18.02	17.98	17.98	18.9	0
20	16QAM	50	24	18.01	18.12	18.05	18.08	17.98		
20	16QAM	50	50	18.06	18.09	18.00	17.98	18.01		
20	16QAM	100	0	18.05	18.00	18.02	18.07	18.08		
20	64QAM	1	0	18.03	18.03	18.03	18.09	17.98	18.9	0
20	64QAM	1	49	18.07	18.06	18.09	18.05	18.01		
20	64QAM	1	99	18.01	17.98	17.97	18.00	18.10		
20	64QAM	50	0	18.08	17.99	18.09	18.11	18.07	18.9	0
20	64QAM	50	24	18.03	18.11	17.97	17.97	18.04		
20	64QAM	50	50	18.11	17.97	18.06	18.11	18.01		
20	64QAM	100	0	18.07	18.08	17.98	18.09	17.98		
20	256QAM	1	0	18.12	18.07	18.01	18.07	18.07	18.9	0
20	256QAM	1	49	18.04	18.10	18.07	18.08	18.02		
20	256QAM	1	99	18.10	18.07	18.05	18.09	18.05		
20	256QAM	50	0	18.08	18.01	18.09	17.99	18.05	18.9	0
20	256QAM	50	24	18.11	17.99	17.99	18.06	17.97		
20	256QAM	50	50	18.04	18.11	18.00	18.08	18.10		
20	256QAM	100	0	18.02	18.05	18.03	18.04	18.07		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.00	17.93	18.11	17.89	18.07	19	0
15	QPSK	1	37	17.93	17.97	18.03	18.03	17.88		
15	QPSK	1	74	17.99	17.86	17.97	18.07	17.98		
15	QPSK	36	0	18.00	18.00	18.00	17.85	17.91	18.9	0
15	QPSK	36	20	17.85	17.97	17.83	18.00	18.04		
15	QPSK	36	39	18.01	17.91	17.96	17.88	17.90		
15	QPSK	75	0	17.99	17.96	18.02	17.97	17.95		
15	16QAM	1	0	17.99	17.86	17.99	17.81	17.86	18.9	0
15	16QAM	1	37	18.04	17.82	18.04	18.02	18.05		
15	16QAM	1	74	17.92	17.91	18.04	18.01	17.96		
15	16QAM	36	0	17.96	18.04	17.87	17.88	17.80	18.9	0
15	16QAM	36	20	17.86	18.10	17.96	17.92	17.89		
15	16QAM	36	39	18.02	18.00	17.97	17.84	17.86		
15	16QAM	75	0	18.03	17.97	17.87	18.01	17.94		
15	64QAM	1	0	17.97	17.95	17.92	17.92	17.89	18.9	0
15	64QAM	1	37	17.89	17.92	18.04	18.01	17.95		
15	64QAM	1	74	17.94	17.95	17.90	17.90	18.00		
15	64QAM	36	0	17.96	17.87	17.97	17.95	17.94	18.9	0
15	64QAM	36	20	18.01	17.94	17.80	17.84	17.99		
15	64QAM	36	39	18.06	17.80	17.89	17.96	17.92		
15	64QAM	75	0	17.95	18.03	17.95	17.94	17.90		
15	256QAM	1	0	18.03	18.01	17.85	18.03	18.01	18.9	0
15	256QAM	1	37	17.91	18.04	17.96	17.95	17.93		
15	256QAM	1	74	17.96	17.97	17.99	18.02	17.93		
15	256QAM	36	0	18.00	17.89	18.00	17.88	18.02	18.9	0
15	256QAM	36	20	18.08	17.87	17.87	18.01	17.88		
15	256QAM	36	39	18.02	17.99	17.85	17.95	17.93		
15	256QAM	75	0	17.97	17.92	18.00	17.92	18.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.09	17.87	18.02	17.88	18.06	19	0
10	QPSK	1	25	17.92	18.01	18.06	17.89	17.99		
10	QPSK	1	49	18.05	17.89	17.97	18.05	18.02		
10	QPSK	25	0	17.98	17.96	17.99	17.98	17.92	18.9	0
10	QPSK	25	12	17.85	18.02	17.86	18.00	18.03		
10	QPSK	25	25	18.04	17.94	17.99	17.85	17.98		
10	QPSK	50	0	17.96	17.96	18.01	18.01	17.96		
10	16QAM	1	0	17.98	17.94	17.92	17.86	17.98	18.9	0
10	16QAM	1	25	17.94	17.86	17.95	18.07	18.09		
10	16QAM	1	49	17.85	18.01	18.02	17.95	17.96		
10	16QAM	25	0	17.88	17.98	17.96	17.91	17.83	18.9	0
10	16QAM	25	12	17.89	18.08	17.92	18.01	17.94		
10	16QAM	25	25	18.02	18.05	17.85	17.86	17.91		
10	16QAM	50	0	17.98	17.88	17.98	17.96	18.03		
10	64QAM	1	0	17.89	17.97	17.88	17.95	17.90	18.9	0
10	64QAM	1	25	17.96	17.89	17.95	17.93	17.85		
10	64QAM	1	49	17.92	17.89	17.93	17.93	17.95		
10	64QAM	25	0	18.01	17.94	17.93	18.06	17.89	18.9	0
10	64QAM	25	12	17.96	17.97	17.82	17.92	17.89		
10	64QAM	25	25	18.08	17.90	18.03	18.01	17.89		
10	64QAM	50	0	18.02	17.98	17.93	18.05	17.87		
10	256QAM	1	0	18.07	17.90	17.98	17.95	17.90	18.9	0
10	256QAM	1	25	17.92	18.04	17.90	18.03	17.89		
10	256QAM	1	49	17.93	17.98	17.87	17.94	17.99		
10	256QAM	25	0	18.05	17.87	18.04	17.81	17.99	18.9	0
10	256QAM	25	12	18.00	17.83	17.87	17.92	17.85		
10	256QAM	25	25	18.01	18.06	17.83	17.98	18.06		
10	256QAM	50	0	17.91	17.92	17.88	17.96	18.00		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.08	17.92	18.01	17.92	18.01	19	0
5	QPSK	1	12	17.98	18.04	18.02	18.03	17.93		
5	QPSK	1	24	18.02	17.86	17.88	17.94	18.03		
5	QPSK	12	0	17.99	18.01	18.03	17.84	17.91	18.9	0
5	QPSK	12	7	17.97	17.96	17.83	18.05	17.98		
5	QPSK	12	13	17.96	17.91	17.85	17.85	18.02		
5	QPSK	25	0	17.99	17.92	17.98	18.03	17.81		
5	16QAM	1	0	17.91	17.86	17.90	17.83	17.95	18.9	0
5	16QAM	1	12	17.97	17.93	18.02	18.08	18.10		
5	16QAM	1	24	17.91	17.95	18.02	18.06	17.93		
5	16QAM	12	0	17.97	17.89	17.91	17.94	17.88	18.9	0
5	16QAM	12	7	17.90	18.10	17.89	18.02	17.96		
5	16QAM	12	13	17.93	17.98	17.83	17.91	17.95		
5	16QAM	25	0	17.94	17.97	17.89	17.98	17.94		
5	64QAM	1	0	17.90	17.98	17.89	18.01	17.83	18.9	0
5	64QAM	1	12	18.03	17.90	17.91	17.87	17.96		
5	64QAM	1	24	17.84	17.84	17.79	17.86	18.03		
5	64QAM	12	0	18.00	17.89	18.05	18.02	17.99	18.9	0
5	64QAM	12	7	17.94	17.96	17.89	17.89	17.88		
5	64QAM	12	13	17.98	17.95	18.02	18.05	17.97		
5	64QAM	25	0	17.98	18.02	17.81	17.96	17.92		
5	256QAM	1	0	17.97	17.97	17.86	17.91	17.99	18.9	0
5	256QAM	1	12	17.88	18.06	17.93	18.00	17.86		
5	256QAM	1	24	17.92	18.02	17.95	18.05	17.90		
5	256QAM	12	0	18.02	17.98	18.02	17.86	17.99	18.9	0
5	256QAM	12	7	17.97	17.90	17.97	17.88	17.85		
5	256QAM	12	13	17.94	17.96	17.83	18.05	18.04		
5	256QAM	25	0	17.97	17.92	18.01	17.93	18.04		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.38	16.42	16.31	17	0
20	QPSK	1	49	16.26	16.34	16.18		
20	QPSK	1	99	16.33	16.32	16.15		
20	QPSK	50	0	15.24	15.49	15.32	17	0
20	QPSK	50	24	15.32	15.45	15.39		
20	QPSK	50	50	15.39	15.47	15.28		
20	QPSK	100	0	15.47	15.48	15.42		
20	16QAM	1	0	15.26	15.57	15.33	17	0
20	16QAM	1	49	15.49	15.37	15.41		
20	16QAM	1	99	15.34	15.53	15.34		
20	16QAM	50	0	14.35	14.31	14.40	16	1
20	16QAM	50	24	14.49	14.28	14.20		
20	16QAM	50	50	14.44	14.48	14.38		
20	16QAM	100	0	14.29	14.51	14.42		
20	64QAM	1	0	14.35	14.33	14.21	16	1
20	64QAM	1	49	14.45	14.40	14.23		
20	64QAM	1	99	14.50	14.48	14.23		
20	64QAM	50	0	13.48	13.33	13.37	15	2
20	64QAM	50	24	13.34	13.36	13.38		
20	64QAM	50	50	13.31	13.52	13.22		
20	64QAM	100	0	13.25	13.35	13.43		
20	256QAM	1	0	11.29	11.27	11.30	13	4
20	256QAM	1	49	11.53	11.56	11.20		
20	256QAM	1	99	11.44	11.28	11.33		
20	256QAM	50	0	11.40	11.54	11.34	13	4
20	256QAM	50	24	11.37	11.57	11.29		
20	256QAM	50	50	11.32	11.49	11.31		
20	256QAM	100	0	11.49	11.41	11.20		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.36	16.39	16.28	17	0
15	QPSK	1	37	16.21	16.18	16.04		
15	QPSK	1	74	16.28	16.29	15.99		
15	QPSK	36	0	15.08	15.38	15.20	17	0
15	QPSK	36	20	15.27	15.28	15.24		
15	QPSK	36	39	15.30	15.43	15.17		
15	QPSK	75	0	15.38	15.42	15.33		
15	16QAM	1	0	15.21	15.46	15.20	17	0
15	16QAM	1	37	15.42	15.28	15.27		
15	16QAM	1	74	15.26	15.47	15.17		
15	16QAM	36	0	14.18	14.25	14.25	16	1
15	16QAM	36	20	14.36	14.12	14.12		
15	16QAM	36	39	14.36	14.40	14.20		
15	16QAM	75	0	14.12	14.49	14.28		
15	64QAM	1	0	14.24	14.26	14.03	16	1
15	64QAM	1	37	14.34	14.24	14.14		
15	64QAM	1	74	14.38	14.45	14.19		
15	64QAM	36	0	13.32	13.20	13.26	15	2
15	64QAM	36	20	13.28	13.24	13.22		
15	64QAM	36	39	13.19	13.43	13.20		
15	64QAM	75	0	13.14	13.22	13.39		
15	256QAM	1	0	11.18	11.13	11.25	13	4
15	256QAM	1	37	11.48	11.41	11.12		
15	256QAM	1	74	11.35	11.10	11.23		
15	256QAM	36	0	11.23	11.44	11.17	13	4
15	256QAM	36	20	11.28	11.46	11.26		
15	256QAM	36	39	11.24	11.42	11.15		
15	256QAM	75	0	11.34	11.28	11.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.34	16.40	16.26	17	0
10	QPSK	1	25	16.19	16.26	16.10		
10	QPSK	1	49	16.28	16.17	16.10		
10	QPSK	25	0	15.14	15.41	15.25	17	0
10	QPSK	25	12	15.25	15.31	15.31		
10	QPSK	25	25	15.26	15.38	15.23		
10	QPSK	50	0	15.36	15.38	15.38		
10	16QAM	1	0	15.16	15.42	15.23	17	0
10	16QAM	1	25	15.37	15.29	15.25		
10	16QAM	1	49	15.20	15.41	15.31		
10	16QAM	25	0	14.25	14.24	14.35	16	1
10	16QAM	25	12	14.46	14.22	14.15		
10	16QAM	25	25	14.27	14.41	14.22		
10	16QAM	50	0	14.26	14.36	14.35		
10	64QAM	1	0	14.20	14.29	14.03	16	1
10	64QAM	1	25	14.41	14.26	14.06		
10	64QAM	1	49	14.46	14.38	14.10		
10	64QAM	25	0	13.38	13.24	13.26	15	2
10	64QAM	25	12	13.29	13.30	13.24		
10	64QAM	25	25	13.24	13.49	13.17		
10	64QAM	50	0	13.08	13.23	13.41		
10	256QAM	1	0	11.20	11.19	11.18	13	4
10	256QAM	1	25	11.40	11.53	11.13		
10	256QAM	1	49	11.27	11.13	11.24		
10	256QAM	25	0	11.33	11.41	11.16	13	4
10	256QAM	25	12	11.26	11.41	11.12		
10	256QAM	25	25	11.30	11.31	11.17		
10	256QAM	50	0	11.47	11.38	11.14		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.30	16.27	16.17	17	0
5	QPSK	1	12	16.14	16.23	16.04		
5	QPSK	1	24	16.17	16.24	16.05		
5	QPSK	12	0	15.20	15.42	15.28	17	0
5	QPSK	12	7	15.25	15.34	15.28		
5	QPSK	12	13	15.21	15.39	15.10		
5	QPSK	25	0	15.35	15.43	15.32		
5	16QAM	1	0	15.09	15.49	15.22	17	0
5	16QAM	1	12	15.43	15.28	15.30		
5	16QAM	1	24	15.31	15.37	15.17		
5	16QAM	12	0	14.21	14.23	14.29	16	1
5	16QAM	12	7	14.42	14.25	14.02		
5	16QAM	12	13	14.40	14.33	14.31		
5	16QAM	25	0	14.20	14.36	14.34		
5	64QAM	1	0	14.29	14.23	14.04	16	1
5	64QAM	1	12	14.38	14.29	14.06		
5	64QAM	1	24	14.45	14.30	14.20		
5	64QAM	12	0	13.34	13.27	13.23	15	2
5	64QAM	12	7	13.17	13.21	13.35		
5	64QAM	12	13	13.28	13.48	13.07		
5	64QAM	25	0	13.15	13.33	13.26		
5	256QAM	1	0	11.22	11.20	11.14	13	4
5	256QAM	1	12	11.42	11.50	11.16		
5	256QAM	1	24	11.28	11.10	11.21		
5	256QAM	12	0	11.25	11.36	11.24	13	4
5	256QAM	12	7	11.26	11.40	11.12		
5	256QAM	12	13	11.28	11.39	11.28		
5	256QAM	25	0	11.33	11.35	11.06		

Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.41	18.57	18.71	18.52	18.41	20	0
20	QPSK	1	49	18.32	18.40	18.60	18.42	18.26		
20	QPSK	1	99	18.36	18.50	18.57	18.45	18.32		
20	QPSK	50	0	17.36	17.62	17.72	17.51	17.51	19	1
20	QPSK	50	24	17.43	17.65	17.62	17.65	17.49		
20	QPSK	50	50	17.46	17.62	17.71	17.39	17.39		
20	QPSK	100	0	17.42	17.66	17.67	17.43	17.41		
20	16QAM	1	0	17.32	17.50	17.71	17.38	17.42	19	1
20	16QAM	1	49	17.56	17.60	17.67	17.38	17.53		
20	16QAM	1	99	17.32	17.53	17.74	17.50	17.28		
20	16QAM	50	0	16.41	16.55	16.79	16.51	16.42	18	2
20	16QAM	50	24	16.31	16.59	16.64	16.37	16.32		
20	16QAM	50	50	16.36	16.72	16.75	16.66	16.36		
20	16QAM	100	0	16.49	16.54	16.65	16.67	16.31		
20	64QAM	1	0	16.40	16.42	16.63	16.58	16.29	18	2
20	64QAM	1	49	16.33	16.63	16.62	16.39	16.40		
20	64QAM	1	99	16.56	16.61	16.78	16.63	16.47		
20	64QAM	50	0	15.30	15.68	15.72	15.49	15.46	17	3
20	64QAM	50	24	15.27	15.71	15.67	15.57	15.33		
20	64QAM	50	50	15.42	15.62	15.67	15.59	15.37		
20	64QAM	100	0	15.31	15.61	15.65	15.60	15.54		
20	256QAM	1	0	13.29	13.61	13.56	13.38	13.45	15	5
20	256QAM	1	49	13.54	13.60	13.76	13.38	13.44		
20	256QAM	1	99	13.55	13.42	13.59	13.53	13.27		
20	256QAM	50	0	13.33	13.63	13.57	13.43	13.40	15	5
20	256QAM	50	24	13.34	13.67	13.72	13.57	13.39		
20	256QAM	50	50	13.41	13.51	13.61	13.60	13.29		
20	256QAM	100	0	13.41	13.57	13.85	13.49	13.35		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.30	18.48	18.57	18.42	18.25	20	0
15	QPSK	1	37	18.22	18.26	18.45	18.29	18.17		
15	QPSK	1	74	18.25	18.47	18.53	18.40	18.23		
15	QPSK	36	0	17.29	17.60	17.59	17.38	17.46	19	1
15	QPSK	36	20	17.33	17.54	17.57	17.47	17.38		
15	QPSK	36	39	17.31	17.46	17.60	17.29	17.26		
15	QPSK	75	0	17.39	17.53	17.64	17.31	17.26		
15	16QAM	1	0	17.29	17.47	17.65	17.20	17.36	19	1
15	16QAM	1	37	17.38	17.56	17.58	17.35	17.42		
15	16QAM	1	74	17.28	17.36	17.57	17.32	17.16		
15	16QAM	36	0	16.31	16.46	16.63	16.47	16.30	18	2
15	16QAM	36	20	16.14	16.43	16.50	16.27	16.17		
15	16QAM	36	39	16.32	16.56	16.63	16.54	16.33		
15	16QAM	75	0	16.39	16.39	16.51	16.55	16.18		
15	64QAM	1	0	16.38	16.33	16.50	16.48	16.23	18	2
15	64QAM	1	37	16.29	16.53	16.57	16.33	16.34		
15	64QAM	1	74	16.38	16.54	16.61	16.60	16.35		
15	64QAM	36	0	15.53	15.54	15.85	15.66	15.52	17	3
15	64QAM	36	20	15.55	15.58	15.73	15.42	15.44		
15	64QAM	36	39	15.55	15.58	15.66	15.53	15.36		
15	64QAM	75	0	15.23	15.58	15.47	15.48	15.47		
15	256QAM	1	0	13.26	13.46	13.42	13.28	13.31	15	5
15	256QAM	1	37	13.39	13.57	13.64	13.22	13.28		
15	256QAM	1	74	13.50	13.34	13.48	13.48	13.20		
15	256QAM	36	0	13.28	13.57	13.43	13.33	13.32	15	5
15	256QAM	36	20	13.18	13.60	13.61	13.54	13.34		
15	256QAM	36	39	13.30	13.46	13.48	13.42	13.20		
15	256QAM	75	0	13.28	13.47	13.69	13.41	13.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.29	18.41	18.55	18.35	18.25	20	0
10	QPSK	1	25	18.19	18.32	18.53	18.38	18.11		
10	QPSK	1	49	18.21	18.41	18.54	18.36	18.16		
10	QPSK	25	0	17.21	17.57	17.60	17.41	17.45	19	1
10	QPSK	25	12	17.37	17.59	17.46	17.49	17.36		
10	QPSK	25	25	17.40	17.53	17.68	17.35	17.32		
10	QPSK	50	0	17.24	17.63	17.52	17.41	17.32		
10	16QAM	1	0	17.27	17.45	17.60	17.33	17.27	19	1
10	16QAM	1	25	17.45	17.44	17.62	17.28	17.35		
10	16QAM	1	49	17.14	17.44	17.64	17.43	17.25		
10	16QAM	25	0	16.32	16.48	16.64	16.36	16.36	18	2
10	16QAM	25	12	16.20	16.44	16.53	16.28	16.25		
10	16QAM	25	25	16.34	16.60	16.61	16.62	16.30		
10	16QAM	50	0	16.35	16.40	16.49	16.57	16.21		
10	64QAM	1	0	16.36	16.35	16.45	16.51	16.21	18	2
10	64QAM	1	25	16.21	16.46	16.58	16.23	16.29		
10	64QAM	1	49	16.50	16.56	16.69	16.45	16.29		
10	64QAM	25	0	15.22	15.61	15.63	15.39	15.34	17	3
10	64QAM	25	12	15.17	15.61	15.50	15.54	15.20		
10	64QAM	25	25	15.31	15.49	15.53	15.50	15.30		
10	64QAM	50	0	15.23	15.59	15.49	15.49	15.46		
10	256QAM	1	0	13.32	13.65	13.69	13.67	13.54	15	5
10	256QAM	1	25	13.36	13.61	13.80	13.43	13.39		
10	256QAM	1	49	13.52	13.64	13.74	13.55	13.35		
10	256QAM	25	0	13.24	13.55	13.55	13.39	13.37	15	5
10	256QAM	25	12	13.20	13.57	13.58	13.48	13.33		
10	256QAM	25	25	13.23	13.36	13.44	13.43	13.14		
10	256QAM	50	0	13.29	13.47	13.78	13.43	13.28		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.23	18.51	18.56	18.37	18.28	20	0
5	QPSK	1	12	18.28	18.36	18.50	18.27	18.21		
5	QPSK	1	24	18.22	18.40	18.40	18.33	18.17		
5	QPSK	12	0	17.22	17.47	17.64	17.34	17.37	19	1
5	QPSK	12	7	17.34	17.52	17.45	17.61	17.47		
5	QPSK	12	13	17.42	17.47	17.62	17.26	17.33		
5	QPSK	25	0	17.32	17.49	17.63	17.35	17.31		
5	16QAM	1	0	17.19	17.39	17.58	17.32	17.33	19	1
5	16QAM	1	12	17.50	17.52	17.64	17.26	17.38		
5	16QAM	1	24	17.27	17.39	17.58	17.46	17.24		
5	16QAM	12	0	16.35	16.65	16.77	16.38	16.34	18	2
5	16QAM	12	7	16.41	16.56	16.60	16.37	16.48		
5	16QAM	12	13	16.39	16.58	16.71	16.66	16.30		
5	16QAM	25	0	16.40	16.39	16.51	16.60	16.18		
5	64QAM	1	0	16.51	16.47	16.81	16.40	16.53	18	2
5	64QAM	1	12	16.56	16.68	16.82	16.67	16.32		
5	64QAM	1	24	16.53	16.62	16.62	16.60	16.50		
5	64QAM	12	0	15.25	15.62	15.65	15.33	15.29	17	3
5	64QAM	12	7	15.18	15.53	15.54	15.53	15.24		
5	64QAM	12	13	15.26	15.46	15.51	15.56	15.30		
5	64QAM	25	0	15.25	15.55	15.57	15.53	15.45		
5	256QAM	1	0	13.22	13.48	13.51	13.29	13.43	15	5
5	256QAM	1	12	13.44	13.50	13.71	13.31	13.39		
5	256QAM	1	24	13.48	13.38	13.51	13.41	13.24		
5	256QAM	12	0	13.28	13.58	13.47	13.29	13.22	15	5
5	256QAM	12	7	13.23	13.52	13.67	13.47	13.36		
5	256QAM	12	13	13.31	13.37	13.58	13.56	13.24		
5	256QAM	25	0	13.36	13.53	13.74	13.36	13.30		

Band 41 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.19	20.18	20.37	20.34	20.23	21.7	0
20	QPSK	1	49	20.05	20.05	20.11	19.93	20.11		
20	QPSK	1	99	20.04	20.07	20.15	20.02	20.09		
20	QPSK	50	0	20.15	20.14	20.32	20.31	20.18	21.7	0
20	QPSK	50	24	20.02	19.97	20.04	19.87	20.04		
20	QPSK	50	50	20.01	20.05	20.06	20.00	20.01		
20	QPSK	100	0	20.09	20.11	20.22	20.21	20.09		
20	16QAM	1	0	19.92	19.90	19.97	19.88	19.96	21.7	0
20	16QAM	1	49	19.92	20.01	20.02	19.91	19.93		
20	16QAM	1	99	20.11	20.09	20.30	20.27	20.16		
20	16QAM	50	0	20.17	19.98	20.34	19.95	20.00	21	0.7
20	16QAM	50	24	20.05	19.96	20.05	19.91	20.15		
20	16QAM	50	50	20.01	20.06	20.06	19.99	19.95		
20	16QAM	100	0	20.19	19.95	20.24	19.92	20.03		
20	64QAM	1	0	20.18	20.09	20.00	20.02	20.05	21	0.7
20	64QAM	1	49	20.10	19.92	20.34	19.92	19.94		
20	64QAM	1	99	20.27	19.90	20.13	20.02	20.00		
20	64QAM	50	0	19.42	19.34	19.64	19.36	19.42	20	1.7
20	64QAM	50	24	19.53	19.33	19.63	19.18	19.37		
20	64QAM	50	50	19.32	19.32	19.60	19.45	19.47		
20	64QAM	100	0	19.48	19.20	19.66	19.38	19.46		
20	256QAM	1	0	17.46	17.18	17.54	17.24	17.40	18	3.7
20	256QAM	1	49	17.36	17.32	17.41	17.24	17.22		
20	256QAM	1	99	17.31	17.29	17.64	17.23	17.44		
20	256QAM	50	0	17.40	17.20	17.52	17.25	17.29	18	3.7
20	256QAM	50	24	17.46	17.44	17.66	17.33	17.38		
20	256QAM	50	50	17.32	17.23	17.58	17.30	17.39		
20	256QAM	100	0	17.40	17.31	17.52	17.22	17.26		
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	20.14	20.11	20.32	20.27	20.21	22	0
15	QPSK	1	37	19.97	20.02	20.04	19.91	20.06		
15	QPSK	1	74	19.96	20.02	20.06	19.95	20.05		
15	QPSK	36	0	20.08	20.06	20.28	20.26	20.09	21.7	0
15	QPSK	36	20	19.98	19.91	19.98	19.83	19.96		
15	QPSK	36	39	19.96	19.96	19.98	19.96	19.94		
15	QPSK	75	0	20.03	20.06	20.18	20.17	20.04		
15	16QAM	1	0	19.87	19.87	19.95	19.89	19.87	21.7	0
15	16QAM	1	37	19.88	19.98	19.96	19.88	19.87		
15	16QAM	1	74	20.03	20.06	20.28	20.22	20.12		
15	16QAM	36	0	20.11	19.86	20.15	19.77	19.85	21	0.7
15	16QAM	36	20	19.91	19.92	20.23	19.79	20.11		
15	16QAM	36	39	19.96	19.91	20.08	19.90	19.83		
15	16QAM	75	0	20.15	19.86	20.33	19.89	19.93		
15	64QAM	1	0	20.13	19.98	20.23	19.97	19.92	21	0.7
15	64QAM	1	37	20.02	19.75	20.23	19.87	19.83		
15	64QAM	1	74	20.22	19.74	20.08	19.96	19.83		
15	64QAM	36	0	19.08	18.95	19.28	19.05	18.99	20	1.7
15	64QAM	36	20	19.14	18.96	19.24	18.85	18.92		
15	64QAM	36	39	18.88	18.86	19.23	18.99	19.12		
15	64QAM	75	0	19.08	18.81	19.28	18.99	19.09		
15	256QAM	1	0	17.07	16.80	17.08	16.88	16.98	18	3.7
15	256QAM	1	37	16.94	16.96	17.01	16.85	16.85		
15	256QAM	1	74	16.93	16.83	17.29	16.80	17.05		
15	256QAM	36	0	17.09	16.80	17.13	16.83	16.90	18	3.7
15	256QAM	36	20	17.07	17.09	17.26	17.00	16.94		
15	256QAM	36	39	17.01	16.79	17.22	16.86	17.02		
15	256QAM	75	0	16.95	16.86	17.15	16.89	16.93		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.16	20.10	20.31	20.29	20.20	22	0
10	QPSK	1	25	19.97	19.97	20.04	19.83	20.06		
10	QPSK	1	49	20.01	19.99	20.13	19.95	20.01		
10	QPSK	25	0	20.10	20.11	20.25	20.22	20.10	21.7	0
10	QPSK	25	12	19.97	19.89	19.95	19.81	19.97		
10	QPSK	25	25	19.93	19.98	19.98	19.91	19.93		
10	QPSK	50	0	20.06	20.04	20.12	20.18	20.06		
10	16QAM	1	0	19.86	19.83	19.94	19.89	19.90	21.7	0
10	16QAM	1	25	19.85	19.97	19.98	19.84	19.88		
10	16QAM	1	49	20.04	20.04	20.28	20.20	20.12		
10	16QAM	25	0	20.11	19.82	20.12	19.91	19.92	21	0.7
10	16QAM	25	12	20.00	19.89	20.26	19.83	20.11		
10	16QAM	25	25	19.94	19.99	20.08	19.81	19.85		
10	16QAM	50	0	20.15	19.90	20.22	19.77	19.95		
10	64QAM	1	0	20.04	20.15	20.32	20.17	20.07	21	0.7
10	64QAM	1	25	20.15	19.95	20.29	20.15	19.92		
10	64QAM	1	49	20.12	19.94	20.13	19.91	19.91		
10	64QAM	25	0	19.08	19.01	19.28	18.96	19.11	20	1.7
10	64QAM	25	12	19.21	18.92	19.27	18.83	18.99		
10	64QAM	25	25	18.89	18.95	19.26	19.03	19.08		
10	64QAM	50	0	19.17	18.85	19.32	19.03	19.06		
10	256QAM	1	0	17.02	16.79	17.22	16.81	17.05	18	3.7
10	256QAM	1	25	16.98	16.99	17.06	16.82	16.87		
10	256QAM	1	49	17.00	16.84	17.24	16.87	17.00		
10	256QAM	25	0	16.95	16.78	17.12	16.90	16.91	18	3.7
10	256QAM	25	12	17.06	17.02	17.28	16.87	16.94		
10	256QAM	25	25	16.99	16.92	17.23	16.93	17.02		
10	256QAM	50	0	17.02	16.89	17.20	16.85	16.83		
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	20.13	20.16	20.28	20.26	20.19	22	0
5	QPSK	1	12	19.97	20.01	20.02	19.87	20.04		
5	QPSK	1	24	19.96	20.01	20.05	19.92	20.02		
5	QPSK	12	0	20.08	20.08	20.25	20.22	20.16	21.7	0
5	QPSK	12	7	19.97	19.89	19.96	19.84	19.99		
5	QPSK	12	13	19.99	20.00	20.03	19.97	19.99		
5	QPSK	25	0	20.06	20.09	20.15	20.19	20.03		
5	16QAM	1	0	19.83	19.86	19.89	19.80	19.92	21.7	0
5	16QAM	1	12	19.82	19.94	19.96	19.82	19.87		
5	16QAM	1	24	20.04	20.01	20.22	20.17	20.11		
5	16QAM	12	0	20.07	19.83	20.17	19.91	19.89	21	0.7
5	16QAM	12	7	19.90	19.87	20.25	19.76	20.05		
5	16QAM	12	13	19.93	20.02	20.07	19.96	19.79		
5	16QAM	25	0	20.10	19.85	20.31	19.83	19.89		
5	64QAM	1	0	20.12	19.93	20.26	19.85	19.88	21	0.7
5	64QAM	1	12	20.07	19.83	20.21	19.81	19.83		
5	64QAM	1	24	20.12	19.76	19.98	19.97	19.88		
5	64QAM	12	0	19.00	19.02	19.28	18.99	18.99	20	1.7
5	64QAM	12	7	19.22	18.94	19.30	18.85	19.01		
5	64QAM	12	13	18.97	19.01	19.17	19.07	19.13		
5	64QAM	25	0	19.08	18.76	19.22	18.99	19.01		
5	256QAM	1	0	17.10	16.83	17.21	16.85	17.06	18	3.7
5	256QAM	1	12	17.06	16.94	17.10	16.87	16.82		
5	256QAM	1	24	16.88	16.95	17.25	16.83	17.01		
5	256QAM	12	0	17.09	17.05	17.23	17.16	17.05	18	3.7
5	256QAM	12	7	17.13	17.04	17.30	16.98	16.95		
5	256QAM	12	13	16.93	16.91	17.13	16.86	16.93		
5	256QAM	25	0	17.05	16.95	17.16	16.92	16.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	16.39	16.54	16.34	17.9	0
20	QPSK	1	49	16.36	16.46	16.46		
20	QPSK	1	99	16.42	16.33	16.46		
20	QPSK	50	0	16.36	16.48	16.34	17.9	0
20	QPSK	50	24	16.38	16.40	16.40		
20	QPSK	50	50	16.46	16.41	16.43		
20	QPSK	100	0	16.46	16.47	16.38		
20	16QAM	1	0	16.33	16.42	16.32	17.9	0
20	16QAM	1	49	16.33	16.43	16.34		
20	16QAM	1	99	16.41	16.32	16.37		
20	16QAM	50	0	16.45	16.34	16.36	17.9	0
20	16QAM	50	24	16.39	16.33	16.43		
20	16QAM	50	50	16.41	16.39	16.36		
20	16QAM	100	0	16.37	16.39	16.45		
20	64QAM	1	0	16.41	16.33	16.36	17.9	0
20	64QAM	1	49	16.34	16.33	16.41		
20	64QAM	1	99	16.42	16.45	16.41		
20	64QAM	50	0	16.34	16.40	16.32	17.9	0
20	64QAM	50	24	16.33	16.38	16.40		
20	64QAM	50	50	16.40	16.33	16.46		
20	64QAM	100	0	16.39	16.42	16.44		
20	256QAM	1	0	16.33	16.40	16.36	17.9	0
20	256QAM	1	49	16.47	16.41	16.35		
20	256QAM	1	99	16.33	16.39	16.38		
20	256QAM	50	0	16.43	16.43	16.35	17.9	0
20	256QAM	50	24	16.34	16.38	16.40		
20	256QAM	50	50	16.39	16.46	16.35		
20	256QAM	100	0	16.38	16.40	16.45		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.34	16.37	16.29	17.9	0
15	QPSK	1	37	16.21	16.32	16.38		
15	QPSK	1	74	16.30	16.15	16.29		
15	QPSK	36	0	16.19	16.40	16.31	17.9	0
15	QPSK	36	20	16.24	16.27	16.34		
15	QPSK	36	39	16.35	16.32	16.31		
15	QPSK	75	0	16.29	16.44	16.26		
15	16QAM	1	0	16.24	16.32	16.18	17.9	0
15	16QAM	1	37	16.19	16.31	16.25		
15	16QAM	1	74	16.39	16.27	16.27		
15	16QAM	36	0	16.34	16.27	16.30	17.9	0
15	16QAM	36	20	16.31	16.16	16.31		
15	16QAM	36	39	16.33	16.22	16.25		
15	16QAM	75	0	16.35	16.34	16.37		
15	64QAM	1	0	16.37	16.16	16.22	17.9	0
15	64QAM	1	37	16.22	16.29	16.28		
15	64QAM	1	74	16.37	16.30	16.32		
15	64QAM	36	0	16.19	16.26	16.28	17.9	0
15	64QAM	36	20	16.29	16.21	16.25		
15	64QAM	36	39	16.26	16.17	16.34		
15	64QAM	75	0	16.36	16.37	16.31		
15	256QAM	1	0	16.30	16.30	16.30	17.9	0
15	256QAM	1	37	16.31	16.24	16.27		
15	256QAM	1	74	16.28	16.34	16.32		
15	256QAM	36	0	16.30	16.30	16.25	17.9	0
15	256QAM	36	20	16.31	16.32	16.37		
15	256QAM	36	39	16.26	16.29	16.30		
15	256QAM	75	0	16.28	16.26	16.29		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.22	16.43	16.18	17.9	0
10	QPSK	1	25	16.31	16.44	16.35		
10	QPSK	1	49	16.39	16.26	16.40		
10	QPSK	25	0	16.26	16.46	16.18	17.9	0
10	QPSK	25	12	16.29	16.33	16.30		
10	QPSK	25	25	16.35	16.31	16.28		
10	QPSK	50	0	16.31	16.45	16.21		
10	16QAM	1	0	16.28	16.35	16.16	17.9	0
10	16QAM	1	25	16.31	16.36	16.16		
10	16QAM	1	49	16.33	16.15	16.34		
10	16QAM	25	0	16.34	16.25	16.25	17.9	0
10	16QAM	25	12	16.28	16.23	16.31		
10	16QAM	25	25	16.39	16.22	16.27		
10	16QAM	50	0	16.29	16.33	16.35		
10	64QAM	1	0	16.30	16.23	16.34	17.9	0
10	64QAM	1	25	16.26	16.18	16.30		
10	64QAM	1	49	16.38	16.35	16.33		
10	64QAM	25	0	16.30	16.24	16.22	17.9	0
10	64QAM	25	12	16.19	16.30	16.36		
10	64QAM	25	25	16.37	16.20	16.38		
10	64QAM	50	0	16.26	16.36	16.30		
10	256QAM	1	0	16.27	16.31	16.33	17.9	0
10	256QAM	1	25	16.37	16.35	16.28		
10	256QAM	1	49	16.29	16.35	16.33		
10	256QAM	25	0	16.36	16.36	16.29	17.9	0
10	256QAM	25	12	16.28	16.25	16.31		
10	256QAM	25	25	16.24	16.35	16.28		
10	256QAM	50	0	16.33	16.33	16.37		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.30	16.43	16.21	17.9	0
5	QPSK	1	12	16.22	16.29	16.35		
5	QPSK	1	24	16.37	16.21	16.39		
5	QPSK	12	0	16.28	16.33	16.29	17.9	0
5	QPSK	12	7	16.33	16.38	16.31		
5	QPSK	12	13	16.37	16.32	16.36		
5	QPSK	25	0	16.34	16.44	16.21		
5	16QAM	1	0	16.17	16.37	16.22	17.9	0
5	16QAM	1	12	16.21	16.38	16.23		
5	16QAM	1	24	16.29	16.28	16.34		
5	16QAM	12	0	16.38	16.24	16.29	17.9	0
5	16QAM	12	7	16.27	16.21	16.30		
5	16QAM	12	13	16.35	16.22	16.24		
5	16QAM	25	0	16.26	16.24	16.31		
5	64QAM	1	0	16.29	16.26	16.33	17.9	0
5	64QAM	1	12	16.27	16.22	16.37		
5	64QAM	1	24	16.37	16.32	16.27		
5	64QAM	12	0	16.24	16.28	16.17	17.9	0
5	64QAM	12	7	16.27	16.33	16.23		
5	64QAM	12	13	16.37	16.17	16.40		
5	64QAM	25	0	16.24	16.30	16.32		
5	256QAM	1	0	16.26	16.36	16.19	17.9	0
5	256QAM	1	12	16.38	16.32	16.23		
5	256QAM	1	24	16.30	16.25	16.29		
5	256QAM	12	0	16.33	16.39	16.29	17.9	0
5	256QAM	12	7	16.20	16.36	16.27		
5	256QAM	12	13	16.30	16.30	16.27		
5	256QAM	25	0	16.22	16.31	16.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.23	16.55	16.29	16.24	17.3	0
20	QPSK	1	49	16.31	16.35	16.27	16.21		
20	QPSK	1	99	16.23	16.36	16.28	16.30		
20	QPSK	50	0	16.24	16.35	16.24	16.29	17.3	0
20	QPSK	50	24	16.29	16.27	16.26	16.24		
20	QPSK	50	50	16.26	16.34	16.28	16.28		
20	QPSK	100	0	16.26	16.37	16.29	16.26		
20	16QAM	1	0	16.35	16.22	16.21	16.31	17.3	0
20	16QAM	1	49	16.27	16.34	16.28	16.26		
20	16QAM	1	99	16.25	16.29	16.25	16.22		
20	16QAM	50	0	16.25	16.36	16.34	16.32	17.3	0
20	16QAM	50	24	16.21	16.33	16.35	16.21		
20	16QAM	50	50	16.33	16.35	16.34	16.25		
20	16QAM	100	0	16.24	16.25	16.27	16.34		
20	64QAM	1	0	16.35	16.26	16.30	16.37	17.3	0
20	64QAM	1	49	16.24	16.24	16.36	16.28		
20	64QAM	1	99	16.29	16.25	16.26	16.28		
20	64QAM	50	0	16.28	16.21	16.23	16.24	17.3	0
20	64QAM	50	24	16.29	16.32	16.25	16.34		
20	64QAM	50	50	16.29	16.26	16.33	16.32		
20	64QAM	100	0	16.26	16.33	16.33	16.22		
20	256QAM	1	0	16.23	16.28	16.35	16.28	17.3	0
20	256QAM	1	49	16.30	16.29	16.26	16.37		
20	256QAM	1	99	16.23	16.22	16.37	16.31		
20	256QAM	50	0	16.28	16.30	16.36	16.23	17.3	0
20	256QAM	50	24	16.29	16.36	16.30	16.25		
20	256QAM	50	50	16.35	16.27	16.34	16.26		
20	256QAM	100	0	16.34	16.29	16.37	16.27		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.09	16.11	16.15	16.10	17.3	0
15	QPSK	1	37	16.26	16.19	16.25	16.04		
15	QPSK	1	74	16.14	16.19	16.26	16.12		
15	QPSK	36	0	16.21	16.19	16.09	16.23	17.3	0
15	QPSK	36	20	16.26	16.12	16.10	16.16		
15	QPSK	36	39	16.10	16.30	16.12	16.18		
15	QPSK	75	0	16.13	16.24	16.20	16.24		
15	16QAM	1	0	16.27	16.16	16.18	16.28	17.3	0
15	16QAM	1	37	16.22	16.24	16.23	16.20		
15	16QAM	1	74	16.15	16.25	16.07	16.12		
15	16QAM	36	0	16.13	16.26	16.21	16.25	17.3	0
15	16QAM	36	20	16.14	16.16	16.20	16.07		
15	16QAM	36	39	16.25	16.26	16.20	16.16		
15	16QAM	75	0	16.19	16.16	16.21	16.30		
15	64QAM	1	0	16.29	16.21	16.21	16.32	17.3	0
15	64QAM	1	37	16.09	16.19	16.23	16.11		
15	64QAM	1	74	16.25	16.22	16.18	16.15		
15	64QAM	36	0	16.18	16.05	16.11	16.19	17.3	0
15	64QAM	36	20	16.20	16.18	16.09	16.19		
15	64QAM	36	39	16.22	16.17	16.28	16.20		
15	64QAM	75	0	16.16	16.30	16.16	16.06		
15	256QAM	1	0	16.13	16.15	16.24	16.18	17.3	0
15	256QAM	1	37	16.28	16.24	16.11	16.33		
15	256QAM	1	74	16.19	16.16	16.23	16.27		
15	256QAM	36	0	16.24	16.20	16.23	16.08	17.3	0
15	256QAM	36	20	16.16	16.31	16.20	16.16		
15	256QAM	36	39	16.30	16.21	16.20	16.17		
15	256QAM	75	0	16.27	16.16	16.30	16.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.14	16.12	16.13	16.14	17.3	0
10	QPSK	1	25	16.19	16.23	16.18	16.16		
10	QPSK	1	49	16.17	16.29	16.20	16.23		
10	QPSK	25	0	16.21	16.31	16.13	16.16	17.3	0
10	QPSK	25	12	16.12	16.24	16.17	16.21		
10	QPSK	25	25	16.22	16.28	16.17	16.23		
10	QPSK	50	0	16.17	16.24	16.17	16.09		
10	16QAM	1	0	16.19	16.10	16.10	16.24	17.3	0
10	16QAM	1	25	16.23	16.27	16.15	16.08		
10	16QAM	1	49	16.14	16.13	16.17	16.06		
10	16QAM	25	0	16.13	16.30	16.27	16.20	17.3	0
10	16QAM	25	12	16.08	16.18	16.32	16.11		
10	16QAM	25	25	16.30	16.29	16.31	16.13		
10	16QAM	50	0	16.16	16.16	16.25	16.27		
10	64QAM	1	0	16.29	16.13	16.17	16.32	17.3	0
10	64QAM	1	25	16.18	16.13	16.29	16.24		
10	64QAM	1	49	16.21	16.21	16.08	16.19		
10	64QAM	25	0	16.17	16.10	16.16	16.18	17.3	0
10	64QAM	25	12	16.26	16.28	16.19	16.23		
10	64QAM	25	25	16.21	16.23	16.15	16.27		
10	64QAM	50	0	16.10	16.24	16.17	16.14		
10	256QAM	1	0	16.15	16.12	16.19	16.25	17.3	0
10	256QAM	1	25	16.27	16.14	16.13	16.20		
10	256QAM	1	49	16.11	16.06	16.33	16.15		
10	256QAM	25	0	16.15	16.24	16.32	16.15	17.3	0
10	256QAM	25	12	16.11	16.27	16.27	16.19		
10	256QAM	25	25	16.27	16.13	16.32	16.10		
10	256QAM	50	0	16.32	16.13	16.24	16.15		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3643	3697.5		
5	QPSK	1	0	16.15	16.22	16.23	16.08	17.3	0
5	QPSK	1	12	16.19	16.23	16.23	16.03		
5	QPSK	1	24	16.19	16.24	16.21	16.26		
5	QPSK	12	0	16.16	16.33	16.15	16.25	17.3	0
5	QPSK	12	7	16.18	16.14	16.10	16.13		
5	QPSK	12	13	16.24	16.30	16.25	16.25		
5	QPSK	25	0	16.13	16.26	16.13	16.23		
5	16QAM	1	0	16.18	16.04	16.09	16.27	17.3	0
5	16QAM	1	12	16.24	16.30	16.15	16.19		
5	16QAM	1	24	16.17	16.16	16.09	16.12		
5	16QAM	12	0	16.17	16.21	16.31	16.29	17.3	0
5	16QAM	12	7	16.05	16.23	16.20	16.17		
5	16QAM	12	13	16.23	16.27	16.29	16.08		
5	16QAM	25	0	16.07	16.15	16.18	16.18		
5	64QAM	1	0	16.24	16.13	16.27	16.20	17.3	0
5	64QAM	1	12	16.18	16.18	16.19	16.11		
5	64QAM	1	24	16.20	16.11	16.10	16.12		
5	64QAM	12	0	16.26	16.03	16.17	16.09	17.3	0
5	64QAM	12	7	16.18	16.18	16.14	16.24		
5	64QAM	12	13	16.15	16.16	16.19	16.15		
5	64QAM	25	0	16.13	16.22	16.26	16.15		
5	256QAM	1	0	16.17	16.21	16.24	16.12	17.3	0
5	256QAM	1	12	16.17	16.24	16.15	16.33		
5	256QAM	1	24	16.21	16.14	16.27	16.16		
5	256QAM	12	0	16.12	16.14	16.21	16.10	17.3	0
5	256QAM	12	7	16.26	16.33	16.16	16.15		
5	256QAM	12	13	16.25	16.11	16.28	16.23		
5	256QAM	25	0	16.25	16.24	16.34	16.22		

Band 38

BW [MHz]	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	20.33	20.41	20.37	21.8	0
20	QPSK	1	49	20.29	20.34	20.26		
20	QPSK	1	99	20.33	20.31	20.28		
20	QPSK	50	0	20.25	20.40	20.30	21.8	0
20	QPSK	50	24	20.23	20.32	20.17		
20	QPSK	50	50	20.31	20.26	20.21		
20	QPSK	100	0	20.31	20.39	20.32		
20	16QAM	1	0	20.25	20.32	20.30	21.8	0
20	16QAM	1	49	20.20	20.28	20.19		
20	16QAM	1	99	20.28	20.22	20.20		
20	16QAM	50	0	20.29	20.36	20.33	21.8	0
20	16QAM	50	24	20.23	20.27	20.23		
20	16QAM	50	50	20.29	20.23	20.22		
20	16QAM	100	0	20.29	20.38	20.27		
20	64QAM	1	0	20.25	20.37	20.35	21.8	0
20	64QAM	1	49	20.27	20.26	20.20		
20	64QAM	1	99	20.30	20.22	20.25		
20	64QAM	50	0	19.83	19.86	19.86	21	0.8
20	64QAM	50	24	19.87	19.93	19.76		
20	64QAM	50	50	19.75	19.85	19.74		
20	64QAM	100	0	19.89	19.80	19.80		
20	256QAM	1	0	17.72	17.89	17.61	19	2.8
20	256QAM	1	49	17.73	17.74	17.85		
20	256QAM	1	99	17.92	17.74	17.80		
20	256QAM	50	0	17.76	17.92	17.64	19	2.8
20	256QAM	50	24	17.71	17.89	17.64		
20	256QAM	50	50	17.89	17.71	17.69		
20	256QAM	100	0	17.70	17.86	17.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.31	20.33	20.35	21.8	0
15	QPSK	1	37	20.21	20.27	20.23		
15	QPSK	1	74	20.27	20.22	20.20		
15	QPSK	36	0	20.17	20.34	20.26	21.8	0
15	QPSK	36	20	20.17	20.27	20.14		
15	QPSK	36	39	20.24	20.17	20.17		
15	QPSK	75	0	20.27	20.37	20.24		
15	16QAM	1	0	20.22	20.28	20.20	21.8	0
15	16QAM	1	37	20.15	20.23	20.15		
15	16QAM	1	74	20.23	20.16	20.17		
15	16QAM	36	0	20.21	20.31	20.27	21.8	0
15	16QAM	36	20	20.17	20.18	20.14		
15	16QAM	36	39	20.20	20.16	20.18		
15	16QAM	75	0	20.22	20.35	20.23		
15	64QAM	1	0	20.15	20.29	20.32	21.8	0
15	64QAM	1	37	20.20	20.19	20.14		
15	64QAM	1	74	20.22	20.19	20.21		
15	64QAM	36	0	19.74	19.76	19.76	21	0.8
15	64QAM	36	20	19.83	19.83	19.68		
15	64QAM	36	39	19.72	19.71	19.69		
15	64QAM	75	0	19.81	19.69	19.77		
15	256QAM	1	0	17.63	17.74	17.57	19	2.8
15	256QAM	1	37	17.56	17.64	17.80		
15	256QAM	1	74	17.82	17.62	17.65		
15	256QAM	36	0	17.66	17.87	17.62	19	2.8
15	256QAM	36	20	17.68	17.74	17.61		
15	256QAM	36	39	17.81	17.54	17.60		
15	256QAM	75	0	17.61	17.76	17.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.25	20.35	20.33	21.8	0
10	QPSK	1	25	20.22	20.30	20.17		
10	QPSK	1	49	20.30	20.28	20.23		
10	QPSK	25	0	20.23	20.35	20.23	21.8	0
10	QPSK	25	12	20.14	20.29	20.10		
10	QPSK	25	25	20.26	20.20	20.15		
10	QPSK	50	0	20.27	20.32	20.25		
10	16QAM	1	0	20.18	20.27	20.24	21.8	0
10	16QAM	1	25	20.16	20.20	20.16		
10	16QAM	1	49	20.21	20.14	20.11		
10	16QAM	25	0	20.22	20.30	20.30	21.8	0
10	16QAM	25	12	20.17	20.20	20.18		
10	16QAM	25	25	20.24	20.19	20.16		
10	16QAM	50	0	20.23	20.35	20.21		
10	64QAM	1	0	20.16	20.35	20.30	21.8	0
10	64QAM	1	25	20.20	20.17	20.17		
10	64QAM	1	49	20.22	20.12	20.17		
10	64QAM	25	0	19.68	19.84	19.84	21	0.8
10	64QAM	25	12	19.71	19.83	19.64		
10	64QAM	25	25	19.61	19.76	19.65		
10	64QAM	50	0	19.81	19.76	19.74		
10	256QAM	1	0	17.59	17.83	17.50	19	2.8
10	256QAM	1	25	17.59	17.70	17.73		
10	256QAM	1	49	17.86	17.67	17.67		
10	256QAM	25	0	17.61	17.89	17.56	19	2.8
10	256QAM	25	12	17.69	17.83	17.54		
10	256QAM	25	25	17.77	17.56	17.64		
10	256QAM	50	0	17.53	17.79	17.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.26	20.36	20.29	21.8	0
5	QPSK	1	12	20.20	20.26	20.20		
5	QPSK	1	24	20.30	20.25	20.20		
5	QPSK	12	0	20.17	20.33	20.25	21.8	0
5	QPSK	12	7	20.17	20.23	20.11		
5	QPSK	12	13	20.27	20.18	20.15		
5	QPSK	25	0	20.27	20.32	20.28		
5	16QAM	1	0	20.22	20.28	20.21	21.8	0
5	16QAM	1	12	20.14	20.26	20.11		
5	16QAM	1	24	20.22	20.19	20.15		
5	16QAM	12	0	20.25	20.33	20.30	21.8	0
5	16QAM	12	7	20.17	20.20	20.21		
5	16QAM	12	13	20.19	20.13	20.15		
5	16QAM	25	0	20.19	20.29	20.19		
5	64QAM	1	0	20.22	20.32	20.27	21.8	0
5	64QAM	1	12	20.25	20.19	20.18		
5	64QAM	1	24	20.27	20.19	20.15		
5	64QAM	12	0	19.71	19.76	19.74	21	0.8
5	64QAM	12	7	19.82	19.87	19.61		
5	64QAM	12	13	19.62	19.69	19.71		
5	64QAM	25	0	19.80	19.72	19.64		
5	256QAM	1	0	17.69	17.84	17.54	19	2.8
5	256QAM	1	12	17.65	17.59	17.71		
5	256QAM	1	24	17.79	17.61	17.76		
5	256QAM	12	0	17.60	17.89	17.49	19	2.8
5	256QAM	12	7	17.58	17.80	17.51		
5	256QAM	12	13	17.77	17.57	17.64		
5	256QAM	25	0	17.64	17.71	17.56		

Band 41

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	20.36	20.39	20.48	20.41	20.31	21.8	0
20	QPSK	1	49	20.24	20.32	20.43	20.28	20.17		
20	QPSK	1	99	20.20	20.39	20.35	20.33	20.07		
20	QPSK	50	0	20.27	20.33	20.45	20.34	20.26	21.8	0
20	QPSK	50	24	20.21	20.26	20.40	20.21	20.10		
20	QPSK	50	50	20.12	20.34	20.32	20.26	20.02		
20	QPSK	100	0	20.46	20.41	20.47	20.36	20.15		
20	16QAM	1	0	20.42	20.40	20.41	20.32	20.31	21.8	0
20	16QAM	1	49	20.36	20.29	20.40	20.41	20.37		
20	16QAM	1	99	20.43	20.35	20.40	20.37	20.24		
20	16QAM	50	0	19.24	19.34	19.50	19.50	19.21	21	0.8
20	16QAM	50	24	19.32	19.47	19.34	19.58	19.35		
20	16QAM	50	50	19.39	19.28	19.33	19.40	19.34		
20	16QAM	100	0	19.28	19.44	19.34	19.44	19.39		
20	64QAM	1	0	19.41	19.54	19.62	19.45	19.22	21	0.8
20	64QAM	1	49	19.40	19.56	19.61	19.39	19.15		
20	64QAM	1	99	19.43	19.43	19.50	19.51	19.31		
20	64QAM	50	0	18.39	18.38	18.58	18.44	18.39	20	1.8
20	64QAM	50	24	18.30	18.51	18.62	18.58	18.30		
20	64QAM	50	50	18.24	18.35	18.40	18.53	18.23		
20	64QAM	100	0	18.25	18.54	18.51	18.48	18.28		
20	256QAM	1	0	16.36	16.42	16.44	16.30	16.14	18	3.8
20	256QAM	1	49	16.50	16.50	16.42	16.43	16.24		
20	256QAM	1	99	16.40	16.41	16.59	16.53	16.22		
20	256QAM	50	0	16.41	16.40	16.54	16.55	16.18	18	3.8
20	256QAM	50	24	16.24	16.37	16.52	16.38	16.16		
20	256QAM	50	50	16.22	16.40	16.35	16.48	16.17		
20	256QAM	100	0	16.24	16.53	16.59	16.31	16.23		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.32	20.29	20.41	20.32	20.26	22	0
15	QPSK	1	37	20.19	20.26	20.38	20.20	20.13		
15	QPSK	1	74	20.11	20.32	20.29	20.28	19.98		
15	QPSK	36	0	20.24	20.30	20.39	20.24	20.16	21.8	0
15	QPSK	36	20	20.17	20.19	20.32	20.15	20.05		
15	QPSK	36	39	20.04	20.29	20.29	20.19	19.92		
15	QPSK	75	0	20.34	20.28	20.36	20.33	20.05		
15	16QAM	1	0	20.39	20.40	20.41	20.25	20.27	21.8	0
15	16QAM	1	37	20.32	20.18	20.33	20.28	20.32		
15	16QAM	1	74	20.39	20.30	20.36	20.30	20.14		
15	16QAM	36	0	19.20	19.22	19.47	19.45	19.04	21	0.8
15	16QAM	36	20	19.17	19.35	19.30	19.49	19.20		
15	16QAM	36	39	19.27	19.15	19.25	19.27	19.17		
15	16QAM	75	0	19.26	19.33	19.29	19.27	19.23		
15	64QAM	1	0	19.23	19.33	19.55	19.33	19.36	21	0.8
15	64QAM	1	37	19.38	19.37	19.44	19.57	19.26		
15	64QAM	1	74	19.29	19.39	19.35	19.41	19.28		
15	64QAM	36	0	18.29	18.34	18.50	18.42	18.32	20	1.8
15	64QAM	36	20	18.19	18.35	18.52	18.42	18.23		
15	64QAM	36	39	18.12	18.32	18.36	18.49	18.17		
15	64QAM	75	0	18.10	18.46	18.38	18.42	18.20		
15	256QAM	1	0	16.33	16.30	16.36	16.18	16.11	18	3.8
15	256QAM	1	37	16.37	16.41	16.32	16.38	16.18		
15	256QAM	1	74	16.26	16.38	16.50	16.40	16.16		
15	256QAM	36	0	16.38	16.31	16.42	16.38	16.06	18	3.8
15	256QAM	36	20	16.15	16.26	16.43	16.35	16.05		
15	256QAM	36	39	16.06	16.30	16.27	16.30	16.12		
15	256QAM	75	0	16.20	16.36	16.53	16.17	16.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.33	20.30	20.46	20.35	20.24	22	0
10	QPSK	1	25	20.16	20.23	20.38	20.22	20.15		
10	QPSK	1	49	20.15	20.37	20.31	20.25	20.00		
10	QPSK	25	0	20.24	20.28	20.42	20.25	20.21	21.8	0
10	QPSK	25	12	20.15	20.20	20.35	20.13	20.05		
10	QPSK	25	25	20.04	20.25	20.30	20.21	19.94		
10	QPSK	50	0	20.39	20.37	20.43	20.24	20.12		
10	16QAM	1	0	20.40	20.40	20.47	20.19	20.20	21.8	0
10	16QAM	1	25	20.31	20.26	20.23	20.26	20.24		
10	16QAM	1	49	20.40	20.29	20.24	20.25	20.09		
10	16QAM	25	0	19.07	19.20	19.38	19.48	19.05	21	0.8
10	16QAM	25	12	19.19	19.37	19.18	19.53	19.31		
10	16QAM	25	25	19.30	19.11	19.27	19.31	19.32		
10	16QAM	50	0	19.17	19.38	19.27	19.28	19.32		
10	64QAM	1	0	19.34	19.53	19.41	19.31	19.35	21	0.8
10	64QAM	1	25	19.42	19.50	19.33	19.33	19.23		
10	64QAM	1	49	19.29	19.48	19.53	19.57	19.29		
10	64QAM	25	0	18.37	18.32	18.50	18.36	18.24	20	1.8
10	64QAM	25	12	18.12	18.46	18.50	18.42	18.27		
10	64QAM	25	25	18.19	18.25	18.31	18.46	18.08		
10	64QAM	50	0	18.16	18.42	18.46	18.43	18.15		
10	256QAM	1	0	16.30	16.34	16.41	16.17	16.09	18	3.8
10	256QAM	1	25	16.45	16.37	16.36	16.28	16.10		
10	256QAM	1	49	16.23	16.37	16.54	16.43	16.05		
10	256QAM	25	0	16.30	16.24	16.36	16.47	16.05	18	3.8
10	256QAM	25	12	16.07	16.32	16.39	16.31	16.03		
10	256QAM	25	25	16.19	16.36	16.18	16.33	16.09		
10	256QAM	50	0	16.08	16.42	16.41	16.15	16.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.26	20.36	20.41	20.37	20.23	22	0
5	QPSK	1	12	20.20	20.30	20.39	20.26	20.15		
5	QPSK	1	24	20.13	20.35	20.29	20.29	20.04		
5	QPSK	12	0	20.19	20.23	20.42	20.29	20.20	21.8	0
5	QPSK	12	7	20.13	20.19	20.37	20.14	20.00		
5	QPSK	12	13	20.07	20.26	20.23	20.22	19.96		
5	QPSK	25	0	20.35	20.31	20.39	20.29	20.01		
5	16QAM	1	0	20.34	20.40	20.39	20.16	20.24	21.8	0
5	16QAM	1	12	20.21	20.21	20.26	20.34	20.28		
5	16QAM	1	24	20.30	20.18	20.37	20.26	20.15		
5	16QAM	12	0	19.09	19.18	19.46	19.34	19.09	21	0.8
5	16QAM	12	7	19.17	19.29	19.21	19.40	19.22		
5	16QAM	12	13	19.26	19.11	19.22	19.31	19.19		
5	16QAM	25	0	19.13	19.36	19.31	19.37	19.34		
5	64QAM	1	0	19.48	19.49	19.52	19.45	19.24	21	0.8
5	64QAM	1	12	19.46	19.49	19.38	19.50	19.28		
5	64QAM	1	24	19.34	19.31	19.34	19.43	19.20		
5	64QAM	12	0	18.30	18.27	18.46	18.37	18.30	20	1.8
5	64QAM	12	7	18.19	18.40	18.51	18.56	18.27		
5	64QAM	12	13	18.12	18.21	18.36	18.43	18.09		
5	64QAM	25	0	18.10	18.44	18.47	18.43	18.16		
5	256QAM	1	0	16.19	16.35	16.30	16.16	16.08	18	3.8
5	256QAM	1	12	16.43	16.41	16.26	16.35	16.09		
5	256QAM	1	24	16.34	16.32	16.45	16.47	16.07		
5	256QAM	12	0	16.34	16.23	16.40	16.42	16.09	18	3.8
5	256QAM	12	7	16.12	16.22	16.46	16.29	16.09		
5	256QAM	12	13	16.16	16.26	16.23	16.46	16.14		
5	256QAM	25	0	16.09	16.49	16.42	16.17	16.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.81	21.79	21.94	21.81	21.76	23.4	0
20	QPSK	1	49	21.65	21.75	21.84	21.63	21.58		
20	QPSK	1	99	21.58	21.82	21.73	21.69	21.49		
20	QPSK	50	0	21.60	21.72	21.89	21.74	21.64	23.4	0
20	QPSK	50	24	21.55	21.68	21.82	21.62	21.46		
20	QPSK	50	50	21.53	21.75	21.74	21.62	21.45		
20	QPSK	100	0	21.81	21.80	21.88	21.74	21.51		
20	16QAM	1	0	21.72	21.73	21.86	21.76	21.72	23.4	0
20	16QAM	1	49	21.61	21.71	21.82	21.54	21.53		
20	16QAM	1	99	21.56	21.75	21.67	21.60	21.44		
20	16QAM	50	0	21.54	21.67	21.80	21.65	21.60	23.4	0
20	16QAM	50	24	21.50	21.64	21.76	21.53	21.43		
20	16QAM	50	50	21.43	21.69	21.66	21.55	21.45		
20	16QAM	100	0	21.74	21.75	21.78	21.67	21.42		
20	64QAM	1	0	21.78	21.74	21.84	21.72	21.74	23.4	0
20	64QAM	1	49	21.59	21.68	21.74	21.57	21.54		
20	64QAM	1	99	21.49	21.77	21.65	21.66	21.42		
20	64QAM	50	0	21.37	21.43	21.75	21.48	21.47	22.8	0.6
20	64QAM	50	24	21.53	21.55	21.65	21.42	21.38		
20	64QAM	50	50	21.53	21.65	21.73	21.64	21.42		
20	64QAM	100	0	21.49	21.55	21.49	21.45	21.33		
20	256QAM	1	0	19.42	19.55	19.59	19.65	19.26	20.8	2.6
20	256QAM	1	49	19.33	19.62	19.60	19.37	19.45		
20	256QAM	1	99	19.48	19.66	19.69	19.59	19.46		
20	256QAM	50	0	19.44	19.48	19.53	19.55	19.22	20.8	2.6
20	256QAM	50	24	19.44	19.64	19.47	19.38	19.19		
20	256QAM	50	50	19.59	19.55	19.69	19.63	19.44		
20	256QAM	100	0	19.60	19.64	19.73	19.54	19.25		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.72	21.75	21.86	21.78	21.69	23	0
15	QPSK	1	37	21.61	21.68	21.76	21.58	21.51		
15	QPSK	1	74	21.53	21.74	21.66	21.65	21.40		
15	QPSK	36	0	21.53	21.67	21.80	21.65	21.59	23.4	0
15	QPSK	36	20	21.47	21.58	21.79	21.58	21.41		
15	QPSK	36	39	21.44	21.71	21.72	21.55	21.45		
15	QPSK	75	0	21.73	21.78	21.85	21.67	21.47		
15	16QAM	1	0	21.66	21.66	21.76	21.69	21.62	23.4	0
15	16QAM	1	37	21.51	21.64	21.79	21.49	21.50		
15	16QAM	1	74	21.51	21.67	21.57	21.57	21.45		
15	16QAM	36	0	21.51	21.64	21.71	21.61	21.52	23.4	0
15	16QAM	36	20	21.44	21.56	21.72	21.50	21.40		
15	16QAM	36	39	21.45	21.65	21.57	21.51	21.45		
15	16QAM	75	0	21.64	21.66	21.76	21.61	21.45		
15	64QAM	1	0	21.74	21.71	21.74	21.67	21.70	23.4	0
15	64QAM	1	37	21.53	21.59	21.72	21.53	21.45		
15	64QAM	1	74	21.42	21.71	21.61	21.64	21.45		
15	64QAM	36	0	21.27	21.37	21.64	21.32	21.39	22.8	0.6
15	64QAM	36	20	21.48	21.51	21.48	21.38	21.32		
15	64QAM	36	39	21.44	21.58	21.62	21.52	21.28		
15	64QAM	75	0	21.37	21.50	21.31	21.29	21.17		
15	256QAM	1	0	19.36	19.38	19.56	19.49	19.14	20.8	2.6
15	256QAM	1	37	19.25	19.50	19.49	19.22	19.40		
15	256QAM	1	74	19.46	19.52	19.58	19.52	19.37		
15	256QAM	36	0	19.33	19.42	19.43	19.50	19.20	20.8	2.6
15	256QAM	36	20	19.38	19.47	19.41	19.28	19.15		
15	256QAM	36	39	19.46	19.51	19.55	19.55	19.28		
15	256QAM	75	0	19.56	19.50	19.63	19.52	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.73	21.73	21.85	21.75	21.68	23	0
10	QPSK	1	25	21.61	21.67	21.74	21.54	21.54		
10	QPSK	1	49	21.53	21.75	21.64	21.63	21.40		
10	QPSK	25	0	21.53	21.68	21.85	21.69	21.58	23.4	0
10	QPSK	25	12	21.46	21.63	21.72	21.55	21.44		
10	QPSK	25	25	21.47	21.72	21.68	21.56	21.52		
10	QPSK	50	0	21.75	21.72	21.86	21.70	21.44		
10	16QAM	1	0	21.64	21.69	21.83	21.70	21.63	23.4	0
10	16QAM	1	25	21.56	21.65	21.78	21.47	21.47		
10	16QAM	1	49	21.48	21.72	21.63	21.50	21.45		
10	16QAM	25	0	21.46	21.63	21.72	21.57	21.56	23.4	0
10	16QAM	25	12	21.47	21.57	21.74	21.49	21.45		
10	16QAM	25	25	21.52	21.63	21.63	21.52	21.52		
10	16QAM	50	0	21.65	21.72	21.72	21.65	21.45		
10	64QAM	1	0	21.70	21.67	21.76	21.65	21.72	23.4	0
10	64QAM	1	25	21.51	21.60	21.64	21.47	21.44		
10	64QAM	1	49	21.43	21.70	21.62	21.61	21.52		
10	64QAM	25	0	21.24	21.27	21.69	21.41	21.40	22.8	0.6
10	64QAM	25	12	21.48	21.37	21.56	21.33	21.28		
10	64QAM	25	25	21.41	21.61	21.57	21.49	21.36		
10	64QAM	50	0	21.39	21.39	21.42	21.32	21.15		
10	256QAM	1	0	19.38	19.51	19.55	19.52	19.08	20.8	2.6
10	256QAM	1	25	19.15	19.51	19.51	19.28	19.41		
10	256QAM	1	49	19.44	19.51	19.58	19.57	19.30		
10	256QAM	25	0	19.57	19.68	19.74	19.38	19.42	20.8	2.6
10	256QAM	25	12	19.55	19.53	19.76	19.66	19.26		
10	256QAM	25	25	19.56	19.60	19.72	19.40	19.34		
10	256QAM	50	0	19.58	19.62	19.59	19.51	19.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.73	21.75	21.84	21.73	21.72	23	0
5	QPSK	1	12	21.56	21.66	21.77	21.58	21.55		
5	QPSK	1	24	21.50	21.76	21.64	21.65	21.45		
5	QPSK	12	0	21.57	21.63	21.86	21.70	21.58	23.4	0
5	QPSK	12	7	21.48	21.63	21.72	21.59	21.40		
5	QPSK	12	13	21.44	21.69	21.65	21.56	21.45		
5	QPSK	25	0	21.78	21.70	21.86	21.68	21.47		
5	16QAM	1	0	21.67	21.67	21.80	21.69	21.63	23.4	0
5	16QAM	1	12	21.53	21.68	21.78	21.50	21.48		
5	16QAM	1	24	21.47	21.66	21.60	21.50	21.40		
5	16QAM	12	0	21.51	21.61	21.72	21.57	21.52	23.4	0
5	16QAM	12	7	21.47	21.60	21.73	21.44	21.41		
5	16QAM	12	13	21.45	21.60	21.64	21.48	21.45		
5	16QAM	25	0	21.69	21.65	21.73	21.58	21.45		
5	64QAM	1	0	21.74	21.67	21.75	21.70	21.71	23.4	0
5	64QAM	1	12	21.55	21.61	21.72	21.50	21.45		
5	64QAM	1	24	21.44	21.69	21.62	21.61	21.45		
5	64QAM	12	0	21.34	21.39	21.72	21.34	21.30	22.8	0.6
5	64QAM	12	7	21.39	21.49	21.62	21.31	21.34		
5	64QAM	12	13	21.48	21.52	21.67	21.60	21.28		
5	64QAM	25	0	21.44	21.44	21.44	21.29	21.28		
5	256QAM	1	0	19.25	19.38	19.55	19.62	19.22	20.8	2.6
5	256QAM	1	12	19.20	19.52	19.43	19.29	19.36		
5	256QAM	1	24	19.44	19.56	19.62	19.48	19.44		
5	256QAM	12	0	19.42	19.30	19.46	19.39	19.19	20.8	2.6
5	256QAM	12	7	19.35	19.61	19.44	19.26	19.14		
5	256QAM	12	13	19.53	19.52	19.64	19.54	19.36		
5	256QAM	25	0	19.55	19.56	19.59	19.42	19.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3480	3800	3540		
20	QPSK	1	0	18.37	18.42	18.41	19.1	0
20	QPSK	1	49	18.20	18.19	18.31		
20	QPSK	1	99	18.32	18.19	18.37		
20	QPSK	50	0	18.32	18.33	18.32	19.1	0
20	QPSK	50	24	18.16	18.13	18.24		
20	QPSK	50	50	18.27	18.16	18.30		
20	QPSK	100	0	18.25	18.32	18.29		
20	16QAM	1	0	18.15	18.16	18.22	19.1	0
20	16QAM	1	49	18.26	18.17	18.33		
20	16QAM	1	99	18.33	18.30	18.37		
20	16QAM	50	0	18.11	18.15	18.20	19.1	0
20	16QAM	50	24	18.25	18.13	18.30		
20	16QAM	50	50	18.35	18.31	18.37		
20	16QAM	100	0	18.11	18.17	18.26		
20	64QAM	1	0	18.19	18.14	18.31	19.1	0
20	64QAM	1	49	18.29	18.36	18.27		
20	64QAM	1	99	18.08	18.10	18.17		
20	64QAM	50	0	18.20	18.14	18.27	19.1	0
20	64QAM	50	24	18.30	18.34	18.29		
20	64QAM	50	50	18.12	18.16	18.29		
20	64QAM	100	0	18.26	18.05	18.24		
20	256QAM	1	0	17.24	17.49	17.28	18.5	0.6
20	256QAM	1	49	17.42	17.44	17.35		
20	256QAM	1	99	17.37	17.33	17.44		
20	256QAM	50	0	17.32	17.43	17.44	18.5	0.6
20	256QAM	50	24	17.26	17.39	17.27		
20	256QAM	50	50	17.41	17.33	17.40		
20	256QAM	100	0	17.30	17.40	17.46		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3800	3542.5		
15	QPSK	1	0	18.31	18.29	18.31	19.1	0
15	QPSK	1	37	18.16	18.11	18.25		
15	QPSK	1	74	18.25	18.15	18.26		
15	QPSK	36	0	18.27	18.20	18.27	19.1	0
15	QPSK	36	20	18.07	18.03	18.12		
15	QPSK	36	39	18.22	18.11	18.22		
15	QPSK	75	0	18.18	18.19	18.23		
15	16QAM	1	0	18.10	18.08	18.15	19.1	0
15	16QAM	1	37	18.18	18.10	18.25		
15	16QAM	1	74	18.24	18.20	18.28		
15	16QAM	36	0	18.02	18.07	18.10	19.1	0
15	16QAM	36	20	18.21	18.09	18.28		
15	16QAM	36	39	18.26	18.22	18.26		
15	16QAM	75	0	18.06	18.08	18.16		
15	64QAM	1	0	18.11	18.09	18.26	19.1	0
15	64QAM	1	37	18.23	18.22	18.24		
15	64QAM	1	74	18.03	18.00	18.04		
15	64QAM	36	0	18.09	18.01	18.21	19.1	0
15	64QAM	36	20	18.26	18.27	18.24		
15	64QAM	36	39	18.03	18.10	18.19		
15	64QAM	75	0	18.16	17.97	18.21		
15	256QAM	1	0	17.10	17.37	17.16	18.5	0.6
15	256QAM	1	37	17.29	17.41	17.22		
15	256QAM	1	74	17.29	17.27	17.28		
15	256QAM	36	0	17.18	17.40	17.41	18.5	0.6
15	256QAM	36	20	17.09	17.23	17.19		
15	256QAM	36	39	17.32	17.24	17.32		
15	256QAM	75	0	17.14	17.28	17.43		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3800	3545		
10	QPSK	1	0	18.33	18.38	18.34	19.1	0
10	QPSK	1	25	18.07	18.16	18.25		
10	QPSK	1	49	18.20	18.09	18.32		
10	QPSK	25	0	18.23	18.26	18.30	19.1	0
10	QPSK	25	12	18.07	18.05	18.16		
10	QPSK	25	25	18.20	18.02	18.24		
10	QPSK	50	0	18.12	18.30	18.21		
10	16QAM	1	0	18.04	18.10	18.13	19.1	0
10	16QAM	1	25	18.15	18.07	18.19		
10	16QAM	1	49	18.28	18.19	18.26		
10	16QAM	25	0	18.08	18.02	18.06	19.1	0
10	16QAM	25	12	18.18	18.10	18.25		
10	16QAM	25	25	18.23	18.20	18.24		
10	16QAM	50	0	17.98	18.07	18.22		
10	64QAM	1	0	18.06	18.08	18.21	19.1	0
10	64QAM	1	25	18.23	18.22	18.22		
10	64QAM	1	49	18.05	18.04	18.12		
10	64QAM	25	0	18.12	18.07	18.17	19.1	0
10	64QAM	25	12	18.23	18.26	18.22		
10	64QAM	25	25	18.01	18.03	18.22		
10	64QAM	50	0	18.12	18.00	18.11		
10	256QAM	1	0	17.21	17.44	17.25	18.5	0.6
10	256QAM	1	25	17.34	17.38	17.17		
10	256QAM	1	49	17.24	17.19	17.34		
10	256QAM	25	0	17.27	17.33	17.26	18.5	0.6
10	256QAM	25	12	17.12	17.30	17.14		
10	256QAM	25	25	17.25	17.21	17.32		
10	256QAM	50	0	17.16	17.37	17.44		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3800	3547.5		
5	QPSK	1	0	18.35	18.32	18.36	19.1	0
5	QPSK	1	12	18.11	18.16	18.21		
5	QPSK	1	24	18.25	18.07	18.27		
5	QPSK	12	0	18.19	18.30	18.25	19.1	0
5	QPSK	12	7	18.11	18.00	18.21		
5	QPSK	12	13	18.14	18.08	18.25		
5	QPSK	25	0	18.21	18.28	18.17		
5	16QAM	1	0	18.11	18.09	18.09	19.1	0
5	16QAM	1	12	18.24	18.06	18.29		
5	16QAM	1	24	18.31	18.26	18.34		
5	16QAM	12	0	17.99	18.06	18.13	19.1	0
5	16QAM	12	7	18.18	17.99	18.27		
5	16QAM	12	13	18.31	18.27	18.32		
5	16QAM	25	0	18.09	18.06	18.13		
5	64QAM	1	0	18.14	18.07	18.25	19.1	0
5	64QAM	1	12	18.18	18.31	18.15		
5	64QAM	1	24	18.05	18.02	18.13		
5	64QAM	12	0	18.09	18.12	18.16	19.1	0
5	64QAM	12	7	18.17	18.25	18.24		
5	64QAM	12	13	18.07	18.08	18.20		
5	64QAM	25	0	18.21	18.03	18.22		
5	256QAM	1	0	17.22	17.38	17.11	18.5	0.6
5	256QAM	1	12	17.35	17.37	17.21		
5	256QAM	1	24	17.24	17.27	17.33		
5	256QAM	12	0	17.28	17.29	17.27	18.5	0.6
5	256QAM	12	7	17.13	17.31	17.22		
5	256QAM	12	13	17.34	17.15	17.31		
5	256QAM	25	0	17.19	17.25	17.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.27	17.39	17.37	17.34	18.6	0
20	QPSK	1	49	17.09	17.23	17.25	17.34		
20	QPSK	1	99	17.12	17.23	17.21	17.16		
20	QPSK	50	0	17.23	17.32	17.28	17.27	18.6	0
20	QPSK	50	24	17.16	17.10	17.16	17.19		
20	QPSK	50	50	17.20	17.20	17.28	17.24		
20	QPSK	100	0	17.14	17.28	17.21	17.22		
20	16QAM	1	0	17.18	17.14	17.29	17.38	18.6	0
20	16QAM	1	49	17.13	17.22	17.13	17.24		
20	16QAM	1	99	17.18	17.19	17.28	17.28		
20	16QAM	50	0	17.24	17.30	17.31	17.25	18.6	0
20	16QAM	50	24	17.03	17.18	17.17	17.24		
20	16QAM	50	50	17.08	17.16	17.12	17.13		
20	16QAM	100	0	17.15	17.29	17.26	17.22		
20	64QAM	1	0	17.14	17.01	17.12	17.14	18.6	0
20	64QAM	1	49	17.14	17.16	17.18	17.20		
20	64QAM	1	99	17.06	17.19	17.18	17.16		
20	64QAM	50	0	17.20	17.32	17.29	17.27	18.6	0
20	64QAM	50	24	17.22	17.29	17.34	17.30		
20	64QAM	50	50	17.00	17.20	17.21	17.26		
20	64QAM	100	0	17.06	17.16	17.14	17.13		
20	256QAM	1	0	17.15	17.25	17.23	17.18	18.6	0
20	256QAM	1	49	17.08	17.03	17.09	17.11		
20	256QAM	1	99	17.13	17.17	17.20	17.20		
20	256QAM	50	0	17.05	17.24	17.19	17.16	18.6	0
20	256QAM	50	24	17.08	17.05	17.22	17.30		
20	256QAM	50	50	17.10	17.15	17.04	17.15		
20	256QAM	100	0	17.12	17.10	17.23	17.25		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.23	17.35	17.29	17.30	18.6	0
15	QPSK	1	37	17.07	17.18	17.16	17.30		
15	QPSK	1	74	17.03	17.14	17.15	17.07		
15	QPSK	36	0	17.16	17.22	17.22	17.19	18.6	0
15	QPSK	36	20	17.08	17.01	17.14	17.16		
15	QPSK	36	39	17.16	17.11	17.21	17.17		
15	QPSK	75	0	17.11	17.19	17.15	17.19		
15	16QAM	1	0	17.15	17.11	17.23	17.33	18.6	0
15	16QAM	1	37	17.08	17.16	17.09	17.15		
15	16QAM	1	74	17.12	17.09	17.19	17.22		
15	16QAM	36	0	17.16	17.25	17.23	17.16	18.6	0
15	16QAM	36	20	16.94	17.13	17.13	17.19		
15	16QAM	36	39	17.03	17.12	17.05	17.08		
15	16QAM	75	0	17.07	17.25	17.16	17.14		
15	64QAM	1	0	17.04	16.93	17.02	17.04	18.6	0
15	64QAM	1	37	17.06	17.12	17.12	17.16		
15	64QAM	1	74	17.03	17.15	17.13	17.13		
15	64QAM	36	0	17.17	17.27	17.22	17.20	18.6	0
15	64QAM	36	20	17.20	17.26	17.31	17.22		
15	64QAM	36	39	16.91	17.15	17.16	17.23		
15	64QAM	75	0	17.03	17.08	17.10	17.06		
15	256QAM	1	0	17.05	17.19	17.19	17.15	18.6	0
15	256QAM	1	37	17.05	17.01	17.01	17.01		
15	256QAM	1	74	17.09	17.13	17.17	17.12		
15	256QAM	36	0	16.98	17.20	17.10	17.07	18.6	0
15	256QAM	36	20	17.04	17.00	17.14	17.21		
15	256QAM	36	39	17.00	17.13	16.95	17.11		
15	256QAM	75	0	17.03	17.05	17.19	17.21		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.21	17.32	17.28	17.29	18.6	0
10	QPSK	1	25	17.04	17.16	17.19	17.28		
10	QPSK	1	49	17.03	17.15	17.13	17.06		
10	QPSK	25	0	17.19	17.23	17.22	17.19	18.6	0
10	QPSK	25	12	17.13	17.04	17.12	17.09		
10	QPSK	25	25	17.15	17.13	17.24	17.16		
10	QPSK	50	0	17.12	17.24	17.19	17.13		
10	16QAM	1	0	17.14	17.07	17.21	17.35	18.6	0
10	16QAM	1	25	17.11	17.13	17.03	17.20		
10	16QAM	1	49	17.13	17.13	17.19	17.20		
10	16QAM	25	0	17.17	17.26	17.22	17.18	18.6	0
10	16QAM	25	12	16.99	17.11	17.14	17.20		
10	16QAM	25	25	17.05	17.13	17.05	17.04		
10	16QAM	50	0	17.08	17.23	17.20	17.17		
10	64QAM	1	0	17.11	16.93	17.07	17.05	18.6	0
10	64QAM	1	25	17.09	17.13	17.10	17.14		
10	64QAM	1	49	17.00	17.10	17.14	17.08		
10	64QAM	25	0	17.17	17.23	17.22	17.25	18.6	0
10	64QAM	25	12	17.15	17.19	17.25	17.26		
10	64QAM	25	25	16.95	17.11	17.13	17.20		
10	64QAM	50	0	17.02	17.10	17.09	17.07		
10	256QAM	1	0	17.09	17.21	17.16	17.14	18.6	0
10	256QAM	1	25	16.99	16.99	17.06	17.09		
10	256QAM	1	49	17.09	17.14	17.18	17.12		
10	256QAM	25	0	16.97	17.21	17.14	17.13	18.6	0
10	256QAM	25	12	16.99	17.03	17.17	17.24		
10	256QAM	25	25	17.06	17.07	16.95	17.08		
10	256QAM	50	0	17.04	17.02	17.19	17.20		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.23	17.31	17.30	17.29	18.6	0
5	QPSK	1	12	17.06	17.18	17.15	17.25		
5	QPSK	1	24	17.09	17.18	17.11	17.06		
5	QPSK	12	0	17.21	17.23	17.24	17.23	18.6	0
5	QPSK	12	7	17.09	17.06	17.13	17.16		
5	QPSK	12	13	17.16	17.18	17.24	17.19		
5	QPSK	25	0	17.10	17.22	17.18	17.13		
5	16QAM	1	0	17.09	17.10	17.27	17.30	18.6	0
5	16QAM	1	12	17.05	17.13	17.06	17.22		
5	16QAM	1	24	17.12	17.13	17.23	17.19		
5	16QAM	12	0	17.16	17.26	17.23	17.18	18.6	0
5	16QAM	12	7	16.99	17.12	17.13	17.21		
5	16QAM	12	13	17.04	17.13	17.08	17.07		
5	16QAM	25	0	17.10	17.19	17.16	17.17	18.6	0
5	64QAM	1	0	17.10	16.95	17.10	17.05		
5	64QAM	1	12	17.04	17.11	17.13	17.11		
5	64QAM	1	24	17.00	17.11	17.11	17.12		
5	64QAM	12	0	17.15	17.27	17.21	17.23	18.6	0
5	64QAM	12	7	17.14	17.20	17.31	17.24		
5	64QAM	12	13	16.97	17.13	17.11	17.24		
5	64QAM	25	0	16.97	17.12	17.08	17.03		
5	256QAM	1	0	17.13	17.19	17.16	17.13	18.6	0
5	256QAM	1	12	17.02	17.00	17.01	17.04		
5	256QAM	1	24	17.11	17.08	17.17	17.14		
5	256QAM	12	0	17.02	17.18	17.16	17.06	18.6	0
5	256QAM	12	7	17.01	16.98	17.14	17.28		
5	256QAM	12	13	17.06	17.10	16.96	17.10		
5	256QAM	25	0	17.04	17.06	17.14	17.20		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3480	3500	3540		
20	QPSK	1	0	16.82	16.88	16.85	18.2	0
20	QPSK	1	49	16.48	16.77	16.68		
20	QPSK	1	99	16.49	16.78	16.77		
20	QPSK	50	0	16.77	16.86	16.78	18.2	0
20	QPSK	50	24	16.45	16.68	16.60		
20	QPSK	50	50	16.44	16.70	16.71		
20	QPSK	100	0	16.73	16.85	16.81		
20	16QAM	1	0	16.46	16.74	16.66	18.2	0
20	16QAM	1	49	16.47	16.71	16.67		
20	16QAM	1	99	16.55	16.85	16.77		
20	16QAM	50	0	16.42	16.71	16.59	18.2	0
20	16QAM	50	24	16.41	16.74	16.73		
20	16QAM	50	50	16.59	16.86	16.75		
20	16QAM	100	0	16.41	16.74	16.61		
20	64QAM	1	0	16.43	16.71	16.72	18.2	0
20	64QAM	1	49	16.59	16.85	16.77		
20	64QAM	1	99	16.42	16.74	16.62		
20	64QAM	50	0	16.42	16.72	16.68	18.2	0
20	64QAM	50	24	16.59	16.80	16.76		
20	64QAM	50	50	16.43	16.68	16.61		
20	64QAM	100	0	16.45	16.69	16.69		
20	256QAM	1	0	16.59	16.82	16.65	18	0.2
20	256QAM	1	49	16.48	16.75	16.73		
20	256QAM	1	99	16.64	16.71	16.75		
20	256QAM	50	0	16.48	16.86	16.79	18	0.2
20	256QAM	50	24	16.64	16.67	16.70		
20	256QAM	50	50	16.51	16.75	16.71		
20	256QAM	100	0	16.58	16.71	16.70		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.58	16.86	16.82	18.2	0
15	QPSK	1	37	16.39	16.74	16.61		
15	QPSK	1	74	16.40	16.72	16.68		
15	QPSK	36	0	16.51	16.83	16.73	18.2	0
15	QPSK	36	20	16.40	16.65	16.54		
15	QPSK	36	39	16.42	16.60	16.61		
15	QPSK	75	0	16.47	16.82	16.73		
15	16QAM	1	0	16.40	16.66	16.59	18.2	0
15	16QAM	1	37	16.42	16.62	16.59		
15	16QAM	1	74	16.48	16.82	16.67		
15	16QAM	36	0	16.34	16.64	16.57	18.2	0
15	16QAM	36	20	16.37	16.68	16.66		
15	16QAM	36	39	16.57	16.83	16.69		
15	16QAM	75	0	16.32	16.68	16.57		
15	64QAM	1	0	16.36	16.66	16.63	18.2	0
15	64QAM	1	37	16.55	16.80	16.71		
15	64QAM	1	74	16.32	16.69	16.56		
15	64QAM	36	0	16.38	16.62	16.63	18.2	0
15	64QAM	36	20	16.51	16.70	16.71		
15	64QAM	36	39	16.34	16.65	16.56		
15	64QAM	75	0	16.38	16.60	16.59		
15	256QAM	1	0	16.46	16.73	16.62	18	0.2
15	256QAM	1	37	16.31	16.59	16.61		
15	256QAM	1	74	16.52	16.62	16.57		
15	256QAM	36	0	16.46	16.75	16.76	18	0.2
15	256QAM	36	20	16.49	16.58	16.56		
15	256QAM	36	39	16.48	16.57	16.56		
15	256QAM	75	0	16.44	16.55	16.53		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.58	16.79	16.76	18.2	0
10	QPSK	1	25	16.38	16.71	16.63		
10	QPSK	1	49	16.47	16.72	16.68		
10	QPSK	25	0	16.51	16.76	16.70	18.2	0
10	QPSK	25	12	16.41	16.66	16.51		
10	QPSK	25	25	16.37	16.67	16.62		
10	QPSK	50	0	16.48	16.81	16.79		
10	16QAM	1	0	16.36	16.64	16.63	18.2	0
10	16QAM	1	25	16.42	16.68	16.60		
10	16QAM	1	49	16.51	16.78	16.67		
10	16QAM	25	0	16.37	16.65	16.52	18.2	0
10	16QAM	25	12	16.37	16.68	16.70		
10	16QAM	25	25	16.52	16.84	16.67		
10	16QAM	50	0	16.33	16.67	16.54		
10	64QAM	1	0	16.39	16.68	16.67	18.2	0
10	64QAM	1	25	16.54	16.78	16.73		
10	64QAM	1	49	16.39	16.69	16.58		
10	64QAM	25	0	16.35	16.62	16.63	18.2	0
10	64QAM	25	12	16.54	16.77	16.68		
10	64QAM	25	25	16.40	16.62	16.58		
10	64QAM	50	0	16.42	16.60	16.65		
10	256QAM	1	0	16.45	16.67	16.62	18	0.2
10	256QAM	1	25	16.40	16.58	16.57		
10	256QAM	1	49	16.51	16.53	16.63		
10	256QAM	25	0	16.34	16.73	16.63	18	0.2
10	256QAM	25	12	16.58	16.62	16.61		
10	256QAM	25	25	16.46	16.70	16.56		
10	256QAM	50	0	16.51	16.60	16.60		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.56	16.82	16.80	18.2	0
5	QPSK	1	12	16.42	16.74	16.64		
5	QPSK	1	24	16.45	16.70	16.75		
5	QPSK	12	0	16.48	16.82	16.74	18.2	0
5	QPSK	12	7	16.42	16.65	16.55		
5	QPSK	12	13	16.41	16.63	16.66		
5	QPSK	25	0	16.47	16.80	16.75		
5	16QAM	1	0	16.40	16.70	16.61	18.2	0
5	16QAM	1	12	16.43	16.66	16.63		
5	16QAM	1	24	16.53	16.78	16.71		
5	16QAM	12	0	16.38	16.61	16.54	18.2	0
5	16QAM	12	7	16.38	16.70	16.65		
5	16QAM	12	13	16.57	16.82	16.71		
5	16QAM	25	0	16.36	16.67	16.58		
5	64QAM	1	0	16.33	16.65	16.64	18.2	0
5	64QAM	1	12	16.50	16.83	16.73		
5	64QAM	1	24	16.32	16.66	16.57		
5	64QAM	12	0	16.37	16.66	16.59	18.2	0
5	64QAM	12	7	16.52	16.72	16.71		
5	64QAM	12	13	16.35	16.62	16.59		
5	64QAM	25	0	16.38	16.59	16.60		
5	256QAM	1	0	16.52	16.73	16.47	18	0.2
5	256QAM	1	12	16.33	16.70	16.57		
5	256QAM	1	24	16.61	16.62	16.70		
5	256QAM	12	0	16.40	16.78	16.71	18	0.2
5	256QAM	12	7	16.47	16.57	16.67		
5	256QAM	12	13	16.41	16.65	16.66		
5	256QAM	25	0	16.48	16.54	16.62		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3580	3609	3641	3690		
20	QPSK	1	0	15.95	16.04	15.77	15.95	17.1	0
20	QPSK	1	49	15.86	15.91	15.61	15.76		
20	QPSK	1	99	15.98	15.91	15.55	15.68		
20	QPSK	50	0	15.83	16.02	15.67	15.71	17.1	0
20	QPSK	50	24	15.84	16.01	15.55	15.80		
20	QPSK	50	50	15.90	15.96	15.66	15.65		
20	QPSK	100	0	15.87	16.02	15.70	15.65		
20	16QAM	1	0	15.83	15.95	15.62	15.78	17.1	0
20	16QAM	1	49	15.87	15.88	15.67	15.74		
20	16QAM	1	99	15.92	16.01	15.61	15.80		
20	16QAM	50	0	15.89	15.99	15.67	15.90	17.1	0
20	16QAM	50	24	15.83	15.85	15.55	15.73		
20	16QAM	50	50	15.91	15.87	15.53	15.60		
20	16QAM	100	0	15.74	15.92	15.62	15.65		
20	64QAM	1	0	15.81	15.97	15.47	15.74	17.1	0
20	64QAM	1	49	15.87	15.86	15.59	15.62		
20	64QAM	1	99	15.82	15.94	15.67	15.57		
20	64QAM	50	0	15.73	15.88	15.58	15.74	17.1	0
20	64QAM	50	24	15.86	15.94	15.75	15.87		
20	64QAM	50	50	15.84	15.89	15.55	15.70		
20	64QAM	100	0	15.89	15.85	15.49	15.59		
20	256QAM	1	0	15.75	15.94	15.59	15.66	17.1	0
20	256QAM	1	49	15.76	15.91	15.49	15.76		
20	256QAM	1	99	15.81	15.88	15.59	15.63		
20	256QAM	50	0	15.84	15.98	15.62	15.56	17.1	0
20	256QAM	50	24	15.76	15.87	15.53	15.72		
20	256QAM	50	50	15.79	15.79	15.58	15.64		
20	256QAM	100	0	15.89	15.97	15.55	15.71		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.91	16.00	15.74	15.89	17.1	0
15	QPSK	1	37	15.80	15.83	15.56	15.66		
15	QPSK	1	74	15.95	15.85	15.52	15.65		
15	QPSK	36	0	15.75	15.93	15.64	15.68	17.1	0
15	QPSK	36	20	15.82	15.95	15.49	15.73		
15	QPSK	36	39	15.80	15.86	15.59	15.58		
15	QPSK	75	0	15.83	15.94	15.63	15.61		
15	16QAM	1	0	15.76	15.87	15.53	15.70	17.1	0
15	16QAM	1	37	15.78	15.85	15.61	15.70		
15	16QAM	1	74	15.86	15.97	15.56	15.76		
15	16QAM	36	0	15.84	15.93	15.64	15.84	17.1	0
15	16QAM	36	20	15.81	15.78	15.49	15.65		
15	16QAM	36	39	15.86	15.83	15.47	15.51		
15	16QAM	75	0	15.65	15.84	15.60	15.62		
15	64QAM	1	0	15.76	15.94	15.55	15.70	17.1	0
15	64QAM	1	37	15.81	15.79	15.56	15.53		
15	64QAM	1	74	15.77	15.90	15.59	15.49		
15	64QAM	36	0	15.71	15.78	15.54	15.66	17.1	0
15	64QAM	36	20	15.83	15.90	15.69	15.83		
15	64QAM	36	39	15.75	15.80	15.48	15.63		
15	64QAM	75	0	15.81	15.81	15.41	15.55		
15	256QAM	1	0	15.65	15.90	15.56	15.58	17.1	0
15	256QAM	1	37	15.66	15.84	15.41	15.73		
15	256QAM	1	74	15.72	15.83	15.51	15.60		
15	256QAM	36	0	15.80	15.92	15.57	15.53	17.1	0
15	256QAM	36	20	15.70	15.83	15.48	15.69		
15	256QAM	36	39	15.74	15.76	15.48	15.55		
15	256QAM	75	0	15.84	15.89	15.49	15.69		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3643.5	3698		
10	QPSK	1	0	15.90	15.95	15.71	15.92	17.1	0
10	QPSK	1	25	15.84	15.84	15.55	15.66		
10	QPSK	1	49	15.91	15.88	15.53	15.64		
10	QPSK	25	0	15.74	15.91	15.58	15.68	17.1	0
10	QPSK	25	12	15.76	15.93	15.45	15.70		
10	QPSK	25	25	15.82	15.93	15.59	15.60		
10	QPSK	50	0	15.80	15.93	15.66	15.59		
10	16QAM	1	0	15.74	15.91	15.57	15.75	17.1	0
10	16QAM	1	25	15.82	15.79	15.57	15.68		
10	16QAM	1	49	15.88	15.97	15.52	15.71		
10	16QAM	25	0	15.85	15.92	15.61	15.81	17.1	0
10	16QAM	25	12	15.78	15.79	15.46	15.66		
10	16QAM	25	25	15.85	15.78	15.47	15.54		
10	16QAM	50	0	15.66	15.89	15.53	15.57		
10	64QAM	1	0	15.75	15.89	15.42	15.68	17.1	0
10	64QAM	1	25	15.85	15.80	15.54	15.59		
10	64QAM	1	49	15.78	15.86	15.63	15.49		
10	64QAM	25	0	15.63	15.85	15.54	15.66	17.1	0
10	64QAM	25	12	15.80	15.88	15.72	15.84		
10	64QAM	25	25	15.80	15.86	15.48	15.62		
10	64QAM	50	0	15.84	15.76	15.42	15.52		
10	256QAM	1	0	15.69	15.91	15.55	15.58	17.1	0
10	256QAM	1	25	15.67	15.85	15.42	15.73		
10	256QAM	1	49	15.75	15.82	15.54	15.55		
10	256QAM	25	0	15.76	15.94	15.58	15.50	17.1	0
10	256QAM	25	12	15.71	15.83	15.49	15.65		
10	256QAM	25	25	15.72	15.70	15.52	15.55		
10	256QAM	50	0	15.80	15.95	15.51	15.65		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.89	15.97	15.68	15.90	17.1	0
5	QPSK	1	12	15.79	15.84	15.57	15.71		
5	QPSK	1	24	15.92	15.85	15.49	15.58		
5	QPSK	12	0	15.80	15.94	15.63	15.65	17.1	0
5	QPSK	12	7	15.78	15.94	15.51	15.77		
5	QPSK	12	13	15.84	15.89	15.57	15.59		
5	QPSK	25	0	15.83	15.94	15.62	15.56		
5	16QAM	1	0	15.75	15.86	15.57	15.70	17.1	0
5	16QAM	1	12	15.82	15.79	15.57	15.67		
5	16QAM	1	24	15.87	15.94	15.59	15.72		
5	16QAM	12	0	15.84	15.93	15.64	15.87	17.1	0
5	16QAM	12	7	15.78	15.79	15.50	15.64		
5	16QAM	12	13	15.86	15.83	15.48	15.50		
5	16QAM	25	0	15.71	15.89	15.58	15.58	17.1	0
5	64QAM	1	0	15.71	15.89	15.45	15.65		
5	64QAM	1	12	15.82	15.76	15.54	15.60		
5	64QAM	1	24	15.78	15.92	15.61	15.55		
5	64QAM	12	0	15.65	15.82	15.55	15.67	17.1	0
5	64QAM	12	7	15.83	15.88	15.70	15.82		
5	64QAM	12	13	15.78	15.86	15.47	15.62		
5	64QAM	25	0	15.83	15.82	15.41	15.54		
5	256QAM	1	0	15.70	15.90	15.54	15.62	17.1	0
5	256QAM	1	12	15.70	15.82	15.43	15.72		
5	256QAM	1	24	15.73	15.82	15.50	15.58		
5	256QAM	12	0	15.75	15.89	15.58	15.49	17.1	0
5	256QAM	12	7	15.71	15.80	15.44	15.62		
5	256QAM	12	13	15.71	15.71	15.56	15.61		
5	256QAM	25	0	15.79	15.95	15.53	15.66		

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.28	19.39	19.25	20.5	0
20	QPSK	1	49	19.06	19.23	19.06		
20	QPSK	1	99	19.01	19.22	19.01		
20	QPSK	50	0	19.02	19.18	19.08	20.5	0
20	QPSK	50	24	18.96	19.15	18.95		
20	QPSK	50	50	18.94	19.14	18.93		
20	QPSK	100	0	19.01	19.12	19.01		
20	16QAM	1	0	18.85	19.22	18.88	20.5	0
20	16QAM	1	49	18.88	19.26	19.05		
20	16QAM	1	99	18.92	19.12	19.08		
20	16QAM	50	0	19.23	19.33	19.15	20.5	0
20	16QAM	50	24	19.25	19.31	19.15		
20	16QAM	50	50	18.99	19.20	19.02		
20	16QAM	100	0	18.97	19.15	18.94		
20	64QAM	1	0	18.97	19.15	18.99	20.5	0
20	64QAM	1	49	18.92	19.05	18.91		
20	64QAM	1	99	18.91	19.06	18.85		
20	64QAM	50	0	18.97	19.03	18.95	20.5	0
20	64QAM	50	24	18.83	19.16	18.83		
20	64QAM	50	50	18.82	19.20	18.96		
20	64QAM	100	0	18.87	19.10	19.01		
20	256QAM	1	0	19.04	19.17	18.99	20	0.5
20	256QAM	1	49	18.95	19.35	19.11		
20	256QAM	1	99	19.16	19.19	19.01		
20	256QAM	50	0	19.10	19.23	18.97	20	0.5
20	256QAM	50	24	19.11	19.22	18.95		
20	256QAM	50	50	19.13	19.25	19.08		
20	256QAM	100	0	19.01	19.26	18.99		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.18	19.33	19.20	20.5	0
15	QPSK	1	37	18.99	19.19	19.00		
15	QPSK	1	74	18.95	19.18	18.93		
15	QPSK	36	0	18.92	19.11	19.06	20.5	0
15	QPSK	36	20	18.89	19.10	18.92		
15	QPSK	36	39	18.86	19.07	18.85		
15	QPSK	75	0	18.96	19.04	18.96		
15	16QAM	1	0	18.77	19.13	18.83	20.5	0
15	16QAM	1	37	18.81	19.18	19.02		
15	16QAM	1	74	18.84	19.06	19.02		
15	16QAM	36	0	19.20	19.24	19.13	20.5	0
15	16QAM	36	20	19.20	19.27	19.11		
15	16QAM	36	39	18.94	19.15	18.99		
15	16QAM	75	0	18.89	19.09	18.89		
15	64QAM	1	0	18.94	19.09	18.93	20.5	0
15	64QAM	1	37	18.87	19.00	18.85		
15	64QAM	1	74	18.86	18.98	18.80		
15	64QAM	36	0	18.87	18.97	18.92	20.5	0
15	64QAM	36	20	18.76	19.13	18.74		
15	64QAM	36	39	18.77	19.11	18.91		
15	64QAM	75	0	18.78	19.04	18.94		
15	256QAM	1	0	18.92	19.00	18.88	20	0.5
15	256QAM	1	37	18.80	19.22	19.03		
15	256QAM	1	74	19.14	19.13	18.89		
15	256QAM	36	0	18.98	19.07	18.92	20	0.5
15	256QAM	36	20	19.03	19.08	18.79		
15	256QAM	36	39	19.08	19.11	18.93		
15	256QAM	75	0	18.98	19.16	18.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.18	19.37	19.21	20.5	0
10	QPSK	1	25	18.98	19.20	19.01		
10	QPSK	1	49	18.95	19.15	18.94		
10	QPSK	25	0	18.99	19.10	19.05	20.5	0
10	QPSK	25	12	18.90	19.06	18.92		
10	QPSK	25	25	18.86	19.12	18.88		
10	QPSK	50	0	18.94	19.05	18.91		
10	16QAM	1	0	18.76	19.14	18.79	20.5	0
10	16QAM	1	25	18.85	19.20	19.00		
10	16QAM	1	49	18.83	19.05	19.06		
10	16QAM	25	0	19.19	19.25	19.08	20.5	0
10	16QAM	25	12	19.21	19.27	19.11		
10	16QAM	25	25	18.95	19.12	18.99		
10	16QAM	50	0	18.91	19.10	18.87		
10	64QAM	1	0	18.90	19.13	18.91	20.5	0
10	64QAM	1	25	18.85	19.00	18.84		
10	64QAM	1	49	18.85	19.02	18.79		
10	64QAM	25	0	18.87	18.96	18.92	20.5	0
10	64QAM	25	12	18.75	19.12	18.77		
10	64QAM	25	25	18.75	19.13	18.93		
10	64QAM	50	0	18.84	19.04	18.94		
10	256QAM	1	0	18.92	19.12	18.81	20	0.5
10	256QAM	1	25	18.88	19.30	19.00		
10	256QAM	1	49	19.06	19.14	18.90		
10	256QAM	25	0	19.00	19.05	18.83	20	0.5
10	256QAM	25	12	19.00	19.11	18.84		
10	256QAM	25	25	19.02	19.21	19.00		
10	256QAM	50	0	18.91	19.12	18.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.25	19.33	19.20	20.5	0
5	QPSK	1	12	18.98	19.20	19.02		
5	QPSK	1	24	18.94	19.16	18.92		
5	QPSK	12	0	18.97	19.09	19.05	20.5	0
5	QPSK	12	7	18.90	19.10	18.90		
5	QPSK	12	13	18.87	19.09	18.89		
5	QPSK	25	0	18.97	19.03	18.92		
5	16QAM	1	0	18.81	19.16	18.82	20.5	0
5	16QAM	1	12	18.81	19.18	19.02		
5	16QAM	1	24	18.86	19.03	19.05		
5	16QAM	12	0	19.16	19.25	19.12	20.5	0
5	16QAM	12	7	19.19	19.23	19.09		
5	16QAM	12	13	18.93	19.17	18.99		
5	16QAM	25	0	18.90	19.06	18.90		
5	64QAM	1	0	18.89	19.06	18.93	20.5	0
5	64QAM	1	12	18.85	18.99	18.86		
5	64QAM	1	24	18.81	19.02	18.82		
5	64QAM	12	0	18.92	19.00	18.88	20.5	0
5	64QAM	12	7	18.78	19.12	18.77		
5	64QAM	12	13	18.76	19.14	18.86		
5	64QAM	25	0	18.78	19.03	18.92		
5	256QAM	1	0	18.94	19.03	18.90	20	0.5
5	256QAM	1	12	18.80	19.24	19.01		
5	256QAM	1	24	19.04	19.15	18.87		
5	256QAM	12	0	19.05	19.18	18.92	20	0.5
5	256QAM	12	7	18.99	19.08	18.81		
5	256QAM	12	13	19.04	19.22	19.04		
5	256QAM	25	0	18.90	19.16	18.96		

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.00		22.2	0
10	QPSK	1	25		20.96			
10	QPSK	1	49		20.94			
10	QPSK	25	0		20.96		22.2	0
10	QPSK	25	12		20.87			
10	QPSK	25	25		20.87			
10	QPSK	50	0		20.97			
10	16QAM	1	0		20.96		22.2	0
10	16QAM	1	25		20.91			
10	16QAM	1	49		20.82			
10	16QAM	25	0		20.98		22.2	0
10	16QAM	25	12		20.93			
10	16QAM	25	25		20.88			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.87		22.2	0
10	64QAM	1	25		20.82			
10	64QAM	1	49		20.84			
10	64QAM	25	0		20.92		22	0.2
10	64QAM	25	12		20.90			
10	64QAM	25	25		20.83			
10	64QAM	50	0		20.77			
10	256QAM	1	0		19.09		20	2.2
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.20			
10	256QAM	25	0		19.28		20	2.2
10	256QAM	25	12		19.06			
10	256QAM	25	25		19.07			
10	256QAM	50	0		19.16			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.96	20.97	20.98	22.2	0
5	QPSK	1	12	20.87	20.93	20.91		
5	QPSK	1	24	20.87	20.85	20.87		
5	QPSK	12	0	20.90	20.87	20.86	22.2	0
5	QPSK	12	7	20.82	20.84	20.80		
5	QPSK	12	13	20.84	20.80	20.78		
5	QPSK	25	0	20.92	20.89	20.93		
5	16QAM	1	0	20.88	20.87	20.92	22.2	0
5	16QAM	1	12	20.83	20.88	20.84		
5	16QAM	1	24	20.80	20.77	20.74		
5	16QAM	12	0	20.93	20.93	20.92	22.2	0
5	16QAM	12	7	20.85	20.87	20.90		
5	16QAM	12	13	20.84	20.83	20.81		
5	16QAM	25	0	20.80	20.82	20.84		
5	64QAM	1	0	20.81	20.84	20.79	22.2	0
5	64QAM	1	12	20.79	20.76	20.79		
5	64QAM	1	24	20.78	20.76	20.82		
5	64QAM	12	0	20.82	20.83	20.82	22	0.2
5	64QAM	12	7	20.87	20.84	20.86		
5	64QAM	12	13	20.76	20.80	20.80		
5	64QAM	25	0	20.71	20.69	20.72		
5	256QAM	1	0	18.96	18.98	19.09	20	2.2
5	256QAM	1	12	18.98	18.99	18.92		
5	256QAM	1	24	18.94	19.03	19.12		
5	256QAM	12	0	18.88	19.19	18.86	20	2.2
5	256QAM	12	7	19.01	18.97	19.06		
5	256QAM	12	13	18.97	19.05	18.92		
5	256QAM	25	0	18.95	18.99	19.01		

Band 38

BW [MHz]	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	21.55	21.69	21.62	22.3	0
20	QPSK	1	49	21.30	21.55	21.54		
20	QPSK	1	99	21.25	21.42	21.48		
20	QPSK	50	0	21.49	21.60	21.45	22.3	0
20	QPSK	50	24	21.29	21.52	21.46		
20	QPSK	50	50	21.38	21.55	21.38		
20	QPSK	100	0	21.40	21.49	21.45		
20	16QAM	1	0	21.37	21.48	21.43	22.3	0
20	16QAM	1	49	21.41	21.48	21.32		
20	16QAM	1	99	21.26	21.47	21.43		
20	16QAM	50	0	21.57	21.65	21.63	22.3	0
20	16QAM	50	24	21.29	21.61	21.56		
20	16QAM	50	50	21.21	21.36	21.45		
20	16QAM	100	0	21.60	21.62	21.62		
20	64QAM	1	0	21.30	21.58	21.49	22.3	0
20	64QAM	1	49	21.22	21.37	21.44		
20	64QAM	1	99	21.52	21.58	21.47		
20	64QAM	50	0	21.22	21.24	21.33	22	0.3
20	64QAM	50	24	21.22	21.27	21.32		
20	64QAM	50	50	21.15	21.41	21.17		
20	64QAM	100	0	21.18	21.36	21.15		
20	256QAM	1	0	19.24	19.30	19.34	20	2.3
20	256QAM	1	49	19.19	19.25	19.21		
20	256QAM	1	99	19.18	19.40	19.27		
20	256QAM	50	0	19.10	19.27	19.23	20	2.3
20	256QAM	50	24	19.16	19.26	19.28		
20	256QAM	50	50	19.07	19.42	19.27		
20	256QAM	100	0	19.07	19.31	19.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.45	21.58	21.54	22.3	0
15	QPSK	1	37	21.20	21.49	21.44		
15	QPSK	1	74	21.15	21.31	21.39		
15	QPSK	36	0	21.38	21.51	21.40	22.3	0
15	QPSK	36	20	21.20	21.44	21.42		
15	QPSK	36	39	21.27	21.47	21.33		
15	QPSK	75	0	21.36	21.38	21.33		
15	16QAM	1	0	21.28	21.41	21.39	22.3	0
15	16QAM	1	37	21.36	21.43	21.21		
15	16QAM	1	74	21.14	21.37	21.33		
15	16QAM	36	0	21.48	21.60	21.54	22.3	0
15	16QAM	36	20	21.19	21.51	21.50		
15	16QAM	36	39	21.17	21.27	21.35		
15	16QAM	75	0	21.50	21.58	21.52		
15	64QAM	1	0	21.22	21.54	21.37	22.3	0
15	64QAM	1	37	21.15	21.29	21.34		
15	64QAM	1	74	21.45	21.54	21.36		
15	64QAM	36	0	21.17	21.17	21.22	22	0.3
15	64QAM	36	20	21.17	21.23	21.30		
15	64QAM	36	39	21.08	21.30	21.11		
15	64QAM	75	0	21.10	21.32	21.02		
15	256QAM	1	0	19.10	19.12	19.32	20	2.3
15	256QAM	1	37	19.04	19.13	19.10		
15	256QAM	1	74	19.11	19.26	19.21		
15	256QAM	36	0	19.03	19.11	19.12	20	2.3
15	256QAM	36	20	19.06	19.19	19.18		
15	256QAM	36	39	19.04	19.28	19.24		
15	256QAM	75	0	19.02	19.15	19.13		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.48	21.58	21.55	22.3	0
10	QPSK	1	25	21.18	21.46	21.49		
10	QPSK	1	49	21.20	21.37	21.39		
10	QPSK	25	0	21.42	21.50	21.37	22.3	0
10	QPSK	25	12	21.20	21.41	21.34		
10	QPSK	25	25	21.30	21.46	21.33		
10	QPSK	50	0	21.33	21.41	21.34		
10	16QAM	1	0	21.32	21.43	21.32	22.3	0
10	16QAM	1	25	21.33	21.41	21.22		
10	16QAM	1	49	21.17	21.39	21.31		
10	16QAM	25	0	21.45	21.58	21.54	22.3	0
10	16QAM	25	12	21.23	21.55	21.46		
10	16QAM	25	25	21.10	21.28	21.40		
10	16QAM	50	0	21.50	21.54	21.58		
10	64QAM	1	0	21.25	21.50	21.43	22.3	0
10	64QAM	1	25	21.12	21.31	21.35		
10	64QAM	1	49	21.46	21.47	21.39		
10	64QAM	25	0	21.08	21.20	21.17	22	0.3
10	64QAM	25	12	21.14	21.17	21.28		
10	64QAM	25	25	21.10	21.32	21.06		
10	64QAM	50	0	21.05	21.19	21.03		
10	256QAM	1	0	19.07	19.13	19.24	20	2.3
10	256QAM	1	25	19.02	19.13	19.11		
10	256QAM	1	49	19.08	19.34	19.23		
10	256QAM	25	0	19.01	19.17	19.08	20	2.3
10	256QAM	25	12	19.06	19.16	19.25		
10	256QAM	25	25	18.92	19.29	19.14		
10	256QAM	50	0	19.03	19.22	19.08		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.48	21.61	21.56	22.3	0
5	QPSK	1	12	21.22	21.45	21.48		
5	QPSK	1	24	21.20	21.37	21.42		
5	QPSK	12	0	21.38	21.49	21.35	22.3	0
5	QPSK	12	7	21.22	21.48	21.34		
5	QPSK	12	13	21.32	21.48	21.29		
5	QPSK	25	0	21.33	21.39	21.34		
5	16QAM	1	0	21.28	21.40	21.35	22.3	0
5	16QAM	1	12	21.30	21.37	21.28		
5	16QAM	1	24	21.22	21.36	21.37		
5	16QAM	12	0	21.47	21.60	21.58	22.3	0
5	16QAM	12	7	21.24	21.54	21.50		
5	16QAM	12	13	21.11	21.30	21.35		
5	16QAM	25	0	21.51	21.50	21.58		
5	64QAM	1	0	21.25	21.52	21.40	22.3	0
5	64QAM	1	12	21.18	21.32	21.38		
5	64QAM	1	24	21.45	21.49	21.39		
5	64QAM	12	0	21.19	21.19	21.22	22	0.3
5	64QAM	12	7	21.05	21.23	21.19		
5	64QAM	12	13	21.10	21.27	21.01		
5	64QAM	25	0	21.14	21.30	21.12		
5	256QAM	1	0	19.07	19.21	19.22	20	2.3
5	256QAM	1	12	19.11	19.09	19.04		
5	256QAM	1	24	19.11	19.26	19.21		
5	256QAM	12	0	19.06	19.13	19.09	20	2.3
5	256QAM	12	7	19.02	19.16	19.12		
5	256QAM	12	13	19.01	19.31	19.22		
5	256QAM	25	0	18.92	19.22	19.09		

Band 41

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	21.51	21.66	21.73	21.72	21.47	22.3	0
20	QPSK	1	49	21.48	21.39	21.65	21.60	21.29		
20	QPSK	1	99	21.39	21.30	21.47	21.52	21.29		
20	QPSK	50	0	21.41	21.59	21.67	21.52	21.45	22.3	0
20	QPSK	50	24	21.39	21.41	21.61	21.57	21.27		
20	QPSK	50	50	21.39	21.44	21.62	21.46	21.25		
20	QPSK	100	0	21.49	21.45	21.60	21.55	21.34		
20	16QAM	1	0	21.47	21.42	21.55	21.53	21.32	22.3	0
20	16QAM	1	49	21.43	21.49	21.55	21.40	21.33		
20	16QAM	1	99	21.45	21.33	21.58	21.50	21.27		
20	16QAM	50	0	21.44	21.59	21.64	21.63	21.42	22.3	0
20	16QAM	50	24	21.45	21.37	21.61	21.50	21.23		
20	16QAM	50	50	21.30	21.28	21.37	21.48	21.25		
20	16QAM	100	0	21.45	21.60	21.67	21.64	21.45		
20	64QAM	1	0	21.39	21.32	21.58	21.52	21.23	22.3	0
20	64QAM	1	49	21.33	21.23	21.40	21.50	21.27		
20	64QAM	1	99	21.37	21.50	21.65	21.46	21.42		
20	64QAM	50	0	21.05	20.97	21.10	20.96	20.83	22	0.3
20	64QAM	50	24	21.01	21.03	21.19	21.03	20.78		
20	64QAM	50	50	20.86	20.84	21.11	21.07	20.99		
20	64QAM	100	0	20.86	20.96	21.12	21.01	20.83		
20	256QAM	1	0	19.01	19.02	19.04	19.15	18.90	20	2.3
20	256QAM	1	49	18.96	18.91	19.04	18.95	18.94		
20	256QAM	1	99	18.90	18.83	19.19	18.95	18.79		
20	256QAM	50	0	19.05	18.96	19.03	18.99	18.97	20	2.3
20	256QAM	50	24	18.97	18.89	19.19	19.01	18.97		
20	256QAM	50	50	19.01	18.93	19.22	19.14	18.90		
20	256QAM	100	0	19.00	19.04	19.12	19.03	18.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.45	21.62	21.71	21.67	21.42	22	0
15	QPSK	1	37	21.42	21.32	21.61	21.51	21.22		
15	QPSK	1	74	21.30	21.22	21.40	21.43	21.27		
15	QPSK	36	0	21.34	21.57	21.59	21.48	21.36	22.3	0
15	QPSK	36	20	21.36	21.35	21.56	21.49	21.20		
15	QPSK	36	39	21.30	21.41	21.58	21.38	21.18		
15	QPSK	75	0	21.40	21.40	21.52	21.51	21.30		
15	16QAM	1	0	21.39	21.38	21.45	21.51	21.24	22.3	0
15	16QAM	1	37	21.39	21.42	21.50	21.34	21.29		
15	16QAM	1	74	21.41	21.28	21.49	21.45	21.19		
15	16QAM	36	0	21.37	21.52	21.61	21.55	21.39	22.3	0
15	16QAM	36	20	21.42	21.31	21.58	21.44	21.18		
15	16QAM	36	39	21.24	21.24	21.30	21.45	21.17		
15	16QAM	75	0	21.39	21.56	21.64	21.61	21.35		
15	64QAM	1	0	21.30	21.23	21.49	21.49	21.16	22.3	0
15	64QAM	1	37	21.25	21.15	21.35	21.47	21.20		
15	64QAM	1	74	21.34	21.42	21.62	21.42	21.40		
15	64QAM	36	0	20.93	20.85	21.04	20.90	20.74	22	0.3
15	64QAM	36	20	20.88	20.93	21.05	21.01	20.66		
15	64QAM	36	39	20.74	20.68	21.05	20.94	20.91		
15	64QAM	75	0	20.68	20.87	21.08	20.98	20.73		
15	256QAM	1	0	18.88	18.86	19.02	19.05	18.75	20	2.3
15	256QAM	1	37	18.79	18.84	18.89	18.92	18.83		
15	256QAM	1	74	18.77	18.73	19.12	18.90	18.71		
15	256QAM	36	0	18.99	18.80	18.87	18.90	18.88	20	2.3
15	256QAM	36	20	18.91	18.84	19.08	18.87	18.94		
15	256QAM	36	39	18.83	18.81	19.14	18.97	18.80		
15	256QAM	75	0	18.86	18.95	18.98	18.92	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	21.42	21.61	21.69	21.70	21.41	22	0
10	QPSK	1	25	21.46	21.35	21.59	21.50	21.23		
10	QPSK	1	49	21.36	21.21	21.41	21.43	21.24		
10	QPSK	25	0	21.37	21.50	21.65	21.47	21.39	22.3	0
10	QPSK	25	12	21.32	21.33	21.52	21.52	21.25		
10	QPSK	25	25	21.33	21.39	21.60	21.43	21.15		
10	QPSK	50	0	21.42	21.39	21.55	21.46	21.29		
10	16QAM	1	0	21.43	21.32	21.46	21.45	21.30	22.3	0
10	16QAM	1	25	21.36	21.46	21.51	21.31	21.29		
10	16QAM	1	49	21.40	21.28	21.50	21.42	21.21		
10	16QAM	25	0	21.38	21.56	21.61	21.57	21.37	22.3	0
10	16QAM	25	12	21.38	21.28	21.57	21.44	21.19		
10	16QAM	25	25	21.24	21.25	21.28	21.42	21.20		
10	16QAM	50	0	21.41	21.54	21.61	21.62	21.36		
10	64QAM	1	0	21.32	21.28	21.50	21.50	21.16	22.3	0
10	64QAM	1	25	21.27	21.19	21.31	21.45	21.18		
10	64QAM	1	49	21.30	21.42	21.59	21.39	21.33		
10	64QAM	25	0	20.94	20.95	21.04	20.92	20.67	22	0.3
10	64QAM	25	12	20.88	20.99	21.14	20.98	20.66		
10	64QAM	25	25	20.70	20.80	20.99	20.94	20.88		
10	64QAM	50	0	20.71	20.81	21.02	20.89	20.70		
10	256QAM	1	0	18.88	18.99	19.00	19.01	18.81	20	2.3
10	256QAM	1	25	18.88	18.78	18.91	18.83	18.78		
10	256QAM	1	49	18.75	18.77	19.07	18.87	18.72		
10	256QAM	25	0	18.91	18.84	18.88	18.84	18.82	20	2.3
10	256QAM	25	12	18.89	18.81	19.05	18.84	18.81		
10	256QAM	25	25	18.86	18.77	19.18	18.97	18.87		
10	256QAM	50	0	18.92	18.88	18.98	18.93	18.69		
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	21.49	21.61	21.67	21.64	21.39	22	0
5	QPSK	1	12	21.40	21.35	21.59	21.54	21.21		
5	QPSK	1	24	21.33	21.26	21.43	21.47	21.20		
5	QPSK	12	0	21.37	21.55	21.64	21.49	21.43	22.3	0
5	QPSK	12	7	21.29	21.35	21.59	21.50	21.19		
5	QPSK	12	13	21.35	21.37	21.58	21.37	21.21		
5	QPSK	25	0	21.40	21.43	21.51	21.47	21.29		
5	16QAM	1	0	21.43	21.35	21.52	21.50	21.26	22.3	0
5	16QAM	1	12	21.34	21.40	21.50	21.33	21.26		
5	16QAM	1	24	21.40	21.30	21.49	21.44	21.20		
5	16QAM	12	0	21.42	21.56	21.61	21.53	21.33	22.3	0
5	16QAM	12	7	21.40	21.32	21.53	21.44	21.16		
5	16QAM	12	13	21.22	21.19	21.29	21.44	21.21		
5	16QAM	25	0	21.42	21.53	21.58	21.61	21.41		
5	64QAM	1	0	21.32	21.29	21.52	21.48	21.21	22.3	0
5	64QAM	1	12	21.23	21.13	21.38	21.40	21.22		
5	64QAM	1	24	21.27	21.47	21.56	21.38	21.37		
5	64QAM	12	0	20.89	20.88	21.07	20.90	20.72	22	0.3
5	64QAM	12	7	20.95	20.86	21.04	20.94	20.61		
5	64QAM	12	13	20.75	20.77	21.07	20.96	20.87		
5	64QAM	25	0	20.76	20.81	21.06	20.86	20.77		
5	256QAM	1	0	18.92	18.89	18.93	18.99	18.84	20	2.3
5	256QAM	1	12	18.88	18.78	19.01	18.88	18.84		
5	256QAM	1	24	18.85	18.69	19.06	18.88	18.62		
5	256QAM	12	0	18.93	18.89	18.98	18.85	18.88	20	2.3
5	256QAM	12	7	18.81	18.80	19.14	18.93	18.90		
5	256QAM	12	13	18.93	18.82	19.17	19.06	18.77		
5	256QAM	25	0	18.97	18.89	19.05	18.94	18.76		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.18	23.19	23.25	23.22	23.12	23.9	0
20	QPSK	1	49	23.13	23.08	23.22	23.03	22.89		
20	QPSK	1	99	23.19	23.11	23.21	23.16	22.89		
20	QPSK	50	0	23.11	23.05	23.17	23.08	22.96	23.9	0
20	QPSK	50	24	23.04	23.16	23.13	23.14	22.93		
20	QPSK	50	50	23.07	23.08	23.05	23.12	22.95		
20	QPSK	100	0	23.03	23.11	23.16	23.05	23.03		
20	16QAM	1	0	23.11	23.16	23.19	23.16	23.10	23.9	0
20	16QAM	1	49	23.05	22.99	23.13	22.95	22.84		
20	16QAM	1	99	23.11	23.07	23.17	23.11	22.83		
20	16QAM	50	0	23.06	22.99	23.08	23.05	22.93	23.9	0
20	16QAM	50	24	23.00	23.11	23.06	23.09	22.88		
20	16QAM	50	50	22.99	23.01	22.96	23.02	22.90		
20	16QAM	100	0	22.96	23.06	23.11	23.01	22.98		
20	64QAM	1	0	23.09	23.16	23.20	23.19	23.06	23.9	0
20	64QAM	1	49	23.06	23.02	23.15	23.00	22.82		
20	64QAM	1	99	23.17	23.01	23.15	23.08	22.85		
20	64QAM	50	0	23.02	22.96	23.07	22.99	22.89	23.9	0
20	64QAM	50	24	22.94	23.12	23.05	23.10	22.84		
20	64QAM	50	50	22.99	22.98	22.97	23.04	22.88		
20	64QAM	100	0	22.96	23.03	23.13	22.99	22.97		
20	256QAM	1	0	22.01	22.11	22.06	21.96	21.87	23	0.9
20	256QAM	1	49	22.19	22.13	22.25	21.97	21.95		
20	256QAM	1	99	22.06	22.09	22.09	22.09	22.08		
20	256QAM	50	0	22.02	22.12	22.16	22.09	22.04	23	0.9
20	256QAM	50	24	22.08	22.24	22.23	21.96	22.06		
20	256QAM	50	50	22.21	22.15	22.16	22.11	21.87		
20	256QAM	100	0	22.06	22.03	22.04	22.16	22.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.10	23.13	23.20	23.16	23.04	24	0
15	QPSK	1	37	23.04	22.98	23.19	22.96	22.81		
15	QPSK	1	74	23.16	23.07	23.14	23.12	22.82		
15	QPSK	36	0	23.03	22.98	23.11	23.03	22.86	23.9	0
15	QPSK	36	20	23.00	23.09	23.10	23.08	22.84		
15	QPSK	36	39	23.03	23.02	22.95	23.08	22.89		
15	QPSK	75	0	23.00	23.08	23.14	22.99	23.01		
15	16QAM	1	0	23.09	23.12	23.17	23.09	23.02	23.9	0
15	16QAM	1	37	23.03	22.89	23.08	22.91	22.81		
15	16QAM	1	74	23.06	23.04	23.10	23.09	22.81		
15	16QAM	36	0	23.03	22.90	23.00	22.98	22.86	23.9	0
15	16QAM	36	20	22.95	23.05	22.98	23.02	22.83		
15	16QAM	36	39	22.89	22.97	22.92	22.99	22.88		
15	16QAM	75	0	22.86	23.01	23.06	22.98	22.93		
15	64QAM	1	0	23.02	23.07	23.14	23.10	23.01	23.9	0
15	64QAM	1	37	23.02	22.93	23.09	22.93	22.72		
15	64QAM	1	74	23.12	22.95	23.06	23.00	22.82		
15	64QAM	36	0	22.95	22.88	23.04	22.90	22.79	23.9	0
15	64QAM	36	20	22.89	23.07	22.98	23.07	22.77		
15	64QAM	36	39	22.96	22.95	22.94	23.02	22.84		
15	64QAM	75	0	22.88	22.98	23.09	22.94	22.93		
15	256QAM	1	0	21.96	22.03	21.91	21.91	21.71	23	0.9
15	256QAM	1	37	22.14	22.10	22.10	21.90	21.77		
15	256QAM	1	74	22.04	22.05	21.97	22.02	21.92		
15	256QAM	36	0	21.96	22.03	22.08	21.95	21.94	23	0.9
15	256QAM	36	20	21.90	22.09	22.16	21.90	22.02		
15	256QAM	36	39	22.18	22.03	22.12	22.05	21.72		
15	256QAM	75	0	22.01	21.91	21.91	21.99	21.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.11	23.13	23.16	23.12	23.05	24	0
10	QPSK	1	25	23.06	23.00	23.15	22.93	22.79		
10	QPSK	1	49	23.11	23.05	23.16	23.13	22.85		
10	QPSK	25	0	23.05	22.97	23.09	23.05	22.89	23.9	0
10	QPSK	25	12	22.97	23.10	23.08	23.11	22.83		
10	QPSK	25	25	22.97	23.04	23.00	23.07	22.85		
10	QPSK	50	0	22.99	23.04	23.12	23.00	22.96		
10	16QAM	1	0	23.03	23.07	23.15	23.12	23.01	23.9	0
10	16QAM	1	25	22.98	22.95	23.07	22.91	22.79		
10	16QAM	1	49	23.04	23.00	23.12	23.02	22.76		
10	16QAM	25	0	22.99	22.94	22.99	23.01	22.90	23.9	0
10	16QAM	25	12	22.91	23.04	23.01	23.05	22.79		
10	16QAM	25	25	22.96	22.98	22.87	22.95	22.88		
10	16QAM	50	0	22.90	23.02	23.01	22.97	22.92		
10	64QAM	1	0	23.01	23.12	23.16	23.15	23.03	23.9	0
10	64QAM	1	25	23.01	22.94	23.10	22.91	22.75		
10	64QAM	1	49	23.07	22.92	23.08	23.00	22.77		
10	64QAM	25	0	22.98	22.89	23.04	22.89	22.85	23.9	0
10	64QAM	25	12	22.92	23.08	23.00	23.03	22.79		
10	64QAM	25	25	22.92	22.94	22.92	22.98	22.82		
10	64QAM	50	0	22.94	23.01	23.09	22.95	22.89		
10	256QAM	1	0	21.89	21.95	21.91	21.89	21.84	23	0.9
10	256QAM	1	25	22.09	22.03	22.21	21.83	21.79		
10	256QAM	1	49	21.90	22.02	22.01	22.00	21.98		
10	256QAM	25	0	21.94	22.05	22.09	21.98	21.94	23	0.9
10	256QAM	25	12	22.00	22.18	22.11	21.91	22.02		
10	256QAM	25	25	22.09	22.08	22.12	22.02	21.84		
10	256QAM	50	0	22.00	21.90	21.93	22.00	21.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.15	23.14	23.22	23.12	23.06	24	0
5	QPSK	1	12	23.11	23.00	23.13	22.97	22.83		
5	QPSK	1	24	23.14	23.04	23.14	23.11	22.86		
5	QPSK	12	0	23.01	22.95	23.13	23.02	22.90	23.9	0
5	QPSK	12	7	22.98	23.13	23.06	23.11	22.88		
5	QPSK	12	13	23.00	23.02	22.96	23.07	22.92		
5	QPSK	25	0	22.97	23.02	23.13	23.01	23.00		
5	16QAM	1	0	23.07	23.12	23.10	23.07	23.04	23.9	0
5	16QAM	1	12	23.00	22.93	23.04	22.88	22.77		
5	16QAM	1	24	23.09	23.03	23.14	23.08	22.78		
5	16QAM	12	0	23.00	22.93	23.00	22.95	22.90	23.9	0
5	16QAM	12	7	22.92	23.05	22.98	23.03	22.85		
5	16QAM	12	13	22.92	22.92	22.93	22.92	22.82		
5	16QAM	25	0	22.87	23.02	23.06	22.96	22.88		
5	64QAM	1	0	23.07	23.10	23.13	23.15	23.01	23.9	0
5	64QAM	1	12	22.96	22.94	23.05	22.95	22.72		
5	64QAM	1	24	23.13	22.94	23.09	23.02	22.79		
5	64QAM	12	0	22.93	22.92	23.03	22.90	22.83	23.9	0
5	64QAM	12	7	22.91	23.05	23.00	23.07	22.77		
5	64QAM	12	13	22.95	22.92	22.87	22.97	22.82		
5	64QAM	25	0	22.91	22.99	23.03	22.94	22.89		
5	256QAM	1	0	21.94	22.07	21.90	21.82	21.83	23	0.9
5	256QAM	1	12	22.05	22.08	22.16	21.87	21.79		
5	256QAM	1	24	22.01	21.96	21.98	21.99	22.03		
5	256QAM	12	0	21.96	22.10	22.01	22.00	22.00	23	0.9
5	256QAM	12	7	21.99	22.11	22.09	21.84	21.89		
5	256QAM	12	13	22.09	22.10	22.00	21.96	21.85		
5	256QAM	25	0	21.96	22.00	22.01	22.01	21.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.20	21.22	21.21	22.4	0
20	QPSK	1	49	21.08	21.16	21.07		
20	QPSK	1	99	21.17	21.17	21.05		
20	QPSK	50	0	21.12	21.19	21.15	22.4	0
20	QPSK	50	24	21.00	21.08	21.05		
20	QPSK	50	50	21.13	21.15	20.96		
20	QPSK	100	0	21.14	21.18	21.16		
20	16QAM	1	0	21.01	21.06	21.05	22.4	0
20	16QAM	1	49	21.13	21.09	20.95		
20	16QAM	1	99	21.15	21.17	21.13		
20	16QAM	50	0	21.01	21.14	21.03	22.4	0
20	16QAM	50	24	21.10	21.08	21.01		
20	16QAM	50	50	21.06	21.15	21.05		
20	16QAM	100	0	20.92	21.02	21.02		
20	64QAM	1	0	21.10	21.12	20.88	22.4	0
20	64QAM	1	49	21.08	21.10	21.10		
20	64QAM	1	99	20.94	21.04	21.00		
20	64QAM	50	0	21.16	21.19	21.16	22	0.4
20	64QAM	50	24	21.04	21.13	21.03		
20	64QAM	50	50	21.12	21.08	20.99		
20	64QAM	100	0	21.08	21.15	21.07		
20	256QAM	1	0	19.77	19.86	19.67	20	2.4
20	256QAM	1	49	19.79	19.95	19.64		
20	256QAM	1	99	19.81	19.89	19.70		
20	256QAM	50	0	19.83	19.83	19.64	20	2.4
20	256QAM	50	24	19.72	19.82	19.76		
20	256QAM	50	50	19.71	19.86	19.72		
20	256QAM	100	0	19.69	19.85	19.82		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.16	21.17	21.14	22.4	0
15	QPSK	1	37	21.06	21.12	21.02		
15	QPSK	1	74	21.11	21.14	20.96		
15	QPSK	36	0	21.05	21.15	21.09	22.4	0
15	QPSK	36	20	20.92	21.00	21.01		
15	QPSK	36	39	21.04	21.07	20.92		
15	QPSK	75	0	21.09	21.15	21.12		
15	16QAM	1	0	20.94	21.02	20.96	22.4	0
15	16QAM	1	37	21.10	21.05	20.92		
15	16QAM	1	74	21.10	21.12	21.06		
15	16QAM	36	0	20.91	21.12	20.97	22.4	0
15	16QAM	36	20	21.04	21.02	20.92		
15	16QAM	36	39	20.96	21.05	20.98		
15	16QAM	75	0	20.87	20.98	20.95		
15	64QAM	1	0	21.00	21.03	20.83	22.4	0
15	64QAM	1	37	21.00	21.06	21.07		
15	64QAM	1	74	20.87	20.99	20.97		
15	64QAM	36	0	21.12	21.15	21.19	22	0.4
15	64QAM	36	20	21.02	21.08	21.04		
15	64QAM	36	39	21.15	21.11	21.00		
15	64QAM	75	0	21.10	21.17	21.07		
15	256QAM	1	0	19.65	19.72	19.53	20	2.4
15	256QAM	1	37	19.76	19.82	19.52		
15	256QAM	1	74	19.72	19.74	19.57		
15	256QAM	36	0	19.69	19.71	19.57	20	2.4
15	256QAM	36	20	19.61	19.65	19.63		
15	256QAM	36	39	19.61	19.64	19.57		
15	256QAM	75	0	19.59	19.71	19.78		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.11	21.19	21.16	22.4	0
10	QPSK	1	25	21.01	21.10	20.98		
10	QPSK	1	49	21.11	21.09	21.02		
10	QPSK	25	0	21.10	21.10	21.05	22.4	0
10	QPSK	25	12	20.91	21.02	20.98		
10	QPSK	25	25	21.06	21.12	20.88		
10	QPSK	50	0	21.08	21.10	21.07		
10	16QAM	1	0	20.98	21.02	21.02	22.4	0
10	16QAM	1	25	21.04	21.04	20.86		
10	16QAM	1	49	21.11	21.10	21.08		
10	16QAM	25	0	20.97	21.11	20.98	22.4	0
10	16QAM	25	12	21.04	21.00	20.91		
10	16QAM	25	25	21.00	21.11	20.96		
10	16QAM	50	0	20.85	20.97	20.94		
10	64QAM	1	0	21.05	21.09	20.83	22.4	0
10	64QAM	1	25	21.00	21.04	21.00		
10	64QAM	1	49	20.89	20.95	20.91		
10	64QAM	25	0	21.15	21.13	21.14	22	0.4
10	64QAM	25	12	21.01	21.10	20.98		
10	64QAM	25	25	21.10	21.13	21.01		
10	64QAM	50	0	21.10	21.16	21.12		
10	256QAM	1	0	19.63	19.72	19.56	20	2.4
10	256QAM	1	25	19.68	19.80	19.46		
10	256QAM	1	49	19.72	19.78	19.57		
10	256QAM	25	0	19.73	19.73	19.46	20	2.4
10	256QAM	25	12	19.68	19.73	19.65		
10	256QAM	25	25	19.68	19.78	19.58		
10	256QAM	50	0	19.58	19.73	19.70		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.16	21.13	21.13	22.4	0
5	QPSK	1	12	21.03	21.12	20.98		
5	QPSK	1	24	21.12	21.10	20.96		
5	QPSK	12	0	21.07	21.17	21.11	22.4	0
5	QPSK	12	7	20.94	21.03	20.96		
5	QPSK	12	13	21.10	21.10	20.94		
5	QPSK	25	0	21.08	21.15	21.09		
5	16QAM	1	0	20.92	21.00	21.02	22.4	0
5	16QAM	1	12	21.08	21.01	20.93		
5	16QAM	1	24	21.12	21.09	21.05		
5	16QAM	12	0	20.97	21.10	20.96	22.4	0
5	16QAM	12	7	21.06	21.03	20.93		
5	16QAM	12	13	21.04	21.10	21.01		
5	16QAM	25	0	20.90	20.97	20.99		
5	64QAM	1	0	21.08	21.04	20.84	22.4	0
5	64QAM	1	12	21.01	21.06	21.08		
5	64QAM	1	24	20.88	20.95	20.92		
5	64QAM	12	0	21.13	21.19	21.16	22	0.4
5	64QAM	12	7	21.01	21.13	21.00		
5	64QAM	12	13	21.07	21.14	21.01		
5	64QAM	25	0	21.03	21.13	21.10		
5	256QAM	1	0	19.69	19.82	19.50	20	2.4
5	256QAM	1	12	19.65	19.87	19.53		
5	256QAM	1	24	19.68	19.75	19.54		
5	256QAM	12	0	19.81	19.75	19.58	20	2.4
5	256QAM	12	7	19.67	19.76	19.63		
5	256QAM	12	13	19.64	19.70	19.68		
5	256QAM	25	0	19.66	19.81	19.70		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.31	22.56	22.24	22.19	23.5	0
20	QPSK	1	49	22.18	22.45	22.12	22.07		
20	QPSK	1	99	22.18	22.41	22.14	22.11		
20	QPSK	50	0	22.16	22.53	22.13	22.18	23.5	0
20	QPSK	50	24	22.23	22.51	22.14	22.04		
20	QPSK	50	50	22.24	22.48	22.13	22.12		
20	QPSK	100	0	22.26	22.47	22.16	22.15		
20	16QAM	1	0	22.22	22.50	22.14	22.06	23.5	0
20	16QAM	1	49	22.18	22.39	22.16	22.15		
20	16QAM	1	99	22.17	22.44	22.21	22.23		
20	16QAM	50	0	22.02	22.36	22.00	21.98	23	0.5
20	16QAM	50	24	22.16	22.26	21.93	22.08		
20	16QAM	50	50	22.13	22.30	21.94	22.03		
20	16QAM	100	0	22.20	22.27	21.97	21.95		
20	64QAM	1	0	22.02	22.30	22.12	22.11	23	0.5
20	64QAM	1	49	22.18	22.38	22.11	21.91		
20	64QAM	1	99	22.01	22.33	22.01	22.00		
20	64QAM	50	0	21.05	21.39	21.02	20.93	22	1.5
20	64QAM	50	24	21.04	21.29	21.04	21.10		
20	64QAM	50	50	21.00	21.25	20.91	20.98		
20	64QAM	100	0	21.11	21.41	21.11	20.92		
20	256QAM	1	0	19.02	19.30	19.10	18.96	20	3.5
20	256QAM	1	49	19.00	19.46	19.04	18.98		
20	256QAM	1	99	18.99	19.41	19.02	19.14		
20	256QAM	50	0	19.17	19.38	19.04	19.06	20	3.5
20	256QAM	50	24	19.16	19.45	19.06	18.97		
20	256QAM	50	50	19.02	19.47	18.98	18.98		
20	256QAM	100	0	19.18	19.34	19.04	19.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.26	22.52	22.15	22.10	23.5	0
15	QPSK	1	37	22.16	22.43	22.06	22.03		
15	QPSK	1	74	22.10	22.33	22.10	22.07		
15	QPSK	36	0	22.13	22.50	22.05	22.12	23.5	0
15	QPSK	36	20	22.17	22.41	22.07	22.01		
15	QPSK	36	39	22.21	22.40	22.10	22.05		
15	QPSK	75	0	22.16	22.45	22.11	22.05		
15	16QAM	1	0	22.13	22.44	22.06	22.26	23.5	0
15	16QAM	1	37	22.10	22.30	22.12	22.13		
15	16QAM	1	74	22.10	22.41	22.16	22.20		
15	16QAM	36	0	22.20	22.44	22.06	21.98	23	0.5
15	16QAM	36	20	22.18	22.28	21.99	22.04		
15	16QAM	36	39	22.13	22.31	22.04	22.05		
15	16QAM	75	0	22.13	22.13	21.88	21.87		
15	64QAM	1	0	21.99	22.17	22.03	21.97	23	0.5
15	64QAM	1	37	22.00	22.22	22.05	21.80		
15	64QAM	1	74	21.90	22.24	21.95	21.95		
15	64QAM	36	0	20.96	21.36	20.87	20.89	22	1.5
15	64QAM	36	20	20.97	21.20	20.97	21.06		
15	64QAM	36	39	20.87	21.09	20.87	20.95		
15	64QAM	75	0	20.97	21.35	21.03	20.88		
15	256QAM	1	0	19.07	19.30	19.05	19.10	20	3.5
15	256QAM	1	37	19.05	19.41	18.94	18.96		
15	256QAM	1	74	19.05	19.44	18.95	18.96		
15	256QAM	36	0	19.08	19.25	18.88	18.95	20	3.5
15	256QAM	36	20	19.05	19.37	18.96	18.93		
15	256QAM	36	39	18.95	19.31	18.92	18.91		
15	256QAM	75	0	19.13	19.29	18.92	19.00		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.24	22.51	22.18	22.16	23.5	0
10	QPSK	1	25	22.12	22.42	22.09	22.15		
10	QPSK	1	49	22.10	22.38	22.04	22.06		
10	QPSK	25	0	22.06	22.46	22.06	22.14	23.5	0
10	QPSK	25	12	22.18	22.44	22.06	22.00		
10	QPSK	25	25	22.15	22.45	22.09	22.04		
10	QPSK	50	0	22.24	22.39	22.10	22.06		
10	16QAM	1	0	22.16	22.41	22.06	22.00	23.5	0
10	16QAM	1	25	22.15	22.33	22.08	22.06		
10	16QAM	1	49	22.14	22.38	22.12	22.15		
10	16QAM	25	0	21.93	22.31	21.93	21.87	23	0.5
10	16QAM	25	12	22.10	22.15	21.83	21.98		
10	16QAM	25	25	22.02	22.15	21.83	21.97		
10	16QAM	50	0	22.02	22.20	21.79	21.80		
10	64QAM	1	0	21.99	22.20	22.02	21.93	23	0.5
10	64QAM	1	25	22.13	22.32	22.06	21.85		
10	64QAM	1	49	21.94	22.31	21.95	21.89		
10	64QAM	25	0	21.02	21.22	20.92	20.82	22	1.5
10	64QAM	25	12	20.96	21.13	20.97	20.97		
10	64QAM	25	25	20.92	21.08	20.85	20.83		
10	64QAM	50	0	20.96	21.33	21.05	20.85		
10	256QAM	1	0	19.14	19.28	18.93	18.90	20	3.5
10	256QAM	1	25	19.05	19.33	18.95	19.05		
10	256QAM	1	49	18.89	19.30	18.87	19.04		
10	256QAM	25	0	19.02	19.26	19.10	18.92	20	3.5
10	256QAM	25	12	19.16	19.31	19.14	18.90		
10	256QAM	25	25	19.15	19.35	18.91	19.14		
10	256QAM	50	0	19.03	19.32	18.88	18.99		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.28	22.49	22.20	22.17	23.5	0
5	QPSK	1	12	22.12	22.35	22.03	22.08		
5	QPSK	1	24	22.09	22.37	22.05	22.04		
5	QPSK	12	0	22.09	22.46	22.06	22.16	23.5	0
5	QPSK	12	7	22.19	22.45	22.05	22.01		
5	QPSK	12	13	22.14	22.42	22.10	22.05		
5	QPSK	25	0	22.18	22.42	22.13	22.12		
5	16QAM	1	0	22.14	22.45	22.12	22.01	23.5	0
5	16QAM	1	12	22.13	22.29	22.10	22.07		
5	16QAM	1	24	22.07	22.34	22.14	22.14		
5	16QAM	12	0	21.88	22.26	21.93	21.86	23	0.5
5	16QAM	12	7	22.01	22.20	21.84	21.96		
5	16QAM	12	13	22.08	22.15	21.85	22.01		
5	16QAM	25	0	22.18	22.24	21.90	21.88		
5	64QAM	1	0	21.97	22.12	22.01	22.09	23	0.5
5	64QAM	1	12	22.02	22.25	21.97	21.83		
5	64QAM	1	24	21.91	22.26	21.94	21.88		
5	64QAM	12	0	21.09	21.31	21.06	21.05	22	1.5
5	64QAM	12	7	21.19	21.39	20.92	21.07		
5	64QAM	12	13	21.04	21.40	21.01	21.09		
5	64QAM	25	0	21.06	21.30	21.07	20.88		
5	256QAM	1	0	18.90	19.15	19.01	18.92	20	3.5
5	256QAM	1	12	18.97	19.30	18.94	18.85		
5	256QAM	1	24	18.83	19.25	18.92	19.10		
5	256QAM	12	0	19.14	19.45	19.03	18.96	20	3.5
5	256QAM	12	7	19.19	19.44	19.11	19.13		
5	256QAM	12	13	19.15	19.32	19.01	18.95		
5	256QAM	25	0	19.07	19.20	18.88	19.08		

Reduced Power Mode for DSI 6

GSM850	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	30.78	30.79	31.02	32.50	21.78	21.79	22.02	23.50
GPRS 1 Tx slot	30.84	30.88	31.13	32.50	21.84	21.88	22.13	23.50
GPRS 2 Tx slots	28.42	28.44	28.46	29.50	22.42	22.44	22.46	23.50
GPRS 3 Tx slots	26.74	26.82	26.96	27.50	22.48	22.56	22.70	23.24
GPRS 4 Tx slots	25.25	25.17	25.45	26.50	22.25	22.17	22.45	23.50
EDGE 1 Tx slot	24.47	24.51	24.44	25.50	15.47	15.51	15.44	16.50
EDGE 2 Tx slots	23.13	23.35	23.31	24.50	17.13	17.35	17.31	18.50
EDGE 3 Tx slots	21.31	21.77	21.78	23.00	17.05	17.51	17.52	18.74
EDGE 4 Tx slots	19.79	19.74	19.72	21.00	16.79	16.74	16.72	18.00

GSM1900	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	27.82	27.91	27.86	29.00	18.82	18.91	18.86	20.00
GPRS 1 Tx slot	27.94	28.06	27.91	29.00	18.94	19.06	18.91	20.00
GPRS 2 Tx slots	25.55	25.41	25.34	26.50	19.55	19.41	19.34	20.50
GPRS 3 Tx slots	23.58	23.63	23.71	24.50	19.32	19.37	19.45	20.24
GPRS 4 Tx slots	21.56	21.85	21.42	23.00	18.56	18.85	18.42	20.00
EDGE 1 Tx slot	23.29	23.37	23.35	24.50	14.29	14.37	14.35	15.50
EDGE 2 Tx slots	22.42	22.19	22.30	23.50	16.42	16.19	16.30	17.50
EDGE 3 Tx slots	20.49	20.87	20.80	22.00	16.23	16.61	16.54	17.74
EDGE 4 Tx slots	18.56	18.84	18.85	20.00	15.56	15.84	15.85	17.00

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.51	19.59	19.75	21.00	21.70	21.71	21.78	22.80	22.90	22.96	22.86	24.00
3GPP Rel 99	RMC 12.2Kbps	19.67	19.80	19.77	21.00	21.82	21.91	21.89	22.80	23.01	23.03	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	18.58	18.74	18.85	20.00	20.79	20.97	20.88	21.80	22.00	21.88	21.94	23.00
3GPP Rel 6	HSDPA Subtest-2	18.72	18.75	18.77	20.00	20.81	20.81	20.90	21.80	22.06	22.09	22.04	23.00
3GPP Rel 6	HSDPA Subtest-3	18.06	18.27	18.17	19.50	20.23	20.32	20.40	21.30	21.48	21.47	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	18.06	18.33	18.22	19.50	20.21	20.31	20.40	21.30	21.62	21.62	21.60	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.72	18.75	18.77	20.00	20.73	21.03	20.79	21.80	21.90	22.11	22.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.62	18.81	18.65	20.00	20.93	20.80	20.95	21.80	22.02	21.94	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.28	18.34	18.35	19.50	20.43	20.38	20.39	21.30	21.48	21.39	21.42	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.23	18.37	18.23	19.50	20.28	20.37	20.41	21.30	21.46	21.39	21.46	22.50
3GPP Rel 6	HSUPA Subtest-1	18.65	18.79	18.84	20.00	20.84	20.96	20.87	21.80	21.95	21.97	21.86	23.00
3GPP Rel 6	HSUPA Subtest-2	16.58	16.75	16.87	18.00	18.84	18.83	18.94	19.80	20.15	20.16	20.11	21.00
3GPP Rel 6	HSUPA Subtest-3	17.76	17.75	17.79	19.00	19.77	19.86	19.97	20.80	21.14	21.02	20.97	22.00
3GPP Rel 6	HSUPA Subtest-4	16.62	16.75	16.79	18.00	18.77	18.88	18.94	19.80	20.14	20.14	19.95	21.00
3GPP Rel 6	HSUPA Subtest-5	18.76	18.90	18.84	20.00	20.84	20.83	20.90	21.80	22.00	21.91	21.99	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.11	16.21	16.29	17.50	18.38	18.50	18.30	19.30	19.53	19.43	19.36	20.50

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.29	20.36	20.30	21.3	0
20	QPSK	1	49	20.21	20.26	20.33		
20	QPSK	1	99	20.21	20.27	20.22		
20	QPSK	50	0	20.22	20.34	20.31	21.3	0
20	QPSK	50	24	20.31	20.19	20.30		
20	QPSK	50	50	20.32	20.33	20.26		
20	QPSK	100	0	20.23	20.32	20.29		
20	16QAM	1	0	20.29	20.30	20.30	21.3	0
20	16QAM	1	49	20.32	20.23	20.33		
20	16QAM	1	99	20.19	20.27	20.29		
20	16QAM	50	0	20.24	20.30	20.29	21.3	0
20	16QAM	50	24	20.22	20.25	20.29		
20	16QAM	50	50	20.32	20.22	20.27		
20	16QAM	100	0	20.28	20.22	20.31		
20	64QAM	1	0	20.33	20.20	20.26	21.3	0
20	64QAM	1	49	20.31	20.24	20.22		
20	64QAM	1	99	20.28	20.33	20.22		
20	64QAM	50	0	20.19	20.29	20.32	21.3	0
20	64QAM	50	24	20.25	20.33	20.22		
20	64QAM	50	50	20.30	20.19	20.26		
20	64QAM	100	0	20.19	20.34	20.26		
20	256QAM	1	0	18.40	18.36	18.44	19.3	2
20	256QAM	1	49	18.34	18.32	18.30		
20	256QAM	1	99	18.32	18.35	18.41		
20	256QAM	50	0	18.39	18.44	18.32	19.3	2
20	256QAM	50	24	18.44	18.37	18.43		
20	256QAM	50	50	18.29	18.41	18.38		
20	256QAM	100	0	18.42	18.43	18.32		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.20	20.32	20.13	21.3	0
15	QPSK	1	37	20.17	20.24	20.27		
15	QPSK	1	74	20.10	20.22	20.20		
15	QPSK	36	0	20.09	20.31	20.21	21.3	0
15	QPSK	36	20	20.20	20.13	20.25		
15	QPSK	36	39	20.22	20.16	20.12		
15	QPSK	75	0	20.10	20.29	20.20		
15	16QAM	1	0	20.26	20.26	20.16	21.3	0
15	16QAM	1	37	20.20	20.09	20.29		
15	16QAM	1	74	20.02	20.24	20.17		
15	16QAM	36	0	20.21	20.18	20.18	21.3	0
15	16QAM	36	20	20.15	20.21	20.14		
15	16QAM	36	39	20.16	20.17	20.13		
15	16QAM	75	0	20.14	20.17	20.16		
15	64QAM	1	0	20.28	20.09	20.09	21.3	0
15	64QAM	1	37	20.24	20.08	20.17		
15	64QAM	1	74	20.19	20.26	20.16		
15	64QAM	36	0	20.12	20.20	20.20	21.3	0
15	64QAM	36	20	20.21	20.20	20.08		
15	64QAM	36	39	20.13	20.07	20.10		
15	64QAM	75	0	20.10	20.21	20.11		
15	256QAM	1	0	18.26	18.19	18.40	19.3	2
15	256QAM	1	37	18.17	18.27	18.15		
15	256QAM	1	74	18.24	18.26	18.34		
15	256QAM	36	0	18.24	18.41	18.24	19.3	2
15	256QAM	36	20	18.32	18.31	18.41		
15	256QAM	36	39	18.12	18.24	18.24		
15	256QAM	75	0	18.32	18.36	18.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.24	20.33	20.14	21.3	0
10	QPSK	1	25	20.13	20.09	20.29		
10	QPSK	1	49	20.07	20.17	20.06		
10	QPSK	25	0	20.11	20.28	20.15	21.3	0
10	QPSK	25	12	20.26	20.02	20.16		
10	QPSK	25	25	20.25	20.21	20.13		
10	QPSK	50	0	20.10	20.26	20.15		
10	16QAM	1	0	20.16	20.21	20.25	21.3	0
10	16QAM	1	25	20.25	20.14	20.20		
10	16QAM	1	49	20.08	20.13	20.15		
10	16QAM	25	0	20.09	20.17	20.26	21.3	0
10	16QAM	25	12	20.10	20.22	20.24		
10	16QAM	25	25	20.25	20.07	20.17		
10	16QAM	50	0	20.16	20.15	20.27		
10	64QAM	1	0	20.21	20.12	20.21	21.3	0
10	64QAM	1	25	20.17	20.06	20.14		
10	64QAM	1	49	20.24	20.20	20.16		
10	64QAM	25	0	20.06	20.24	20.27	21.3	0
10	64QAM	25	12	20.21	20.20	20.16		
10	64QAM	25	25	20.13	20.11	20.19		
10	64QAM	50	0	20.03	20.18	20.24		
10	256QAM	1	0	18.35	18.29	18.41	19.3	2
10	256QAM	1	25	18.23	18.16	18.13		
10	256QAM	1	49	18.19	18.33	18.35		
10	256QAM	25	0	18.24	18.28	18.19	19.3	2
10	256QAM	25	12	18.29	18.25	18.26		
10	256QAM	25	25	18.21	18.34	18.27		
10	256QAM	50	0	18.32	18.34	18.27		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.17	20.32	20.28	21.3	0
5	QPSK	1	12	20.05	20.18	20.18		
5	QPSK	1	24	20.16	20.19	20.20		
5	QPSK	12	0	20.15	20.22	20.26	21.3	0
5	QPSK	12	7	20.28	20.04	20.28		
5	QPSK	12	13	20.23	20.19	20.09		
5	QPSK	25	0	20.20	20.21	20.15		
5	16QAM	1	0	20.27	20.13	20.20	21.3	0
5	16QAM	1	12	20.25	20.12	20.15		
5	16QAM	1	24	20.12	20.11	20.25		
5	16QAM	12	0	20.06	20.17	20.21	21.3	0
5	16QAM	12	7	20.05	20.18	20.27		
5	16QAM	12	13	20.15	20.12	20.24		
5	16QAM	25	0	20.20	20.05	20.17		
5	64QAM	1	0	20.30	20.08	20.10	21.3	0
5	64QAM	1	12	20.24	20.18	20.19		
5	64QAM	1	24	20.21	20.29	20.13		
5	64QAM	12	0	20.08	20.24	20.21	21.3	0
5	64QAM	12	7	20.15	20.27	20.08		
5	64QAM	12	13	20.17	20.15	20.09		
5	64QAM	25	0	20.10	20.19	20.21		
5	256QAM	1	0	18.27	18.21	18.36	19.3	2
5	256QAM	1	12	18.23	18.17	18.26		
5	256QAM	1	24	18.24	18.27	18.28		
5	256QAM	12	0	18.35	18.28	18.15	19.3	2
5	256QAM	12	7	18.41	18.27	18.26		
5	256QAM	12	13	18.17	18.34	18.29		
5	256QAM	25	0	18.37	18.34	18.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.20	20.31	20.21	21.3	0
3	QPSK	1	8	20.08	20.12	20.28		
3	QPSK	1	14	20.16	20.15	20.10		
3	QPSK	8	0	20.14	20.28	20.18	21.3	0
3	QPSK	8	4	20.28	20.16	20.19		
3	QPSK	8	7	20.27	20.25	20.15		
3	QPSK	15	0	20.11	20.21	20.21		
3	16QAM	1	0	20.12	20.21	20.13	21.3	0
3	16QAM	1	8	20.29	20.06	20.27		
3	16QAM	1	14	20.12	20.13	20.11		
3	16QAM	8	0	20.18	20.26	20.21	21.3	0
3	16QAM	8	4	20.05	20.21	20.24		
3	16QAM	8	7	20.27	20.16	20.22		
3	16QAM	15	0	20.20	20.16	20.22		
3	64QAM	1	0	20.19	20.14	20.10	21.3	0
3	64QAM	1	8	20.19	20.10	20.04		
3	64QAM	1	14	20.17	20.27	20.07		
3	64QAM	8	0	20.16	20.24	20.21	21.3	0
3	64QAM	8	4	20.15	20.24	20.13		
3	64QAM	8	7	20.14	20.08	20.18		
3	64QAM	15	0	20.12	20.23	20.13		
3	256QAM	1	0	18.36	18.33	18.32	19.3	2
3	256QAM	1	8	18.19	18.20	18.17		
3	256QAM	1	14	18.20	18.17	18.35		
3	256QAM	8	0	18.32	18.28	18.15	19.3	2
3	256QAM	8	4	18.28	18.33	18.28		
3	256QAM	8	7	18.26	18.39	18.36		
3	256QAM	15	0	18.37	18.34	18.20		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.22	20.31	20.27	21.3	0
1.4	QPSK	1	3	20.13	20.23	20.20		
1.4	QPSK	1	5	20.15	20.25	20.05		
1.4	QPSK	3	0	20.07	20.25	20.26		
1.4	QPSK	3	1	20.23	20.07	20.22		
1.4	QPSK	3	3	20.23	20.15	20.20		
1.4	QPSK	6	0	20.07	20.18	20.27	21.3	0
1.4	16QAM	1	0	20.13	20.26	20.22	21.3	0
1.4	16QAM	1	3	20.15	20.11	20.27		
1.4	16QAM	1	5	20.05	20.15	20.12		
1.4	16QAM	3	0	20.17	20.17	20.26		
1.4	16QAM	3	1	20.15	20.22	20.14		
1.4	16QAM	3	3	20.25	20.08	20.11		
1.4	16QAM	6	0	20.25	20.08	20.28	21.3	0
1.4	64QAM	1	0	20.26	20.16	20.09	21.3	0
1.4	64QAM	1	3	20.28	20.07	20.09		
1.4	64QAM	1	5	20.23	20.28	20.16		
1.4	64QAM	3	0	20.15	20.13	20.19		
1.4	64QAM	3	1	20.13	20.24	20.15		
1.4	64QAM	3	3	20.26	20.04	20.13		
1.4	64QAM	6	0	20.09	20.18	20.22	21.3	0
1.4	256QAM	1	0	18.24	18.22	18.31	19.3	2
1.4	256QAM	1	3	18.21	18.25	18.26		
1.4	256QAM	1	5	18.19	18.18	18.30		
1.4	256QAM	3	0	18.23	18.30	18.19		
1.4	256QAM	3	1	18.30	18.22	18.27		
1.4	256QAM	3	3	18.14	18.31	18.33		
1.4	256QAM	6	0	18.37	18.38	18.16	19.3	2

Band 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.53	20.67	20.47	22	0
20	QPSK	1	49	20.56	20.55	20.52		
20	QPSK	1	99	20.50	20.62	20.56		
20	QPSK	50	0	20.61	20.63	20.56	22	0
20	QPSK	50	24	20.51	20.58	20.61		
20	QPSK	50	50	20.53	20.50	20.56		
20	QPSK	100	0	20.55	20.62	20.57		
20	16QAM	1	0	20.49	20.48	20.63	22	0
20	16QAM	1	49	20.55	20.59	20.51		
20	16QAM	1	99	20.52	20.48	20.52		
20	16QAM	50	0	20.61	20.55	20.56	22	0
20	16QAM	50	24	20.60	20.54	20.60		
20	16QAM	50	50	20.52	20.50	20.57		
20	16QAM	100	0	20.48	20.49	20.61		
20	64QAM	1	0	20.55	20.60	20.62	22	0
20	64QAM	1	49	20.53	20.54	20.48		
20	64QAM	1	99	20.58	20.53	20.57		
20	64QAM	50	0	20.63	20.59	20.60	22	0
20	64QAM	50	24	20.56	20.50	20.59		
20	64QAM	50	50	20.54	20.62	20.55		
20	64QAM	100	0	20.62	20.55	20.47		
20	256QAM	1	0	18.59	18.68	18.68	20	2
20	256QAM	1	49	18.61	18.61	18.68		
20	256QAM	1	99	18.71	18.67	18.63		
20	256QAM	50	0	18.69	18.68	18.65	20	2
20	256QAM	50	24	18.68	18.66	18.64		
20	256QAM	50	50	18.61	18.68	18.58		
20	256QAM	100	0	18.70	18.66	18.72		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.39	20.59	20.39	22	0
15	QPSK	1	37	20.52	20.49	20.46		
15	QPSK	1	74	20.38	20.44	20.41		
15	QPSK	36	0	20.57	20.52	20.39	22	0
15	QPSK	36	20	20.36	20.47	20.59		
15	QPSK	36	39	20.40	20.32	20.47		
15	QPSK	75	0	20.48	20.50	20.52		
15	16QAM	1	0	20.33	20.43	20.54	22	0
15	16QAM	1	37	20.40	20.53	20.46		
15	16QAM	1	74	20.44	20.31	20.49		
15	16QAM	36	0	20.47	20.48	20.48	22	0
15	16QAM	36	20	20.55	20.45	20.50		
15	16QAM	36	39	20.38	20.47	20.49		
15	16QAM	75	0	20.37	20.47	20.56		
15	64QAM	1	0	20.45	20.53	20.52	22	0
15	64QAM	1	37	20.51	20.37	20.38		
15	64QAM	1	74	20.47	20.47	20.50		
15	64QAM	36	0	20.57	20.47	20.51	22	0
15	64QAM	36	20	20.53	20.33	20.54		
15	64QAM	36	39	20.45	20.55	20.42		
15	64QAM	75	0	20.47	20.40	20.32		
15	256QAM	1	0	18.45	18.64	18.64	20	2
15	256QAM	1	37	18.49	18.56	18.61		
15	256QAM	1	74	18.66	18.51	18.56		
15	256QAM	36	0	18.62	18.58	18.54	20	2
15	256QAM	36	20	18.55	18.54	18.51		
15	256QAM	36	39	18.54	18.53	18.45		
15	256QAM	75	0	18.57	18.49	18.57		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.43	20.54	20.43	22	0
10	QPSK	1	25	20.43	20.52	20.44		
10	QPSK	1	49	20.45	20.45	20.52		
10	QPSK	25	0	20.58	20.60	20.50	22	0
10	QPSK	25	12	20.37	20.44	20.54		
10	QPSK	25	25	20.47	20.41	20.42		
10	QPSK	50	0	20.46	20.45	20.41		
10	16QAM	1	0	20.39	20.38	20.48	22	0
10	16QAM	1	25	20.44	20.44	20.42		
10	16QAM	1	49	20.41	20.34	20.47		
10	16QAM	25	0	20.44	20.47	20.46	22	0
10	16QAM	25	12	20.56	20.38	20.57		
10	16QAM	25	25	20.43	20.39	20.49		
10	16QAM	50	0	20.33	20.31	20.43		
10	64QAM	1	0	20.40	20.44	20.53	22	0
10	64QAM	1	25	20.39	20.48	20.32		
10	64QAM	1	49	20.50	20.49	20.39		
10	64QAM	25	0	20.56	20.51	20.51	22	0
10	64QAM	25	12	20.49	20.35	20.47		
10	64QAM	25	25	20.46	20.44	20.47		
10	64QAM	50	0	20.58	20.47	20.40		
10	256QAM	1	0	18.50	18.64	18.59	20	2
10	256QAM	1	25	18.59	18.52	18.63		
10	256QAM	1	49	18.64	18.65	18.56		
10	256QAM	25	0	18.67	18.50	18.62	20	2
10	256QAM	25	12	18.62	18.62	18.47		
10	256QAM	25	25	18.47	18.61	18.53		
10	256QAM	50	0	18.52	18.49	18.68		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.42	20.64	20.30	22	0
5	QPSK	1	12	20.51	20.40	20.50		
5	QPSK	1	24	20.34	20.58	20.48		
5	QPSK	12	0	20.51	20.52	20.52	22	0
5	QPSK	12	7	20.37	20.48	20.48		
5	QPSK	12	13	20.47	20.34	20.39		
5	QPSK	25	0	20.50	20.56	20.49		
5	16QAM	1	0	20.41	20.37	20.61	22	0
5	16QAM	1	12	20.49	20.47	20.39		
5	16QAM	1	24	20.37	20.35	20.44		
5	16QAM	12	0	20.44	20.41	20.47	22	0
5	16QAM	12	7	20.47	20.47	20.57		
5	16QAM	12	13	20.47	20.40	20.41		
5	16QAM	25	0	20.45	20.33	20.52		
5	64QAM	1	0	20.44	20.46	20.51	22	0
5	64QAM	1	12	20.36	20.37	20.38		
5	64QAM	1	24	20.54	20.49	20.48		
5	64QAM	12	0	20.49	20.46	20.45	22	0
5	64QAM	12	7	20.39	20.47	20.46		
5	64QAM	12	13	20.39	20.58	20.47		
5	64QAM	25	0	20.51	20.47	20.43		
5	256QAM	1	0	18.52	18.52	18.57	20	2
5	256QAM	1	12	18.47	18.50	18.63		
5	256QAM	1	24	18.56	18.54	18.52		
5	256QAM	12	0	18.62	18.54	18.57	20	2
5	256QAM	12	7	18.52	18.56	18.47		
5	256QAM	12	13	18.55	18.63	18.52		
5	256QAM	25	0	18.60	18.52	18.67		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.46	20.54	20.34	22	0
3	QPSK	1	8	20.43	20.49	20.39		
3	QPSK	1	14	20.43	20.49	20.41		
3	QPSK	8	0	20.57	20.57	20.53	22	0
3	QPSK	8	4	20.45	20.48	20.56		
3	QPSK	8	7	20.42	20.41	20.44		
3	QPSK	15	0	20.49	20.48	20.48		
3	16QAM	1	0	20.33	20.38	20.61	22	0
3	16QAM	1	8	20.41	20.51	20.36		
3	16QAM	1	14	20.45	20.46	20.40		
3	16QAM	8	0	20.56	20.49	20.44	22	0
3	16QAM	8	4	20.49	20.44	20.53		
3	16QAM	8	7	20.48	20.46	20.49		
3	16QAM	15	0	20.46	20.40	20.46		
3	64QAM	1	0	20.47	20.43	20.49	22	0
3	64QAM	1	8	20.40	20.50	20.41		
3	64QAM	1	14	20.42	20.47	20.53		
3	64QAM	8	0	20.52	20.52	20.58	22	0
3	64QAM	8	4	20.51	20.45	20.52		
3	64QAM	8	7	20.41	20.46	20.41		
3	64QAM	15	0	20.57	20.48	20.33		
3	256QAM	1	0	18.50	18.59	18.57	20	2
3	256QAM	1	8	18.48	18.48	18.52		
3	256QAM	1	14	18.64	18.52	18.49		
3	256QAM	8	0	18.58	18.53	18.56	20	2
3	256QAM	8	4	18.63	18.53	18.59		
3	256QAM	8	7	18.57	18.58	18.52		
3	256QAM	15	0	18.56	18.55	18.66		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.36	20.61	20.34	22	0
1.4	QPSK	1	3	20.44	20.49	20.36		
1.4	QPSK	1	5	20.42	20.49	20.40		
1.4	QPSK	3	0	20.45	20.57	20.53		
1.4	QPSK	3	1	20.42	20.42	20.57		
1.4	QPSK	3	3	20.35	20.44	20.41		
1.4	QPSK	6	0	20.46	20.46	20.54	22	0
1.4	16QAM	1	0	20.47	20.46	20.45	22	0
1.4	16QAM	1	3	20.42	20.52	20.47		
1.4	16QAM	1	5	20.41	20.35	20.49		
1.4	16QAM	3	0	20.46	20.46	20.42		
1.4	16QAM	3	1	20.46	20.40	20.57		
1.4	16QAM	3	3	20.37	20.37	20.54		
1.4	16QAM	6	0	20.43	20.34	20.54	22	0
1.4	64QAM	1	0	20.50	20.49	20.46	22	0
1.4	64QAM	1	3	20.47	20.38	20.42		
1.4	64QAM	1	5	20.54	20.50	20.51		
1.4	64QAM	3	0	20.60	20.53	20.55		
1.4	64QAM	3	1	20.39	20.39	20.48		
1.4	64QAM	3	3	20.47	20.44	20.50		
1.4	64QAM	6	0	20.58	20.37	20.41	22	0
1.4	256QAM	1	0	18.44	18.57	18.63	20	2
1.4	256QAM	1	3	18.47	18.56	18.56		
1.4	256QAM	1	5	18.57	18.63	18.56		
1.4	256QAM	3	0	18.56	18.57	18.56		
1.4	256QAM	3	1	18.52	18.52	18.53		
1.4	256QAM	3	3	18.56	18.55	18.46		
1.4	256QAM	6	0	18.66	18.57	18.68	20	2

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.76	22.85	22.61	24	0
10	QPSK	1	25	22.59	22.72	22.55		
10	QPSK	1	49	22.71	22.73	22.53		
10	QPSK	25	0	22.62	22.78	22.48	24	0
10	QPSK	25	12	22.70	22.77	22.48		
10	QPSK	25	25	22.66	22.68	22.44		
10	QPSK	50	0	22.66	22.70	22.43		
10	16QAM	1	0	22.60	22.82	22.56	24	0
10	16QAM	1	25	22.61	22.67	22.53		
10	16QAM	1	49	22.67	22.73	22.50		
10	16QAM	25	0	21.73	21.92	21.60	23	1
10	16QAM	25	12	21.82	21.83	21.61		
10	16QAM	25	25	21.80	21.87	21.57		
10	16QAM	50	0	21.76	21.84	21.62		
10	64QAM	1	0	21.72	21.87	21.62	23	1
10	64QAM	1	25	21.82	21.92	21.63		
10	64QAM	1	49	21.82	21.91	21.68		
10	64QAM	25	0	20.69	20.78	20.68	22	2
10	64QAM	25	12	20.80	20.86	20.60		
10	64QAM	25	25	20.74	20.88	20.56		
10	64QAM	50	0	20.69	20.92	20.58		
10	256QAM	1	0	18.74	18.82	18.62	20	4
10	256QAM	1	25	18.77	18.86	18.63		
10	256QAM	1	49	18.70	18.83	18.55		
10	256QAM	25	0	18.77	18.84	18.55	20	4
10	256QAM	25	12	18.72	18.82	18.64		
10	256QAM	25	25	18.78	18.79	18.62		
10	256QAM	50	0	18.68	18.78	18.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.60	22.82	22.45	24	0
5	QPSK	1	12	22.45	22.60	22.43		
5	QPSK	1	24	22.56	22.67	22.46		
5	QPSK	12	0	22.53	22.67	22.33	24	0
5	QPSK	12	7	22.61	22.73	22.42		
5	QPSK	12	13	22.49	22.62	22.36		
5	QPSK	25	0	22.63	22.67	22.38		
5	16QAM	1	0	22.49	22.64	22.39	24	0
5	16QAM	1	12	22.53	22.52	22.45		
5	16QAM	1	24	22.56	22.59	22.41		
5	16QAM	12	0	21.56	21.82	21.50	23	1
5	16QAM	12	7	21.70	21.76	21.54		
5	16QAM	12	13	21.74	21.75	21.46		
5	16QAM	25	0	21.73	21.81	21.53		
5	64QAM	1	0	21.59	21.79	21.53	23	1
5	64QAM	1	12	21.69	21.75	21.46		
5	64QAM	1	24	21.73	21.88	21.57		
5	64QAM	12	0	20.59	20.63	20.53	22	2
5	64QAM	12	7	20.73	20.70	20.54		
5	64QAM	12	13	20.60	20.73	20.46		
5	64QAM	25	0	20.55	20.83	20.51		
5	256QAM	1	0	18.72	18.76	18.59	20	4
5	256QAM	1	12	18.68	18.76	18.49		
5	256QAM	1	24	18.67	18.69	18.49		
5	256QAM	12	0	18.71	18.66	18.44	20	4
5	256QAM	12	7	18.61	18.68	18.61		
5	256QAM	12	13	18.62	18.71	18.53		
5	256QAM	25	0	18.52	18.61	18.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.59	22.72	22.45	24	0
3	QPSK	1	8	22.51	22.63	22.43		
3	QPSK	1	14	22.59	22.60	22.40		
3	QPSK	8	0	22.56	22.64	22.40	24	0
3	QPSK	8	4	22.52	22.73	22.42		
3	QPSK	8	7	22.57	22.61	22.38		
3	QPSK	15	0	22.59	22.52	22.35		
3	16QAM	1	0	22.57	22.78	22.40	24	0
3	16QAM	1	8	22.52	22.59	22.40		
3	16QAM	1	14	22.52	22.65	22.37		
3	16QAM	8	0	21.65	21.79	21.45	23	1
3	16QAM	8	4	21.77	21.71	21.49		
3	16QAM	8	7	21.73	21.79	21.44		
3	16QAM	15	0	21.64	21.74	21.48		
3	64QAM	1	0	21.66	21.72	21.57	23	1
3	64QAM	1	8	21.68	21.79	21.53		
3	64QAM	1	14	21.78	21.81	21.61		
3	64QAM	8	0	20.58	20.66	20.59	22	2
3	64QAM	8	4	20.78	20.78	20.46		
3	64QAM	8	7	20.70	20.85	20.52		
3	64QAM	15	0	20.54	20.86	20.56		
3	256QAM	1	0	18.69	18.71	18.45	20	4
3	256QAM	1	8	18.60	18.76	18.56		
3	256QAM	1	14	18.55	18.70	18.49		
3	256QAM	8	0	18.61	18.76	18.52	20	4
3	256QAM	8	4	18.59	18.70	18.58		
3	256QAM	8	7	18.61	18.74	18.45		
3	256QAM	15	0	18.56	18.76	18.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.76	22.53	24	0
1.4	QPSK	1	3	22.66	22.71	22.58		
1.4	QPSK	1	5	22.60	22.79	22.43		
1.4	QPSK	3	0	22.74	22.82	22.43		
1.4	QPSK	3	1	22.60	22.78	22.51		
1.4	QPSK	3	3	22.71	22.68	22.48		
1.4	QPSK	6	0	22.60	22.76	22.59	24	0
1.4	16QAM	1	0	22.73	22.73	22.44	24	0
1.4	16QAM	1	3	22.70	22.71	22.51		
1.4	16QAM	1	5	22.59	22.68	22.47		
1.4	16QAM	3	0	22.67	22.70	22.48		
1.4	16QAM	3	1	22.67	22.76	22.53		
1.4	16QAM	3	3	22.71	22.75	22.46		
1.4	16QAM	6	0	21.79	21.83	21.59	23	1
1.4	64QAM	1	0	21.72	21.70	21.74	23	1
1.4	64QAM	1	3	21.73	21.83	21.62		
1.4	64QAM	1	5	21.63	21.78	21.50		
1.4	64QAM	3	0	21.65	21.71	21.71		
1.4	64QAM	3	1	21.82	21.88	21.51		
1.4	64QAM	3	3	21.76	21.82	21.52		
1.4	64QAM	6	0	20.81	20.95	20.51	22	2
1.4	256QAM	1	0	18.65	18.73	18.55	20	4
1.4	256QAM	1	3	18.62	18.96	18.64		
1.4	256QAM	1	5	18.61	18.91	18.62		
1.4	256QAM	3	0	18.64	18.85	18.66		
1.4	256QAM	3	1	18.68	18.98	18.74		
1.4	256QAM	3	3	18.91	18.75	18.68		
1.4	256QAM	6	0	18.81	18.92	18.60	20	4

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.06	23.10	23.07	24	0
10	QPSK	1	25	22.95	23.05	22.95		
10	QPSK	1	49	22.95	23.01	22.95		
10	QPSK	25	0	22.97	23.06	22.97	24	0
10	QPSK	25	12	22.98	22.98	22.97		
10	QPSK	25	25	23.00	23.03	22.99		
10	QPSK	50	0	22.94	23.00	22.99		
10	16QAM	1	0	23.01	23.00	23.00	24	0
10	16QAM	1	25	22.92	23.03	22.95		
10	16QAM	1	49	22.98	23.00	22.97		
10	16QAM	25	0	21.93	22.02	21.92	23	1
10	16QAM	25	12	22.05	22.19	22.18		
10	16QAM	25	25	22.07	22.07	22.18		
10	16QAM	50	0	22.14	21.99	22.06		
10	64QAM	1	0	22.12	22.21	22.14	23	1
10	64QAM	1	25	21.91	22.00	21.98		
10	64QAM	1	49	22.16	22.08	21.92		
10	64QAM	25	0	21.09	21.17	21.06	22	2
10	64QAM	25	12	20.92	20.97	21.01		
10	64QAM	25	25	21.11	21.02	21.21		
10	64QAM	50	0	21.20	21.14	21.21		
10	256QAM	1	0	18.93	19.03	18.94	20	4
10	256QAM	1	25	18.97	19.23	18.97		
10	256QAM	1	49	19.14	19.06	19.04		
10	256QAM	25	0	19.04	19.08	19.11	20	4
10	256QAM	25	12	19.11	18.99	19.05		
10	256QAM	25	25	19.02	19.11	19.06		
10	256QAM	50	0	19.03	19.04	19.18		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.99	23.02	22.91	24	0
5	QPSK	1	12	22.84	22.95	22.89		
5	QPSK	1	24	22.93	22.87	22.93		
5	QPSK	12	0	22.91	23.00	22.93	24	0
5	QPSK	12	7	22.93	22.92	22.91		
5	QPSK	12	13	22.95	22.98	22.86		
5	QPSK	25	0	22.86	22.94	22.89		
5	16QAM	1	0	22.87	22.87	22.87	24	0
5	16QAM	1	12	22.86	22.97	22.92		
5	16QAM	1	24	22.81	22.84	22.88		
5	16QAM	12	0	21.79	21.90	21.84	23	1
5	16QAM	12	7	21.88	22.11	22.15		
5	16QAM	12	13	21.95	22.02	22.01		
5	16QAM	25	0	22.11	21.89	21.99		
5	64QAM	1	0	21.98	22.15	21.98	23	1
5	64QAM	1	12	21.81	21.92	21.95		
5	64QAM	1	24	22.00	22.05	21.84		
5	64QAM	12	0	21.05	21.00	20.97	22	2
5	64QAM	12	7	20.85	20.83	20.89		
5	64QAM	12	13	20.96	20.93	21.17		
5	64QAM	25	0	21.18	21.03	21.16		
5	256QAM	1	0	18.83	19.00	18.78	20	4
5	256QAM	1	12	18.87	19.17	18.87		
5	256QAM	1	24	19.00	18.96	18.99		
5	256QAM	12	0	19.01	18.94	18.97	20	4
5	256QAM	12	7	19.01	18.88	18.94		
5	256QAM	12	13	19.00	18.94	18.95		
5	256QAM	25	0	18.96	18.89	19.14		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.90	22.96	23.03	24	0
3	QPSK	1	8	22.85	23.00	22.83		
3	QPSK	1	14	22.90	22.96	22.79		
3	QPSK	8	0	22.90	23.03	22.87	24	0
3	QPSK	8	4	22.95	22.83	22.92		
3	QPSK	8	7	22.91	22.92	22.87		
3	QPSK	15	0	22.91	22.88	22.94		
3	16QAM	1	0	22.90	22.85	22.84	24	0
3	16QAM	1	8	22.76	22.95	22.84		
3	16QAM	1	14	22.81	22.82	22.90		
3	16QAM	8	0	21.77	21.92	21.84	23	1
3	16QAM	8	4	22.00	22.12	22.04		
3	16QAM	8	7	21.99	21.94	22.12		
3	16QAM	15	0	21.97	21.87	22.02		
3	64QAM	1	0	22.00	22.11	21.98	23	1
3	64QAM	1	8	21.79	21.83	21.86		
3	64QAM	1	14	22.10	22.01	21.89		
3	64QAM	8	0	20.96	21.06	21.03	22	2
3	64QAM	8	4	20.75	20.84	20.94		
3	64QAM	8	7	21.08	20.93	21.14		
3	64QAM	15	0	21.07	21.00	21.14		
3	256QAM	1	0	18.81	18.91	18.86	20	4
3	256QAM	1	8	18.92	19.14	18.82		
3	256QAM	1	14	19.10	18.98	18.91		
3	256QAM	8	0	18.88	18.92	19.05	20	4
3	256QAM	8	4	19.01	18.95	18.90		
3	256QAM	8	7	18.95	19.03	19.03		
3	256QAM	15	0	18.89	18.99	19.11		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.96	22.99	23.02	24	0
1.4	QPSK	1	3	23.02	23.06	22.98		
1.4	QPSK	1	5	22.98	22.99	22.92		
1.4	QPSK	3	0	23.01	22.99	22.94		
1.4	QPSK	3	1	22.98	23.00	22.92		
1.4	QPSK	3	3	22.94	22.95	22.96		
1.4	QPSK	6	0	22.89	23.00	22.89	24	0
1.4	16QAM	1	0	22.94	22.92	23.02	24	0
1.4	16QAM	1	3	23.03	23.02	22.94		
1.4	16QAM	1	5	22.92	23.05	23.02		
1.4	16QAM	3	0	22.88	22.96	23.05		
1.4	16QAM	3	1	23.00	23.00	23.02		
1.4	16QAM	3	3	22.92	23.08	22.90		
1.4	16QAM	6	0	22.06	22.15	22.14	23	1
1.4	64QAM	1	0	22.08	22.07	21.99	23	1
1.4	64QAM	1	3	22.01	22.03	21.93		
1.4	64QAM	1	5	22.08	21.95	22.11		
1.4	64QAM	3	0	22.10	22.17	22.01		
1.4	64QAM	3	1	22.06	22.14	21.98		
1.4	64QAM	3	3	22.21	22.08	21.98		
1.4	64QAM	6	0	21.17	21.14	21.21	22	2
1.4	256QAM	1	0	18.93	19.17	19.12	20	4
1.4	256QAM	1	3	19.18	19.21	18.97		
1.4	256QAM	1	5	19.08	19.06	18.99		
1.4	256QAM	3	0	19.17	19.05	19.07		
1.4	256QAM	3	1	19.01	19.19	18.98		
1.4	256QAM	3	3	18.91	19.19	19.06		
1.4	256QAM	6	0	19.17	19.07	19.17	20	4

Band 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.10		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.99			
10	QPSK	25	0		23.08		24	0
10	QPSK	25	12		23.07			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.06			
10	16QAM	1	0		23.01		24	0
10	16QAM	1	25		22.94			
10	16QAM	1	49		22.98			
10	16QAM	25	0		22.98		23	1
10	16QAM	25	12		22.21			
10	16QAM	25	25		22.00			
10	16QAM	50	0		22.11			
10	64QAM	1	0		22.22		23	1
10	64QAM	1	25		22.15			
10	64QAM	1	49		21.97			
10	64QAM	25	0		21.14		22	2
10	64QAM	25	12		21.20			
10	64QAM	25	25		20.96			
10	64QAM	50	0		21.15			
10	256QAM	1	0		19.24		20	4
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.22			
10	256QAM	25	0		19.04		20	4
10	256QAM	25	12		19.14			
10	256QAM	25	25		18.97			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	23.00	23.01	24	0
5	QPSK	1	12	22.87	22.94	22.83		
5	QPSK	1	24	22.78	22.84	22.78		
5	QPSK	12	0	22.82	22.90	22.90	24	0
5	QPSK	12	7	22.89	23.04	22.85		
5	QPSK	12	13	22.82	22.81	22.88		
5	QPSK	25	0	22.89	23.01	22.87		
5	16QAM	1	0	22.77	22.90	22.81	24	0
5	16QAM	1	12	22.79	22.92	22.86		
5	16QAM	1	24	22.92	22.83	22.93		
5	16QAM	12	0	21.97	21.93	21.80	23	1
5	16QAM	12	7	21.87	22.12	22.01		
5	16QAM	12	13	22.09	21.93	21.79		
5	16QAM	25	0	21.97	22.03	21.84		
5	64QAM	1	0	21.97	22.16	21.92	23	1
5	64QAM	1	12	21.94	22.02	21.97		
5	64QAM	1	24	21.90	21.87	21.85		
5	64QAM	12	0	21.12	21.05	20.92	22	2
5	64QAM	12	7	21.99	21.12	20.97		
5	64QAM	12	13	20.88	20.87	20.82		
5	64QAM	25	0	21.03	21.07	20.91		
5	256QAM	1	0	18.81	19.16	18.97	20	4
5	256QAM	1	12	18.95	18.97	18.83		
5	256QAM	1	24	18.86	19.08	18.91		
5	256QAM	12	0	18.82	18.97	19.05	20	4
5	256QAM	12	7	18.90	19.11	19.02		
5	256QAM	12	13	19.02	18.79	18.98		
5	256QAM	25	0	18.98	19.03	18.84		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.93		24	0
10	QPSK	1	25		22.84			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.91		24	0
10	QPSK	25	12		22.77			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.89			
10	16QAM	1	0		22.78		24	0
10	16QAM	1	25		22.89			
10	16QAM	1	49		22.85			
10	16QAM	25	0		21.90		23	1
10	16QAM	25	12		22.00			
10	16QAM	25	25		21.93			
10	16QAM	50	0		21.99			
10	64QAM	1	0		21.92		23	1
10	64QAM	1	25		21.95			
10	64QAM	1	49		21.99			
10	64QAM	25	0		20.86		22	2
10	64QAM	25	12		20.94			
10	64QAM	25	25		20.99			
10	64QAM	50	0		21.00			
10	256QAM	1	0		18.90		20	4
10	256QAM	1	25		18.85			
10	256QAM	1	49		19.00			
10	256QAM	25	0		19.00		20	4
10	256QAM	25	12		18.79			
10	256QAM	25	25		19.03			
10	256QAM	50	0		19.08			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.66	22.90	22.82	24	0
5	QPSK	1	12	22.56	22.75	22.66		
5	QPSK	1	24	22.66	22.79	22.70		
5	QPSK	12	0	22.59	22.83	22.77	24	0
5	QPSK	12	7	22.60	22.74	22.78		
5	QPSK	12	13	22.76	22.84	22.69		
5	QPSK	25	0	22.53	22.83	22.70		
5	16QAM	1	0	22.65	22.66	22.53	24	0
5	16QAM	1	12	22.74	22.82	22.58		
5	16QAM	1	24	22.64	22.79	22.80		
5	16QAM	12	0	21.88	21.75	21.75	23	1
5	16QAM	12	7	21.87	21.86	21.78		
5	16QAM	12	13	21.89	21.87	21.90		
5	16QAM	25	0	21.78	21.96	21.79		
5	64QAM	1	0	21.83	21.84	21.74	23	1
5	64QAM	1	12	21.73	21.86	21.80		
5	64QAM	1	24	21.75	21.96	21.66		
5	64QAM	12	0	20.81	20.79	20.68	22	2
5	64QAM	12	7	20.80	20.81	20.75		
5	64QAM	12	13	20.79	20.93	20.76		
5	64QAM	25	0	20.81	20.85	20.78		
5	256QAM	1	0	18.67	18.78	18.61	20	4
5	256QAM	1	12	18.69	18.74	18.66		
5	256QAM	1	24	18.74	18.82	18.84		
5	256QAM	12	0	18.78	18.89	18.56	20	4
5	256QAM	12	7	18.68	18.69	18.90		
5	256QAM	12	13	18.76	18.95	18.95		
5	256QAM	25	0	18.85	18.95	18.87		

Band 17

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.08	23.09	23.02	24	0
10	QPSK	1	25	22.91	23.02	22.96		
10	QPSK	1	49	22.97	23.01	22.98		
10	QPSK	25	0	23.04	23.05	22.94	24	0
10	QPSK	25	12	23.02	22.99	22.87		
10	QPSK	25	25	23.03	23.01	22.85		
10	QPSK	50	0	22.93	23.02	22.90		
10	16QAM	1	0	23.03	23.00	23.00	24	0
10	16QAM	1	25	22.90	22.94	22.85		
10	16QAM	1	49	23.00	22.99	22.92		
10	16QAM	25	0	22.16	22.17	21.88	23	1
10	16QAM	25	12	21.99	22.14	22.17		
10	16QAM	25	25	21.96	22.06	22.06		
10	16QAM	50	0	22.03	22.06	21.99		
10	64QAM	1	0	22.23	22.20	22.17	23	1
10	64QAM	1	25	21.99	21.99	22.12		
10	64QAM	1	49	22.21	22.07	22.15		
10	64QAM	25	0	21.20	21.00	20.91	22	2
10	64QAM	25	12	21.08	21.04	21.06		
10	64QAM	25	25	21.08	20.96	21.15		
10	64QAM	50	0	21.20	21.06	20.90		
10	256QAM	1	0	19.01	19.16	19.09	20	4
10	256QAM	1	25	19.09	19.07	19.05		
10	256QAM	1	49	19.15	18.96	18.96		
10	256QAM	25	0	19.09	19.21	19.10	20	4
10	256QAM	25	12	19.19	19.16	18.99		
10	256QAM	25	25	18.98	19.16	19.02		
10	256QAM	50	0	18.96	19.02	19.13		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.92	22.98	22.91	24	0
5	QPSK	1	12	22.88	22.92	22.92		
5	QPSK	1	24	22.84	22.89	22.83		
5	QPSK	12	0	22.93	23.02	22.88	24	0
5	QPSK	12	7	22.90	22.93	22.84		
5	QPSK	12	13	22.91	22.87	22.79		
5	QPSK	25	0	22.80	22.86	22.88		
5	16QAM	1	0	22.94	22.97	22.86	24	0
5	16QAM	1	12	22.85	22.86	22.77		
5	16QAM	1	24	22.96	22.93	22.88		
5	16QAM	12	0	21.98	22.02	21.80	23	1
5	16QAM	12	7	21.90	22.11	22.06		
5	16QAM	12	13	21.81	21.89	22.03		
5	16QAM	25	0	21.96	22.02	21.86		
5	64QAM	1	0	22.07	22.08	22.06	23	1
5	64QAM	1	12	21.87	21.83	22.03		
5	64QAM	1	24	22.19	21.97	22.03		
5	64QAM	12	0	21.06	20.85	20.80	22	2
5	64QAM	12	7	21.01	20.88	20.95		
5	64QAM	12	13	21.01	20.87	21.05		
5	64QAM	25	0	21.07	20.88	20.75		
5	256QAM	1	0	18.96	19.05	19.06	20	4
5	256QAM	1	12	18.91	18.97	18.93		
5	256QAM	1	24	19.03	18.88	18.82		
5	256QAM	12	0	18.99	19.18	18.99	20	4
5	256QAM	12	7	19.15	19.02	18.84		
5	256QAM	12	13	18.89	19.11	18.87		
5	256QAM	25	0	18.80	18.85	19.01		

Band 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26550		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	20.34	20.40	20.18	21.3	0
20	QPSK	1	49	20.10	20.17	20.20		
20	QPSK	1	99	20.09	20.13	20.15		
20	QPSK	50	0	20.13	20.32	20.27	21.3	0
20	QPSK	50	24	20.28	20.09	20.18		
20	QPSK	50	50	20.20	20.20	20.14		
20	QPSK	100	0	20.13	20.30	20.17		
20	16QAM	1	0	20.18	20.26	20.28	21.3	0
20	16QAM	1	49	20.17	20.15	20.17		
20	16QAM	1	99	20.10	20.13	20.25		
20	16QAM	50	0	20.06	20.15	20.24	21.3	0
20	16QAM	50	24	20.16	20.09	20.11		
20	16QAM	50	50	20.22	20.09	20.14		
20	16QAM	100	0	20.23	20.07	20.23		
20	64QAM	1	0	20.24	20.17	20.10	21.3	0
20	64QAM	1	49	20.18	20.16	20.15		
20	64QAM	1	99	20.23	20.19	20.05		
20	64QAM	50	0	20.08	20.15	20.20	21.3	0
20	64QAM	50	24	20.21	20.25	20.10		
20	64QAM	50	50	20.24	20.14	20.17		
20	64QAM	100	0	20.12	20.31	20.14		
20	256QAM	1	0	18.27	18.30	18.28	19.3	2
20	256QAM	1	49	18.27	18.18	18.21		
20	256QAM	1	99	18.29	18.24	18.31		
20	256QAM	50	0	18.22	18.28	18.23	19.3	2
20	256QAM	50	24	18.29	18.23	18.27		
20	256QAM	50	50	18.16	18.25	18.35		
20	256QAM	100	0	18.39	18.34	18.21		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	20.12	20.34	20.12	21.3	0
15	QPSK	1	37	20.03	20.11	20.18		
15	QPSK	1	74	20.02	20.14	20.12		
15	QPSK	36	0	20.07	20.28	20.23	21.3	0
15	QPSK	36	20	20.22	20.03	20.11		
15	QPSK	36	39	20.16	20.17	20.09		
15	QPSK	75	0	20.07	20.16	20.12		
15	16QAM	1	0	20.15	20.19	20.23	21.3	0
15	16QAM	1	37	20.11	20.10	20.13		
15	16QAM	1	74	20.05	20.09	20.22		
15	16QAM	36	0	20.04	20.08	20.22	21.3	0
15	16QAM	36	20	20.11	20.06	20.08		
15	16QAM	36	39	20.18	20.06	20.11		
15	16QAM	75	0	20.19	20.04	20.19		
15	64QAM	1	0	20.21	20.10	20.06	21.3	0
15	64QAM	1	37	20.15	20.11	20.13		
15	64QAM	1	74	20.21	20.12	20.02		
15	64QAM	36	0	20.01	20.10	20.13	21.3	0
15	64QAM	36	20	20.16	20.19	20.03		
15	64QAM	36	39	20.16	20.10	20.15		
15	64QAM	75	0	20.09	20.25	20.10		
15	256QAM	1	0	18.21	18.23	18.21	19.3	2
15	256QAM	1	37	18.23	18.10	18.14		
15	256QAM	1	74	18.25	18.17	18.29		
15	256QAM	36	0	18.19	18.25	18.20	19.3	2
15	256QAM	36	20	18.22	18.26	18.21		
15	256QAM	36	39	18.10	18.24	18.32		
15	256QAM	75	0	18.32	18.28	18.17		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	20.07	20.37	20.15	21.3	0
10	QPSK	1	25	20.03	20.10	20.16		
10	QPSK	1	49	20.07	20.15	20.07		
10	QPSK	25	0	20.10	20.26	20.20	21.3	0
10	QPSK	25	12	20.22	20.03	20.12		
10	QPSK	25	25	20.12	20.17	20.07		
10	QPSK	50	0	20.08	20.14	20.13		
10	16QAM	1	0	20.16	20.20	20.23	21.3	0
10	16QAM	1	25	20.10	20.08	20.09		
10	16QAM	1	49	20.04	20.06	20.23		
10	16QAM	25	0	20.07	20.12	20.20	21.3	0
10	16QAM	25	12	20.13	20.03	20.07		
10	16QAM	25	25	20.19	20.02	20.09		
10	16QAM	50	0	20.16	20.02	20.20		
10	64QAM	1	0	20.17	20.13	20.03	21.3	0
10	64QAM	1	25	20.12	20.10	20.12		
10	64QAM	1	49	20.19	20.15	20.03		
10	64QAM	25	0	20.04	20.09	20.15	21.3	0
10	64QAM	25	12	20.16	20.19	20.05		
10	64QAM	25	25	20.18	20.08	20.11		
10	64QAM	50	0	20.05	20.24	20.10		
10	256QAM	1	0	18.22	18.26	18.25	19.3	2
10	256QAM	1	25	18.22	18.11	18.16		
10	256QAM	1	49	18.23	18.20	18.25		
10	256QAM	25	0	18.15	18.23	18.16	19.3	2
10	256QAM	25	12	18.23	18.17	18.24		
10	256QAM	25	25	18.13	18.25	18.31		
10	256QAM	50	0	18.36	18.27	18.14		
Channel				26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	20.11	20.35	20.15	21.3	0
5	QPSK	1	12	20.06	20.13	20.14		
5	QPSK	1	24	20.03	20.14	20.08		
5	QPSK	12	0	20.08	20.28	20.19	21.3	0
5	QPSK	12	7	20.23	20.05	20.16		
5	QPSK	12	13	20.13	20.12	20.07		
5	QPSK	25	0	20.05	20.15	20.14		
5	16QAM	1	0	20.13	20.19	20.25	21.3	0
5	16QAM	1	12	20.13	20.09	20.09		
5	16QAM	1	24	20.07	20.09	20.21		
5	16QAM	12	0	20.00	20.07	20.18	21.3	0
5	16QAM	12	7	20.13	20.03	20.03		
5	16QAM	12	13	20.15	20.06	20.08		
5	16QAM	25	0	20.20	20.01	20.18		
5	64QAM	1	0	20.16	20.13	20.02	21.3	0
5	64QAM	1	12	20.11	20.12	20.12		
5	64QAM	1	24	20.17	20.12	20.01		
5	64QAM	12	0	20.01	20.10	20.12	21.3	0
5	64QAM	12	7	20.19	20.20	20.04		
5	64QAM	12	13	20.19	20.12	20.10		
5	64QAM	25	0	20.06	20.29	20.06		
5	256QAM	1	0	18.20	18.23	18.23	19.3	2
5	256QAM	1	12	18.21	18.12	18.18		
5	256QAM	1	24	18.24	18.17	18.24		
5	256QAM	12	0	18.19	18.21	18.20	19.3	2
5	256QAM	12	7	18.22	18.19	18.24		
5	256QAM	12	13	18.09	18.23	18.31		
5	256QAM	25	0	18.32	18.28	18.14		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	20.12	20.36	20.13	21.3	0
3	QPSK	1	8	20.06	20.12	20.18		
3	QPSK	1	14	20.03	20.11	20.12		
3	QPSK	8	0	20.10	20.26	20.19	21.3	0
3	QPSK	8	4	20.24	20.02	20.13		
3	QPSK	8	7	20.12	20.13	20.09		
3	QPSK	15	0	20.08	20.14	20.15		
3	16QAM	1	0	20.12	20.23	20.20	21.3	0
3	16QAM	1	8	20.14	20.11	20.12		
3	16QAM	1	14	20.03	20.09	20.21		
3	16QAM	8	0	20.03	20.12	20.21	21.3	0
3	16QAM	8	4	20.10	20.05	20.08		
3	16QAM	8	7	20.18	20.04	20.06		
3	16QAM	15	0	20.19	20.02	20.18		
3	64QAM	1	0	20.18	20.13	20.06	21.3	0
3	64QAM	1	8	20.10	20.13	20.08		
3	64QAM	1	14	20.17	20.12	20.02		
3	64QAM	8	0	20.01	20.08	20.16	21.3	0
3	64QAM	8	4	20.16	20.22	20.05		
3	64QAM	8	7	20.20	20.11	20.14		
3	64QAM	15	0	20.04	20.25	20.10		
3	256QAM	1	0	18.22	18.24	18.23	19.3	2
3	256QAM	1	8	18.21	18.14	18.19		
3	256QAM	1	14	18.23	18.16	18.27		
3	256QAM	8	0	18.17	18.25	18.17	19.3	2
3	256QAM	8	4	18.22	18.18	18.20		
3	256QAM	8	7	18.09	18.25	18.28		
3	256QAM	15	0	18.36	18.28	18.19		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	20.06	20.32	20.14	21.3	0
1.4	QPSK	1	3	20.05	20.14	20.15		
1.4	QPSK	1	5	20.01	20.12	20.11		
1.4	QPSK	3	0	20.07	20.24	20.24		
1.4	QPSK	3	1	20.26	20.02	20.14		
1.4	QPSK	3	3	20.13	20.14	20.06		
1.4	QPSK	6	0	20.08	20.15	20.15	21.3	0
1.4	16QAM	1	0	20.11	20.23	20.22	21.3	0
1.4	16QAM	1	3	20.09	20.12	20.13		
1.4	16QAM	1	5	20.04	20.07	20.20		
1.4	16QAM	3	0	20.00	20.11	20.19		
1.4	16QAM	3	1	20.13	20.03	20.06		
1.4	16QAM	3	3	20.18	20.05	20.10		
1.4	16QAM	6	0	20.19	20.16	20.17	21.3	0
1.4	64QAM	1	0	20.22	20.09	20.07	21.3	0
1.4	64QAM	1	3	20.11	20.13	20.13		
1.4	64QAM	1	5	20.18	20.17	20.02		
1.4	64QAM	3	0	20.04	20.08	20.15		
1.4	64QAM	3	1	20.17	20.18	20.06		
1.4	64QAM	3	3	20.22	20.08	20.11		
1.4	64QAM	6	0	20.09	20.29	20.12	21.3	0
1.4	256QAM	1	0	18.22	18.25	18.20	19.3	2
1.4	256QAM	1	3	18.25	18.15	18.15		
1.4	256QAM	1	5	18.22	18.19	18.26		
1.4	256QAM	3	0	18.17	18.21	18.21		
1.4	256QAM	3	1	18.24	18.20	18.23		
1.4	256QAM	3	3	18.11	18.23	18.32		
1.4	256QAM	6	0	18.37	18.32	18.13	19.3	2

Band 26 for FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.94	22.75	24	0
15	QPSK	1	37	22.69	22.85	22.61		
15	QPSK	1	74	22.71	22.91	22.68		
15	QPSK	36	0	22.66	22.90	22.61	24	0
15	QPSK	36	20	22.58	22.82	22.60		
15	QPSK	36	39	22.68	22.84	22.61		
15	QPSK	75	0	22.63	22.87	22.68		
15	16QAM	1	0	22.62	22.78	22.58	24	0
15	16QAM	1	37	22.59	22.89	22.65		
15	16QAM	1	74	22.64	22.82	22.73		
15	16QAM	36	0	21.74	21.82	21.82	23	1
15	16QAM	36	20	21.64	22.00	21.66		
15	16QAM	36	39	21.65	22.00	21.65		
15	16QAM	75	0	21.70	22.09	21.83		
15	64QAM	1	0	21.65	21.91	21.67	23	1
15	64QAM	1	37	21.75	21.90	21.89		
15	64QAM	1	74	21.81	22.09	21.77		
15	64QAM	36	0	20.77	20.85	20.60	22	2
15	64QAM	36	20	20.61	20.80	20.85		
15	64QAM	36	39	20.67	20.93	20.86		
15	64QAM	75	0	20.90	21.09	20.67		
15	256QAM	1	0	18.83	18.97	18.78	20	4
15	256QAM	1	37	18.77	18.96	18.73		
15	256QAM	1	74	18.66	19.04	18.83		
15	256QAM	36	0	18.68	18.88	18.66	20	4
15	256QAM	36	20	18.90	19.06	18.63		
15	256QAM	36	39	18.61	19.09	18.61		
15	256QAM	75	0	18.82	19.00	18.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.59	22.87	22.60	24	0
10	QPSK	1	25	22.61	22.82	22.44		
10	QPSK	1	49	22.69	22.74	22.64		
10	QPSK	25	0	22.54	22.74	22.55	24	0
10	QPSK	25	12	22.55	22.80	22.43		
10	QPSK	25	25	22.53	22.72	22.55		
10	QPSK	50	0	22.57	22.79	22.65		
10	16QAM	1	0	22.60	22.62	22.46	24	0
10	16QAM	1	25	22.44	22.75	22.49		
10	16QAM	1	49	22.55	22.75	22.59		
10	16QAM	25	0	21.67	21.73	21.65	23	1
10	16QAM	25	12	21.51	21.96	21.60		
10	16QAM	25	25	21.48	21.97	21.51		
10	16QAM	50	0	21.66	22.07	21.81		
10	64QAM	1	0	21.60	21.78	21.61	23	1
10	64QAM	1	25	21.57	21.84	21.77		
10	64QAM	1	49	21.77	22.04	21.64		
10	64QAM	25	0	20.61	20.76	20.48	22	2
10	64QAM	25	12	20.49	20.72	20.72		
10	64QAM	25	25	20.64	20.82	20.69		
10	64QAM	50	0	20.81	20.93	20.56		
10	256QAM	1	0	18.76	18.92	18.69	20	4
10	256QAM	1	25	18.65	18.89	18.55		
10	256QAM	1	49	18.56	18.95	18.78		
10	256QAM	25	0	18.66	18.83	18.58	20	4
10	256QAM	25	12	18.85	18.93	18.52		
10	256QAM	25	25	18.53	18.92	18.56		
10	256QAM	50	0	18.69	18.92	18.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.91	22.63	24	0
5	QPSK	1	12	22.59	22.68	22.51		
5	QPSK	1	24	22.62	22.86	22.59		
5	QPSK	12	0	22.61	22.77	22.48	24	0
5	QPSK	12	7	22.43	22.76	22.47		
5	QPSK	12	13	22.64	22.68	22.52		
5	QPSK	25	0	22.56	22.73	22.64		
5	16QAM	1	0	22.48	22.67	22.56	24	0
5	16QAM	1	12	22.44	22.78	22.49		
5	16QAM	1	24	22.60	22.68	22.61		
5	16QAM	12	0	21.61	21.69	21.65	23	1
5	16QAM	12	7	21.49	21.94	21.58		
5	16QAM	12	13	21.49	21.83	21.59		
5	16QAM	25	0	21.53	21.92	21.72		
5	64QAM	1	0	21.60	21.85	21.61	23	1
5	64QAM	1	12	21.63	21.80	21.72		
5	64QAM	1	24	21.71	22.01	21.63		
5	64QAM	12	0	20.73	20.67	20.43	22	2
5	64QAM	12	7	20.56	20.74	20.78		
5	64QAM	12	13	20.54	20.89	20.80		
5	64QAM	25	0	20.79	20.96	20.56		
5	256QAM	1	0	18.68	18.87	18.72	20	4
5	256QAM	1	12	18.69	18.83	18.59		
5	256QAM	1	24	18.55	18.90	18.78		
5	256QAM	12	0	18.83	18.93	18.73	20	4
5	256QAM	12	7	18.74	18.87	18.87		
5	256QAM	12	13	18.70	18.99	18.90		
5	256QAM	25	0	18.67	18.98	18.58		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.73	22.88	22.72	24	0
3	QPSK	1	8	22.57	22.72	22.58		
3	QPSK	1	14	22.59	22.81	22.54		
3	QPSK	8	0	22.50	22.74	22.56	24	0
3	QPSK	8	4	22.43	22.73	22.54		
3	QPSK	8	7	22.63	22.77	22.44		
3	QPSK	15	0	22.58	22.81	22.58		
3	16QAM	1	0	22.56	22.66	22.46	24	0
3	16QAM	1	8	22.54	22.73	22.47		
3	16QAM	1	14	22.51	22.75	22.70		
3	16QAM	8	0	21.63	21.66	21.79	23	1
3	16QAM	8	4	21.54	21.86	21.62		
3	16QAM	8	7	21.54	21.82	21.58		
3	16QAM	15	0	21.54	21.95	21.69		
3	64QAM	1	0	21.58	21.74	21.57	23	1
3	64QAM	1	8	21.66	21.73	21.77		
3	64QAM	1	14	21.73	22.06	21.61		
3	64QAM	8	0	20.70	20.71	20.52	22	2
3	64QAM	8	4	20.47	20.64	20.79		
3	64QAM	8	7	20.50	20.83	20.80		
3	64QAM	15	0	20.85	21.03	20.60		
3	256QAM	1	0	18.70	18.90	18.64	20	4
3	256QAM	1	8	18.67	18.85	18.65		
3	256QAM	1	14	18.55	18.90	18.80		
3	256QAM	8	0	18.66	18.86	18.79	20	4
3	256QAM	8	4	18.67	19.00	18.75		
3	256QAM	8	7	18.68	18.89	18.62		
3	256QAM	15	0	18.70	18.91	18.60		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.79	22.70	24	0
1.4	QPSK	1	3	22.59	22.92	22.69		
1.4	QPSK	1	5	22.62	22.83	22.59		
1.4	QPSK	3	0	22.63	22.87	22.68		
1.4	QPSK	3	1	22.65	22.80	22.60		
1.4	QPSK	3	3	22.67	22.83	22.73		
1.4	QPSK	6	0	22.71	22.83	22.66	24	0
1.4	16QAM	1	0	22.73	22.86	22.72	24	0
1.4	16QAM	1	3	22.63	22.90	22.65		
1.4	16QAM	1	5	22.60	22.77	22.71		
1.4	16QAM	3	0	22.71	22.89	22.60		
1.4	16QAM	3	1	22.73	22.83	22.67		
1.4	16QAM	3	3	22.66	22.82	22.58		
1.4	16QAM	6	0	21.87	21.80	21.79	23	1
1.4	64QAM	1	0	21.87	21.86	21.66	23	1
1.4	64QAM	1	3	21.76	22.07	21.75		
1.4	64QAM	1	5	21.71	22.04	21.66		
1.4	64QAM	3	0	21.66	21.84	21.82		
1.4	64QAM	3	1	21.77	21.98	21.77		
1.4	64QAM	3	3	21.74	21.81	21.83		
1.4	64QAM	6	0	20.69	21.03	20.86	22	2
1.4	256QAM	1	0	18.68	18.84	18.68	20	4
1.4	256QAM	1	3	18.82	18.81	18.88		
1.4	256QAM	1	5	18.77	18.90	18.69		
1.4	256QAM	3	0	18.81	19.06	18.75		
1.4	256QAM	3	1	18.89	18.83	18.60		
1.4	256QAM	3	3	18.86	18.97	18.81		
1.4	256QAM	6	0	18.84	18.91	18.79	20	4

Band 66

BW [MHz]	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	20.41	20.76	20.67	22	0
20	QPSK	1	49	20.44	20.44	20.42		
20	QPSK	1	99	20.41	20.54	20.46		
20	QPSK	50	0	20.52	20.53	20.47	22	0
20	QPSK	50	24	20.41	20.47	20.51		
20	QPSK	50	50	20.42	20.42	20.44		
20	QPSK	100	0	20.46	20.55	20.49		
20	16QAM	1	0	20.41	20.39	20.50	22	0
20	16QAM	1	49	20.43	20.47	20.40		
20	16QAM	1	99	20.42	20.37	20.45		
20	16QAM	50	0	20.53	20.43	20.43	22	0
20	16QAM	50	24	20.50	20.41	20.50		
20	16QAM	50	50	20.41	20.41	20.49		
20	16QAM	100	0	20.39	20.39	20.53		
20	64QAM	1	0	20.48	20.52	20.52	22	0
20	64QAM	1	49	20.42	20.45	20.40		
20	64QAM	1	99	20.49	20.41	20.44		
20	64QAM	50	0	20.55	20.51	20.47	22	0
20	64QAM	50	24	20.43	20.39	20.49		
20	64QAM	50	50	20.44	20.51	20.47		
20	64QAM	100	0	20.53	20.43	20.39		
20	256QAM	1	0	18.47	18.61	18.58	20	2
20	256QAM	1	49	18.49	18.51	18.55		
20	256QAM	1	99	18.62	18.56	18.51		
20	256QAM	50	0	18.62	18.60	18.57	20	2
20	256QAM	50	24	18.61	18.56	18.51		
20	256QAM	50	50	18.49	18.60	18.46		
20	256QAM	100	0	18.58	18.56	18.60		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.30	20.47	20.27	22	0
15	QPSK	1	37	20.37	20.34	20.30		
15	QPSK	1	74	20.29	20.41	20.33		
15	QPSK	36	0	20.42	20.41	20.35	22	0
15	QPSK	36	20	20.29	20.37	20.42		
15	QPSK	36	39	20.33	20.30	20.35		
15	QPSK	75	0	20.35	20.47	20.39		
15	16QAM	1	0	20.31	20.28	20.39	22	0
15	16QAM	1	37	20.34	20.36	20.32		
15	16QAM	1	74	20.33	20.25	20.35		
15	16QAM	36	0	20.44	20.32	20.34	22	0
15	16QAM	36	20	20.37	20.30	20.42		
15	16QAM	36	39	20.34	20.32	20.41		
15	16QAM	75	0	20.27	20.28	20.42		
15	64QAM	1	0	20.38	20.39	20.42	22	0
15	64QAM	1	37	20.30	20.32	20.31		
15	64QAM	1	74	20.41	20.34	20.36		
15	64QAM	36	0	20.45	20.43	20.37	22	0
15	64QAM	36	20	20.36	20.28	20.40		
15	64QAM	36	39	20.32	20.43	20.40		
15	64QAM	75	0	20.40	20.33	20.29		
15	256QAM	1	0	18.35	18.54	18.51	20	2
15	256QAM	1	37	18.38	18.42	18.46		
15	256QAM	1	74	18.50	18.45	18.43		
15	256QAM	36	0	18.53	18.47	18.47	20	2
15	256QAM	36	20	18.50	18.44	18.42		
15	256QAM	36	39	18.40	18.53	18.38		
15	256QAM	75	0	18.48	18.45	18.52		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.29	20.43	20.28	22	0
10	QPSK	1	25	20.37	20.36	20.29		
10	QPSK	1	49	20.29	20.43	20.39		
10	QPSK	25	0	20.40	20.43	20.39	22	0
10	QPSK	25	12	20.31	20.35	20.42		
10	QPSK	25	25	20.33	20.29	20.34		
10	QPSK	50	0	20.34	20.42	20.38		
10	16QAM	1	0	20.28	20.32	20.40	22	0
10	16QAM	1	25	20.30	20.35	20.29		
10	16QAM	1	49	20.33	20.29	20.37		
10	16QAM	25	0	20.42	20.32	20.30	22	0
10	16QAM	25	12	20.38	20.28	20.40		
10	16QAM	25	25	20.31	20.33	20.41		
10	16QAM	50	0	20.30	20.26	20.46		
10	64QAM	1	0	20.36	20.42	20.44	22	0
10	64QAM	1	25	20.29	20.37	20.30		
10	64QAM	1	49	20.36	20.31	20.32		
10	64QAM	25	0	20.43	20.40	20.38	22	0
10	64QAM	25	12	20.32	20.29	20.42		
10	64QAM	25	25	20.34	20.42	20.39		
10	64QAM	50	0	20.44	20.36	20.31		
10	256QAM	1	0	18.39	18.51	18.46	20	2
10	256QAM	1	25	18.40	18.41	18.45		
10	256QAM	1	49	18.51	18.45	18.40		
10	256QAM	25	0	18.51	18.48	18.49	20	2
10	256QAM	25	12	18.52	18.46	18.42		
10	256QAM	25	25	18.37	18.51	18.36		
10	256QAM	50	0	18.45	18.45	18.52		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.28	20.45	20.24	22	0
5	QPSK	1	12	20.33	20.37	20.31		
5	QPSK	1	24	20.31	20.41	20.36		
5	QPSK	12	0	20.43	20.46	20.37	22	0
5	QPSK	12	7	20.33	20.34	20.39		
5	QPSK	12	13	20.30	20.30	20.33		
5	QPSK	25	0	20.33	20.46	20.37		
5	16QAM	1	0	20.32	20.30	20.43	22	0
5	16QAM	1	12	20.34	20.37	20.28		
5	16QAM	1	24	20.29	20.27	20.37		
5	16QAM	12	0	20.42	20.31	20.32	22	0
5	16QAM	12	7	20.43	20.31	20.41		
5	16QAM	12	13	20.29	20.31	20.38		
5	16QAM	25	0	20.29	20.29	20.42		
5	64QAM	1	0	20.38	20.40	20.42	22	0
5	64QAM	1	12	20.33	20.37	20.31		
5	64QAM	1	24	20.39	20.29	20.33		
5	64QAM	12	0	20.45	20.41	20.37	22	0
5	64QAM	12	7	20.36	20.27	20.41		
5	64QAM	12	13	20.33	20.41	20.38		
5	64QAM	25	0	20.41	20.33	20.30		
5	256QAM	1	0	18.35	18.50	18.50	20	2
5	256QAM	1	12	18.41	18.41	18.44		
5	256QAM	1	24	18.53	18.47	18.39		
5	256QAM	12	0	18.50	18.49	18.49	20	2
5	256QAM	12	7	18.49	18.47	18.40		
5	256QAM	12	13	18.38	18.52	18.34		
5	256QAM	25	0	18.49	18.45	18.52		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.34	20.47	20.24	22	0
3	QPSK	1	8	20.34	20.34	20.35		
3	QPSK	1	14	20.29	20.43	20.34		
3	QPSK	8	0	20.44	20.46	20.39	22	0
3	QPSK	8	4	20.32	20.39	20.40		
3	QPSK	8	7	20.29	20.34	20.36		
3	QPSK	15	0	20.37	20.48	20.38		
3	16QAM	1	0	20.31	20.32	20.42	22	0
3	16QAM	1	8	20.35	20.38	20.32		
3	16QAM	1	14	20.31	20.26	20.34		
3	16QAM	8	0	20.43	20.33	20.31	22	0
3	16QAM	8	4	20.40	20.33	20.38		
3	16QAM	8	7	20.29	20.32	20.40		
3	16QAM	15	0	20.28	20.27	20.42		
3	64QAM	1	0	20.39	20.41	20.43	22	0
3	64QAM	1	8	20.33	20.37	20.33		
3	64QAM	1	14	20.40	20.28	20.32		
3	64QAM	8	0	20.44	20.40	20.36	22	0
3	64QAM	8	4	20.34	20.29	20.42		
3	64QAM	8	7	20.33	20.40	20.34		
3	64QAM	15	0	20.41	20.34	20.27		
3	256QAM	1	0	18.34	18.48	18.48	20	2
3	256QAM	1	8	18.37	18.42	18.46		
3	256QAM	1	14	18.53	18.46	18.42		
3	256QAM	8	0	18.49	18.50	18.45	20	2
3	256QAM	8	4	18.49	18.46	18.39		
3	256QAM	8	7	18.40	18.51	18.36		
3	256QAM	15	0	18.51	18.46	18.47		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.30	20.46	20.26	22	0
1.4	QPSK	1	3	20.36	20.32	20.31		
1.4	QPSK	1	5	20.34	20.44	20.34		
1.4	QPSK	3	0	20.43	20.41	20.38		
1.4	QPSK	3	1	20.29	20.35	20.42		
1.4	QPSK	3	3	20.33	20.30	20.33		
1.4	QPSK	6	0	20.34	20.46	20.39	22	0
1.4	16QAM	1	0	20.29	20.31	20.40	22	0
1.4	16QAM	1	3	20.32	20.35	20.32		
1.4	16QAM	1	5	20.31	20.28	20.38		
1.4	16QAM	3	0	20.40	20.31	20.34		
1.4	16QAM	3	1	20.43	20.33	20.40		
1.4	16QAM	3	3	20.32	20.28	20.38		
1.4	16QAM	6	0	20.30	20.28	20.45	22	0
1.4	64QAM	1	0	20.36	20.43	20.44	22	0
1.4	64QAM	1	3	20.33	20.36	20.32		
1.4	64QAM	1	5	20.41	20.30	20.32		
1.4	64QAM	3	0	20.45	20.42	20.36		
1.4	64QAM	3	1	20.36	20.29	20.40		
1.4	64QAM	3	3	20.32	20.43	20.35		
1.4	64QAM	6	0	20.42	20.33	20.28	22	0
1.4	256QAM	1	0	18.34	18.52	18.48	20	2
1.4	256QAM	1	3	18.37	18.39	18.45		
1.4	256QAM	1	5	18.51	18.45	18.39		
1.4	256QAM	3	0	18.51	18.52	18.45		
1.4	256QAM	3	1	18.50	18.48	18.43		
1.4	256QAM	3	3	18.38	18.47	18.37		
1.4	256QAM	6	0	18.46	18.47	18.48	20	2

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.82	22.98	22.91	24	0
20	QPSK	1	49	22.70	22.83	22.83		
20	QPSK	1	99	22.79	22.88	22.78		
20	QPSK	50	0	22.66	22.89	22.78	24	0
20	QPSK	50	24	22.80	22.86	22.80		
20	QPSK	50	50	22.68	22.88	22.87		
20	QPSK	100	0	22.78	22.85	22.83		
20	16QAM	1	0	22.77	22.92	22.77	24	0
20	16QAM	1	49	22.75	22.83	22.79		
20	16QAM	1	99	22.79	22.86	22.88		
20	16QAM	50	0	21.78	21.83	21.83	23	1
20	16QAM	50	24	21.94	21.95	21.90		
20	16QAM	50	50	21.91	21.90	21.96		
20	16QAM	100	0	21.94	22.07	22.01		
20	64QAM	1	0	21.83	21.99	21.81	23	1
20	64QAM	1	49	21.84	22.10	21.78		
20	64QAM	1	99	21.78	22.03	21.94		
20	64QAM	50	0	20.84	21.10	21.01	22	2
20	64QAM	50	24	20.96	20.92	20.95		
20	64QAM	50	50	20.86	21.03	20.94		
20	64QAM	100	0	20.87	20.93	20.99		
20	256QAM	1	0	18.79	18.88	18.82	20	4
20	256QAM	1	49	18.95	19.09	18.92		
20	256QAM	1	99	18.90	19.11	18.94		
20	256QAM	50	0	18.68	19.07	18.92	20	4
20	256QAM	50	24	18.80	19.11	18.95		
20	256QAM	50	50	18.89	19.09	19.04		
20	256QAM	100	0	18.82	18.84	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.77	22.88	22.74	24	0
15	QPSK	1	37	22.67	22.67	22.69		
15	QPSK	1	74	22.72	22.83	22.71		
15	QPSK	36	0	22.48	22.73	22.69	24	0
15	QPSK	36	20	22.76	22.73	22.65		
15	QPSK	36	39	22.62	22.71	22.69		
15	QPSK	75	0	22.64	22.81	22.81		
15	16QAM	1	0	22.70	22.87	22.64	24	0
15	16QAM	1	37	22.67	22.78	22.70		
15	16QAM	1	74	22.67	22.68	22.75		
15	16QAM	36	0	21.61	21.75	21.77	23	1
15	16QAM	36	20	21.90	21.91	21.82		
15	16QAM	36	39	21.82	21.78	21.81		
15	16QAM	75	0	21.91	22.03	21.91		
15	64QAM	1	0	21.79	21.94	21.78	23	1
15	64QAM	1	37	21.70	21.98	21.75		
15	64QAM	1	74	21.69	21.93	21.85		
15	64QAM	36	0	20.72	20.99	20.93	22	2
15	64QAM	36	20	20.79	20.87	20.78		
15	64QAM	36	39	20.79	20.90	20.83		
15	64QAM	75	0	20.84	20.84	20.92		
15	256QAM	1	0	18.76	18.74	18.75	20	4
15	256QAM	1	37	18.88	18.96	18.80		
15	256QAM	1	74	18.83	19.06	18.84		
15	256QAM	36	0	18.61	18.96	18.88	20	4
15	256QAM	36	20	18.72	19.06	18.86		
15	256QAM	36	39	18.79	18.94	18.90		
15	256QAM	75	0	18.70	18.71	18.77		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.71	22.93	22.75	24	0
10	QPSK	1	25	22.53	22.68	22.75		
10	QPSK	1	49	22.63	22.81	22.64		
10	QPSK	25	0	22.61	22.73	22.73	24	0
10	QPSK	25	12	22.71	22.74	22.77		
10	QPSK	25	25	22.64	22.76	22.73		
10	QPSK	50	0	22.70	22.82	22.75		
10	16QAM	1	0	22.64	22.90	22.61	24	0
10	16QAM	1	25	22.59	22.65	22.75		
10	16QAM	1	49	22.76	22.77	22.80		
10	16QAM	25	0	21.71	21.77	21.67	23	1
10	16QAM	25	12	21.86	21.85	21.75		
10	16QAM	25	25	21.75	21.82	21.91		
10	16QAM	50	0	21.86	21.92	21.94		
10	64QAM	1	0	21.73	21.92	21.68	23	1
10	64QAM	1	25	21.73	22.00	21.72		
10	64QAM	1	49	21.68	21.96	21.88		
10	64QAM	25	0	20.70	21.06	20.95	22	2
10	64QAM	25	12	20.87	20.86	20.78		
10	64QAM	25	25	20.70	21.00	20.84		
10	64QAM	50	0	20.70	20.91	20.88		
10	256QAM	1	0	18.65	18.74	18.67	20	4
10	256QAM	1	25	18.83	18.93	18.82		
10	256QAM	1	49	18.77	19.08	18.90		
10	256QAM	25	0	18.61	19.04	18.80	20	4
10	256QAM	25	12	18.70	18.93	18.80		
10	256QAM	25	25	18.79	18.94	18.92		
10	256QAM	50	0	18.70	18.74	18.86		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.69	22.87	22.79	24	0
5	QPSK	1	12	22.66	22.73	22.76		
5	QPSK	1	24	22.73	22.78	22.71		
5	QPSK	12	0	22.61	22.80	22.64	24	0
5	QPSK	12	7	22.67	22.79	22.70		
5	QPSK	12	13	22.61	22.76	22.78		
5	QPSK	25	0	22.70	22.80	22.72		
5	16QAM	1	0	22.73	22.87	22.66	24	0
5	16QAM	1	12	22.63	22.70	22.72		
5	16QAM	1	24	22.70	22.83	22.84		
5	16QAM	12	0	21.75	21.79	21.66	23	1
5	16QAM	12	7	21.78	21.89	21.79		
5	16QAM	12	13	21.76	21.76	21.93		
5	16QAM	25	0	21.91	22.02	21.86		
5	64QAM	1	0	21.67	21.95	21.73	23	1
5	64QAM	1	12	21.79	21.96	21.61		
5	64QAM	1	24	21.74	21.98	21.87		
5	64QAM	12	0	20.75	21.07	20.93	22	2
5	64QAM	12	7	20.79	20.77	20.78		
5	64QAM	12	13	20.72	20.91	20.92		
5	64QAM	25	0	20.77	20.86	20.90		
5	256QAM	1	0	18.69	18.86	18.75	20	4
5	256QAM	1	12	18.90	18.97	18.86		
5	256QAM	1	24	18.82	19.05	18.83		
5	256QAM	12	0	18.62	18.98	18.88	20	4
5	256QAM	12	7	18.70	19.03	18.79		
5	256QAM	12	13	18.84	18.96	18.95		
5	256QAM	25	0	18.74	18.77	18.79		

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.10	19.13	19.02	20.70	20.60	20.63	20.57	22.40	23.06	23.04	23.07	24.00
3GPP Rel 99	RMC 12.2Kbps	19.21	19.25	19.15	20.70	20.74	20.75	20.71	22.40	23.11	23.19	23.14	24.00
3GPP Rel 6	HSDPA Subtest-1	18.15	18.16	18.25	19.70	19.65	19.66	19.77	21.40	22.16	22.19	22.29	23.00
3GPP Rel 6	HSDPA Subtest-2	18.14	18.38	18.13	19.70	19.74	19.83	19.58	21.40	22.03	22.23	22.13	23.00
3GPP Rel 6	HSDPA Subtest-3	17.73	17.82	17.78	19.20	19.18	19.37	19.12	20.90	21.47	21.75	21.55	22.50
3GPP Rel 6	HSDPA Subtest-4	17.80	17.78	17.69	19.20	19.25	19.14	19.28	20.90	21.64	21.72	21.77	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.33	18.21	18.13	19.70	19.79	19.86	19.80	21.40	22.22	22.10	22.18	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.22	18.23	18.06	19.70	19.70	19.77	19.79	21.40	21.99	22.12	22.27	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	17.73	17.74	17.73	19.20	19.39	19.33	19.06	20.90	21.65	21.83	21.63	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.61	17.66	17.67	19.20	19.24	19.32	19.32	20.90	21.62	21.59	21.54	22.50
3GPP Rel 6	HSUPA Subtest-1	18.21	18.17	18.10	19.70	19.74	19.85	19.82	21.40	22.10	22.09	22.02	23.00
3GPP Rel 6	HSUPA Subtest-2	16.29	16.27	16.05	17.70	17.80	17.61	17.71	19.40	20.08	20.06	20.14	21.00
3GPP Rel 6	HSUPA Subtest-3	17.34	17.32	17.14	18.70	18.61	18.60	18.72	20.40	21.10	21.26	21.27	22.00
3GPP Rel 6	HSUPA Subtest-4	16.34	16.38	16.14	17.70	17.58	17.86	17.78	19.40	20.20	20.25	20.28	21.00
3GPP Rel 6	HSUPA Subtest-5	18.19	18.23	18.14	19.70	19.65	19.78	19.62	21.40	22.23	22.06	22.20	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.84	15.76	15.70	17.20	17.39	17.29	17.28	18.90	19.61	19.67	19.77	20.50

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.15	19.26	19.22	20.4	0
20	QPSK	1	49	19.22	19.11	19.14		
20	QPSK	1	99	19.10	19.16	19.22		
20	QPSK	50	0	19.16	19.21	19.16	20.4	0
20	QPSK	50	24	19.13	19.13	19.15		
20	QPSK	50	50	19.15	19.09	19.12		
20	QPSK	100	0	19.13	19.17	19.13		
20	16QAM	1	0	19.20	19.19	19.17	20.4	0
20	16QAM	1	49	19.22	19.21	19.17		
20	16QAM	1	99	19.07	19.18	19.14		
20	16QAM	50	0	19.11	19.07	19.08	20.4	0
20	16QAM	50	24	19.16	19.20	19.22		
20	16QAM	50	50	19.13	19.19	19.18		
20	16QAM	100	0	19.22	19.17	19.11		
20	64QAM	1	0	19.21	19.12	19.22	20.4	0
20	64QAM	1	49	19.09	19.16	19.08		
20	64QAM	1	99	19.17	19.22	19.09		
20	64QAM	50	0	19.20	19.22	19.13	20.4	0
20	64QAM	50	24	19.12	19.09	19.15		
20	64QAM	50	50	19.21	19.12	19.13		
20	64QAM	100	0	19.14	19.16	19.07		
20	256QAM	1	0	19.07	19.20	19.09	20.4	0
20	256QAM	1	49	19.20	19.09	19.14		
20	256QAM	1	99	19.18	19.11	19.10		
20	256QAM	50	0	19.11	19.13	19.12	20.4	0
20	256QAM	50	24	19.10	19.20	19.14		
20	256QAM	50	50	19.13	19.18	19.10		
20	256QAM	100	0	19.22	19.11	19.07		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.06	19.09	19.20	20.4	0
15	QPSK	1	37	19.19	19.04	19.03		
15	QPSK	1	74	19.02	19.01	19.08		
15	QPSK	36	0	19.05	19.05	19.08	20.4	0
15	QPSK	36	20	19.05	18.95	19.09		
15	QPSK	36	39	19.07	18.94	19.09		
15	QPSK	75	0	19.00	19.09	19.05		
15	16QAM	1	0	19.16	19.05	19.13	20.4	0
15	16QAM	1	37	19.04	19.07	19.11		
15	16QAM	1	74	18.98	19.09	19.05		
15	16QAM	36	0	19.01	18.96	18.92	20.4	0
15	16QAM	36	20	18.99	19.10	19.19		
15	16QAM	36	39	19.02	19.06	19.06		
15	16QAM	75	0	19.05	19.07	19.05		
15	64QAM	1	0	19.13	18.95	19.17	20.4	0
15	64QAM	1	37	19.01	19.03	18.93		
15	64QAM	1	74	19.08	19.12	19.01		
15	64QAM	36	0	19.11	19.12	19.08	20.4	0
15	64QAM	36	20	18.98	19.01	19.01		
15	64QAM	36	39	19.06	18.96	19.00		
15	64QAM	75	0	19.01	19.13	18.90		
15	256QAM	1	0	18.97	19.16	18.94	20.4	0
15	256QAM	1	37	19.14	19.02	19.07		
15	256QAM	1	74	19.01	18.98	18.97		
15	256QAM	36	0	19.02	19.07	19.02	20.4	0
15	256QAM	36	20	19.01	19.05	19.03		
15	256QAM	36	39	19.00	19.09	19.06		
15	256QAM	75	0	19.13	18.94	18.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.04	19.18	19.15	20.4	0
10	QPSK	1	25	19.07	19.02	19.02		
10	QPSK	1	49	18.95	19.04	19.19		
10	QPSK	25	0	19.01	19.12	19.10	20.4	0
10	QPSK	25	12	19.00	19.10	19.12		
10	QPSK	25	25	19.02	19.01	19.02		
10	QPSK	50	0	19.01	19.00	18.96		
10	16QAM	1	0	19.04	19.07	19.09	20.4	0
10	16QAM	1	25	19.18	19.16	19.15		
10	16QAM	1	49	19.03	19.07	19.03		
10	16QAM	25	0	19.05	19.00	18.95	20.4	0
10	16QAM	25	12	19.03	19.02	19.14		
10	16QAM	25	25	19.05	19.16	19.00		
10	16QAM	50	0	19.13	19.14	18.98		
10	64QAM	1	0	19.10	18.95	19.20	20.4	0
10	64QAM	1	25	19.01	19.03	18.91		
10	64QAM	1	49	19.04	19.08	19.02		
10	64QAM	25	0	19.06	19.10	18.99	20.4	0
10	64QAM	25	12	18.99	19.01	19.12		
10	64QAM	25	25	19.17	19.04	18.97		
10	64QAM	50	0	19.07	19.06	18.94		
10	256QAM	1	0	18.93	19.12	19.07	20.4	0
10	256QAM	1	25	19.12	18.92	19.07		
10	256QAM	1	49	19.05	19.05	19.04		
10	256QAM	25	0	18.93	19.08	19.08	20.4	0
10	256QAM	25	12	19.02	19.10	19.01		
10	256QAM	25	25	19.09	19.05	18.92		
10	256QAM	50	0	19.06	18.96	19.02		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.02	19.24	19.06	20.4	0
5	QPSK	1	12	19.10	19.04	18.98		
5	QPSK	1	24	19.05	19.06	19.17		
5	QPSK	12	0	19.00	19.16	19.09	20.4	0
5	QPSK	12	7	19.11	19.06	19.11		
5	QPSK	12	13	18.98	18.98	19.05		
5	QPSK	25	0	19.00	19.03	18.96		
5	16QAM	1	0	19.13	19.05	19.10	20.4	0
5	16QAM	1	12	19.13	19.14	19.07		
5	16QAM	1	24	18.91	19.15	19.09		
5	16QAM	12	0	19.08	18.97	18.92	20.4	0
5	16QAM	12	7	19.07	19.07	19.20		
5	16QAM	12	13	19.10	19.08	19.01		
5	16QAM	25	0	19.09	19.06	19.02		
5	64QAM	1	0	19.12	19.09	19.15	20.4	0
5	64QAM	1	12	18.95	19.11	19.01		
5	64QAM	1	24	19.09	19.05	18.98		
5	64QAM	12	0	19.17	19.16	19.06	20.4	0
5	64QAM	12	7	19.03	18.95	19.01		
5	64QAM	12	13	19.12	19.06	19.06		
5	64QAM	25	0	18.98	19.04	18.96		
5	256QAM	1	0	19.03	19.12	19.07	20.4	0
5	256QAM	1	12	19.18	18.94	19.00		
5	256QAM	1	24	19.11	18.94	19.00		
5	256QAM	12	0	19.00	18.99	19.00	20.4	0
5	256QAM	12	7	18.95	19.09	19.08		
5	256QAM	12	13	19.10	19.15	19.05		
5	256QAM	25	0	19.05	19.01	18.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.06	19.22	19.06	20.4	0
3	QPSK	1	8	19.16	19.02	19.08		
3	QPSK	1	14	18.98	19.01	19.06		
3	QPSK	8	0	19.10	19.10	19.12	20.4	0
3	QPSK	8	4	19.02	19.05	19.04		
3	QPSK	8	7	19.03	19.00	19.03		
3	QPSK	15	0	19.04	19.01	19.01		
3	16QAM	1	0	19.06	19.14	19.10	20.4	0
3	16QAM	1	8	19.13	19.10	19.06		
3	16QAM	1	14	18.91	19.08	18.99		
3	16QAM	8	0	18.97	18.95	19.06	20.4	0
3	16QAM	8	4	19.04	19.11	19.16		
3	16QAM	8	7	19.06	19.09	19.05		
3	16QAM	15	0	19.05	19.04	18.94		
3	64QAM	1	0	19.04	18.98	19.09	20.4	0
3	64QAM	1	8	18.97	19.10	18.93		
3	64QAM	1	14	19.09	19.08	19.05		
3	64QAM	8	0	19.06	19.07	18.97	20.4	0
3	64QAM	8	4	19.08	18.98	19.11		
3	64QAM	8	7	19.10	19.05	19.10		
3	64QAM	15	0	19.07	19.14	18.99		
3	256QAM	1	0	18.97	19.17	18.95	20.4	0
3	256QAM	1	8	19.11	18.93	19.05		
3	256QAM	1	14	19.13	18.97	18.98		
3	256QAM	8	0	19.01	19.01	18.95	20.4	0
3	256QAM	8	4	18.94	19.13	19.03		
3	256QAM	8	7	19.01	19.10	18.97		
3	256QAM	15	0	19.08	18.94	18.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.04	19.23	19.17	20.4	0
1.4	QPSK	1	3	19.12	19.01	19.03		
1.4	QPSK	1	5	18.98	19.08	19.08		
1.4	QPSK	3	0	19.00	19.07	19.09		
1.4	QPSK	3	1	19.01	19.05	19.02		
1.4	QPSK	3	3	19.06	18.96	18.94		
1.4	QPSK	6	0	18.95	19.01	18.96	20.4	0
1.4	16QAM	1	0	19.09	19.13	19.12	20.4	0
1.4	16QAM	1	3	19.04	19.06	19.01		
1.4	16QAM	1	5	18.91	19.15	19.05		
1.4	16QAM	3	0	18.97	18.90	19.05		
1.4	16QAM	3	1	19.02	19.11	19.05		
1.4	16QAM	3	3	19.07	19.10	19.06		
1.4	16QAM	6	0	19.10	19.02	18.97	20.4	0
1.4	64QAM	1	0	19.03	18.97	19.05	20.4	0
1.4	64QAM	1	3	18.99	19.02	18.90		
1.4	64QAM	1	5	19.01	19.14	19.01		
1.4	64QAM	3	0	19.04	19.08	18.99		
1.4	64QAM	3	1	18.97	18.97	19.06		
1.4	64QAM	3	3	19.12	19.00	19.11		
1.4	64QAM	6	0	19.11	18.98	19.03	20.4	0
1.4	256QAM	1	0	18.99	19.08	19.02	20.4	0
1.4	256QAM	1	3	19.03	19.05	19.04		
1.4	256QAM	1	5	19.03	18.97	19.07		
1.4	256QAM	3	0	18.99	19.10	19.01		
1.4	256QAM	3	1	19.01	19.15	19.10		
1.4	256QAM	3	3	19.00	19.09	19.07		
1.4	256QAM	6	0	19.17	19.02	19.02	20.4	0

Band 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	19.65	19.79	19.71	20.8	0
20	QPSK	1	49	19.66	19.76	19.71		
20	QPSK	1	99	19.66	19.73	19.70		
20	QPSK	50	0	19.74	19.75	19.68	20.8	0
20	QPSK	50	24	19.68	19.72	19.68		
20	QPSK	50	50	19.71	19.68	19.70		
20	QPSK	100	0	19.73	19.76	19.70		
20	16QAM	1	0	19.76	19.77	19.63	20.8	0
20	16QAM	1	49	19.73	19.66	19.64		
20	16QAM	1	99	19.73	19.75	19.62		
20	16QAM	50	0	19.62	19.74	19.75	20.8	0
20	16QAM	50	24	19.67	19.74	19.78		
20	16QAM	50	50	19.71	19.74	19.68		
20	16QAM	100	0	19.68	19.64	19.67		
20	64QAM	1	0	19.68	19.76	19.78	20.8	0
20	64QAM	1	49	19.73	19.69	19.67		
20	64QAM	1	99	19.77	19.77	19.70		
20	64QAM	50	0	19.63	19.75	19.73	20.8	0
20	64QAM	50	24	19.62	19.64	19.63		
20	64QAM	50	50	19.74	19.74	19.67		
20	64QAM	100	0	19.72	19.64	19.64		
20	256QAM	1	0	18.85	18.86	18.85	19.8	1
20	256QAM	1	49	18.75	18.77	18.87		
20	256QAM	1	99	18.77	18.80	18.74		
20	256QAM	50	0	18.75	18.85	18.73	19.8	1
20	256QAM	50	24	18.74	18.80	18.81		
20	256QAM	50	50	18.83	18.73	18.83		
20	256QAM	100	0	18.75	18.84	18.85		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.59	19.77	19.65	20.8	0
15	QPSK	1	37	19.63	19.67	19.59		
15	QPSK	1	74	19.51	19.61	19.52		
15	QPSK	36	0	19.61	19.66	19.59	20.8	0
15	QPSK	36	20	19.61	19.56	19.60		
15	QPSK	36	39	19.59	19.54	19.64		
15	QPSK	75	0	19.60	19.68	19.65		
15	16QAM	1	0	19.59	19.70	19.59	20.8	0
15	16QAM	1	37	19.58	19.54	19.51		
15	16QAM	1	74	19.68	19.71	19.46		
15	16QAM	36	0	19.51	19.65	19.66	20.8	0
15	16QAM	36	20	19.64	19.69	19.66		
15	16QAM	36	39	19.53	19.62	19.65		
15	16QAM	75	0	19.65	19.48	19.60		
15	64QAM	1	0	19.59	19.61	19.66	20.8	0
15	64QAM	1	37	19.71	19.59	19.63		
15	64QAM	1	74	19.71	19.62	19.54		
15	64QAM	36	0	19.51	19.62	19.58	20.8	0
15	64QAM	36	20	19.44	19.56	19.59		
15	64QAM	36	39	19.64	19.67	19.51		
15	64QAM	75	0	19.60	19.52	19.54		
15	256QAM	1	0	18.75	18.75	18.75	19.8	1
15	256QAM	1	37	18.66	18.69	18.71		
15	256QAM	1	74	18.74	18.70	18.56		
15	256QAM	36	0	18.67	18.68	18.66	19.8	1
15	256QAM	36	20	18.70	18.63	18.66		
15	256QAM	36	39	18.69	18.68	18.77		
15	256QAM	75	0	18.66	18.76	18.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.51	19.66	19.65	20.8	0
10	QPSK	1	25	19.50	19.65	19.66		
10	QPSK	1	49	19.63	19.62	19.64		
10	QPSK	25	0	19.59	19.67	19.65	20.8	0
10	QPSK	25	12	19.54	19.57	19.60		
10	QPSK	25	25	19.63	19.50	19.52		
10	QPSK	50	0	19.58	19.71	19.67		
10	16QAM	1	0	19.65	19.66	19.45	20.8	0
10	16QAM	1	25	19.63	19.59	19.50		
10	16QAM	1	49	19.67	19.58	19.49		
10	16QAM	25	0	19.58	19.63	19.72	20.8	0
10	16QAM	25	12	19.51	19.62	19.69		
10	16QAM	25	25	19.66	19.68	19.61		
10	16QAM	50	0	19.65	19.55	19.50		
10	64QAM	1	0	19.52	19.62	19.62	20.8	0
10	64QAM	1	25	19.62	19.55	19.59		
10	64QAM	1	49	19.60	19.68	19.67		
10	64QAM	25	0	19.56	19.65	19.65	20.8	0
10	64QAM	25	12	19.47	19.57	19.55		
10	64QAM	25	25	19.70	19.57	19.62		
10	64QAM	50	0	19.60	19.60	19.49		
10	256QAM	1	0	18.72	18.69	18.79	19.8	1
10	256QAM	1	25	18.69	18.74	18.78		
10	256QAM	1	49	18.60	18.74	18.57		
10	256QAM	25	0	18.72	18.82	18.67	19.8	1
10	256QAM	25	12	18.71	18.66	18.65		
10	256QAM	25	25	18.80	18.60	18.73		
10	256QAM	50	0	18.69	18.78	18.72		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.50	19.75	19.60	20.8	0
5	QPSK	1	12	19.55	19.68	19.62		
5	QPSK	1	24	19.49	19.63	19.60		
5	QPSK	12	0	19.60	19.61	19.62	20.8	0
5	QPSK	12	7	19.53	19.60	19.59		
5	QPSK	12	13	19.63	19.55	19.61		
5	QPSK	25	0	19.71	19.61	19.67		
5	16QAM	1	0	19.66	19.75	19.48	20.8	0
5	16QAM	1	12	19.62	19.57	19.52		
5	16QAM	1	24	19.64	19.73	19.48		
5	16QAM	12	0	19.46	19.67	19.72	20.8	0
5	16QAM	12	7	19.56	19.63	19.73		
5	16QAM	12	13	19.55	19.71	19.57		
5	16QAM	25	0	19.57	19.59	19.60		
5	64QAM	1	0	19.59	19.70	19.62	20.8	0
5	64QAM	1	12	19.64	19.54	19.63		
5	64QAM	1	24	19.73	19.60	19.58		
5	64QAM	12	0	19.47	19.66	19.55	20.8	0
5	64QAM	12	7	19.56	19.52	19.50		
5	64QAM	12	13	19.59	19.67	19.51		
5	64QAM	25	0	19.68	19.50	19.49		
5	256QAM	1	0	18.71	18.70	18.68	19.8	1
5	256QAM	1	12	18.71	18.72	18.84		
5	256QAM	1	24	18.66	18.76	18.66		
5	256QAM	12	0	18.71	18.73	18.56	19.8	1
5	256QAM	12	7	18.59	18.71	18.65		
5	256QAM	12	13	18.76	18.66	18.71		
5	256QAM	25	0	18.59	18.72	18.82		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.60	19.67	19.68	20.8	0
3	QPSK	1	8	19.60	19.71	19.58		
3	QPSK	1	14	19.53	19.58	19.57		
3	QPSK	8	0	19.71	19.61	19.57	20.8	0
3	QPSK	8	4	19.52	19.70	19.54		
3	QPSK	8	7	19.56	19.55	19.57		
3	QPSK	15	0	19.71	19.62	19.65		
3	16QAM	1	0	19.67	19.64	19.54	20.8	0
3	16QAM	1	8	19.64	19.64	19.57		
3	16QAM	1	14	19.59	19.72	19.60		
3	16QAM	8	0	19.52	19.69	19.70	20.8	0
3	16QAM	8	4	19.51	19.58	19.64		
3	16QAM	8	7	19.67	19.67	19.56		
3	16QAM	15	0	19.65	19.55	19.59		
3	64QAM	1	0	19.60	19.61	19.67	20.8	0
3	64QAM	1	8	19.64	19.58	19.52		
3	64QAM	1	14	19.65	19.69	19.65		
3	64QAM	8	0	19.49	19.68	19.59	20.8	0
3	64QAM	8	4	19.56	19.56	19.47		
3	64QAM	8	7	19.60	19.59	19.57		
3	64QAM	15	0	19.66	19.58	19.47		
3	256QAM	1	0	18.73	18.76	18.75	19.8	1
3	256QAM	1	8	18.63	18.62	18.83		
3	256QAM	1	14	18.61	18.65	18.62		
3	256QAM	8	0	18.60	18.81	18.59	19.8	1
3	256QAM	8	4	18.66	18.70	18.78		
3	256QAM	8	7	18.66	18.69	18.79		
3	256QAM	15	0	18.57	18.79	18.69		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.51	19.74	19.57	20.8	0
1.4	QPSK	1	3	19.62	19.70	19.69		
1.4	QPSK	1	5	19.57	19.60	19.52		
1.4	QPSK	3	0	19.72	19.63	19.63		
1.4	QPSK	3	1	19.60	19.66	19.51		
1.4	QPSK	3	3	19.65	19.57	19.56		
1.4	QPSK	6	0	19.65	19.62	19.61	20.8	0
1.4	16QAM	1	0	19.71	19.73	19.47	20.8	0
1.4	16QAM	1	3	19.59	19.55	19.49		
1.4	16QAM	1	5	19.63	19.70	19.46		
1.4	16QAM	3	0	19.51	19.62	19.60		
1.4	16QAM	3	1	19.63	19.66	19.68		
1.4	16QAM	3	3	19.59	19.63	19.62		
1.4	16QAM	6	0	19.58	19.56	19.56	20.8	0
1.4	64QAM	1	0	19.64	19.73	19.70	20.8	0
1.4	64QAM	1	3	19.67	19.67	19.64		
1.4	64QAM	1	5	19.61	19.60	19.58		
1.4	64QAM	3	0	19.54	19.57	19.62		
1.4	64QAM	3	1	19.49	19.59	19.56		
1.4	64QAM	3	3	19.61	19.61	19.52		
1.4	64QAM	6	0	19.67	19.47	19.47	20.8	0
1.4	256QAM	1	0	18.81	18.81	18.73	19.8	1
1.4	256QAM	1	3	18.60	18.68	18.71		
1.4	256QAM	1	5	18.65	18.73	18.66		
1.4	256QAM	3	0	18.58	18.82	18.57		
1.4	256QAM	3	1	18.64	18.68	18.77		
1.4	256QAM	3	3	18.69	18.68	18.72		
1.4	256QAM	6	0	18.72	18.74	18.70	19.8	1

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.72	22.85	22.64	24	0
10	QPSK	1	25	22.60	22.76	22.53		
10	QPSK	1	49	22.63	22.69	22.55		
10	QPSK	25	0	22.63	22.83	22.47	24	0
10	QPSK	25	12	22.55	22.82	22.61		
10	QPSK	25	25	22.69	22.74	22.57		
10	QPSK	50	0	22.58	22.82	22.52		
10	16QAM	1	0	22.55	22.70	22.52	24	0
10	16QAM	1	25	22.56	22.69	22.60		
10	16QAM	1	49	22.62	22.74	22.47		
10	16QAM	25	0	21.69	21.73	21.54	23	1
10	16QAM	25	12	21.68	21.87	21.69		
10	16QAM	25	25	21.82	21.79	21.53		
10	16QAM	50	0	21.61	21.90	21.62		
10	64QAM	1	0	21.77	21.85	21.71	23	1
10	64QAM	1	25	21.67	21.90	21.63		
10	64QAM	1	49	21.71	21.97	21.55		
10	64QAM	25	0	20.66	20.90	20.76	22	2
10	64QAM	25	12	20.78	20.88	20.75		
10	64QAM	25	25	20.62	20.75	20.77		
10	64QAM	50	0	20.75	20.91	20.70		
10	256QAM	1	0	18.72	18.82	18.67	20	4
10	256QAM	1	25	18.67	19.00	18.60		
10	256QAM	1	49	18.65	18.74	18.72		
10	256QAM	25	0	18.61	18.81	18.65	20	4
10	256QAM	25	12	18.70	18.95	18.71		
10	256QAM	25	25	18.60	18.72	18.51		
10	256QAM	50	0	18.69	18.87	18.69		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.55	22.83	22.62	24	0
5	QPSK	1	12	22.48	22.68	22.50		
5	QPSK	1	24	22.58	22.63	22.51		
5	QPSK	12	0	22.61	22.68	22.37	24	0
5	QPSK	12	7	22.46	22.77	22.53		
5	QPSK	12	13	22.66	22.57	22.54		
5	QPSK	25	0	22.45	22.65	22.42		
5	16QAM	1	0	22.42	22.60	22.39	24	0
5	16QAM	1	12	22.45	22.58	22.57		
5	16QAM	1	24	22.55	22.68	22.34		
5	16QAM	12	0	21.64	21.57	21.43	23	1
5	16QAM	12	7	21.58	21.78	21.61		
5	16QAM	12	13	21.66	21.74	21.36		
5	16QAM	25	0	21.55	21.79	21.57		
5	64QAM	1	0	21.67	21.80	21.56	23	1
5	64QAM	1	12	21.51	21.82	21.47		
5	64QAM	1	24	21.60	21.81	21.46		
5	64QAM	12	0	20.56	20.77	20.63	22	2
5	64QAM	12	7	20.70	20.71	20.70		
5	64QAM	12	13	20.51	20.61	20.65		
5	64QAM	25	0	20.70	20.82	20.58		
5	256QAM	1	0	18.70	18.72	18.58	20	4
5	256QAM	1	12	18.61	18.85	18.48		
5	256QAM	1	24	18.62	18.65	18.67		
5	256QAM	12	0	18.55	18.68	18.53	20	4
5	256QAM	12	7	18.66	18.83	18.61		
5	256QAM	12	13	18.44	18.59	18.45		
5	256QAM	25	0	18.61	18.79	18.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.59	22.69	22.52	24	0
3	QPSK	1	8	22.42	22.61	22.36		
3	QPSK	1	14	22.55	22.58	22.47		
3	QPSK	8	0	22.47	22.81	22.39	24	0
3	QPSK	8	4	22.40	22.78	22.53		
3	QPSK	8	7	22.55	22.58	22.49		
3	QPSK	15	0	22.51	22.80	22.44		
3	16QAM	1	0	22.43	22.60	22.42	24	0
3	16QAM	1	8	22.40	22.55	22.43		
3	16QAM	1	14	22.46	22.63	22.41		
3	16QAM	8	0	21.64	21.61	21.44	23	1
3	16QAM	8	4	21.63	21.69	21.67		
3	16QAM	8	7	21.78	21.63	21.43		
3	16QAM	15	0	21.57	21.73	21.58		
3	64QAM	1	0	21.74	21.71	21.59	23	1
3	64QAM	1	8	21.55	21.74	21.49		
3	64QAM	1	14	21.57	21.88	21.38		
3	64QAM	8	0	20.60	20.73	20.73	22	2
3	64QAM	8	4	20.66	20.72	20.62		
3	64QAM	8	7	20.55	20.63	20.66		
3	64QAM	15	0	20.71	20.76	20.60		
3	256QAM	1	0	18.59	18.72	18.56	20	4
3	256QAM	1	8	18.64	18.96	18.48		
3	256QAM	1	14	18.53	18.61	18.64		
3	256QAM	8	0	18.51	18.66	18.58	20	4
3	256QAM	8	4	18.52	18.79	18.61		
3	256QAM	8	7	18.47	18.69	18.34		
3	256QAM	15	0	18.53	18.74	18.61		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.57	22.73	22.52	24	0
1.4	QPSK	1	3	22.66	22.83	22.47		
1.4	QPSK	1	5	22.68	22.79	22.47		
1.4	QPSK	3	0	22.59	22.72	22.46		
1.4	QPSK	3	1	22.59	22.70	22.58		
1.4	QPSK	3	3	22.54	22.75	22.51		
1.4	QPSK	6	0	22.70	22.77	22.57	24	0
1.4	16QAM	1	0	22.68	22.77	22.55	24	0
1.4	16QAM	1	3	22.62	22.75	22.60		
1.4	16QAM	1	5	22.56	22.80	22.47		
1.4	16QAM	3	0	22.69	22.72	22.55		
1.4	16QAM	3	1	22.58	22.74	22.47		
1.4	16QAM	3	3	22.57	22.71	22.62		
1.4	16QAM	6	0	21.63	21.71	21.51	23	1
1.4	64QAM	1	0	21.63	21.80	21.65	23	1
1.4	64QAM	1	3	21.75	21.82	21.72		
1.4	64QAM	1	5	21.67	21.83	21.76		
1.4	64QAM	3	0	21.75	21.89	21.66		
1.4	64QAM	3	1	21.76	21.95	21.75		
1.4	64QAM	3	3	21.73	21.99	21.57		
1.4	64QAM	6	0	20.70	20.79	20.70	22	2
1.4	256QAM	1	0	18.81	18.89	18.74	20	4
1.4	256QAM	1	3	18.86	18.91	18.69		
1.4	256QAM	1	5	18.81	18.87	18.72		
1.4	256QAM	3	0	18.73	18.98	18.69		
1.4	256QAM	3	1	18.77	18.82	18.57		
1.4	256QAM	3	3	18.68	18.92	18.68		
1.4	256QAM	6	0	18.83	18.93	18.64	20	4

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.82	15.96	15.82	17.3	0
20	QPSK	1	49	15.89	15.91	15.84		
20	QPSK	1	99	15.86	15.89	15.83		
20	QPSK	50	0	15.85	15.92	15.87	17.3	0
20	QPSK	50	24	15.81	15.81	15.85		
20	QPSK	50	50	15.80	15.89	15.81		
20	QPSK	100	0	15.83	15.91	15.85		
20	16QAM	1	0	15.81	15.88	15.90	17.3	0
20	16QAM	1	49	15.84	15.85	15.79		
20	16QAM	1	99	15.84	15.91	15.87		
20	16QAM	50	0	15.80	15.82	15.83	17.3	0
20	16QAM	50	24	15.81	15.83	15.86		
20	16QAM	50	50	15.93	15.84	15.87		
20	16QAM	100	0	15.79	15.85	15.91		
20	64QAM	1	0	15.80	15.83	15.80	17.3	0
20	64QAM	1	49	15.85	15.82	15.91		
20	64QAM	1	99	15.92	15.84	15.86		
20	64QAM	50	0	15.81	15.83	15.89	17.3	0
20	64QAM	50	24	15.89	15.93	15.87		
20	64QAM	50	50	15.89	15.82	15.89		
20	64QAM	100	0	15.89	15.86	15.80		
20	256QAM	1	0	15.94	15.88	15.90	17.3	0
20	256QAM	1	49	15.89	15.87	15.89		
20	256QAM	1	99	15.84	15.90	15.79		
20	256QAM	50	0	15.86	15.81	15.90	17.3	0
20	256QAM	50	24	15.80	15.79	15.86		
20	256QAM	50	50	15.80	15.81	15.94		
20	256QAM	100	0	15.84	15.94	15.83		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.79	15.86	15.70	17.3	0
15	QPSK	1	37	15.73	15.83	15.77		
15	QPSK	1	74	15.73	15.76	15.75		
15	QPSK	36	0	15.78	15.84	15.81	17.3	0
15	QPSK	36	20	15.72	15.67	15.80		
15	QPSK	36	39	15.71	15.77	15.74		
15	QPSK	75	0	15.77	15.84	15.75		
15	16QAM	1	0	15.66	15.80	15.85	17.3	0
15	16QAM	1	37	15.71	15.70	15.65		
15	16QAM	1	74	15.82	15.81	15.81		
15	16QAM	36	0	15.69	15.76	15.68	17.3	0
15	16QAM	36	20	15.64	15.73	15.79		
15	16QAM	36	39	15.83	15.68	15.83		
15	16QAM	75	0	15.71	15.78	15.88		
15	64QAM	1	0	15.75	15.68	15.72	17.3	0
15	64QAM	1	37	15.75	15.75	15.74		
15	64QAM	1	74	15.82	15.78	15.69		
15	64QAM	36	0	15.72	15.75	15.85	17.3	0
15	64QAM	36	20	15.83	15.87	15.75		
15	64QAM	36	39	15.81	15.69	15.85		
15	64QAM	75	0	15.86	15.76	15.66		
15	256QAM	1	0	15.79	15.79	15.72	17.3	0
15	256QAM	1	37	15.86	15.81	15.83		
15	256QAM	1	74	15.67	15.83	15.65		
15	256QAM	36	0	15.71	15.77	15.80	17.3	0
15	256QAM	36	20	15.71	15.66	15.79		
15	256QAM	36	39	15.68	15.67	15.83		
15	256QAM	75	0	15.66	15.79	15.81		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.69	15.92	15.67	17.3	0
10	QPSK	1	25	15.80	15.84	15.77		
10	QPSK	1	49	15.75	15.77	15.70		
10	QPSK	25	0	15.69	15.76	15.70	17.3	0
10	QPSK	25	12	15.71	15.76	15.70		
10	QPSK	25	25	15.75	15.83	15.76		
10	QPSK	50	0	15.72	15.82	15.72		
10	16QAM	1	0	15.69	15.85	15.73	17.3	0
10	16QAM	1	25	15.78	15.69	15.77		
10	16QAM	1	49	15.76	15.75	15.85		
10	16QAM	25	0	15.66	15.67	15.74	17.3	0
10	16QAM	25	12	15.69	15.78	15.71		
10	16QAM	25	25	15.88	15.74	15.69		
10	16QAM	50	0	15.77	15.70	15.87		
10	64QAM	1	0	15.77	15.75	15.76	17.3	0
10	64QAM	1	25	15.78	15.74	15.73		
10	64QAM	1	49	15.86	15.81	15.70		
10	64QAM	25	0	15.78	15.78	15.86	17.3	0
10	64QAM	25	12	15.78	15.81	15.72		
10	64QAM	25	25	15.77	15.69	15.84		
10	64QAM	50	0	15.85	15.69	15.67		
10	256QAM	1	0	15.88	15.84	15.73	17.3	0
10	256QAM	1	25	15.75	15.72	15.74		
10	256QAM	1	49	15.80	15.73	15.71		
10	256QAM	25	0	15.84	15.63	15.73	17.3	0
10	256QAM	25	12	15.75	15.61	15.72		
10	256QAM	25	25	15.65	15.77	15.88		
10	256QAM	50	0	15.66	15.79	15.73		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.73	15.88	15.66	17.3	0
5	QPSK	1	12	15.77	15.86	15.68		
5	QPSK	1	24	15.80	15.86	15.67		
5	QPSK	12	0	15.70	15.87	15.84	17.3	0
5	QPSK	12	7	15.64	15.68	15.69		
5	QPSK	12	13	15.67	15.82	15.79		
5	QPSK	25	0	15.79	15.88	15.76		
5	16QAM	1	0	15.68	15.71	15.87	17.3	0
5	16QAM	1	12	15.68	15.74	15.66		
5	16QAM	1	24	15.81	15.76	15.82		
5	16QAM	12	0	15.74	15.80	15.76	17.3	0
5	16QAM	12	7	15.68	15.69	15.74		
5	16QAM	12	13	15.83	15.76	15.78		
5	16QAM	25	0	15.74	15.77	15.78		
5	64QAM	1	0	15.67	15.79	15.78	17.3	0
5	64QAM	1	12	15.67	15.73	15.78		
5	64QAM	1	24	15.78	15.67	15.80		
5	64QAM	12	0	15.67	15.72	15.78	17.3	0
5	64QAM	12	7	15.74	15.87	15.73		
5	64QAM	12	13	15.76	15.67	15.82		
5	64QAM	25	0	15.72	15.80	15.64		
5	256QAM	1	0	15.81	15.79	15.86	17.3	0
5	256QAM	1	12	15.83	15.74	15.87		
5	256QAM	1	24	15.69	15.84	15.72		
5	256QAM	12	0	15.76	15.68	15.83	17.3	0
5	256QAM	12	7	15.69	15.62	15.82		
5	256QAM	12	13	15.77	15.77	15.78		
5	256QAM	25	0	15.75	15.90	15.67		

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.02	23.05	23.00		
10	QPSK	1	25	22.84	22.93	22.86	24	0
10	QPSK	1	49	22.86	22.96	22.85		
10	QPSK	25	0	22.90	22.95	22.93		
10	QPSK	25	12	22.85	22.94	22.90	24	0
10	QPSK	25	25	22.94	22.90	22.90		
10	QPSK	50	0	22.91	22.93	22.85		
10	16QAM	1	0	22.98	22.97	22.98		
10	16QAM	1	25	22.99	22.91	22.90	24	0
10	16QAM	1	49	22.94	22.95	22.89		
10	16QAM	25	0	21.87	22.04	22.11		
10	16QAM	25	12	22.10	21.97	21.88	23	1
10	16QAM	25	25	22.04	21.93	21.92		
10	16QAM	50	0	21.90	22.10	22.06		
10	64QAM	1	0	22.12	21.98	21.91		
10	64QAM	1	25	21.87	21.96	22.10	23	1
10	64QAM	1	49	22.05	22.15	22.11		
10	64QAM	25	0	21.11	21.19	20.87		
10	64QAM	25	12	21.14	20.97	20.88	22	2
10	64QAM	25	25	21.11	20.96	20.97		
10	64QAM	50	0	20.90	21.04	20.95		
10	256QAM	1	0	18.92	19.09	18.92		
10	256QAM	1	25	18.89	19.03	19.14	20	4
10	256QAM	1	49	19.12	19.06	19.14		
10	256QAM	25	0	19.01	18.94	19.14		
10	256QAM	25	12	18.93	19.02	18.89	20	4
10	256QAM	25	25	18.99	18.91	18.94		
10	256QAM	50	0	18.87	18.96	19.13		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.85	22.95	22.91		
5	QPSK	1	12	22.89	22.82	22.82	24	0
5	QPSK	1	24	22.74	22.94	22.76		
5	QPSK	12	0	22.74	22.79	22.80		
5	QPSK	12	7	22.68	22.89	22.79	24	0
5	QPSK	12	13	22.89	22.79	22.76		
5	QPSK	25	0	22.78	22.87	22.82		
5	16QAM	1	0	22.86	22.86	22.96		
5	16QAM	1	12	22.93	22.87	22.79	24	0
5	16QAM	1	24	22.87	22.86	22.82		
5	16QAM	12	0	21.79	21.91	22.04		
5	16QAM	12	7	21.93	21.81	21.73	23	1
5	16QAM	12	13	21.93	21.83	21.83		
5	16QAM	25	0	21.87	22.00	21.95		
5	64QAM	1	0	21.96	21.82	21.83		
5	64QAM	1	12	21.76	21.83	21.96	23	1
5	64QAM	1	24	22.02	22.08	22.03		
5	64QAM	12	0	20.94	21.10	20.74		
5	64QAM	12	7	21.08	20.82	20.72	22	2
5	64QAM	12	13	21.05	20.94	20.92		
5	64QAM	25	0	20.82	20.96	20.89		
5	256QAM	1	0	18.77	18.97	18.80		
5	256QAM	1	12	18.86	18.96	19.06	20	4
5	256QAM	1	24	18.97	19.02	19.05		
5	256QAM	12	0	18.89	18.86	18.97		
5	256QAM	12	7	18.86	18.92	18.74	20	4
5	256QAM	12	13	18.83	18.82	18.91		
5	256QAM	25	0	18.82	18.83	19.04		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.84	22.88	22.85		
3	QPSK	1	8	22.81	22.89	22.74	24	0
3	QPSK	1	14	22.74	22.86	22.80		
3	QPSK	8	0	22.73	22.89	22.86		
3	QPSK	8	4	22.79	22.84	22.81	24	0
3	QPSK	8	7	22.90	22.85	22.78		
3	QPSK	15	0	22.76	22.76	22.73		
3	16QAM	1	0	22.95	22.91	22.93		
3	16QAM	1	8	22.97	22.82	22.77	24	0
3	16QAM	1	14	22.81	22.82	22.78		
3	16QAM	8	0	21.84	21.88	22.06		
3	16QAM	8	4	22.03	21.91	21.82	23	1
3	16QAM	8	7	21.88	21.91	21.83		
3	16QAM	15	0	21.80	21.97	22.04		
3	64QAM	1	0	22.03	21.93	21.86		
3	64QAM	1	8	21.72	21.84	22.05	23	1
3	64QAM	1	14	21.91	22.08	21.95		
3	64QAM	8	0	20.99	21.14	20.77		
3	64QAM	8	4	20.98	20.86	20.77	22	2
3	64QAM	8	7	21.03	20.85	20.84		
3	64QAM	15	0	20.86	20.88	20.78		
3	256QAM	1	0	18.86	18.99	18.85		
3	256QAM	1	8	18.79	18.91	19.01	20	4
3	256QAM	1	14	19.10	18.91	18.98		
3	256QAM	8	0	18.84	18.83	19.08		
3	256QAM	8	4	18.78	18.98	18.79	20	4
3	256QAM	8	7	18.95	18.73	18.90		
3	256QAM	15	0	18.81	18.94	19.06		
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.92	22.96	22.95		
1.4	QPSK	1	3	22.92	23.01	22.91		
1.4	QPSK	1	5	22.96	22.91	22.94	24	0
1.4	QPSK	3	0	22.89	22.88	22.94		
1.4	QPSK	3	1	22.93	22.93	22.94		
1.4	QPSK	3	3	22.96	22.90	22.85		
1.4	QPSK	6	0	22.85	22.96	22.97	24	0
1.4	16QAM	1	0	22.86	23.03	22.95		
1.4	16QAM	1	3	22.92	23.01	22.96		
1.4	16QAM	1	5	22.92	23.02	22.86	24	0
1.4	16QAM	3	0	22.90	22.93	22.94		
1.4	16QAM	3	1	22.89	22.92	22.91		
1.4	16QAM	3	3	22.98	22.92	22.95		
1.4	16QAM	6	0	21.94	22.02	22.07	23	1
1.4	64QAM	1	0	22.02	21.92	22.11		
1.4	64QAM	1	3	22.03	22.16	22.09		
1.4	64QAM	1	5	21.97	22.01	21.95	23	1
1.4	64QAM	3	0	22.12	22.16	22.10		
1.4	64QAM	3	1	22.15	21.99	21.86		
1.4	64QAM	3	3	21.92	22.10	21.94		
1.4	64QAM	6	0	20.91	20.90	21.06	22	2
1.4	256QAM	1	0	19.01	18.92	18.95		
1.4	256QAM	1	3	18.93	19.14	19.11		
1.4	256QAM	1	5	18.91	18.93	18.85	20	4
1.4	256QAM	3	0	18.95	19.00	18.99		
1.4	256QAM	3	1	19.16	18.99	18.97		
1.4	256QAM	3	3	19.10	19.11	18.88		
1.4	256QAM	6	0	19.11	19.17	19.06	20	4

Band 13

BW [MHz]	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		22.85			
10	QPSK	1	25		22.75		24	0
10	QPSK	1	49		22.68			
10	QPSK	25	0		21.84			
10	QPSK	25	12		21.82		23	1
10	QPSK	25	25		21.74			
10	QPSK	50	0		21.73			
10	16QAM	1	0		21.71			
10	16QAM	1	25		21.93		23	1
10	16QAM	1	49		21.89			
10	16QAM	25	0		20.87			
10	16QAM	25	12		20.74		22	2
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.97			
10	64QAM	1	0		20.91			
10	64QAM	1	25		20.91		22	2
10	64QAM	1	49		20.71			
10	64QAM	25	0		19.73			
10	64QAM	25	12		19.80		21	3
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.79			
10	256QAM	1	0		17.96			
10	256QAM	1	25		17.76		19	5
10	256QAM	1	49		18.00			
10	256QAM	25	0		17.94			
10	256QAM	25	12		17.80		19	5
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.74			
Channel				23205	23230	23255		
Frequency (MHz)				779.5	782	784.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.62	22.74	22.74		
5	QPSK	1	12	22.65	22.62	22.44	24	0
5	QPSK	1	24	22.52	22.62	22.61		
5	QPSK	12	0	21.52	21.70	21.53		
5	QPSK	12	7	21.63	21.75	21.64	23	1
5	QPSK	12	13	21.54	21.62	21.72		
5	QPSK	25	0	21.50	21.65	21.65		
5	16QAM	1	0	21.75	21.62	21.73		
5	16QAM	1	12	21.71	21.90	21.76	23	1
5	16QAM	1	24	21.86	21.76	21.73		
5	16QAM	12	0	20.68	20.74	20.56		
5	16QAM	12	7	20.74	20.63	20.76	22	2
5	16QAM	12	13	20.58	20.67	20.78		
5	16QAM	25	0	20.78	20.94	20.74		
5	64QAM	1	0	20.67	20.80	20.68		
5	64QAM	1	12	20.72	20.89	20.73	22	2
5	64QAM	1	24	20.74	20.54	20.84		
5	64QAM	12	0	19.54	19.56	19.77		
5	64QAM	12	7	19.56	19.70	19.58	21	3
5	64QAM	12	13	19.47	19.61	19.68		
5	64QAM	25	0	19.61	19.67	19.56		
5	256QAM	1	0	17.73	17.94	17.50		
5	256QAM	1	12	17.59	17.67	17.58	19	5
5	256QAM	1	24	17.73	17.98	17.66		
5	256QAM	12	0	17.77	17.83	17.88		
5	256QAM	12	7	17.59	17.66	17.65	19	5
5	256QAM	12	13	17.76	17.78	17.75		
5	256QAM	25	0	17.58	17.72	17.58		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.99			
10	QPSK	1	25		22.97		24	0
10	QPSK	1	49		22.85			
10	QPSK	25	0		22.97			
10	QPSK	25	12		22.94		24	0
10	QPSK	25	25		22.93			
10	QPSK	50	0		22.96			
10	16QAM	1	0		22.85			
10	16QAM	1	25		22.97		24	0
10	16QAM	1	49		22.85			
10	16QAM	25	0		22.00			
10	16QAM	25	12		21.98		23	1
10	16QAM	25	25		22.03			
10	16QAM	50	0		21.95			
10	64QAM	1	0		22.02			
10	64QAM	1	25		22.01		23	1
10	64QAM	1	49		21.95			
10	64QAM	25	0		21.04			
10	64QAM	25	12		21.03		22	2
10	64QAM	25	25		21.03			
10	64QAM	50	0		20.92			
10	256QAM	1	0		18.96			
10	256QAM	1	25		18.91		20	4
10	256QAM	1	49		19.04			
10	256QAM	25	0		19.05			
10	256QAM	25	12		19.03		20	4
10	256QAM	25	25		19.01			
10	256QAM	50	0		19.02			
Channel				23305	23330	23355		
Frequency (MHz)				790.5	793	795.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.77	22.92	22.74		
5	QPSK	1	12	22.58	22.92	22.64	24	0
5	QPSK	1	24	22.57	22.81	22.63		
5	QPSK	12	0	22.68	22.80	22.67		
5	QPSK	12	7	22.63	22.80	22.72	24	0
5	QPSK	12	13	22.64	22.77	22.73		
5	QPSK	25	0	22.60	22.94	22.54		
5	16QAM	1	0	22.67	22.70	22.55		
5	16QAM	1	12	22.60	22.86	22.65	24	0
5	16QAM	1	24	22.75	22.76	22.63		
5	16QAM	12	0	21.86	21.95	21.65		
5	16QAM	12	7	21.81	21.84	21.63	23	1
5	16QAM	12	13	21.75	21.98	21.59		
5	16QAM	25	0	21.78	21.79	21.69		
5	64QAM	1	0	21.72	21.84	21.64		
5	64QAM	1	12	21.73	21.84	21.79	23	1
5	64QAM	1	24	21.78	21.83	21.84		
5	64QAM	12	0	20.77	20.95	20.80		
5	64QAM	12	7	20.66	20.94	20.61	22	2
5	64QAM	12	13	20.78	20.86	20.79		
5	64QAM	25	0	20.79	20.75	20.72		
5	256QAM	1	0	18.73	18.84	18.67		
5	256QAM	1	12	18.86	18.75	18.72	20	4
5	256QAM	1	24	18.73	18.97	18.79		
5	256QAM	12	0	18.61	18.99	18.65		
5	256QAM	12	7	18.76	18.89	18.80	20	4
5	256QAM	12	13	18.79	18.99	18.68		
5	256QAM	25	0	18.75	18.90	18.63		

Band 17

BW [MHz]	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	22.99	23.08	23.00		
10	QPSK	1	25	22.96	23.05	22.86	24	0
10	QPSK	1	49	22.92	23.02	22.88		
10	QPSK	25	0	22.89	23.05	22.91		
10	QPSK	25	12	22.82	22.93	22.92	24	0
10	QPSK	25	25	22.95	23.02	22.98		
10	QPSK	50	0	22.92	22.97	22.94		
10	16QAM	1	0	22.94	23.05	22.83		
10	16QAM	1	25	22.97	23.00	22.97	24	0
10	16QAM	1	49	22.91	22.97	22.95		
10	16QAM	25	0	21.98	22.13	21.96		
10	16QAM	25	12	22.06	21.96	22.00	23	1
10	16QAM	25	25	21.96	22.23	22.12		
10	16QAM	50	0	21.92	22.03	22.11		
10	64QAM	1	0	22.00	21.99	22.12		
10	64QAM	1	25	22.13	22.21	22.08	23	1
10	64QAM	1	49	22.03	22.14	22.02		
10	64QAM	25	0	20.86	21.22	21.04		
10	64QAM	25	12	20.93	21.11	21.05	22	2
10	64QAM	25	25	20.92	21.22	20.89		
10	64QAM	50	0	21.04	21.13	20.97		
10	256QAM	1	0	19.00	19.04	18.87		
10	256QAM	1	25	18.95	19.19	18.87	20	4
10	256QAM	1	49	18.86	18.97	18.90		
10	256QAM	25	0	19.01	19.11	18.96		
10	256QAM	25	12	19.00	19.22	18.98	20	4
10	256QAM	25	25	19.00	19.19	18.94		
10	256QAM	50	0	19.03	19.20	19.10		
Channel				23755	23790	23825		
Frequency (MHz)				706.5	710	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.91	23.04	22.85		
5	QPSK	1	12	22.93	22.99	22.82	24	0
5	QPSK	1	24	22.82	22.90	22.82		
5	QPSK	12	0	22.74	22.89	22.82		
5	QPSK	12	7	22.74	22.85	22.80	24	0
5	QPSK	12	13	22.90	22.88	22.81		
5	QPSK	25	0	22.80	22.91	22.79		
5	16QAM	1	0	22.78	22.92	22.78		
5	16QAM	1	12	22.89	22.92	22.92	24	0
5	16QAM	1	24	22.74	22.80	22.79		
5	16QAM	12	0	21.95	22.08	21.82		
5	16QAM	12	7	22.01	21.87	21.95	23	1
5	16QAM	12	13	21.93	22.06	22.04		
5	16QAM	25	0	21.81	21.92	22.08		
5	64QAM	1	0	21.95	21.95	21.99		
5	64QAM	1	12	22.01	22.15	21.90	23	1
5	64QAM	1	24	22.00	21.97	21.84		
5	64QAM	12	0	20.76	21.11	20.93		
5	64QAM	12	7	20.89	21.02	20.93	22	2
5	64QAM	12	13	20.81	21.17	20.81		
5	64QAM	25	0	20.94	20.96	20.88		
5	256QAM	1	0	18.85	18.87	18.70		
5	256QAM	1	12	18.84	19.13	18.84	20	4
5	256QAM	1	24	18.75	18.84	18.88		
5	256QAM	12	0	18.86	19.04	18.89		
5	256QAM	12	7	18.87	19.14	18.82	20	4
5	256QAM	12	13	18.85	19.07	18.83		
5	256QAM	25	0	19.00	19.16	18.95		

Band 25

BW [MHz]	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	18.99	19.24	19.19		
20	QPSK	1	49	19.04	19.03	19.08	20.4	0
20	QPSK	1	99	18.92	19.01	19.12		
20	QPSK	50	0	19.12	19.13	19.00		
20	QPSK	50	24	19.06	18.95	19.08	20.4	0
20	QPSK	50	50	18.98	19.01	19.04		
20	QPSK	100	0	19.10	19.11	19.09		
20	16QAM	1	0	19.02	19.07	19.00		
20	16QAM	1	49	19.19	19.07	19.00	20.4	0
20	16QAM	1	99	18.95	19.15	18.99		
20	16QAM	50	0	18.94	18.90	18.94		
20	16QAM	50	24	18.98	19.17	19.04	20.4	0
20	16QAM	50	50	19.06	19.08	19.08		
20	16QAM	100	0	19.11	19.15	19.02		
20	64QAM	1	0	19.16	19.08	19.14		
20	64QAM	1	49	18.96	19.01	19.04	20.4	0
20	64QAM	1	99	18.99	19.11	19.01		
20	64QAM	50	0	19.12	19.05	19.00		
20	64QAM	50	24	19.05	19.02	19.05	20.4	0
20	64QAM	50	50	19.17	18.99	19.03		
20	64QAM	100	0	19.10	19.05	18.91		
20	256QAM	1	0	18.94	19.11	19.03		
20	256QAM	1	49	19.03	18.95	19.04	20.4	0
20	256QAM	1	99	19.02	18.94	19.04		
20	256QAM	50	0	19.08	19.09	18.96		
20	256QAM	50	24	19.00	19.18	19.08	20.4	0
20	256QAM	50	50	19.10	19.09	19.08		
20	256QAM	100	0	19.12	18.97	18.93		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	18.82	19.15	19.05		
15	QPSK	1	37	18.99	18.89	18.95	20.4	0
15	QPSK	1	74	18.82	18.87	19.08		
15	QPSK	36	0	18.98	18.95	18.86		
15	QPSK	36	20	18.94	18.92	18.93	20.4	0
15	QPSK	36	39	18.86	18.89	18.88		
15	QPSK	75	0	19.07	19.00	18.99		
15	16QAM	1	0	18.94	18.90	18.86		
15	16QAM	1	37	19.15	19.00	18.94	20.4	0
15	16QAM	1	74	18.91	19.09	18.84		
15	16QAM	36	0	18.87	18.82	18.86		
15	16QAM	36	20	18.90	19.03	18.95	20.4	0
15	16QAM	36	39	18.93	18.95	19.04		
15	16QAM	75	0	19.01	19.03	18.90		
15	64QAM	1	0	19.13	19.03	19.08		
15	64QAM	1	37	18.91	18.93	18.99	20.4	0
15	64QAM	1	74	18.94	19.06	18.84		
15	64QAM	36	0	18.97	19.02	18.92		
15	64QAM	36	20	18.95	19.00	18.92	20.4	0
15	64QAM	36	39	19.11	18.96	18.99		
15	64QAM	75	0	19.05	18.96	18.85		
15	256QAM	1	0	18.89	18.98	18.89		
15	256QAM	1	37	18.98	18.87	18.97	20.4	0
15	256QAM	1	74	18.98	18.87	18.94		
15	256QAM	36	0	18.90	18.93	18.80		
15	256QAM	36	20	18.95	19.05	18.98	20.4	0
15	256QAM	36	39	19.01	18.96	19.00		
15	256QAM	75	0	19.08	18.94	18.86		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	18.91	19.16	19.10		
10	QPSK	1	25	18.95	18.89	18.94	20.4	0
10	QPSK	1	49	18.78	18.85	19.03		
10	QPSK	25	0	19.02	19.06	18.90		
10	QPSK	25	12	18.97	18.80	19.03	20.4	0
10	QPSK	25	25	18.93	18.87	18.91		
10	QPSK	50	0	18.96	18.98	18.93		
10	16QAM	1	0	18.99	18.95	18.97		
10	16QAM	1	25	19.15	18.93	18.96	20.4	0
10	16QAM	1	49	18.79	18.99	18.96		
10	16QAM	25	0	18.86	18.72	18.76		
10	16QAM	25	12	18.93	19.09	18.94	20.4	0
10	16QAM	25	25	18.93	19.03	18.99		
10	16QAM	50	0	19.06	19.01	18.98		
10	64QAM	1	0	19.02	18.97	19.08		
10	64QAM	1	25	18.94	18.94	18.92	20.4	0
10	64QAM	1	49	18.84	18.96	18.99		
10	64QAM	25	0	19.04	18.99	18.88		
10	64QAM	25	12	19.00	18.87	18.89	20.4	0
10	64QAM	25	25	19.02	18.82	18.88		
10	64QAM	50	0	18.96	18.94	18.85		
10	256QAM	1	0	18.82	18.97	18.86		
10	256QAM	1	25	18.86	18.81	18.93	20.4	0
10	256QAM	1	49	18.90	18.78	18.98		
10	256QAM	25	0	19.05	19.06	18.85		
10	256QAM	25	12	18.94	19.09	19.03	20.4	0
10	256QAM	25	25	18.99	18.95	18.99		
10	256QAM	50	0	18.99	18.85	18.80		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	18.86	19.17	19.05		
5	QPSK	1	12	18.90	18.93	19.01	20.4	0
5	QPSK	1	24	18.84	18.96	19.07		
5	QPSK	12	0	18.98	18.98	18.88		
5	QPSK	12	7	19.03	18.77	19.01	20.4	0
5	QPSK	12	13	18.87	18.93	18.88		
5	QPSK	25	0	18.94	19.05	18.93		
5	16QAM	1	0	18.87	18.99	18.83		
5	16QAM	1	12	19.09	19.02	18.94	20.4	0
5	16QAM	1	24	18.81	19.08	18.93		
5	16QAM	12	0	18.79	18.79	18.87		
5	16QAM	12	7	18.91	18.99	18.87	20.4	0
5	16QAM	12	13	18.97	18.92	18.93		
5	16QAM	25	0	18.98	19.07	18.92		
5	64QAM	1	0	19.13	18.96	19.11		
5	64QAM	1	12	18.86	18.83	18.98	20.4	0
5	64QAM	1	24	18.84	19.00	18.84		
5	64QAM	12	0	19.08	18.90	18.98		
5	64QAM	12	7	18.90	18.96	18.87	20.4	0
5	64QAM	12	13	19.14	18.87	18.90		
5	64QAM	25	0	19.03	18.98	18.75		
5	256QAM	1	0	18.81	18.97	18.98		
5	256QAM	1	12	18.97	18.88	18.89	20.4	0
5	256QAM	1	24	18.96	18.92	19.02		
5	256QAM	12	0	19.03	19.05	18.82		
5	256QAM	12	7	18.83	19.04	18.95	20.4	0
5	256QAM	12	13	18.94	19.07	18.96		
5	256QAM	25	0	19.07	18.85	18.82		
Channel				26043	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	18.95	19.09	19.15		
3	QPSK	1	8	19.00	18.95	19.02	20.4	0
3	QPSK	1	14	18.82	18.87	19.03		
3	QPSK	8	0	19.05	19.03	18.90		
3	QPSK	8	4	18.98	18.77	18.92	20.4	0
3	QPSK	8	7	18.94	18.93	18.88		
3	QPSK	15	0	18.92	19.01	18.97		
3	16QAM	1	0	18.86	18.96	18.83		
3	16QAM	1	8	19.07	18.96	18.96	20.4	0
3	16QAM	1	14	18.85	19.03	18.90		
3	16QAM	8	0	18.85	18.87	18.80		
3	16QAM	8	4	18.93	19.01	18.94	20.4	0
3	16QAM	8	7	18.88	18.95	18.93		
3	16QAM	15	0	19.08	19.11	18.89		
3	64QAM	1	0	19.01	18.95	19.03		
3	64QAM	1	8	18.86	18.90	18.97	20.4	0
3	64QAM	1	14	18.89	19.01	18.94		
3	64QAM	8	0	19.05	18.88	18.90		
3	64QAM	8	4	18.88	18.86	18.94	20.4	0
3	64QAM	8	7	19.02	18.95	18.85		
3	64QAM	15	0	19.01	18.95	18.87		
3	256QAM	1	0	18.83	19.06	18.95		
3	256QAM	1	8	19.01	18.90	18.99	20.4	0
3	256QAM	1	14	19.00	18.78	18.96		
3	256QAM	8	0	18.99	18.93	18.88		
3	256QAM	8	4	18.97	19.15	18.91	20.4	0
3	256QAM	8	7	18.95	18.98	18.98		
3	256QAM	15	0	18.90	18.93	18.85		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	18.86	19.17	19.16		
1.4	QPSK	1	3	19.00	18.90	18.95		
1.4	QPSK	1	5	18.84	18.85	19.06	20.4	0
1.4	QPSK	3	0	19.03	18.99	18.97		
1.4	QPSK	3	1	19.03	18.87	19.04		
1.4	QPSK	3	3	18.93	18.97	18.86		
1.4	QPSK	6	0	18.95	19.08	18.97	20.4	0
1.4	16QAM	1	0	18.87	18.91	18.93		
1.4	16QAM	1	3	19.14	18.92	18.84		
1.4	16QAM	1	5	18.78	19.11	18.84	20.4	0
1.4	16QAM	3	0	18.84	18.74	18.84		
1.4	16QAM	3	1	18.81	19.01	18.94		
1.4	16QAM	3	3	18.93	19.01	18.97		
1.4	16QAM	6	0	18.96	19.07	18.86	20.4	0
1.4	64QAM	1	0	19.10	19.02	19.05		
1.4	64QAM	1	3	18.81	18.85	19.00		
1.4	64QAM	1	5	18.86	18.93	18.89	20.4	0
1.4	64QAM	3	0	19.01	19.00	18.92		
1.4	64QAM	3	1	18.90	18.99	18.92		
1.4	64QAM	3	3	19.11	18.93	18.92		
1.4	64QAM	6	0	18.96	18.93	18.80	20.4	0
1.4	256QAM	1	0	18.77	18.97	18.92		
1.4	256QAM	1	3	18.99	18.87	18.90		
1.4	256QAM	1	5	18.88	18.79	18.98	20.4	0
1.4	256QAM	3	0	18.96	19.02	18.89		
1.4	256QAM	3	1	18.94	19.08	19.02		
1.4	256QAM	3	3	18.97	18.91	19.02		
1.4	256QAM	6	0	19.03	18.94	18.77	20.4	0

Band 26 for FCC

BW [MHz]	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	22.57	22.70	22.56		
15	QPSK	1	37	22.49	22.52	22.46	24	0
15	QPSK	1	74	22.46	22.59	22.40		
15	QPSK	36	0	22.39	22.63	22.51		
15	QPSK	36	20	22.54	22.57	22.47	24	0
15	QPSK	36	39	22.50	22.60	22.53		
15	QPSK	75	0	22.53	22.58	22.40		
15	16QAM	1	0	22.48	22.58	22.49		
15	16QAM	1	37	22.51	22.67	22.46	24	0
15	16QAM	1	74	22.40	22.67	22.48		
15	16QAM	36	0	21.59	21.62	21.67		
15	16QAM	36	20	21.52	21.57	21.50	23	1
15	16QAM	36	39	21.57	21.81	21.56		
15	16QAM	75	0	21.54	21.69	21.63		
15	64QAM	1	0	21.72	21.57	21.60		
15	64QAM	1	37	21.62	21.72	21.65	23	1
15	64QAM	1	74	21.48	21.63	21.45		
15	64QAM	36	0	20.67	20.69	20.52		
15	64QAM	36	20	20.42	20.64	20.41	22	2
15	64QAM	36	39	20.52	20.81	20.70		
15	64QAM	75	0	20.43	20.74	20.43		
15	256QAM	1	0	18.49	18.65	18.48		
15	256QAM	1	37	18.45	18.55	18.54	20	4
15	256QAM	1	74	18.44	18.64	18.53		
15	256QAM	36	0	18.58	18.71	18.63		
15	256QAM	36	20	18.61	18.68	18.62	20	4
15	256QAM	36	39	18.62	18.57	18.61		
15	256QAM	75	0	18.58	18.57	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.46	22.65	22.49		
10	QPSK	1	25	22.46	22.48	22.36	24	0
10	QPSK	1	49	22.39	22.45	22.29		
10	QPSK	25	0	22.22	22.48	22.35		
10	QPSK	25	12	22.39	22.42	22.37	24	0
10	QPSK	25	25	22.39	22.44	22.40		
10	QPSK	50	0	22.46	22.44	22.27		
10	16QAM	1	0	22.40	22.43	22.32		
10	16QAM	1	25	22.42	22.52	22.39	24	0
10	16QAM	1	49	22.29	22.55	22.38		
10	16QAM	25	0	21.46	21.54	21.65		
10	16QAM	25	12	21.44	21.48	21.45	23	1
10	16QAM	25	25	21.49	21.69	21.49		
10	16QAM	50	0	21.49	21.52	21.49		
10	64QAM	1	0	21.64	21.44	21.57		
10	64QAM	1	25	21.55	21.66	21.47	23	1
10	64QAM	1	49	21.35	21.49	21.36		
10	64QAM	25	0	20.58	20.62	20.43		
10	64QAM	25	12	20.37	20.53	20.33	22	2
10	64QAM	25	25	20.35	20.74	20.53		
10	64QAM	50	0	20.34	20.60	20.36		
10	256QAM	1	0	18.33	18.55	18.33		
10	256QAM	1	25	18.42	18.50	18.37	20	4
10	256QAM	1	49	18.27	18.48	18.38		
10	256QAM	25	0	18.41	18.55	18.55		
10	256QAM	25	12	18.48	18.66	18.50	20	4
10	256QAM	25	25	18.53	18.41	18.46		
10	256QAM	50	0	18.55	18.51	18.32		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.54	22.68	22.41		
5	QPSK	1	12	22.42	22.50	22.43	24	0
5	QPSK	1	24	22.28	22.53	22.25		
5	QPSK	12	0	22.24	22.45	22.34		
5	QPSK	12	7	22.37	22.47	22.45	24	0
5	QPSK	12	13	22.47	22.58	22.37		
5	QPSK	25	0	22.47	22.51	22.23		
5	16QAM	1	0	22.44	22.48	22.45		
5	16QAM	1	12	22.33	22.50	22.34	24	0
5	16QAM	1	24	22.25	22.49	22.32		
5	16QAM	12	0	21.55	21.53	21.54		
5	16QAM	12	7	21.36	21.45	21.37	23	1
5	16QAM	12	13	21.40	21.74	21.38		
5	16QAM	25	0	21.48	21.56	21.56		
5	64QAM	1	0	21.55	21.47	21.44		
5	64QAM	1	12	21.47	21.56	21.58	23	1
5	64QAM	1	24	21.41	21.47	21.37		
5	64QAM	12	0	20.53	20.56	20.43		
5	64QAM	12	7	20.32	20.57	20.39	22	2
5	64QAM	12	13	20.42	20.78	20.57		
5	64QAM	25	0	20.37	20.68	20.37		
5	256QAM	1	0	18.34	18.61	18.32		
5	256QAM	1	12	18.40	18.48	18.42	20	4
5	256QAM	1	24	18.35	18.54	18.50		
5	256QAM	12	0	18.48	18.56	18.48		
5	256QAM	12	7	18.55	18.60	18.45	20	4
5	256QAM	12	13	18.47	18.52	18.48		
5	256QAM	25	0	18.51	18.40	18.38		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.54	22.52	22.54		
3	QPSK	1	8	22.40	22.52	22.33	24	0
3	QPSK	1	14	22.29	22.56	22.34		
3	QPSK	8	0	22.23	22.46	22.44		
3	QPSK	8	4	22.40	22.54	22.33	24	0
3	QPSK	8	7	22.36	22.53	22.45		
3	QPSK	15	0	22.46	22.45	22.31		
3	16QAM	1	0	22.40	22.46	22.39		
3	16QAM	1	8	22.43	22.58	22.36	24	0
3	16QAM	1	14	22.28	22.55	22.34		
3	16QAM	8	0	21.46	21.57	21.50		
3	16QAM	8	4	21.37	21.44	21.36	23	1
3	16QAM	8	7	21.39	21.71	21.44		
3	16QAM	15	0	21.40	21.64	21.60		
3	64QAM	1	0	21.56	21.49	21.46		
3	64QAM	1	8	21.46	21.67	21.55	23	1
3	64QAM	1	14	21.42	21.59	21.42		
3	64QAM	8	0	20.54	20.58	20.35		
3	64QAM	8	4	20.24	20.60	20.26	22	2
3	64QAM	8	7	20.50	20.65	20.62		
3	64QAM	15	0	20.40	20.64	20.25		
3	256QAM	1	0	18.39	18.55	18.36		
3	256QAM	1	8	18.41	18.51	18.52	20	4
3	256QAM	1	14	18.32	18.57	18.51		
3	256QAM	8	0	18.55	18.54	18.57	20	4
3	256QAM	8	4	18.51	18.51	18.48		
3	256QAM	8	7	18.49	18.54	18.56		
3	256QAM	15	0	18.40	18.50	18.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.40	22.59	22.54		
1.4	QPSK	1	3	22.44	22.68	22.45		
1.4	QPSK	1	5	22.39	22.63	22.44	24	0
1.4	QPSK	3	0	22.47	22.63	22.44		
1.4	QPSK	3	1	22.50	22.52	22.49		
1.4	QPSK	3	3	22.48	22.56	22.38		
1.4	QPSK	6	0	22.46	22.67	22.53	24	0
1.4	16QAM	1	0	22.50	22.43	22.43		
1.4	16QAM	1	3	22.46	22.59	22.49		
1.4	16QAM	1	5	22.41	22.59	22.49	24	0
1.4	16QAM	3	0	22.54	22.67	22.41		
1.4	16QAM	3	1	22.42	22.54	22.39		
1.4	16QAM	3	3	22.53	22.67	22.39		
1.4	16QAM	6	0	21.52	21.59	21.56	23	1
1.4	64QAM	1	0	21.47	21.83	21.65		
1.4	64QAM	1	3	21.58	21.60	21.47		
1.4	64QAM	1	5	21.47	21.72	21.49	23	1
1.4	64QAM	3	0	21.46	21.65	21.68		
1.4	64QAM	3	1	21.56	21.67	21.52		
1.4	64QAM	3	3	21.43	21.75	21.70		
1.4	64QAM	6	0	20.70	20.60	20.69	22	2
1.4	256QAM	1	0	18.50	18.69	18.65		
1.4	256QAM	1	3	18.62	18.63	18.42		
1.4	256QAM	1	5	18.44	18.65	18.47	20	4
1.4	256QAM	3	0	18.59	18.57	18.70		
1.4	256QAM	3	1	18.70	18.75	18.67		
1.4	256QAM	3	3	18.47	18.85	18.64		
1.4	256QAM	6	0	18.69	18.79	18.58	20	4

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0	16.94	17.02	16.84		
10	QPSK	1	25	16.93	16.82	16.97	18.1	0
10	QPSK	1	49	16.92	16.85	16.85		
10	QPSK	25	0	16.92	16.98	16.94		
10	QPSK	25	12	16.86	16.88	16.93	18.1	0
10	QPSK	25	25	16.97	16.92	16.87		
10	QPSK	50	0	16.91	16.95	16.87		
10	16QAM	1	0	16.91	16.93	16.91		
10	16QAM	1	25	16.83	16.84	16.90	18.1	0
10	16QAM	1	49	16.86	16.90	16.96		
10	16QAM	25	0	16.86	16.82	16.87		
10	16QAM	25	12	16.97	16.90	16.96	18.1	0
10	16QAM	25	25	16.91	16.96	16.94		
10	16QAM	50	0	16.93	16.95	16.89		
10	64QAM	1	0	16.87	16.86	16.86		
10	64QAM	1	25	16.94	16.96	16.83	18.1	0
10	64QAM	1	49	16.95	16.91	16.93		
10	64QAM	25	0	16.96	16.93	16.91		
10	64QAM	25	12	16.83	16.87	16.94	18.1	0
10	64QAM	25	25	16.96	16.98	16.89		
10	64QAM	50	0	16.94	16.93	16.92		
10	256QAM	1	0	16.34	16.35	16.35		
10	256QAM	1	25	16.50	16.49	16.34	17.6	0.5
10	256QAM	1	49	16.47	16.34	16.38		
10	256QAM	25	0	16.51	16.42	16.36		
10	256QAM	25	12	16.28	16.37	16.47	17.6	0.5
10	256QAM	25	25	16.48	16.46	16.40		
10	256QAM	50	0	16.45	16.40	16.45		
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	16.77	16.91	16.81		
5	QPSK	1	12	16.76	16.71	16.81	18.1	0
5	QPSK	1	24	16.79	16.70	16.74		
5	QPSK	12	0	16.77	16.94	16.90		
5	QPSK	12	7	16.82	16.76	16.85	18.1	0
5	QPSK	12	13	16.90	16.76	16.75		
5	QPSK	25	0	16.87	16.81	16.74		
5	16QAM	1	0	16.88	16.90	16.74		
5	16QAM	1	12	16.67	16.78	16.78	18.1	0
5	16QAM	1	24	16.79	16.74	16.92		
5	16QAM	12	0	16.72	16.70	16.69		
5	16QAM	12	7	16.88	16.76	16.87	18.1	0
5	16QAM	12	13	16.79	16.87	16.83		
5	16QAM	25	0	16.87	16.90	16.85		
5	64QAM	1	0	16.73	16.70	16.77		
5	64QAM	1	12	16.85	16.80	16.74	18.1	0
5	64QAM	1	24	16.88	16.87	16.86		
5	64QAM	12	0	16.78	16.88	16.83		
5	64QAM	12	7	16.65	16.83	16.79	18.1	0
5	64QAM	12	13	16.80	16.96	16.78		
5	64QAM	25	0	16.91	16.88	16.87		
5	256QAM	1	0	16.24	16.28	16.20		
5	256QAM	1	12	16.46	16.37	16.28	17.6	0.5
5	256QAM	1	24	16.44	16.22	16.27		
5	256QAM	12	0	16.34	16.33	16.32		
5	256QAM	12	7	16.18	16.34	16.44	17.6	0.5
5	256QAM	12	13	16.38	16.31	16.37		
5	256QAM	25	0	16.41	16.32	16.28		

Band 66

BW [MHz]	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	19.52	19.83	19.76		
20	QPSK	1	49	19.55	19.66	19.68	20.8	0
20	QPSK	1	99	19.62	19.64	19.65		
20	QPSK	50	0	19.67	19.70	19.60		
20	QPSK	50	24	19.53	19.56	19.65	20.8	0
20	QPSK	50	50	19.66	19.56	19.58		
20	QPSK	100	0	19.68	19.69	19.53		
20	16QAM	1	0	19.68	19.69	19.55		
20	16QAM	1	49	19.55	19.64	19.56	20.8	0
20	16QAM	1	99	19.61	19.71	19.56		
20	16QAM	50	0	19.49	19.69	19.60		
20	16QAM	50	24	19.62	19.58	19.65	20.8	0
20	16QAM	50	50	19.56	19.58	19.55		
20	16QAM	100	0	19.65	19.50	19.56		
20	64QAM	1	0	19.62	19.67	19.72		
20	64QAM	1	49	19.59	19.57	19.51	20.8	0
20	64QAM	1	99	19.61	19.66	19.57		
20	64QAM	50	0	19.53	19.66	19.58		
20	64QAM	50	24	19.46	19.64	19.47	20.8	0
20	64QAM	50	50	19.57	19.71	19.51		
20	64QAM	100	0	19.55	19.49	19.54		
20	256QAM	1	0	18.81	18.80	18.78		
20	256QAM	1	49	18.62	18.66	18.77	19.8	1
20	256QAM	1	99	18.67	18.72	18.64		
20	256QAM	50	0	18.72	18.82	18.60		
20	256QAM	50	24	18.61	18.72	18.65	19.8	1
20	256QAM	50	50	18.66	18.64	18.65		
20	256QAM	100	0	18.59	18.70	18.77		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.42	19.58	19.48		
15	QPSK	1	37	19.37	19.58	19.61	20.8	0
15	QPSK	1	74	19.48	19.55	19.58		
15	QPSK	36	0	19.63	19.62	19.52		
15	QPSK	36	20	19.48	19.53	19.53	20.8	0
15	QPSK	36	39	19.58	19.45	19.45		
15	QPSK	75	0	19.61	19.53	19.50		
15	16QAM	1	0	19.64	19.57	19.42		
15	16QAM	1	37	19.52	19.54	19.44	20.8	0
15	16QAM	1	74	19.52	19.68	19.50		
15	16QAM	36	0	19.44	19.57	19.53		
15	16QAM	36	20	19.49	19.51	19.57	20.8	0
15	16QAM	36	39	19.38	19.53	19.51		
15	16QAM	75	0	19.56	19.32	19.41		
15	64QAM	1	0	19.55	19.58	19.70		
15	64QAM	1	37	19.50	19.48	19.34	20.8	0
15	64QAM	1	74	19.46	19.51	19.50		
15	64QAM	36	0	19.38	19.63	19.51		
15	64QAM	36	20	19.31	19.46	19.36	20.8	0
15	64QAM	36	39	19.48	19.58	19.38		
15	64QAM	75	0	19.42	19.37	19.42		
15	256QAM	1	0	18.70	18.68	18.67		
15	256QAM	1	37	18.50	18.50	18.71	19.8	1
15	256QAM	1	74	18.49	18.61	18.60		
15	256QAM	36	0	18.69	18.74	18.47		
15	256QAM	36	20	18.48	18.62	18.57	19.8	1
15	256QAM	36	39	18.56	18.51	18.53		
15	256QAM	75	0	18.50	18.55	18.66		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.48	19.66	19.52		
10	QPSK	1	25	19.41	19.58	19.64	20.8	0
10	QPSK	1	49	19.59	19.53	19.60		
10	QPSK	25	0	19.52	19.60	19.45		
10	QPSK	25	12	19.39	19.51	19.53	20.8	0
10	QPSK	25	25	19.61	19.54	19.47		
10	QPSK	50	0	19.60	19.63	19.44		
10	16QAM	1	0	19.63	19.53	19.38		
10	16QAM	1	25	19.49	19.58	19.48	20.8	0
10	16QAM	1	49	19.58	19.58	19.41		
10	16QAM	25	0	19.45	19.57	19.47		
10	16QAM	25	12	19.58	19.46	19.62	20.8	0
10	16QAM	25	25	19.44	19.47	19.47		
10	16QAM	50	0	19.58	19.33	19.53		
10	64QAM	1	0	19.57	19.56	19.63		
10	64QAM	1	25	19.45	19.42	19.38	20.8	0
10	64QAM	1	49	19.48	19.52	19.48		
10	64QAM	25	0	19.37	19.63	19.56		
10	64QAM	25	12	19.41	19.37	19.32	20.8	0
10	64QAM	25	25	19.47	19.67	19.34		
10	64QAM	50	0	19.47	19.43	19.40		
10	256QAM	1	0	18.69	18.73	18.68		
10	256QAM	1	25	18.49	18.62	18.73	19.8	1
10	256QAM	1	49	18.63	18.65	18.48		
10	256QAM	25	0	18.70	18.79	18.49		
10	256QAM	25	12	18.52	18.64	18.59	19.8	1
10	256QAM	25	25	18.56	18.56	18.58		
10	256QAM	50	0	18.52	18.63	18.67		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.43	19.66	19.50		
5	QPSK	1	12	19.52	19.60	19.65	20.8	0
5	QPSK	1	24	19.50	19.49	19.53		
5	QPSK	12	0	19.58	19.64	19.51		
5	QPSK	12	7	19.36	19.47	19.54	20.8	0
5	QPSK	12	13	19.54	19.45	19.56		
5	QPSK	25	0	19.56	19.54	19.46		
5	16QAM	1	0	19.54	19.59	19.37		
5	16QAM	1	12	19.46	19.55	19.41	20.8	0
5	16QAM	1	24	19.49	19.55	19.41		
5	16QAM	12	0	19.44	19.59	19.47		
5	16QAM	12	7	19.54	19.45	19.51	20.8	0
5	16QAM	12	13	19.46	19.55	19.41		
5	16QAM	25	0	19.49	19.42	19.48		
5	64QAM	1	0	19.50	19.51	19.70		
5	64QAM	1	12	19.42	19.55	19.42	20.8	0
5	64QAM	1	24	19.53	19.62	19.44		
5	64QAM	12	0	19.49	19.54	19.46		
5	64QAM	12	7	19.43	19.46	19.33	20.8	0
5	64QAM	12	13	19.54	19.56	19.43		
5	64QAM	25	0	19.37	19.34	19.41		
5	256QAM	1	0	18.74	18.68	18.75		
5	256QAM	1	12	18.49	18.52	18.67	19.8	1
5	256QAM	1	24	18.53	18.68	18.61		
5	256QAM	12	0	18.55	18.73	18.55		
5	256QAM	12	7	18.57	18.58	18.61	19.8	1
5	256QAM	12	13	18.53	18.55	18.58		
5	256QAM	25	0	18.54	18.66	18.64		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.44	19.69	19.49		
3	QPSK	1	8	19.45	19.52	19.65	20.8	0
3	QPSK	1	14	19.55	19.47	19.58		
3	QPSK	8	0	19.59	19.56	19.50		
3	QPSK	8	4	19.38	19.50	19.47	20.8	0
3	QPSK	8	7	19.55	19.51	19.49		
3	QPSK	15	0	19.65	19.66	19.41		
3	16QAM	1	0	19.54	19.53	19.37		
3	16QAM	1	8	19.53	19.57	19.51	20.8	0
3	16QAM	1	14	19.49	19.57	19.52		
3	16QAM	8	0	19.37	19.58	19.53		
3	16QAM	8	4	19.54	19.46	19.57	20.8	0
3	16QAM	8	7	19.39	19.52	19.50		
3	16QAM	15	0	19.51	19.46	19.50		
3	64QAM	1	0	19.45	19.59	19.64		
3	64QAM	1	8	19.43	19.54	19.37	20.8	0
3	64QAM	1	14	19.53	19.52	19.45		
3	64QAM	8	0	19.48	19.62	19.55		
3	64QAM	8	4	19.42	19.42	19.39	20.8	0
3	64QAM	8	7	19.45	19.65	19.49		
3	64QAM	15	0	19.44	19.38	19.41		
3	256QAM	1	0	18.77	18.62	18.63		
3	256QAM	1	8	18.49	18.54	18.67	19.8	1
3	256QAM	1	14	18.51	18.65	18.60		
3	256QAM	8	0	18.67	18.72	18.50		
3	256QAM	8	4	18.56	18.65	18.59	19.8	1
3	256QAM	8	7	18.56	18.61	18.60		
3	256QAM	15	0	18.44	18.54	18.69		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.41	19.61	19.43		
1.4	QPSK	1	3	19.48	19.63	19.58		
1.4	QPSK	1	5	19.59	19.54	19.60	20.8	0
1.4	QPSK	3	0	19.52	19.55	19.57		
1.4	QPSK	3	1	19.44	19.50	19.62		
1.4	QPSK	3	3	19.54	19.51	19.41		
1.4	QPSK	6	0	19.52	19.62	19.46	20.8	0
1.4	16QAM	1	0	19.56	19.64	19.44		
1.4	16QAM	1	3	19.52	19.51	19.49		
1.4	16QAM	1	5	19.54	19.58	19.52	20.8	0
1.4	16QAM	3	0	19.33	19.60	19.53		
1.4	16QAM	3	1	19.56	19.49	19.52		
1.4	16QAM	3	3	19.42	19.48	19.42		
1.4	16QAM	6	0	19.48	19.36	19.40	20.8	0
1.4	64QAM	1	0	19.56	19.59	19.60		
1.4	64QAM	1	3	19.42	19.40	19.38		
1.4	64QAM	1	5	19.54	19.63	19.52	20.8	0
1.4	64QAM	3	0	19.50	19.55	19.45		
1.4	64QAM	3	1	19.35	19.36	19.39		
1.4	64QAM	3	3	19.47	19.68	19.41		
1.4	64QAM	6	0	19.52	19.44	19.48	20.8	0
1.4	256QAM	1	0	18.75	18.73	18.76		
1.4	256QAM	1	3	18.53	18.61	18.71		
1.4	256QAM	1	5	18.56	18.62	18.58	19.8	1
1.4	256QAM	3	0	18.68	18.66	18.55		
1.4	256QAM	3	1	18.43	18.70	18.62		
1.4	256QAM	3	3	18.59	18.57	18.55		
1.4	256QAM	6	0	18.55	18.66	18.73	19.8	1

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.84	22.89	22.76		
20	QPSK	1	49	22.78	22.76	22.68	24	0
20	QPSK	1	99	22.66	22.79	22.71		
20	QPSK	50	0	22.70	22.87	22.63		
20	QPSK	50	24	22.74	22.83	22.68	24	0
20	QPSK	50	50	22.66	22.86	22.69		
20	QPSK	100	0	22.68	22.75	22.66		
20	16QAM	1	0	22.80	22.83	22.61		
20	16QAM	1	49	22.76	22.76	22.64	24	0
20	16QAM	1	99	22.74	22.75	22.68		
20	16QAM	50	0	21.71	21.76	21.71		
20	16QAM	50	24	21.71	21.90	21.84	23	1
20	16QAM	50	50	21.83	21.95	21.89		
20	16QAM	100	0	21.71	21.79	21.80		
20	64QAM	1	0	21.70	21.97	21.90		
20	64QAM	1	49	21.90	21.87	21.86	23	1
20	64QAM	1	99	21.87	21.78	21.90		
20	64QAM	50	0	20.86	20.90	20.72		
20	64QAM	50	24	20.85	20.74	20.91	22	2
20	64QAM	50	50	20.75	20.77	20.83		
20	64QAM	100	0	20.69	20.95	20.67		
20	256QAM	1	0	18.85	18.83	18.71		
20	256QAM	1	49	18.87	18.82	18.75	20	4
20	256QAM	1	99	18.93	18.85	18.71		
20	256QAM	50	0	18.87	18.76	18.72		
20	256QAM	50	24	18.83	18.96	18.62	20	4
20	256QAM	50	50	18.81	18.77	18.63		
20	256QAM	100	0	18.97	18.95	18.80		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.72	22.82	22.74		
15	QPSK	1	37	22.65	22.64	22.55	24	0
15	QPSK	1	74	22.48	22.62	22.54		
15	QPSK	36	0	22.52	22.76	22.57		
15	QPSK	36	20	22.60	22.76	22.54	24	0
15	QPSK	36	39	22.53	22.72	22.56		
15	QPSK	75	0	22.58	22.72	22.61		
15	16QAM	1	0	22.71	22.65	22.54		
15	16QAM	1	37	22.61	22.69	22.52	24	0
15	16QAM	1	74	22.62	22.66	22.60		
15	16QAM	36	0	21.56	21.60	21.65		
15	16QAM	36	20	21.67	21.72	21.69	23	1
15	16QAM	36	39	21.69	21.91	21.73		
15	16QAM	75	0	21.66	21.71	21.63		
15	64QAM	1	0	21.52	21.82	21.85		
15	64QAM	1	37	21.73	21.80	21.80	23	1
15	64QAM	1	74	21.77	21.61	21.78		
15	64QAM	36	0	20.77	20.86	20.69		
15	64QAM	36	20	20.70	20.68	20.82	22	2
15	64QAM	36	39	20.62	20.68	20.80		
15	64QAM	75	0	20.55	20.80	20.63		
15	256QAM	1	0	18.81	18.74	18.66		
15	256QAM	1	37	18.69	18.76	18.63	20	4
15	256QAM	1	74	18.80	18.80	18.66		
15	256QAM	36	0	18.77	18.63	18.66		
15	256QAM	36	20	18.66	18.86	18.59	20	4
15	256QAM	36	39	18.65	18.68	18.57		
15	256QAM	75	0	18.90	18.80	18.72		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.81	22.87	22.60		
10	QPSK	1	25	22.73	22.71	22.54	24	0
10	QPSK	1	49	22.53	22.62	22.65		
10	QPSK	25	0	22.55	22.79	22.55		
10	QPSK	25	12	22.64	22.80	22.53	24	0
10	QPSK	25	25	22.51	22.69	22.60		
10	QPSK	50	0	22.51	22.69	22.56		
10	16QAM	1	0	22.77	22.68	22.47		
10	16QAM	1	25	22.68	22.63	22.52	24	0
10	16QAM	1	49	22.72	22.63	22.61		
10	16QAM	25	0	21.53	21.69	21.58		
10	16QAM	25	12	21.55	21.81	21.72	23	1
10	16QAM	25	25	21.78	21.84	21.72		
10	16QAM	50	0	21.60	21.64	21.67		
10	64QAM	1	0	21.64	21.84	21.77		
10	64QAM	1	25	21.76	21.78	21.70	23	1
10	64QAM	1	49	21.71	21.69	21.74		
10	64QAM	25	0	20.81	20.74	20.66		
10	64QAM	25	12	20.75	20.56	20.82	22	2
10	64QAM	25	25	20.68	20.60	20.67		
10	64QAM	50	0	20.60	20.91	20.60		
10	256QAM	1	0	18.74	18.80	18.63		
10	256QAM	1	25	18.80	18.79	18.67	20	4
10	256QAM	1	49	18.81	18.82	18.65		
10	256QAM	25	0	18.79	18.62	18.68		
10	256QAM	25	12	18.74	18.88	18.49	20	4
10	256QAM	25	25	18.71	18.75	18.57		
10	256QAM	50	0	18.82	18.78	18.62		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.71	22.73	22.71		
5	QPSK	1	12	22.62	22.61	22.61	24	0
5	QPSK	1	24	22.64	22.65	22.57		
5	QPSK	12	0	22.62	22.80	22.57		
5	QPSK	12	7	22.62	22.78	22.51	24	0
5	QPSK	12	13	22.48	22.71	22.57		
5	QPSK	25	0	22.65	22.62	22.60		
5	16QAM	1	0	22.64	22.78	22.47		
5	16QAM	1	12	22.71	22.65	22.54	24	0
5	16QAM	1	24	22.67	22.64	22.56		
5	16QAM	12	0	21.65	21.73	21.57		
5	16QAM	12	7	21.59	21.80	21.77	23	1
5	16QAM	12	13	21.78	21.87	21.82		
5	16QAM	25	0	21.58	21.67	21.69		
5	64QAM	1	0	21.56	21.93	21.82		
5	64QAM	1	12	21.79	21.84	21.73	23	1
5	64QAM	1	24	21.75	21.71	21.84		
5	64QAM	12	0	20.79	20.76	20.57		
5	64QAM	12	7	20.69	20.57	20.88	22	2
5	64QAM	12	13	20.62	20.75	20.74		
5	64QAM	25	0	20.54	20.87	20.50		
5	256QAM	1	0	18.80	18.74	18.61		
5	256QAM	1	12	18.77	18.67	18.65	20	4
5	256QAM	1	24	18.88	18.80	18.63		
5	256QAM	12	0	18.71	18.63	18.66		
5	256QAM	12	7	18.66	18.92	18.54	20	4
5	256QAM	12	13	18.67	18.69	18.56		
5	256QAM	25	0	18.83	18.79	18.77		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.98	20.03	19.86	21.1	0
20	QPSK	1	49	19.93	19.94	19.98		
20	QPSK	1	99	19.93	19.86	19.84		
20	QPSK	50	0	19.89	20.00	19.89	21.1	0
20	QPSK	50	24	19.93	19.96	19.91		
20	QPSK	50	50	19.93	19.94	19.85		
20	QPSK	100	0	19.96	19.98	19.94		
20	16QAM	1	0	19.96	19.89	19.96	21.1	0
20	16QAM	1	49	19.85	19.88	20.00		
20	16QAM	1	99	19.91	19.93	19.89		
20	16QAM	50	0	19.89	19.92	19.88	21.1	0
20	16QAM	50	24	19.95	19.89	19.94		
20	16QAM	50	50	19.90	19.88	19.91		
20	16QAM	100	0	19.92	19.92	19.91		
20	64QAM	1	0	20.00	19.95	19.92	21.1	0
20	64QAM	1	49	19.96	19.99	19.89		
20	64QAM	1	99	19.86	19.89	19.90		
20	64QAM	50	0	19.86	19.90	19.87	21.1	0
20	64QAM	50	24	19.91	19.87	19.84		
20	64QAM	50	50	20.00	19.95	19.91		
20	64QAM	100	0	19.84	19.93	19.94		
20	256QAM	1	0	18.96	18.99	18.92	20.1	1
20	256QAM	1	49	18.94	18.87	18.97		
20	256QAM	1	99	18.95	18.99	18.92		
20	256QAM	50	0	18.88	18.99	18.90	20.1	1
20	256QAM	50	24	18.88	18.85	18.85		
20	256QAM	50	50	18.88	18.96	18.99		
20	256QAM	100	0	18.87	18.99	18.89		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.95	19.92	19.79	21.1	0
15	QPSK	1	37	19.90	19.82	19.95		
15	QPSK	1	74	19.80	19.75	19.73		
15	QPSK	36	0	19.79	19.96	19.78	21.1	0
15	QPSK	36	20	19.81	19.79	19.84		
15	QPSK	36	39	19.78	19.82	19.81		
15	QPSK	75	0	19.94	19.84	19.82		
15	16QAM	1	0	19.86	19.71	19.89	21.1	0
15	16QAM	1	37	19.79	19.70	19.94		
15	16QAM	1	74	19.87	19.79	19.79		
15	16QAM	36	0	19.76	19.82	19.83	21.1	0
15	16QAM	36	20	19.82	19.83	19.83		
15	16QAM	36	39	19.80	19.83	19.83		
15	16QAM	75	0	19.84	19.88	19.86		
15	64QAM	1	0	19.94	19.91	19.84	21.1	0
15	64QAM	1	37	19.79	19.92	19.82		
15	64QAM	1	74	19.73	19.80	19.75		
15	64QAM	36	0	19.75	19.87	19.78	21.1	0
15	64QAM	36	20	19.88	19.73	19.71		
15	64QAM	36	39	19.87	19.89	19.78		
15	64QAM	75	0	19.70	19.85	19.77		
15	256QAM	1	0	18.80	18.89	18.78	20.1	1
15	256QAM	1	37	18.84	18.69	18.90		
15	256QAM	1	74	18.85	18.84	18.87		
15	256QAM	36	0	18.80	18.95	18.87	20.1	1
15	256QAM	36	20	18.76	18.69	18.79		
15	256QAM	36	39	18.83	18.88	18.84		
15	256QAM	75	0	18.79	18.86	18.83		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.83	19.87	19.72	21.1	0
10	QPSK	1	25	19.78	19.80	19.92		
10	QPSK	1	49	19.87	19.79	19.81		
10	QPSK	25	0	19.81	19.84	19.72	21.1	0
10	QPSK	25	12	19.83	19.81	19.75		
10	QPSK	25	25	19.89	19.89	19.76		
10	QPSK	50	0	19.85	19.83	19.77		
10	16QAM	1	0	19.81	19.80	19.86	21.1	0
10	16QAM	1	25	19.80	19.83	19.92		
10	16QAM	1	49	19.80	19.89	19.85		
10	16QAM	25	0	19.84	19.77	19.83	21.1	0
10	16QAM	25	12	19.87	19.84	19.89		
10	16QAM	25	25	19.82	19.78	19.84		
10	16QAM	50	0	19.76	19.80	19.73		
10	64QAM	1	0	19.86	19.88	19.85	21.1	0
10	64QAM	1	25	19.84	19.82	19.78		
10	64QAM	1	49	19.76	19.85	19.75		
10	64QAM	25	0	19.69	19.73	19.73	21.1	0
10	64QAM	25	12	19.84	19.76	19.73		
10	64QAM	25	25	19.90	19.78	19.85		
10	64QAM	50	0	19.80	19.76	19.76		
10	256QAM	1	0	18.85	18.95	18.88	20.1	1
10	256QAM	1	25	18.85	18.83	18.80		
10	256QAM	1	49	18.85	18.89	18.75		
10	256QAM	25	0	18.78	18.84	18.87	20.1	1
10	256QAM	25	12	18.81	18.80	18.70		
10	256QAM	25	25	18.70	18.90	18.85		
10	256QAM	50	0	18.84	18.97	18.82		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.89	20.00	19.78	21.1	0
5	QPSK	1	12	19.86	19.82	19.93		
5	QPSK	1	24	19.82	19.70	19.77		
5	QPSK	12	0	19.74	19.92	19.78	21.1	0
5	QPSK	12	7	19.76	19.85	19.76		
5	QPSK	12	13	19.80	19.91	19.81		
5	QPSK	25	0	19.92	19.88	19.84		
5	16QAM	1	0	19.91	19.83	19.90	21.1	0
5	16QAM	1	12	19.74	19.80	19.88		
5	16QAM	1	24	19.85	19.81	19.71		
5	16QAM	12	0	19.76	19.88	19.80	21.1	0
5	16QAM	12	7	19.83	19.77	19.84		
5	16QAM	12	13	19.83	19.72	19.78		
5	16QAM	25	0	19.81	19.88	19.88		
5	64QAM	1	0	19.89	19.91	19.78	21.1	0
5	64QAM	1	12	19.92	19.82	19.71		
5	64QAM	1	24	19.69	19.74	19.77		
5	64QAM	12	0	19.75	19.72	19.79	21.1	0
5	64QAM	12	7	19.85	19.78	19.72		
5	64QAM	12	13	19.85	19.88	19.75		
5	64QAM	25	0	19.69	19.89	19.84		
5	256QAM	1	0	18.84	18.83	18.81	20.1	1
5	256QAM	1	12	18.79	18.77	18.93		
5	256QAM	1	24	18.85	18.88	18.82		
5	256QAM	12	0	18.70	18.92	18.77	20.1	1
5	256QAM	12	7	18.82	18.78	18.72		
5	256QAM	12	13	18.78	18.89	18.81		
5	256QAM	25	0	18.70	18.93	18.86		

Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.94	19.86	20.01	19.97	19.96	21.1	0
20	QPSK	1	49	19.95	19.89	19.85	19.95	19.86		
20	QPSK	1	99	19.88	19.84	19.96	19.87	19.85		
20	QPSK	50	0	19.96	19.97	19.99	19.88	19.93	21.1	0
20	QPSK	50	24	19.97	19.87	19.84	19.92	19.91		
20	QPSK	50	50	19.96	19.98	19.95	19.97	19.98		
20	QPSK	100	0	19.90	19.96	19.97	19.86	19.87		
20	16QAM	1	0	19.87	19.87	19.94	19.99	19.94	21.1	0
20	16QAM	1	49	19.96	19.93	19.99	19.86	19.90		
20	16QAM	1	99	19.93	19.84	19.89	19.97	19.88		
20	16QAM	50	0	19.88	20.00	19.87	19.95	19.87	21.1	0
20	16QAM	50	24	19.93	19.91	19.95	19.85	19.97		
20	16QAM	50	50	19.96	19.93	19.92	19.96	19.89		
20	16QAM	100	0	19.99	20.00	19.94	19.87	19.98		
20	64QAM	1	0	19.89	19.94	19.89	19.94	19.85	21.1	0
20	64QAM	1	49	19.95	19.85	19.89	19.97	19.94		
20	64QAM	1	99	19.99	19.94	19.85	19.93	19.99		
20	64QAM	50	0	19.94	19.91	19.90	19.95	19.87	21.1	0
20	64QAM	50	24	19.90	19.97	19.90	19.90	19.97		
20	64QAM	50	50	19.99	19.94	19.87	19.94	19.96		
20	64QAM	100	0	19.92	19.97	19.94	19.86	19.91		
20	256QAM	1	0	18.88	18.85	19.04	18.86	18.96	20.1	1
20	256QAM	1	49	18.90	18.86	18.81	18.93	18.91		
20	256QAM	1	99	18.84	18.84	18.93	18.80	18.89		
20	256QAM	50	0	18.91	18.95	19.06	18.94	18.97	20.1	1
20	256QAM	50	24	18.94	18.84	18.88	18.95	18.92		
20	256QAM	50	50	18.95	18.98	19.00	19.02	18.91		
20	256QAM	100	0	18.95	18.97	18.91	18.92	18.83		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.84	19.75	19.98	19.79	19.81	21	0
15	QPSK	1	37	19.90	19.77	19.83	19.79	19.80		
15	QPSK	1	74	19.79	19.74	19.81	19.69	19.73		
15	QPSK	36	0	19.94	19.83	19.91	19.77	19.90	21.1	0
15	QPSK	36	20	19.79	19.74	19.79	19.77	19.77		
15	QPSK	36	39	19.81	19.84	19.88	19.90	19.86		
15	QPSK	75	0	19.85	19.79	19.91	19.75	19.74		
15	16QAM	1	0	19.78	19.82	19.79	19.93	19.89	21.1	0
15	16QAM	1	37	19.86	19.88	19.93	19.70	19.73		
15	16QAM	1	74	19.89	19.78	19.77	19.86	19.75		
15	16QAM	36	0	19.80	19.95	19.73	19.91	19.83	21.1	0
15	16QAM	36	20	19.77	19.80	19.91	19.83	19.94		
15	16QAM	36	39	19.82	19.78	19.82	19.82	19.76		
15	16QAM	75	0	19.83	19.90	19.80	19.81	19.85		
15	64QAM	1	0	19.71	19.77	19.74	19.91	19.82	21.1	0
15	64QAM	1	37	19.78	19.80	19.71	19.94	19.84		
15	64QAM	1	74	19.84	19.87	19.73	19.89	19.84		
15	64QAM	36	0	19.79	19.78	19.78	19.79	19.85	21.1	0
15	64QAM	36	20	19.87	19.81	19.86	19.76	19.92		
15	64QAM	36	39	19.94	19.79	19.71	19.81	19.94		
15	64QAM	75	0	19.84	19.79	19.92	19.70	19.81		
15	256QAM	1	0	18.82	18.70	18.99	18.83	18.89	20.1	1
15	256QAM	1	37	18.72	18.72	18.76	18.90	18.74		
15	256QAM	1	74	18.82	18.72	18.83	18.78	18.76		
15	256QAM	36	0	18.89	18.93	19.01	18.91	18.89	20.1	1
15	256QAM	36	20	18.82	18.81	18.71	18.89	18.82		
15	256QAM	36	39	18.91	18.91	18.86	19.00	18.88		
15	256QAM	75	0	18.93	18.86	18.80	18.80	18.71		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.92	19.72	19.95	19.79	19.90	21	0
10	QPSK	1	25	19.92	19.77	19.71	19.89	19.72		
10	QPSK	1	49	19.85	19.68	19.82	19.78	19.69		
10	QPSK	25	0	19.82	19.86	19.92	19.82	19.87	21.1	0
10	QPSK	25	12	19.88	19.75	19.80	19.79	19.85		
10	QPSK	25	25	19.88	19.81	19.78	19.89	19.81		
10	QPSK	50	0	19.73	19.80	19.87	19.71	19.73		
10	16QAM	1	0	19.85	19.84	19.77	19.86	19.78	21.1	0
10	16QAM	1	25	19.91	19.78	19.91	19.75	19.79		
10	16QAM	1	49	19.86	19.81	19.73	19.86	19.76		
10	16QAM	25	0	19.83	19.92	19.74	19.90	19.83	21.1	0
10	16QAM	25	12	19.86	19.76	19.83	19.76	19.83		
10	16QAM	25	25	19.94	19.86	19.85	19.91	19.79		
10	16QAM	50	0	19.90	19.91	19.90	19.83	19.86		
10	64QAM	1	0	19.80	19.90	19.73	19.76	19.80	21.1	0
10	64QAM	1	25	19.78	19.68	19.76	19.86	19.90		
10	64QAM	1	49	19.88	19.81	19.82	19.86	19.93		
10	64QAM	25	0	19.76	19.83	19.75	19.78	19.74	21.1	0
10	64QAM	25	12	19.81	19.84	19.78	19.74	19.80		
10	64QAM	25	25	19.86	19.81	19.69	19.77	19.80		
10	64QAM	50	0	19.75	19.91	19.87	19.84	19.82		
10	256QAM	1	0	18.84	18.74	18.91	18.70	18.92	20.1	1
10	256QAM	1	25	18.83	18.70	18.71	18.90	18.87		
10	256QAM	1	49	18.76	18.70	18.79	18.68	18.75		
10	256QAM	25	0	18.80	18.80	18.99	18.87	18.87	20.1	1
10	256QAM	25	12	18.85	18.73	18.79	18.82	18.89		
10	256QAM	25	25	18.91	18.94	18.94	18.98	18.77		
10	256QAM	50	0	18.77	18.85	18.74	18.89	18.73		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.87	19.75	19.89	19.82	19.82	21	0
5	QPSK	1	12	19.86	19.77	19.82	19.77	19.69		
5	QPSK	1	24	19.84	19.76	19.84	19.80	19.71		
5	QPSK	12	0	19.84	19.81	19.82	19.85	19.78	21.1	0
5	QPSK	12	7	19.90	19.69	19.81	19.83	19.76		
5	QPSK	12	13	19.93	19.90	19.77	19.87	19.85		
5	QPSK	25	0	19.84	19.87	19.92	19.81	19.71		
5	16QAM	1	0	19.76	19.84	19.76	19.95	19.90	21.1	0
5	16QAM	1	12	19.88	19.82	19.91	19.75	19.77		
5	16QAM	1	24	19.83	19.72	19.79	19.84	19.83		
5	16QAM	12	0	19.74	19.85	19.82	19.87	19.74	21.1	0
5	16QAM	12	7	19.75	19.77	19.93	19.70	19.89		
5	16QAM	12	13	19.87	19.80	19.88	19.91	19.85		
5	16QAM	25	0	19.94	19.89	19.87	19.78	19.90		
5	64QAM	1	0	19.82	19.80	19.76	19.81	19.75	21.1	0
5	64QAM	1	12	19.84	19.68	19.73	19.86	19.80		
5	64QAM	1	24	19.92	19.87	19.77	19.81	19.95		
5	64QAM	12	0	19.85	19.80	19.76	19.84	19.81	21.1	0
5	64QAM	12	7	19.74	19.79	19.79	19.81	19.86		
5	64QAM	12	13	19.88	19.86	19.71	19.92	19.79		
5	64QAM	25	0	19.83	19.79	19.91	19.74	19.85		
5	256QAM	1	0	18.77	18.70	18.98	18.82	18.90	20.1	1
5	256QAM	1	12	18.81	18.69	18.75	18.83	18.84		
5	256QAM	1	24	18.72	18.76	18.79	18.73	18.87		
5	256QAM	12	0	18.75	18.80	18.95	18.86	18.82	20.1	1
5	256QAM	12	7	18.89	18.80	18.81	18.81	18.85		
5	256QAM	12	13	18.91	18.83	18.87	18.87	18.77		
5	256QAM	25	0	18.93	18.88	18.84	18.78	18.78		

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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	21.50	21.39	21.56	21.44	21.45	22.7	0
20	QPSK	1	49	21.47	21.45	21.49	21.42	21.47		
20	QPSK	1	99	21.48	21.48	21.41	21.42	21.38		
20	QPSK	50	0	21.43	21.51	21.52	21.48	21.47	22.7	0
20	QPSK	50	24	21.43	21.42	21.49	21.40	21.40		
20	QPSK	50	50	21.50	21.40	21.38	21.38	21.47		
20	QPSK	100	0	21.43	21.52	21.53	21.40	21.48		
20	16QAM	1	0	21.43	21.49	21.49	21.48	21.38	22.7	0
20	16QAM	1	49	21.50	21.45	21.52	21.51	21.38		
20	16QAM	1	99	21.45	21.40	21.41	21.41	21.47		
20	16QAM	50	0	21.43	21.41	21.44	21.50	21.47	22.7	0
20	16QAM	50	24	21.49	21.50	21.52	21.46	21.45		
20	16QAM	50	50	21.52	21.39	21.52	21.49	21.38		
20	16QAM	100	0	21.43	21.49	21.39	21.44	21.48		
20	64QAM	1	0	21.43	21.40	21.52	21.37	21.52	22.7	0
20	64QAM	1	49	21.41	21.44	21.48	21.40	21.49		
20	64QAM	1	99	21.41	21.49	21.49	21.46	21.51		
20	64QAM	50	0	21.47	21.48	21.40	21.41	21.44	22.7	0
20	64QAM	50	24	21.46	21.46	21.45	21.50	21.42		
20	64QAM	50	50	21.43	21.44	21.37	21.41	21.41		
20	64QAM	100	0	21.40	21.41	21.50	21.46	21.45		
20	256QAM	1	0	20.42	20.48	20.41	20.46	20.45	21.7	1
20	256QAM	1	49	20.44	20.40	20.48	20.41	20.37		
20	256QAM	1	99	20.42	20.48	20.38	20.48	20.41		
20	256QAM	50	0	20.38	20.43	20.52	20.39	20.42	21.7	1
20	256QAM	50	24	20.38	20.52	20.39	20.38	20.44		
20	256QAM	50	50	20.42	20.40	20.52	20.43	20.39		
20	256QAM	100	0	20.46	20.38	20.43	20.49	20.50		
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	21.43	21.28	21.53	21.42	21.32	23	0
15	QPSK	1	37	21.34	21.41	21.33	21.38	21.39		
15	QPSK	1	74	21.45	21.36	21.33	21.40	21.21		
15	QPSK	36	0	21.30	21.43	21.44	21.37	21.32	22.7	0
15	QPSK	36	20	21.26	21.35	21.34	21.34	21.34		
15	QPSK	36	39	21.42	21.36	21.36	21.27	21.39		
15	QPSK	75	0	21.40	21.35	21.43	21.25	21.40		
15	16QAM	1	0	21.27	21.45	21.36	21.32	21.27	22.7	0
15	16QAM	1	37	21.42	21.32	21.39	21.49	21.26		
15	16QAM	1	74	21.27	21.29	21.28	21.24	21.40		
15	16QAM	36	0	21.30	21.27	21.31	21.41	21.30	22.7	0
15	16QAM	36	20	21.39	21.41	21.47	21.44	21.33		
15	16QAM	36	39	21.47	21.28	21.38	21.31	21.30		
15	16QAM	75	0	21.40	21.45	21.26	21.27	21.36		
15	64QAM	1	0	21.31	21.28	21.41	21.21	21.42	22.7	0
15	64QAM	1	37	21.25	21.26	21.34	21.22	21.31		
15	64QAM	1	74	21.32	21.38	21.46	21.41	21.36		
15	64QAM	36	0	21.41	21.33	21.34	21.28	21.29	22.7	0
15	64QAM	36	20	21.38	21.32	21.42	21.43	21.24		
15	64QAM	36	39	21.29	21.36	21.23	21.24	21.38		
15	64QAM	75	0	21.33	21.25	21.48	21.31	21.30		
15	256QAM	1	0	20.40	20.40	20.28	20.41	20.40	21.7	1
15	256QAM	1	37	20.42	20.26	20.45	20.28	20.33		
15	256QAM	1	74	20.24	20.36	20.28	20.41	20.26		
15	256QAM	36	0	20.25	20.39	20.36	20.32	20.26	21.7	1
15	256QAM	36	20	20.26	20.35	20.32	20.22	20.28		
15	256QAM	36	39	20.38	20.23	20.50	20.38	20.24		
15	256QAM	75	0	20.40	20.24	20.39	20.42	20.36		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.32	21.34	21.47	21.30	21.28	23	0
10	QPSK	1	25	21.32	21.41	21.41	21.34	21.30		
10	QPSK	1	49	21.33	21.36	21.37	21.27	21.22		
10	QPSK	25	0	21.40	21.47	21.38	21.34	21.30	22.7	0
10	QPSK	25	12	21.33	21.38	21.42	21.31	21.30		
10	QPSK	25	25	21.47	21.34	21.26	21.31	21.32		
10	QPSK	50	0	21.33	21.41	21.41	21.25	21.36		
10	16QAM	1	0	21.37	21.39	21.40	21.43	21.33	22.7	0
10	16QAM	1	25	21.39	21.36	21.42	21.35	21.30		
10	16QAM	1	49	21.29	21.25	21.25	21.29	21.32		
10	16QAM	25	0	21.41	21.24	21.35	21.34	21.30	22.7	0
10	16QAM	25	12	21.40	21.33	21.37	21.33	21.31		
10	16QAM	25	25	21.38	21.22	21.42	21.32	21.35		
10	16QAM	50	0	21.39	21.35	21.35	21.38	21.35		
10	64QAM	1	0	21.28	21.35	21.41	21.32	21.47	22.7	0
10	64QAM	1	25	21.30	21.41	21.40	21.27	21.33		
10	64QAM	1	49	21.35	21.45	21.44	21.43	21.36		
10	64QAM	25	0	21.38	21.37	21.26	21.30	21.28	22.7	0
10	64QAM	25	12	21.42	21.35	21.31	21.35	21.31		
10	64QAM	25	25	21.31	21.40	21.21	21.31	21.23		
10	64QAM	50	0	21.33	21.35	21.34	21.30	21.36		
10	256QAM	1	0	20.38	20.39	20.27	20.36	20.28	21.7	1
10	256QAM	1	25	20.30	20.26	20.44	20.26	20.19		
10	256QAM	1	49	20.38	20.43	20.30	20.31	20.24		
10	256QAM	25	0	20.29	20.31	20.37	20.35	20.26	21.7	1
10	256QAM	25	12	20.28	20.40	20.24	20.32	20.37		
10	256QAM	25	25	20.24	20.34	20.38	20.29	20.27		
10	256QAM	50	0	20.36	20.23	20.28	20.46	20.36		
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	21.45	21.35	21.42	21.33	21.42	23	0
5	QPSK	1	12	21.30	21.31	21.37	21.33	21.31		
5	QPSK	1	24	21.43	21.37	21.37	21.33	21.21		
5	QPSK	12	0	21.33	21.41	21.41	21.42	21.43	22.7	0
5	QPSK	12	7	21.32	21.34	21.39	21.38	21.35		
5	QPSK	12	13	21.32	21.33	21.20	21.28	21.41		
5	QPSK	25	0	21.28	21.45	21.39	21.35	21.42		
5	16QAM	1	0	21.36	21.37	21.33	21.41	21.26	22.7	0
5	16QAM	1	12	21.34	21.40	21.47	21.33	21.26		
5	16QAM	1	24	21.28	21.37	21.33	21.37	21.34		
5	16QAM	12	0	21.35	21.24	21.27	21.36	21.43	22.7	0
5	16QAM	12	7	21.44	21.43	21.41	21.35	21.41		
5	16QAM	12	13	21.49	21.31	21.47	21.40	21.22		
5	16QAM	25	0	21.39	21.46	21.28	21.37	21.43		
5	64QAM	1	0	21.37	21.31	21.35	21.33	21.47	22.7	0
5	64QAM	1	12	21.34	21.37	21.34	21.25	21.42		
5	64QAM	1	24	21.28	21.32	21.43	21.35	21.39		
5	64QAM	12	0	21.43	21.43	21.37	21.27	21.36	22.7	0
5	64QAM	12	7	21.34	21.40	21.38	21.38	21.34		
5	64QAM	12	13	21.31	21.39	21.22	21.36	21.39		
5	64QAM	25	0	21.31	21.30	21.44	21.32	21.37		
5	256QAM	1	0	20.33	20.42	20.35	20.31	20.39	21.7	1
5	256QAM	1	12	20.32	20.37	20.45	20.33	20.22		
5	256QAM	1	24	20.31	20.39	20.32	20.35	20.28		
5	256QAM	12	0	20.26	20.34	20.38	20.25	20.30	21.7	1
5	256QAM	12	7	20.33	20.43	20.34	20.27	20.39		
5	256QAM	12	13	20.35	20.33	20.40	20.34	20.34		
5	256QAM	25	0	20.35	20.26	20.34	20.33	20.45		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.74	16.78	16.67	17	0
20	QPSK	1	49	16.62	16.70	16.54		
20	QPSK	1	99	16.69	16.68	16.51		
20	QPSK	50	0	15.60	15.85	15.68	16	1
20	QPSK	50	24	15.68	15.81	15.75		
20	QPSK	50	50	15.75	15.83	15.64		
20	QPSK	100	0	15.83	15.84	15.78		
20	16QAM	1	0	15.62	15.93	15.69	16	1
20	16QAM	1	49	15.85	15.73	15.77		
20	16QAM	1	99	15.70	15.89	15.70		
20	16QAM	50	0	14.71	14.67	14.76	15	2
20	16QAM	50	24	14.85	14.64	14.56		
20	16QAM	50	50	14.80	14.84	14.74		
20	16QAM	100	0	14.65	14.87	14.78		
20	64QAM	1	0	14.71	14.69	14.57	15	2
20	64QAM	1	49	14.81	14.76	14.59		
20	64QAM	1	99	14.86	14.84	14.59		
20	64QAM	50	0	13.84	13.69	13.73	14	3
20	64QAM	50	24	13.70	13.72	13.74		
20	64QAM	50	50	13.67	13.88	13.58		
20	64QAM	100	0	13.61	13.71	13.79		
20	256QAM	1	0	11.65	11.63	11.66	12	5
20	256QAM	1	49	11.89	11.92	11.56		
20	256QAM	1	99	11.80	11.64	11.69		
20	256QAM	50	0	11.76	11.90	11.70	12	5
20	256QAM	50	24	11.73	11.93	11.65		
20	256QAM	50	50	11.68	11.85	11.67		
20	256QAM	100	0	11.85	11.77	11.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.72	16.75	16.64	17	0
15	QPSK	1	37	16.57	16.54	16.40		
15	QPSK	1	74	16.64	16.65	16.35		
15	QPSK	36	0	15.44	15.74	15.56	16	1
15	QPSK	36	20	15.63	15.64	15.60		
15	QPSK	36	39	15.66	15.79	15.53		
15	QPSK	75	0	15.74	15.78	15.69		
15	16QAM	1	0	15.57	15.82	15.56	16	1
15	16QAM	1	37	15.78	15.64	15.63		
15	16QAM	1	74	15.62	15.83	15.53		
15	16QAM	36	0	14.54	14.61	14.61	15	2
15	16QAM	36	20	14.72	14.48	14.48		
15	16QAM	36	39	14.72	14.76	14.56		
15	16QAM	75	0	14.48	14.85	14.64		
15	64QAM	1	0	14.60	14.62	14.39	15	2
15	64QAM	1	37	14.70	14.60	14.50		
15	64QAM	1	74	14.74	14.81	14.55		
15	64QAM	36	0	13.68	13.56	13.62	14	3
15	64QAM	36	20	13.64	13.60	13.58		
15	64QAM	36	39	13.55	13.79	13.56		
15	64QAM	75	0	13.50	13.58	13.75		
15	256QAM	1	0	11.54	11.49	11.61	12	5
15	256QAM	1	37	11.84	11.77	11.48		
15	256QAM	1	74	11.71	11.46	11.59		
15	256QAM	36	0	11.59	11.80	11.53	12	5
15	256QAM	36	20	11.64	11.82	11.62		
15	256QAM	36	39	11.60	11.78	11.51		
15	256QAM	75	0	11.70	11.64	11.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.70	16.76	16.62	17	0
10	QPSK	1	25	16.55	16.62	16.46		
10	QPSK	1	49	16.64	16.53	16.46		
10	QPSK	25	0	15.50	15.77	15.61	16	1
10	QPSK	25	12	15.61	15.67	15.67		
10	QPSK	25	25	15.62	15.74	15.59		
10	QPSK	50	0	15.72	15.74	15.74		
10	16QAM	1	0	15.52	15.78	15.59	16	1
10	16QAM	1	25	15.73	15.65	15.61		
10	16QAM	1	49	15.56	15.77	15.67		
10	16QAM	25	0	14.61	14.60	14.71	15	2
10	16QAM	25	12	14.82	14.58	14.51		
10	16QAM	25	25	14.63	14.77	14.58		
10	16QAM	50	0	14.62	14.72	14.71		
10	64QAM	1	0	14.56	14.65	14.39	15	2
10	64QAM	1	25	14.77	14.62	14.42		
10	64QAM	1	49	14.82	14.74	14.46		
10	64QAM	25	0	13.74	13.60	13.62	14	3
10	64QAM	25	12	13.65	13.66	13.60		
10	64QAM	25	25	13.60	13.85	13.53		
10	64QAM	50	0	13.44	13.59	13.77		
10	256QAM	1	0	11.56	11.55	11.54	12	5
10	256QAM	1	25	11.76	11.89	11.49		
10	256QAM	1	49	11.63	11.49	11.60		
10	256QAM	25	0	11.69	11.77	11.52	12	5
10	256QAM	25	12	11.62	11.77	11.48		
10	256QAM	25	25	11.66	11.67	11.53		
10	256QAM	50	0	11.83	11.74	11.50		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.66	16.63	16.53	17	0
5	QPSK	1	12	16.50	16.59	16.40		
5	QPSK	1	24	16.53	16.60	16.41		
5	QPSK	12	0	15.56	15.78	15.64	16	1
5	QPSK	12	7	15.61	15.70	15.64		
5	QPSK	12	13	15.57	15.75	15.46		
5	QPSK	25	0	15.71	15.79	15.68		
5	16QAM	1	0	15.45	15.85	15.58	16	1
5	16QAM	1	12	15.79	15.64	15.66		
5	16QAM	1	24	15.67	15.73	15.53		
5	16QAM	12	0	14.57	14.59	14.65	15	2
5	16QAM	12	7	14.78	14.61	14.38		
5	16QAM	12	13	14.76	14.69	14.67		
5	16QAM	25	0	14.56	14.72	14.70		
5	64QAM	1	0	14.65	14.59	14.40	15	2
5	64QAM	1	12	14.74	14.65	14.42		
5	64QAM	1	24	14.81	14.66	14.56		
5	64QAM	12	0	13.70	13.63	13.59	14	3
5	64QAM	12	7	13.53	13.57	13.71		
5	64QAM	12	13	13.64	13.84	13.43		
5	64QAM	25	0	13.51	13.69	13.62		
5	256QAM	1	0	11.58	11.56	11.50	12	5
5	256QAM	1	12	11.78	11.86	11.52		
5	256QAM	1	24	11.64	11.46	11.57		
5	256QAM	12	0	11.61	11.72	11.60	12	5
5	256QAM	12	7	11.62	11.76	11.48		
5	256QAM	12	13	11.64	11.75	11.64		
5	256QAM	25	0	11.69	11.71	11.42		

Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.82	18.98	19.12	18.93	18.82	20	0
20	QPSK	1	49	18.73	18.81	19.01	18.83	18.67		
20	QPSK	1	99	18.77	18.91	18.98	18.86	18.73		
20	QPSK	50	0	17.77	18.03	18.13	17.92	17.92	19	1
20	QPSK	50	24	17.84	18.06	18.03	18.06	17.90		
20	QPSK	50	50	17.87	18.03	18.12	17.80	17.80		
20	QPSK	100	0	17.83	18.07	18.08	17.84	17.82		
20	16QAM	1	0	17.73	17.91	18.12	17.79	17.83	19	1
20	16QAM	1	49	17.97	18.01	18.08	17.79	17.94		
20	16QAM	1	99	17.73	17.94	18.15	17.91	17.69		
20	16QAM	50	0	16.82	16.96	17.20	16.92	16.83	18	2
20	16QAM	50	24	16.72	17.00	17.05	16.78	16.73		
20	16QAM	50	50	16.77	17.13	17.16	17.07	16.77		
20	16QAM	100	0	16.90	16.95	17.06	17.08	16.72		
20	64QAM	1	0	16.81	16.83	17.04	16.99	16.70	18	2
20	64QAM	1	49	16.74	17.04	17.03	16.80	16.81		
20	64QAM	1	99	16.97	17.02	17.19	17.04	16.88		
20	64QAM	50	0	15.71	16.09	16.13	15.90	15.87	17	3
20	64QAM	50	24	15.68	16.12	16.08	15.98	15.74		
20	64QAM	50	50	15.83	16.03	16.08	16.00	15.78		
20	64QAM	100	0	15.72	16.02	16.06	16.01	15.95		
20	256QAM	1	0	13.70	14.02	13.97	13.79	13.86	15	5
20	256QAM	1	49	13.95	14.01	14.17	13.79	13.85		
20	256QAM	1	99	13.96	13.83	14.00	13.94	13.68		
20	256QAM	50	0	13.74	14.04	13.98	13.84	13.81	15	5
20	256QAM	50	24	13.75	14.08	14.13	13.98	13.80		
20	256QAM	50	50	13.82	13.92	14.02	14.01	13.70		
20	256QAM	100	0	13.82	13.98	14.26	13.90	13.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.71	18.89	18.98	18.83	18.66	20	0
15	QPSK	1	37	18.63	18.67	18.86	18.70	18.58		
15	QPSK	1	74	18.66	18.88	18.94	18.81	18.64		
15	QPSK	36	0	17.70	18.01	18.00	17.79	17.87	19	1
15	QPSK	36	20	17.74	17.95	17.98	17.88	17.79		
15	QPSK	36	39	17.72	17.87	18.01	17.70	17.67		
15	QPSK	75	0	17.80	17.94	18.05	17.72	17.67		
15	16QAM	1	0	17.70	17.88	18.06	17.61	17.77	19	1
15	16QAM	1	37	17.79	17.97	17.99	17.76	17.83		
15	16QAM	1	74	17.69	17.77	17.98	17.73	17.57		
15	16QAM	36	0	16.72	16.87	17.04	16.88	16.71	18	2
15	16QAM	36	20	16.55	16.84	16.91	16.68	16.58		
15	16QAM	36	39	16.73	16.97	17.04	16.95	16.74		
15	16QAM	75	0	16.80	16.80	16.92	16.96	16.59		
15	64QAM	1	0	16.79	16.74	16.91	16.89	16.64	18	2
15	64QAM	1	37	16.70	16.94	16.98	16.74	16.75		
15	64QAM	1	74	16.79	16.95	17.02	17.01	16.76		
15	64QAM	36	0	15.94	15.95	16.26	16.07	15.93	17	3
15	64QAM	36	20	15.96	15.99	16.14	15.83	15.85		
15	64QAM	36	39	15.96	15.99	16.07	15.94	15.77		
15	64QAM	75	0	15.64	15.99	15.88	15.89	15.88		
15	256QAM	1	0	13.67	13.87	13.83	13.69	13.72	15	5
15	256QAM	1	37	13.80	13.98	14.05	13.63	13.69		
15	256QAM	1	74	13.91	13.75	13.89	13.89	13.61		
15	256QAM	36	0	13.69	13.98	13.84	13.74	13.73	15	5
15	256QAM	36	20	13.59	14.01	14.02	13.95	13.75		
15	256QAM	36	39	13.71	13.87	13.89	13.83	13.61		
15	256QAM	75	0	13.69	13.88	14.10	13.82	13.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.70	18.82	18.96	18.76	18.66	20	0
10	QPSK	1	25	18.60	18.73	18.94	18.79	18.52		
10	QPSK	1	49	18.62	18.82	18.95	18.77	18.57		
10	QPSK	25	0	17.62	17.98	18.01	17.82	17.86	19	1
10	QPSK	25	12	17.78	18.00	17.87	17.90	17.77		
10	QPSK	25	25	17.81	17.94	18.09	17.76	17.73		
10	QPSK	50	0	17.65	18.04	17.93	17.82	17.73		
10	16QAM	1	0	17.68	17.86	18.01	17.74	17.68	19	1
10	16QAM	1	25	17.86	17.85	18.03	17.69	17.76		
10	16QAM	1	49	17.55	17.85	18.05	17.84	17.66		
10	16QAM	25	0	16.73	16.89	17.05	16.77	16.77	18	2
10	16QAM	25	12	16.61	16.85	16.94	16.69	16.66		
10	16QAM	25	25	16.75	17.01	17.02	17.03	16.71		
10	16QAM	50	0	16.76	16.81	16.90	16.98	16.62		
10	64QAM	1	0	16.77	16.76	16.86	16.92	16.62	18	2
10	64QAM	1	25	16.62	16.87	16.99	16.64	16.70		
10	64QAM	1	49	16.91	16.97	17.10	16.86	16.70		
10	64QAM	25	0	15.63	16.02	16.04	15.80	15.75	17	3
10	64QAM	25	12	15.58	16.02	15.91	15.95	15.61		
10	64QAM	25	25	15.72	15.90	15.94	15.91	15.71		
10	64QAM	50	0	15.64	16.00	15.90	15.90	15.87		
10	256QAM	1	0	13.73	14.06	14.10	14.08	13.95	15	5
10	256QAM	1	25	13.77	14.02	14.21	13.84	13.80		
10	256QAM	1	49	13.93	14.05	14.15	13.96	13.76		
10	256QAM	25	0	13.65	13.96	13.96	13.80	13.78	15	5
10	256QAM	25	12	13.61	13.98	13.99	13.89	13.74		
10	256QAM	25	25	13.64	13.77	13.85	13.84	13.55		
10	256QAM	50	0	13.70	13.88	14.19	13.84	13.69		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.64	18.92	18.97	18.78	18.69	20	0
5	QPSK	1	12	18.69	18.77	18.91	18.68	18.62		
5	QPSK	1	24	18.63	18.81	18.81	18.74	18.58		
5	QPSK	12	0	17.63	17.88	18.05	17.75	17.78	19	1
5	QPSK	12	7	17.75	17.93	17.86	18.02	17.88		
5	QPSK	12	13	17.83	17.88	18.03	17.67	17.74		
5	QPSK	25	0	17.73	17.90	18.04	17.76	17.72		
5	16QAM	1	0	17.60	17.80	17.99	17.73	17.74	19	1
5	16QAM	1	12	17.91	17.93	18.05	17.67	17.79		
5	16QAM	1	24	17.68	17.80	17.99	17.87	17.65		
5	16QAM	12	0	16.76	17.06	17.18	16.79	16.75	18	2
5	16QAM	12	7	16.82	16.97	17.01	16.78	16.89		
5	16QAM	12	13	16.80	16.99	17.12	17.07	16.71		
5	16QAM	25	0	16.81	16.80	16.92	17.01	16.59		
5	64QAM	1	0	16.92	16.88	17.22	16.81	16.94	18	2
5	64QAM	1	12	16.97	17.09	17.23	17.08	16.73		
5	64QAM	1	24	16.94	17.03	17.03	17.01	16.91		
5	64QAM	12	0	15.66	16.03	16.06	15.74	15.70	17	3
5	64QAM	12	7	15.59	15.94	15.95	15.94	15.65		
5	64QAM	12	13	15.67	15.87	15.92	15.97	15.71		
5	64QAM	25	0	15.66	15.96	15.98	15.94	15.86		
5	256QAM	1	0	13.63	13.89	13.92	13.70	13.84	15	5
5	256QAM	1	12	13.85	13.91	14.12	13.72	13.80		
5	256QAM	1	24	13.89	13.79	13.92	13.82	13.65		
5	256QAM	12	0	13.69	13.99	13.88	13.70	13.63	15	5
5	256QAM	12	7	13.64	13.93	14.08	13.88	13.77		
5	256QAM	12	13	13.72	13.78	13.99	13.97	13.65		
5	256QAM	25	0	13.77	13.94	14.15	13.77	13.71		

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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	22.44	22.31	22.55	22.32	22.32	23	0
20	QPSK	1	49	22.30	22.14	22.40	22.22	22.16		
20	QPSK	1	99	22.29	22.18	22.46	22.29	22.16		
20	QPSK	50	0	21.59	21.19	21.68	21.28	21.46	22	1
20	QPSK	50	24	21.47	21.18	21.62	21.43	21.43		
20	QPSK	50	50	21.37	21.40	21.62	21.31	21.46		
20	QPSK	100	0	21.50	21.21	21.64	21.32	21.41		
20	16QAM	1	0	21.53	21.31	21.48	21.22	21.21	22	1
20	16QAM	1	49	21.54	21.40	21.62	21.34	21.44		
20	16QAM	1	99	21.46	21.20	21.41	21.30	21.36		
20	16QAM	50	0	20.45	20.26	20.58	20.23	20.28	21	2
20	16QAM	50	24	20.33	20.24	20.57	20.19	20.43		
20	16QAM	50	50	20.29	20.34	20.41	20.27	20.23		
20	16QAM	100	0	20.47	20.23	20.66	20.20	20.31		
20	64QAM	1	0	20.46	20.37	20.57	20.30	20.33	21	2
20	64QAM	1	49	20.38	20.20	20.62	20.20	20.22		
20	64QAM	1	99	20.55	20.18	20.41	20.30	20.28		
20	64QAM	50	0	19.42	19.34	19.64	19.36	19.42	20	3
20	64QAM	50	24	19.53	19.33	19.63	19.18	19.37		
20	64QAM	50	50	19.32	19.32	19.60	19.45	19.47		
20	64QAM	100	0	19.48	19.20	19.66	19.38	19.46		
20	256QAM	1	0	17.46	17.18	17.54	17.24	17.40	18	5
20	256QAM	1	49	17.36	17.32	17.41	17.24	17.22		
20	256QAM	1	99	17.31	17.29	17.64	17.23	17.44		
20	256QAM	50	0	17.40	17.20	17.52	17.25	17.29	18	5
20	256QAM	50	24	17.46	17.44	17.66	17.33	17.38		
20	256QAM	50	50	17.32	17.23	17.58	17.30	17.39		
20	256QAM	100	0	17.40	17.31	17.52	17.22	17.26		
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	22.28	22.29	22.42	22.17	22.29	23	0
15	QPSK	1	37	22.26	22.11	22.27	22.10	22.04		
15	QPSK	1	74	22.15	22.06	22.42	22.13	22.00		
15	QPSK	36	0	21.52	21.11	21.56	21.13	21.37	22	1
15	QPSK	36	20	21.32	21.08	21.47	21.31	21.34		
15	QPSK	36	39	21.30	21.22	21.51	21.22	21.39		
15	QPSK	75	0	21.39	21.07	21.49	21.30	21.31		
15	16QAM	1	0	21.35	21.19	21.36	21.11	21.18	22	1
15	16QAM	1	37	21.46	21.33	21.57	21.23	21.34		
15	16QAM	1	74	21.35	21.09	21.32	21.23	21.22		
15	16QAM	36	0	20.39	20.14	20.43	20.05	20.13	21	2
15	16QAM	36	20	20.19	20.20	20.51	20.07	20.39		
15	16QAM	36	39	20.24	20.19	20.36	20.18	20.11		
15	16QAM	75	0	20.43	20.14	20.61	20.17	20.21		
15	64QAM	1	0	20.41	20.26	20.51	20.25	20.20	21	2
15	64QAM	1	37	20.30	20.03	20.51	20.15	20.11		
15	64QAM	1	74	20.50	20.02	20.36	20.24	20.11		
15	64QAM	36	0	19.36	19.23	19.56	19.33	19.27	20	3
15	64QAM	36	20	19.42	19.24	19.52	19.13	19.20		
15	64QAM	36	39	19.16	19.14	19.51	19.27	19.40		
15	64QAM	75	0	19.36	19.09	19.56	19.27	19.37		
15	256QAM	1	0	17.35	17.08	17.36	17.16	17.26	18	5
15	256QAM	1	37	17.22	17.24	17.29	17.13	17.13		
15	256QAM	1	74	17.21	17.11	17.57	17.08	17.33		
15	256QAM	36	0	17.37	17.08	17.41	17.11	17.18	18	5
15	256QAM	36	20	17.35	17.37	17.54	17.28	17.22		
15	256QAM	36	39	17.29	17.07	17.50	17.14	17.30		
15	256QAM	75	0	17.23	17.14	17.43	17.17	17.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.32	22.14	22.38	22.15	22.18	23	0
10	QPSK	1	25	22.27	22.04	22.37	22.05	22.08		
10	QPSK	1	49	22.18	22.09	22.41	22.23	22.13		
10	QPSK	25	0	21.49	21.10	21.53	21.23	21.43	22	1
10	QPSK	25	12	21.40	21.10	21.58	21.35	21.26		
10	QPSK	25	25	21.21	21.33	21.45	21.21	21.39		
10	QPSK	50	0	21.35	21.07	21.56	21.29	21.37		
10	16QAM	1	0	21.39	21.13	21.31	21.18	21.10	22	1
10	16QAM	1	25	21.45	21.29	21.47	21.23	21.42		
10	16QAM	1	49	21.43	21.04	21.31	21.19	21.19		
10	16QAM	25	0	20.39	20.10	20.40	20.19	20.20	21	2
10	16QAM	25	12	20.28	20.17	20.54	20.11	20.39		
10	16QAM	25	25	20.22	20.27	20.36	20.09	20.13		
10	16QAM	50	0	20.43	20.18	20.50	20.05	20.23		
10	64QAM	1	0	20.32	20.43	20.60	20.45	20.35	21	2
10	64QAM	1	25	20.43	20.23	20.57	20.43	20.20		
10	64QAM	1	49	20.40	20.22	20.41	20.19	20.19		
10	64QAM	25	0	19.36	19.29	19.56	19.24	19.39	20	3
10	64QAM	25	12	19.49	19.20	19.55	19.11	19.27		
10	64QAM	25	25	19.17	19.23	19.54	19.31	19.36		
10	64QAM	50	0	19.45	19.13	19.60	19.31	19.34		
10	256QAM	1	0	17.30	17.07	17.50	17.09	17.33	18	5
10	256QAM	1	25	17.26	17.27	17.34	17.10	17.15		
10	256QAM	1	49	17.28	17.12	17.52	17.15	17.28		
10	256QAM	25	0	17.23	17.06	17.40	17.18	17.19	18	5
10	256QAM	25	12	17.34	17.30	17.56	17.15	17.22		
10	256QAM	25	25	17.27	17.20	17.51	17.21	17.30		
10	256QAM	50	0	17.30	17.17	17.48	17.13	17.11		
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	22.29	22.26	22.47	22.16	22.15	23	0
5	QPSK	1	12	22.23	22.02	22.37	22.07	22.02		
5	QPSK	1	24	22.15	22.13	22.44	22.23	22.02		
5	QPSK	12	0	21.51	21.13	21.59	21.15	21.32	22	1
5	QPSK	12	7	21.40	21.09	21.58	21.30	21.32		
5	QPSK	12	13	21.23	21.30	21.51	21.13	21.41		
5	QPSK	25	0	21.45	21.07	21.53	21.22	21.28		
5	16QAM	1	0	21.49	21.17	21.39	21.18	21.14	22	1
5	16QAM	1	12	21.36	21.32	21.54	21.32	21.42		
5	16QAM	1	24	21.32	21.12	21.26	21.23	21.27		
5	16QAM	12	0	20.35	20.11	20.45	20.19	20.17	21	2
5	16QAM	12	7	20.18	20.15	20.53	20.04	20.33		
5	16QAM	12	13	20.21	20.30	20.35	20.24	20.07		
5	16QAM	25	0	20.38	20.13	20.59	20.11	20.17		
5	64QAM	1	0	20.40	20.21	20.54	20.13	20.16	21	2
5	64QAM	1	12	20.35	20.11	20.49	20.09	20.11		
5	64QAM	1	24	20.40	20.04	20.26	20.25	20.16		
5	64QAM	12	0	19.28	19.30	19.56	19.27	19.27	20	3
5	64QAM	12	7	19.50	19.22	19.58	19.13	19.29		
5	64QAM	12	13	19.25	19.29	19.45	19.35	19.41		
5	64QAM	25	0	19.36	19.04	19.50	19.27	19.29		
5	256QAM	1	0	17.38	17.11	17.49	17.13	17.34	18	5
5	256QAM	1	12	17.34	17.22	17.38	17.15	17.10		
5	256QAM	1	24	17.16	17.23	17.53	17.11	17.29		
5	256QAM	12	0	17.37	17.33	17.51	17.44	17.33	18	5
5	256QAM	12	7	17.41	17.32	17.58	17.26	17.23		
5	256QAM	12	13	17.21	17.19	17.41	17.14	17.21		
5	256QAM	25	0	17.33	17.23	17.44	17.20	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3500	3540		
20	QPSK	1	0	19.76	19.96	19.69	20.9	0
20	QPSK	1	49	19.80	19.70	19.77		
20	QPSK	1	99	19.79	19.74	19.79		
20	QPSK	50	0	19.71	19.96	19.73	20.9	0
20	QPSK	50	24	19.82	19.77	19.72		
20	QPSK	50	50	19.84	19.79	19.74		
20	QPSK	100	0	19.72	19.79	19.75		
20	16QAM	1	0	19.76	19.82	19.76	20.9	0
20	16QAM	1	49	19.83	19.79	19.72		
20	16QAM	1	99	19.72	19.77	19.83		
20	16QAM	50	0	19.71	19.69	19.79	20.9	0
20	16QAM	50	24	19.81	19.77	19.83		
20	16QAM	50	50	19.81	19.71	19.69		
20	16QAM	100	0	19.77	19.70	19.74		
20	64QAM	1	0	19.70	19.74	19.73	20.9	0
20	64QAM	1	49	19.75	19.74	19.69		
20	64QAM	1	99	19.81	19.77	19.83		
20	64QAM	50	0	19.79	19.69	19.83	20.9	0
20	64QAM	50	24	19.70	19.75	19.79		
20	64QAM	50	50	19.82	19.80	19.83		
20	64QAM	100	0	19.79	19.77	19.71		
20	256QAM	1	0	18.72	18.77	18.68	19.9	1
20	256QAM	1	49	18.77	18.77	18.73		
20	256QAM	1	99	18.76	18.80	18.78		
20	256QAM	50	0	18.69	18.83	18.79	19.9	1
20	256QAM	50	24	18.70	18.82	18.76		
20	256QAM	50	50	18.75	18.82	18.69		
20	256QAM	100	0	18.79	18.81	18.80		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.70	19.91	19.55	20.9	0
15	QPSK	1	37	19.76	19.54	19.62		
15	QPSK	1	74	19.69	19.61	19.71		
15	QPSK	36	0	19.65	19.93	19.66	20.9	0
15	QPSK	36	20	19.68	19.67	19.55		
15	QPSK	36	39	19.68	19.64	19.68		
15	QPSK	75	0	19.64	19.73	19.63		
15	16QAM	1	0	19.73	19.66	19.63	20.9	0
15	16QAM	1	37	19.72	19.68	19.58		
15	16QAM	1	74	19.62	19.63	19.72		
15	16QAM	36	0	19.54	19.52	19.68	20.9	0
15	16QAM	36	20	19.68	19.65	19.61		
15	16QAM	36	39	19.70	19.56	19.54		
15	16QAM	75	0	19.67	19.65	19.70		
15	64QAM	1	0	19.64	19.58	19.60	20.9	0
15	64QAM	1	37	19.64	19.68	19.61		
15	64QAM	1	74	19.71	19.67	19.78		
15	64QAM	36	0	19.75	19.63	19.73	20.9	0
15	64QAM	36	20	19.62	19.73	19.66		
15	64QAM	36	39	19.71	19.65	19.71		
15	64QAM	75	0	19.65	19.69	19.65		
15	256QAM	1	0	18.61	18.65	18.59	19.9	1
15	256QAM	1	37	18.63	18.69	18.69		
15	256QAM	1	74	18.73	18.75	18.60		
15	256QAM	36	0	18.66	18.70	18.63	19.9	1
15	256QAM	36	20	18.63	18.69	18.74		
15	256QAM	36	39	18.64	18.72	18.59		
15	256QAM	75	0	18.76	18.68	18.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.63	19.90	19.55	20.9	0
10	QPSK	1	25	19.70	19.62	19.66		
10	QPSK	1	49	19.74	19.57	19.63		
10	QPSK	25	0	19.68	19.81	19.56	20.9	0
10	QPSK	25	12	19.74	19.65	19.66		
10	QPSK	25	25	19.80	19.66	19.62		
10	QPSK	50	0	19.57	19.67	19.65		
10	16QAM	1	0	19.61	19.71	19.59	20.9	0
10	16QAM	1	25	19.74	19.74	19.61		
10	16QAM	1	49	19.55	19.69	19.66		
10	16QAM	25	0	19.68	19.65	19.66	20.9	0
10	16QAM	25	12	19.76	19.65	19.66		
10	16QAM	25	25	19.69	19.61	19.59		
10	16QAM	50	0	19.61	19.60	19.61		
10	64QAM	1	0	19.53	19.65	19.59	20.9	0
10	64QAM	1	25	19.62	19.71	19.60		
10	64QAM	1	49	19.71	19.72	19.78		
10	64QAM	25	0	19.64	19.51	19.70	20.9	0
10	64QAM	25	12	19.56	19.58	19.64		
10	64QAM	25	25	19.77	19.66	19.72		
10	64QAM	50	0	19.76	19.63	19.64		
10	256QAM	1	0	18.61	18.62	18.55	19.9	1
10	256QAM	1	25	18.74	18.75	18.57		
10	256QAM	1	49	18.59	18.75	18.69		
10	256QAM	25	0	18.66	18.66	18.62	19.9	1
10	256QAM	25	12	18.53	18.77	18.64		
10	256QAM	25	25	18.70	18.68	18.59		
10	256QAM	50	0	18.66	18.74	18.67		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.75	19.83	19.51	20.9	0
5	QPSK	1	12	19.65	19.67	19.74		
5	QPSK	1	24	19.66	19.66	19.63		
5	QPSK	12	0	19.54	19.87	19.63	20.9	0
5	QPSK	12	7	19.72	19.61	19.66		
5	QPSK	12	13	19.80	19.61	19.57		
5	QPSK	25	0	19.67	19.63	19.65		
5	16QAM	1	0	19.64	19.68	19.69	20.9	0
5	16QAM	1	12	19.72	19.74	19.55		
5	16QAM	1	24	19.62	19.66	19.66		
5	16QAM	12	0	19.58	19.61	19.71	20.9	0
5	16QAM	12	7	19.72	19.70	19.67		
5	16QAM	12	13	19.79	19.58	19.52		
5	16QAM	25	0	19.61	19.64	19.70		
5	64QAM	1	0	19.68	19.68	19.70	20.9	0
5	64QAM	1	12	19.59	19.60	19.61		
5	64QAM	1	24	19.73	19.72	19.69		
5	64QAM	12	0	19.64	19.55	19.70	20.9	0
5	64QAM	12	7	19.52	19.71	19.76		
5	64QAM	12	13	19.80	19.72	19.68		
5	64QAM	25	0	19.67	19.74	19.69		
5	256QAM	1	0	18.67	18.70	18.63	19.9	1
5	256QAM	1	12	18.66	18.65	18.56		
5	256QAM	1	24	18.66	18.74	18.70		
5	256QAM	12	0	18.55	18.71	18.71	19.9	1
5	256QAM	12	7	18.56	18.75	18.60		
5	256QAM	12	13	18.65	18.64	18.64		
5	256QAM	25	0	18.74	18.78	18.75		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	21.23	21.36	21.29	21.33	22.2	0
20	QPSK	1	49	21.31	21.29	21.34	21.30		
20	QPSK	1	99	21.33	21.33	21.30	21.22		
20	QPSK	50	0	21.33	21.35	21.23	21.18	22.2	0
20	QPSK	50	24	21.27	21.25	21.34	21.24		
20	QPSK	50	50	21.23	21.30	21.18	21.25		
20	QPSK	100	0	21.21	21.32	21.25	21.20		
20	16QAM	1	0	20.91	20.91	20.79	20.79	22.2	0
20	16QAM	1	49	20.81	20.85	20.92	20.90		
20	16QAM	1	99	20.90	20.80	20.84	20.82		
20	16QAM	50	0	20.80	20.93	20.88	20.92	22.2	0
20	16QAM	50	24	20.82	20.79	20.86	20.80		
20	16QAM	50	50	20.78	20.88	20.90	20.92		
20	16QAM	100	0	20.84	20.92	20.81	20.90		
20	64QAM	1	0	20.83	20.84	20.87	20.86	22.2	0
20	64QAM	1	49	20.81	20.79	20.80	20.90		
20	64QAM	1	99	20.90	20.91	20.84	20.90		
20	64QAM	50	0	19.78	19.81	19.84	19.85	21.2	1
20	64QAM	50	24	19.91	19.87	19.77	19.83		
20	64QAM	50	50	19.84	19.85	19.85	19.90		
20	64QAM	100	0	19.74	19.85	19.76	19.85		
20	256QAM	1	0	17.83	17.72	17.91	17.88	19.2	3
20	256QAM	1	49	17.80	17.85	17.87	17.84		
20	256QAM	1	99	17.75	17.79	17.79	17.83		
20	256QAM	50	0	17.77	17.81	17.85	17.90	19.2	3
20	256QAM	50	24	17.91	17.95	17.85	17.86		
20	256QAM	50	50	17.91	17.78	17.93	17.83		
20	256QAM	100	0	17.86	17.97	17.79	17.92		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.72	20.79	20.72	20.89	22.2	0
15	QPSK	1	37	20.87	20.71	20.87	20.75		
15	QPSK	1	74	20.81	20.80	20.82	20.72		
15	QPSK	36	0	20.77	20.85	20.80	20.69	22.2	0
15	QPSK	36	20	20.83	20.69	20.79	20.68		
15	QPSK	36	39	20.72	20.86	20.71	20.73		
15	QPSK	75	0	20.70	20.83	20.80	20.77		
15	16QAM	1	0	20.88	20.75	20.62	20.75	22.2	0
15	16QAM	1	37	20.76	20.72	20.76	20.87		
15	16QAM	1	74	20.81	20.77	20.77	20.77		
15	16QAM	36	0	20.68	20.81	20.71	20.84	22.2	0
15	16QAM	36	20	20.72	20.70	20.76	20.77		
15	16QAM	36	39	20.65	20.77	20.81	20.83		
15	16QAM	75	0	20.79	20.88	20.64	20.86		
15	64QAM	1	0	20.77	20.79	20.74	20.81	22.2	0
15	64QAM	1	37	20.68	20.66	20.70	20.85		
15	64QAM	1	74	20.85	20.87	20.75	20.73		
15	64QAM	36	0	19.69	19.79	19.68	19.71	21.2	1
15	64QAM	36	20	19.81	19.71	19.70	19.78		
15	64QAM	36	39	19.74	19.83	19.68	19.87		
15	64QAM	75	0	19.69	19.72	19.74	19.76		
15	256QAM	1	0	17.72	17.56	17.81	17.74	19.2	3
15	256QAM	1	37	17.77	17.81	17.82	17.72		
15	256QAM	1	74	17.63	17.76	17.72	17.76		
15	256QAM	36	0	17.67	17.70	17.80	17.73	19.2	3
15	256QAM	36	20	17.82	17.87	17.69	17.75		
15	256QAM	36	39	17.77	17.69	17.83	17.66		
15	256QAM	75	0	17.74	17.89	17.72	17.75		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.78	20.93	20.75	20.80	22.2	0
10	QPSK	1	25	20.80	20.85	20.87	20.87		
10	QPSK	1	49	20.83	20.91	20.82	20.71		
10	QPSK	25	0	20.80	20.79	20.72	20.68	22.2	0
10	QPSK	25	12	20.81	20.71	20.88	20.79		
10	QPSK	25	25	20.79	20.74	20.61	20.83		
10	QPSK	50	0	20.67	20.78	20.70	20.65		
10	16QAM	1	0	20.86	20.87	20.62	20.77	22.2	0
10	16QAM	1	25	20.76	20.83	20.76	20.78		
10	16QAM	1	49	20.82	20.63	20.76	20.72		
10	16QAM	25	0	20.62	20.76	20.80	20.88	22.2	0
10	16QAM	25	12	20.77	20.69	20.75	20.71		
10	16QAM	25	25	20.72	20.76	20.73	20.80		
10	16QAM	50	0	20.67	20.82	20.78	20.74		
10	64QAM	1	0	20.66	20.81	20.71	20.75	22.2	0
10	64QAM	1	25	20.73	20.67	20.63	20.76		
10	64QAM	1	49	20.73	20.78	20.79	20.87		
10	64QAM	25	0	19.70	19.65	19.73	19.79	21.2	1
10	64QAM	25	12	19.85	19.80	19.69	19.70		
10	64QAM	25	25	19.78	19.68	19.81	19.78		
10	64QAM	50	0	19.62	19.79	19.64	19.70		
10	256QAM	1	0	17.66	17.56	17.74	17.71	19.2	3
10	256QAM	1	25	17.64	17.70	17.69	17.77		
10	256QAM	1	49	17.61	17.66	17.70	17.67		
10	256QAM	25	0	17.64	17.79	17.71	17.73	19.2	3
10	256QAM	25	12	17.81	17.88	17.69	17.77		
10	256QAM	25	25	17.86	17.75	17.81	17.65		
10	256QAM	50	0	17.80	17.82	17.75	17.90		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.79	20.91	20.81	20.87	22.2	0
5	QPSK	1	12	20.76	20.87	20.83	20.87		
5	QPSK	1	24	20.84	20.90	20.74	20.65		
5	QPSK	12	0	20.90	20.86	20.74	20.76	22.2	0
5	QPSK	12	7	20.85	20.80	20.90	20.74		
5	QPSK	12	13	20.66	20.77	20.70	20.68		
5	QPSK	25	0	20.65	20.81	20.79	20.74		
5	16QAM	1	0	20.74	20.75	20.70	20.65	22.2	0
5	16QAM	1	12	20.73	20.71	20.77	20.82		
5	16QAM	1	24	20.85	20.66	20.73	20.78		
5	16QAM	12	0	20.71	20.91	20.75	20.77	22.2	0
5	16QAM	12	7	20.70	20.64	20.72	20.75		
5	16QAM	12	13	20.71	20.77	20.85	20.87		
5	16QAM	25	0	20.77	20.74	20.78	20.74		
5	64QAM	1	0	20.76	20.79	20.84	20.82	22.2	0
5	64QAM	1	12	20.64	20.66	20.68	20.88		
5	64QAM	1	24	20.87	20.86	20.73	20.74		
5	64QAM	12	0	19.75	19.77	19.69	19.76	21.2	1
5	64QAM	12	7	19.74	19.72	19.63	19.79		
5	64QAM	12	13	19.78	19.81	19.82	19.75		
5	64QAM	25	0	19.72	19.68	19.67	19.70		
5	256QAM	1	0	17.65	17.62	17.73	17.84	19.2	3
5	256QAM	1	12	17.73	17.72	17.73	17.67		
5	256QAM	1	24	17.69	17.62	17.64	17.69		
5	256QAM	12	0	17.61	17.71	17.75	17.87	19.2	3
5	256QAM	12	7	17.83	17.92	17.69	17.68		
5	256QAM	12	13	17.88	17.66	17.82	17.67		
5	256QAM	25	0	17.84	17.91	17.73	17.75		

Band 38

BW [MHz]	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	22.79	22.83	22.74	24	0
20	QPSK	1	49	22.64	22.78	22.70		
20	QPSK	1	99	22.66	22.77	22.57		
20	QPSK	50	0	21.83	21.94	21.82	23	1
20	QPSK	50	24	21.88	21.69	21.83		
20	QPSK	50	50	21.69	21.92	21.65		
20	QPSK	100	0	21.91	21.92	21.83		
20	16QAM	1	0	21.76	21.69	21.67	23	1
20	16QAM	1	49	21.69	21.83	21.68		
20	16QAM	1	99	21.68	21.77	21.69		
20	16QAM	50	0	20.80	20.91	20.85	22	2
20	16QAM	50	24	20.89	20.90	20.83		
20	16QAM	50	50	20.79	20.87	20.75		
20	16QAM	100	0	20.69	20.78	20.65		
20	64QAM	1	0	20.84	20.73	20.82	22	2
20	64QAM	1	49	20.74	20.94	20.86		
20	64QAM	1	99	20.66	20.91	20.73		
20	64QAM	50	0	19.83	19.86	19.86	21	3
20	64QAM	50	24	19.87	19.93	19.76		
20	64QAM	50	50	19.75	19.85	19.74		
20	64QAM	100	0	19.89	19.80	19.80		
20	256QAM	1	0	17.72	17.89	17.61	19	5
20	256QAM	1	49	17.73	17.74	17.85		
20	256QAM	1	99	17.92	17.74	17.80		
20	256QAM	50	0	17.76	17.92	17.64	19	5
20	256QAM	50	24	17.71	17.89	17.64		
20	256QAM	50	50	17.89	17.71	17.69		
20	256QAM	100	0	17.70	17.86	17.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.73	22.69	22.69	24	0
15	QPSK	1	37	22.48	22.68	22.68		
15	QPSK	1	74	22.62	22.75	22.41		
15	QPSK	36	0	21.68	21.80	21.74	23	1
15	QPSK	36	20	21.70	21.65	21.78		
15	QPSK	36	39	21.51	21.83	21.51		
15	QPSK	75	0	21.82	21.84	21.80		
15	16QAM	1	0	21.72	21.52	21.52	23	1
15	16QAM	1	37	21.53	21.68	21.56		
15	16QAM	1	74	21.56	21.67	21.55		
15	16QAM	36	0	20.66	20.88	20.71	22	2
15	16QAM	36	20	20.78	20.77	20.66		
15	16QAM	36	39	20.72	20.72	20.59		
15	16QAM	75	0	20.58	20.74	20.47		
15	64QAM	1	0	20.77	20.70	20.72	22	2
15	64QAM	1	37	20.64	20.82	20.80		
15	64QAM	1	74	20.61	20.83	20.61		
15	64QAM	36	0	19.74	19.76	19.76	21	3
15	64QAM	36	20	19.83	19.83	19.68		
15	64QAM	36	39	19.72	19.71	19.69		
15	64QAM	75	0	19.81	19.69	19.77		
15	256QAM	1	0	17.63	17.74	17.57	19	5
15	256QAM	1	37	17.56	17.64	17.80		
15	256QAM	1	74	17.82	17.62	17.65		
15	256QAM	36	0	17.66	17.87	17.62	19	5
15	256QAM	36	20	17.68	17.74	17.61		
15	256QAM	36	39	17.81	17.54	17.60		
15	256QAM	75	0	17.61	17.76	17.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.68	22.74	22.58	24	0
10	QPSK	1	25	22.60	22.69	22.66		
10	QPSK	1	49	22.60	22.63	22.44		
10	QPSK	25	0	21.70	21.89	21.64	23	1
10	QPSK	25	12	21.73	21.51	21.69		
10	QPSK	25	25	21.64	21.75	21.58		
10	QPSK	50	0	21.78	21.77	21.71		
10	16QAM	1	0	21.66	21.64	21.50	23	1
10	16QAM	1	25	21.60	21.80	21.62		
10	16QAM	1	49	21.63	21.62	21.57		
10	16QAM	25	0	20.70	20.86	20.80	22	2
10	16QAM	25	12	20.79	20.86	20.80		
10	16QAM	25	25	20.66	20.85	20.68		
10	16QAM	50	0	20.55	20.61	20.51		
10	64QAM	1	0	20.82	20.62	20.80	22	2
10	64QAM	1	25	20.71	20.81	20.74		
10	64QAM	1	49	20.58	20.89	20.68		
10	64QAM	25	0	19.68	19.84	19.84	21	3
10	64QAM	25	12	19.71	19.83	19.64		
10	64QAM	25	25	19.61	19.76	19.65		
10	64QAM	50	0	19.81	19.76	19.74		
10	256QAM	1	0	17.59	17.83	17.50	19	5
10	256QAM	1	25	17.59	17.70	17.73		
10	256QAM	1	49	17.86	17.67	17.67		
10	256QAM	25	0	17.61	17.89	17.56	19	5
10	256QAM	25	12	17.69	17.83	17.54		
10	256QAM	25	25	17.77	17.56	17.64		
10	256QAM	50	0	17.53	17.79	17.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.76	22.70	22.61	24	0
5	QPSK	1	12	22.55	22.65	22.55		
5	QPSK	1	24	22.54	22.72	22.48		
5	QPSK	12	0	21.77	21.90	21.79	23	1
5	QPSK	12	7	21.82	21.62	21.69		
5	QPSK	12	13	21.66	21.81	21.55		
5	QPSK	25	0	21.82	21.87	21.80		
5	16QAM	1	0	21.70	21.56	21.64	23	1
5	16QAM	1	12	21.52	21.68	21.57		
5	16QAM	1	24	21.51	21.68	21.57		
5	16QAM	12	0	20.66	20.84	20.80	22	2
5	16QAM	12	7	20.81	20.74	20.78		
5	16QAM	12	13	20.65	20.75	20.63		
5	16QAM	25	0	20.62	20.70	20.55		
5	64QAM	1	0	20.67	20.64	20.79	22	2
5	64QAM	1	12	20.69	20.84	20.81		
5	64QAM	1	24	20.52	20.88	20.58		
5	64QAM	12	0	19.71	19.76	19.74	21	3
5	64QAM	12	7	19.82	19.87	19.61		
5	64QAM	12	13	19.62	19.69	19.71		
5	64QAM	25	0	19.80	19.72	19.64		
5	256QAM	1	0	17.69	17.84	17.54	19	5
5	256QAM	1	12	17.65	17.59	17.71		
5	256QAM	1	24	17.79	17.61	17.76		
5	256QAM	12	0	17.60	17.89	17.49	19	5
5	256QAM	12	7	17.58	17.80	17.51		
5	256QAM	12	13	17.77	17.57	17.64		
5	256QAM	25	0	17.64	17.71	17.56		

Band 41

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	21.36	21.42	21.48	21.44	21.28	23	0
20	QPSK	1	49	21.24	21.31	21.44	21.31	21.18		
20	QPSK	1	99	21.24	21.39	21.33	21.32	21.10		
20	QPSK	50	0	20.29	20.40	20.53	20.50	20.14	22	1
20	QPSK	50	24	20.36	20.40	20.42	20.41	20.23		
20	QPSK	50	50	20.32	20.47	20.43	20.34	20.35		
20	QPSK	100	0	20.46	20.41	20.47	20.36	20.15		
20	16QAM	1	0	20.42	20.53	20.56	20.32	20.31	22	1
20	16QAM	1	49	20.36	20.29	20.40	20.41	20.37		
20	16QAM	1	99	20.43	20.35	20.40	20.37	20.24		
20	16QAM	50	0	19.24	19.34	19.50	19.50	19.21	21	2
20	16QAM	50	24	19.32	19.47	19.34	19.58	19.35		
20	16QAM	50	50	19.39	19.28	19.33	19.40	19.34		
20	16QAM	100	0	19.28	19.44	19.34	19.44	19.39		
20	64QAM	1	0	19.41	19.54	19.62	19.45	19.22	21	2
20	64QAM	1	49	19.40	19.56	19.61	19.39	19.15		
20	64QAM	1	99	19.43	19.43	19.50	19.51	19.31		
20	64QAM	50	0	18.39	18.38	18.58	18.44	18.39	20	3
20	64QAM	50	24	18.30	18.51	18.62	18.58	18.30		
20	64QAM	50	50	18.24	18.35	18.40	18.53	18.23		
20	64QAM	100	0	18.25	18.54	18.51	18.48	18.28		
20	256QAM	1	0	16.36	16.42	16.44	16.30	16.14	18	5
20	256QAM	1	49	16.50	16.50	16.42	16.43	16.24		
20	256QAM	1	99	16.40	16.41	16.59	16.53	16.22		
20	256QAM	50	0	16.41	16.40	16.54	16.55	16.18	18	5
20	256QAM	50	24	16.24	16.37	16.52	16.38	16.16		
20	256QAM	50	50	16.22	16.40	16.35	16.48	16.17		
20	256QAM	100	0	16.24	16.53	16.59	16.31	16.23		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.30	21.29	21.44	21.39	21.19	23	0
15	QPSK	1	37	21.13	21.15	21.36	21.28	21.04		
15	QPSK	1	74	21.13	21.21	21.30	21.20	21.03		
15	QPSK	36	0	20.13	20.27	20.43	20.37	20.03	22	1
15	QPSK	36	20	20.22	20.23	20.26	20.34	20.16		
15	QPSK	36	39	20.16	20.42	20.31	20.22	20.26		
15	QPSK	75	0	20.34	20.28	20.36	20.33	20.05		
15	16QAM	1	0	20.39	20.38	20.50	20.25	20.27	22	1
15	16QAM	1	37	20.32	20.18	20.33	20.28	20.32		
15	16QAM	1	74	20.39	20.30	20.36	20.30	20.14		
15	16QAM	36	0	19.20	19.22	19.47	19.45	19.04	21	2
15	16QAM	36	20	19.17	19.35	19.30	19.49	19.20		
15	16QAM	36	39	19.27	19.15	19.25	19.27	19.17		
15	16QAM	75	0	19.26	19.33	19.29	19.27	19.23		
15	64QAM	1	0	19.23	19.33	19.55	19.33	19.36	21	2
15	64QAM	1	37	19.38	19.37	19.44	19.57	19.26		
15	64QAM	1	74	19.29	19.39	19.35	19.41	19.28		
15	64QAM	36	0	18.29	18.34	18.50	18.42	18.32	20	3
15	64QAM	36	20	18.19	18.35	18.52	18.42	18.23		
15	64QAM	36	39	18.12	18.32	18.36	18.49	18.17		
15	64QAM	75	0	18.10	18.46	18.38	18.42	18.20		
15	256QAM	1	0	16.33	16.30	16.36	16.18	16.11	18	5
15	256QAM	1	37	16.37	16.41	16.32	16.38	16.18		
15	256QAM	1	74	16.26	16.38	16.50	16.40	16.16		
15	256QAM	36	0	16.38	16.31	16.42	16.38	16.06	18	5
15	256QAM	36	20	16.15	16.26	16.43	16.35	16.05		
15	256QAM	36	39	16.06	16.30	16.27	16.30	16.12		
15	256QAM	75	0	16.20	16.36	16.53	16.17	16.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.27	21.27	21.46	21.31	21.21	23	0
10	QPSK	1	25	21.16	21.22	21.38	21.19	21.15		
10	QPSK	1	49	21.11	21.26	21.18	21.18	21.07		
10	QPSK	25	0	20.21	20.33	20.36	20.44	20.03	22	1
10	QPSK	25	12	20.29	20.27	20.32	20.27	20.16		
10	QPSK	25	25	20.29	20.41	20.39	20.24	20.24		
10	QPSK	50	0	20.39	20.37	20.43	20.24	20.12		
10	16QAM	1	0	20.40	20.40	20.47	20.19	20.20	22	1
10	16QAM	1	25	20.31	20.26	20.23	20.26	20.24		
10	16QAM	1	49	20.40	20.29	20.24	20.25	20.09		
10	16QAM	25	0	19.07	19.20	19.38	19.48	19.05	21	2
10	16QAM	25	12	19.19	19.37	19.18	19.53	19.31		
10	16QAM	25	25	19.30	19.11	19.27	19.31	19.32		
10	16QAM	50	0	19.17	19.38	19.27	19.28	19.32		
10	64QAM	1	0	19.34	19.53	19.41	19.31	19.35	21	2
10	64QAM	1	25	19.42	19.50	19.33	19.33	19.23		
10	64QAM	1	49	19.29	19.48	19.53	19.57	19.29		
10	64QAM	25	0	18.37	18.32	18.50	18.36	18.24	20	3
10	64QAM	25	12	18.12	18.46	18.50	18.42	18.27		
10	64QAM	25	25	18.19	18.25	18.31	18.46	18.08		
10	64QAM	50	0	18.16	18.42	18.46	18.43	18.15		
10	256QAM	1	0	16.30	16.34	16.41	16.17	16.09	18	5
10	256QAM	1	25	16.45	16.37	16.36	16.28	16.10		
10	256QAM	1	49	16.23	16.37	16.54	16.43	16.05		
10	256QAM	25	0	16.30	16.24	16.36	16.47	16.05	18	5
10	256QAM	25	12	16.07	16.32	16.39	16.31	16.03		
10	256QAM	25	25	16.19	16.36	16.18	16.33	16.09		
10	256QAM	50	0	16.08	16.42	16.41	16.15	16.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.20	21.34	21.37	21.40	21.25	23	0
5	QPSK	1	12	21.18	21.22	21.29	21.26	21.03		
5	QPSK	1	24	21.17	21.29	21.18	21.28	21.26		
5	QPSK	12	0	20.23	20.23	20.40	20.42	20.02	22	1
5	QPSK	12	7	20.20	20.36	20.28	20.28	20.19		
5	QPSK	12	13	20.25	20.37	20.38	20.31	20.21		
5	QPSK	25	0	20.35	20.31	20.39	20.29	20.01		
5	16QAM	1	0	20.34	20.40	20.39	20.16	20.24	22	1
5	16QAM	1	12	20.21	20.21	20.26	20.34	20.28		
5	16QAM	1	24	20.30	20.18	20.37	20.26	20.15		
5	16QAM	12	0	19.09	19.18	19.46	19.34	19.09	21	2
5	16QAM	12	7	19.17	19.29	19.21	19.40	19.22		
5	16QAM	12	13	19.26	19.11	19.22	19.31	19.19		
5	16QAM	25	0	19.13	19.36	19.31	19.37	19.34		
5	64QAM	1	0	19.48	19.49	19.52	19.45	19.24	21	2
5	64QAM	1	12	19.46	19.49	19.38	19.50	19.28		
5	64QAM	1	24	19.34	19.31	19.34	19.43	19.20		
5	64QAM	12	0	18.30	18.27	18.46	18.37	18.30	20	3
5	64QAM	12	7	18.19	18.40	18.51	18.56	18.27		
5	64QAM	12	13	18.12	18.21	18.36	18.43	18.09		
5	64QAM	25	0	18.10	18.44	18.47	18.43	18.16		
5	256QAM	1	0	16.19	16.35	16.30	16.16	16.08	18	5
5	256QAM	1	12	16.43	16.41	16.26	16.35	16.09		
5	256QAM	1	24	16.34	16.32	16.45	16.47	16.07		
5	256QAM	12	0	16.34	16.23	16.40	16.42	16.09	18	5
5	256QAM	12	7	16.12	16.22	16.46	16.29	16.09		
5	256QAM	12	13	16.16	16.26	16.23	16.46	16.14		
5	256QAM	25	0	16.09	16.49	16.42	16.17	16.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.47	24.56	24.62	24.52	24.33	26	0
20	QPSK	1	49	24.38	24.51	24.55	24.48	24.16		
20	QPSK	1	99	24.31	24.39	24.54	24.39	24.24		
20	QPSK	50	0	23.36	23.55	23.69	23.47	23.19	25	1
20	QPSK	50	24	23.57	23.42	23.67	23.55	23.31		
20	QPSK	50	50	23.53	23.53	23.68	23.50	23.25		
20	QPSK	100	0	23.52	23.43	23.56	23.41	23.37		
20	16QAM	1	0	23.59	23.63	23.50	23.54	23.39	25	1
20	16QAM	1	49	23.33	23.52	23.68	23.61	23.30		
20	16QAM	1	99	23.55	23.69	23.63	23.55	23.22		
20	16QAM	50	0	22.53	22.48	22.49	22.45	22.20	24	2
20	16QAM	50	24	22.36	22.50	22.55	22.44	22.21		
20	16QAM	50	50	22.37	22.51	22.66	22.49	22.36		
20	16QAM	100	0	22.37	22.44	22.55	22.38	22.35		
20	64QAM	1	0	22.34	22.57	22.74	22.50	22.33	24	2
20	64QAM	1	49	22.38	22.44	22.64	22.56	22.44		
20	64QAM	1	99	22.52	22.50	22.54	22.39	22.30		
20	64QAM	50	0	21.37	21.43	21.75	21.48	21.47	23	3
20	64QAM	50	24	21.53	21.55	21.65	21.42	21.38		
20	64QAM	50	50	21.53	21.65	21.73	21.64	21.42		
20	64QAM	100	0	21.49	21.55	21.49	21.45	21.33		
20	256QAM	1	0	19.42	19.55	19.59	19.65	19.26	21	5
20	256QAM	1	49	19.33	19.62	19.60	19.37	19.45		
20	256QAM	1	99	19.48	19.66	19.69	19.59	19.46		
20	256QAM	50	0	19.44	19.48	19.53	19.55	19.22	21	5
20	256QAM	50	24	19.44	19.64	19.47	19.38	19.19		
20	256QAM	50	50	19.59	19.55	19.69	19.63	19.44		
20	256QAM	100	0	19.60	19.64	19.73	19.54	19.25		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.33	24.42	24.55	24.45	24.25	26	0
15	QPSK	1	37	24.25	24.34	24.37	24.39	24.10		
15	QPSK	1	74	24.27	24.36	24.40	24.31	24.18		
15	QPSK	36	0	23.36	23.44	23.51	23.62	23.23	25	1
15	QPSK	36	20	23.47	23.38	23.61	23.42	23.15		
15	QPSK	36	39	23.50	23.50	23.54	23.48	23.23		
15	QPSK	75	0	23.49	23.38	23.41	23.27	23.29		
15	16QAM	1	0	23.47	23.48	23.32	23.44	23.27	25	1
15	16QAM	1	37	23.16	23.37	23.60	23.43	23.24		
15	16QAM	1	74	23.51	23.54	23.55	23.44	23.13		
15	16QAM	36	0	22.42	22.44	22.35	22.32	22.14	24	2
15	16QAM	36	20	22.31	22.44	22.42	22.31	22.19		
15	16QAM	36	39	22.30	22.43	22.54	22.36	22.32		
15	16QAM	75	0	22.34	22.38	22.46	22.23	22.17		
15	64QAM	1	0	22.24	22.46	22.64	22.40	22.26	24	2
15	64QAM	1	37	22.27	22.42	22.54	22.43	22.27		
15	64QAM	1	74	22.45	22.35	22.38	22.21	22.19		
15	64QAM	36	0	21.27	21.37	21.64	21.32	21.39	23	3
15	64QAM	36	20	21.48	21.51	21.48	21.38	21.32		
15	64QAM	36	39	21.44	21.58	21.62	21.52	21.28		
15	64QAM	75	0	21.37	21.50	21.31	21.29	21.17		
15	256QAM	1	0	19.36	19.38	19.56	19.49	19.14	21	5
15	256QAM	1	37	19.25	19.50	19.49	19.22	19.40		
15	256QAM	1	74	19.46	19.52	19.58	19.52	19.37		
15	256QAM	36	0	19.33	19.42	19.43	19.50	19.20	21	5
15	256QAM	36	20	19.38	19.47	19.41	19.28	19.15		
15	256QAM	36	39	19.46	19.51	19.55	19.55	19.28		
15	256QAM	75	0	19.56	19.50	19.63	19.52	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.38	24.40	24.54	24.42	24.17	26	0
10	QPSK	1	25	24.26	24.42	24.40	24.39	24.09		
10	QPSK	1	49	24.22	24.22	24.44	24.25	24.22		
10	QPSK	25	0	23.26	23.44	23.52	23.37	23.05	25	1
10	QPSK	25	12	23.50	23.25	23.51	23.50	23.14		
10	QPSK	25	25	23.42	23.45	23.54	23.37	23.20		
10	QPSK	50	0	23.49	23.35	23.38	23.26	23.21		
10	16QAM	1	0	23.55	23.51	23.46	23.45	23.37	25	1
10	16QAM	1	25	23.28	23.35	23.58	23.48	23.16		
10	16QAM	1	49	23.48	23.56	23.59	23.44	23.15		
10	16QAM	25	0	22.50	22.35	22.35	22.32	22.14	24	2
10	16QAM	25	12	22.29	22.36	22.51	22.41	22.08		
10	16QAM	25	25	22.33	22.48	22.53	22.43	22.32		
10	16QAM	50	0	22.27	22.31	22.51	22.35	22.21		
10	64QAM	1	0	22.16	22.43	22.60	22.44	22.21	24	2
10	64QAM	1	25	22.32	22.34	22.53	22.46	22.40		
10	64QAM	1	49	22.35	22.37	22.37	22.30	22.22		
10	64QAM	25	0	21.24	21.27	21.69	21.41	21.40	23	3
10	64QAM	25	12	21.48	21.37	21.56	21.33	21.28		
10	64QAM	25	25	21.41	21.61	21.57	21.49	21.36		
10	64QAM	50	0	21.39	21.39	21.42	21.32	21.15		
10	256QAM	1	0	19.38	19.51	19.55	19.52	19.08	21	5
10	256QAM	1	25	19.15	19.51	19.51	19.28	19.41		
10	256QAM	1	49	19.44	19.51	19.58	19.57	19.30		
10	256QAM	25	0	19.57	19.68	19.74	19.38	19.42	21	5
10	256QAM	25	12	19.55	19.53	19.76	19.66	19.26		
10	256QAM	25	25	19.56	19.60	19.72	19.40	19.34		
10	256QAM	50	0	19.58	19.62	19.59	19.51	19.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.45	24.44	24.46	24.38	24.19	26	0
5	QPSK	1	12	24.25	24.40	24.47	24.44	24.08		
5	QPSK	1	24	24.19	24.23	24.50	24.25	24.07		
5	QPSK	12	0	23.22	23.44	23.51	23.34	23.11	25	1
5	QPSK	12	7	23.45	23.30	23.49	23.42	23.25		
5	QPSK	12	13	23.48	23.49	23.50	23.39	23.19		
5	QPSK	25	0	23.44	23.27	23.50	23.34	23.34		
5	16QAM	1	0	23.38	23.44	23.53	23.42	23.40	25	1
5	16QAM	1	12	23.43	23.51	23.69	23.59	23.26		
5	16QAM	1	24	23.47	23.53	23.63	23.38	23.23		
5	16QAM	12	0	22.38	22.41	22.64	22.63	22.28	24	2
5	16QAM	12	7	22.51	22.49	22.66	22.55	22.19		
5	16QAM	12	13	22.58	22.66	22.47	22.40	22.29		
5	16QAM	25	0	22.24	22.37	22.41	22.32	22.33		
5	64QAM	1	0	22.22	22.46	22.59	22.44	22.31	24	2
5	64QAM	1	12	22.32	22.39	22.58	22.43	22.39		
5	64QAM	1	24	22.45	22.46	22.49	22.22	22.13		
5	64QAM	12	0	21.34	21.39	21.72	21.34	21.30	23	3
5	64QAM	12	7	21.39	21.49	21.62	21.31	21.34		
5	64QAM	12	13	21.48	21.52	21.67	21.60	21.28		
5	64QAM	25	0	21.44	21.44	21.44	21.29	21.28		
5	256QAM	1	0	19.25	19.38	19.55	19.62	19.22	21	5
5	256QAM	1	12	19.20	19.52	19.43	19.29	19.36		
5	256QAM	1	24	19.44	19.56	19.62	19.48	19.44		
5	256QAM	12	0	19.42	19.30	19.46	19.39	19.19	21	5
5	256QAM	12	7	19.35	19.61	19.44	19.26	19.14		
5	256QAM	12	13	19.53	19.52	19.64	19.54	19.36		
5	256QAM	25	0	19.55	19.56	19.59	19.42	19.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.36	19.37	19.24	20.5	0
20	QPSK	1	49	19.33	19.29	19.23		
20	QPSK	1	99	19.30	19.28	19.25		
20	QPSK	50	0	19.27	19.34	19.32	20.5	0
20	QPSK	50	24	19.31	19.23	19.32		
20	QPSK	50	50	19.31	19.30	19.33		
20	QPSK	100	0	19.23	19.30	19.28		
20	16QAM	1	0	19.32	19.28	19.26	20.5	0
20	16QAM	1	49	19.22	19.33	19.24		
20	16QAM	1	99	19.22	19.33	19.32		
20	16QAM	50	0	19.24	19.21	19.35	20.5	0
20	16QAM	50	24	19.31	19.28	19.31		
20	16QAM	50	50	19.35	19.26	19.31		
20	16QAM	100	0	19.32	19.33	19.22		
20	64QAM	1	0	19.27	19.24	19.32	20.5	0
20	64QAM	1	49	19.32	19.35	19.26		
20	64QAM	1	99	19.22	19.35	19.28		
20	64QAM	50	0	19.25	19.31	19.25	20.5	0
20	64QAM	50	24	19.25	19.20	19.26		
20	64QAM	50	50	19.30	19.29	19.20		
20	64QAM	100	0	19.31	19.27	19.32		
20	256QAM	1	0	17.42	17.30	17.30	18.5	2
20	256QAM	1	49	17.33	17.38	17.40		
20	256QAM	1	99	17.41	17.44	17.33		
20	256QAM	50	0	17.39	17.44	17.32	18.5	2
20	256QAM	50	24	17.45	17.34	17.30		
20	256QAM	50	50	17.34	17.31	17.30		
20	256QAM	100	0	17.30	17.37	17.45		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.04	19.35	19.21	20.5	0
15	QPSK	1	37	19.18	19.23	19.12		
15	QPSK	1	74	19.27	19.18	19.21		
15	QPSK	36	0	19.22	19.19	19.23	20.5	0
15	QPSK	36	20	19.21	19.16	19.26		
15	QPSK	36	39	19.22	19.26	19.28		
15	QPSK	75	0	19.06	19.27	19.24		
15	16QAM	1	0	19.29	19.13	19.17	20.5	0
15	16QAM	1	37	19.07	19.20	19.17		
15	16QAM	1	74	19.10	19.17	19.29		
15	16QAM	36	0	19.06	19.06	19.18	20.5	0
15	16QAM	36	20	19.14	19.22	19.23		
15	16QAM	36	39	19.31	19.16	19.28		
15	16QAM	75	0	19.27	19.25	19.05		
15	64QAM	1	0	19.22	19.14	19.24	20.5	0
15	64QAM	1	37	19.16	19.24	19.15		
15	64QAM	1	74	19.15	19.22	19.18		
15	64QAM	36	0	19.17	19.28	19.15	20.5	0
15	64QAM	36	20	19.07	19.07	19.20		
15	64QAM	36	39	19.14	19.26	19.03		
15	64QAM	75	0	19.17	19.24	19.14		
15	256QAM	1	0	17.24	17.21	17.26	18.5	2
15	256QAM	1	37	17.23	17.21	17.30		
15	256QAM	1	74	17.35	17.32	17.26		
15	256QAM	36	0	17.37	17.35	17.27	18.5	2
15	256QAM	36	20	17.38	17.30	17.16		
15	256QAM	36	39	17.29	17.15	17.14		
15	256QAM	75	0	17.20	17.29	17.31		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.06	19.28	19.12	20.5	0
10	QPSK	1	25	19.22	19.25	19.16		
10	QPSK	1	49	19.24	19.11	19.17		
10	QPSK	25	0	19.12	19.16	19.23	20.5	0
10	QPSK	25	12	19.15	19.14	19.24		
10	QPSK	25	25	19.16	19.24	19.23		
10	QPSK	50	0	19.07	19.22	19.10		
10	16QAM	1	0	19.29	19.21	19.13	20.5	0
10	16QAM	1	25	19.08	19.16	19.17		
10	16QAM	1	49	19.04	19.25	19.22		
10	16QAM	25	0	19.15	19.14	19.23	20.5	0
10	16QAM	25	12	19.26	19.11	19.16		
10	16QAM	25	25	19.30	19.08	19.14		
10	16QAM	50	0	19.16	19.30	19.17		
10	64QAM	1	0	19.16	19.21	19.22	20.5	0
10	64QAM	1	25	19.26	19.22	19.13		
10	64QAM	1	49	19.05	19.21	19.13		
10	64QAM	25	0	19.22	19.23	19.09	20.5	0
10	64QAM	25	12	19.22	19.06	19.22		
10	64QAM	25	25	19.20	19.17	19.15		
10	64QAM	50	0	19.19	19.20	19.25		
10	256QAM	1	0	17.39	17.27	17.19	18.5	2
10	256QAM	1	25	17.26	17.20	17.24		
10	256QAM	1	49	17.38	17.30	17.25		
10	256QAM	25	0	17.22	17.27	17.17	18.5	2
10	256QAM	25	12	17.40	17.31	17.16		
10	256QAM	25	25	17.18	17.27	17.16		
10	256QAM	50	0	17.20	17.25	17.35		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.11	19.20	19.20	20.5	0
5	QPSK	1	12	19.22	19.26	19.07		
5	QPSK	1	24	19.20	19.19	19.18		
5	QPSK	12	0	19.18	19.25	19.17	20.5	0
5	QPSK	12	7	19.16	19.11	19.17		
5	QPSK	12	13	19.15	19.16	19.31		
5	QPSK	25	0	19.17	19.21	19.17		
5	16QAM	1	0	19.21	19.14	19.16	20.5	0
5	16QAM	1	12	19.17	19.22	19.17		
5	16QAM	1	24	19.08	19.27	19.20		
5	16QAM	12	0	19.13	19.14	19.25	20.5	0
5	16QAM	12	7	19.22	19.17	19.18		
5	16QAM	12	13	19.30	19.18	19.25		
5	16QAM	25	0	19.16	19.20	19.06		
5	64QAM	1	0	19.17	19.12	19.21	20.5	0
5	64QAM	1	12	19.23	19.27	19.19		
5	64QAM	1	24	19.05	19.23	19.12		
5	64QAM	12	0	19.08	19.24	19.11	20.5	0
5	64QAM	12	7	19.09	19.10	19.19		
5	64QAM	12	13	19.21	19.22	19.03		
5	64QAM	25	0	19.14	19.19	19.21		
5	256QAM	1	0	17.27	17.23	17.26	18.5	2
5	256QAM	1	12	17.16	17.25	17.31		
5	256QAM	1	24	17.31	17.41	17.24		
5	256QAM	12	0	17.24	17.36	17.23	18.5	2
5	256QAM	12	7	17.36	17.19	17.21		
5	256QAM	12	13	17.20	17.20	17.20		
5	256QAM	25	0	17.19	17.31	17.27		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3698		
20	QPSK	1	0	18.93	19.10	18.98	19.04	20.2	0
20	QPSK	1	49	19.06	18.99	18.92	18.95		
20	QPSK	1	99	19.06	19.08	19.03	19.07		
20	QPSK	50	0	18.99	19.09	19.02	19.07	20.2	0
20	QPSK	50	24	19.04	18.93	19.06	19.02		
20	QPSK	50	50	18.98	19.04	18.93	18.93		
20	QPSK	100	0	18.98	19.00	18.93	18.94		
20	16QAM	1	0	18.59	18.63	18.66	18.61	20.2	0
20	16QAM	1	49	18.55	18.60	18.53	18.56		
20	16QAM	1	99	18.57	18.59	18.63	18.61		
20	16QAM	50	0	18.58	18.59	18.60	18.56	20.2	0
20	16QAM	50	24	18.58	18.64	18.64	18.66		
20	16QAM	50	50	18.55	18.64	18.56	18.64		
20	16QAM	100	0	18.61	18.67	18.61	18.55		
20	64QAM	1	0	18.56	18.64	18.57	18.68	20.2	0
20	64QAM	1	49	18.56	18.56	18.59	18.65		
20	64QAM	1	99	18.58	18.52	18.68	18.54		
20	64QAM	50	0	18.59	18.61	18.61	18.62	20.2	0
20	64QAM	50	24	18.67	18.59	18.58	18.63		
20	64QAM	50	50	18.60	18.58	18.64	18.60		
20	64QAM	100	0	18.59	18.53	18.55	18.61		
20	256QAM	1	0	18.61	18.56	18.53	18.60	20.2	0
20	256QAM	1	49	18.60	18.63	18.53	18.64		
20	256QAM	1	99	18.68	18.55	18.67	18.62		
20	256QAM	50	0	18.58	18.66	18.54	18.57	20.2	0
20	256QAM	50	24	18.55	18.59	18.52	18.66		
20	256QAM	50	50	18.62	18.57	18.67	18.52		
20	256QAM	100	0	18.54	18.57	18.62	18.66		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.48	18.66	18.53	18.39	20.2	0
15	QPSK	1	37	18.51	18.43	18.43	18.38		
15	QPSK	1	74	18.57	18.64	18.61	18.54		
15	QPSK	36	0	18.45	18.64	18.50	18.63	20.2	0
15	QPSK	36	20	18.49	18.45	18.53	18.45		
15	QPSK	36	39	18.51	18.53	18.43	18.49		
15	QPSK	75	0	18.47	18.52	18.36	18.40		
15	16QAM	1	0	18.43	18.53	18.55	18.54	20.2	0
15	16QAM	1	37	18.42	18.42	18.41	18.39		
15	16QAM	1	74	18.41	18.44	18.49	18.52		
15	16QAM	36	0	18.55	18.53	18.43	18.51	20.2	0
15	16QAM	36	20	18.46	18.50	18.47	18.58		
15	16QAM	36	39	18.50	18.50	18.45	18.62		
15	16QAM	75	0	18.50	18.51	18.43	18.48		
15	64QAM	1	0	18.49	18.47	18.40	18.64	20.2	0
15	64QAM	1	37	18.42	18.50	18.42	18.52		
15	64QAM	1	74	18.45	18.35	18.55	18.48		
15	64QAM	36	0	18.44	18.44	18.57	18.55	20.2	0
15	64QAM	36	20	18.57	18.41	18.49	18.47		
15	64QAM	36	39	18.56	18.53	18.58	18.58		
15	64QAM	75	0	18.54	18.41	18.52	18.44		
15	256QAM	1	0	18.47	18.38	18.36	18.54	20.2	0
15	256QAM	1	37	18.57	18.56	18.35	18.48		
15	256QAM	1	74	18.56	18.43	18.61	18.58		
15	256QAM	36	0	18.48	18.56	18.41	18.44	20.2	0
15	256QAM	36	20	18.41	18.50	18.41	18.59		
15	256QAM	36	39	18.59	18.43	18.55	18.39		
15	256QAM	75	0	18.45	18.50	18.47	18.58		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.51	18.65	18.40	18.42	20.2	0
10	QPSK	1	25	18.62	18.41	18.43	18.52		
10	QPSK	1	49	18.62	18.53	18.46	18.51		
10	QPSK	25	0	18.57	18.51	18.57	18.56	20.2	0
10	QPSK	25	12	18.47	18.45	18.61	18.60		
10	QPSK	25	25	18.47	18.56	18.47	18.44		
10	QPSK	50	0	18.43	18.53	18.41	18.44		
10	16QAM	1	0	18.46	18.54	18.55	18.43	20.2	0
10	16QAM	1	25	18.48	18.45	18.35	18.48		
10	16QAM	1	49	18.47	18.51	18.58	18.56		
10	16QAM	25	0	18.52	18.51	18.51	18.45	20.2	0
10	16QAM	25	12	18.44	18.49	18.50	18.48		
10	16QAM	25	25	18.39	18.56	18.39	18.60		
10	16QAM	50	0	18.57	18.63	18.43	18.42		
10	64QAM	1	0	18.45	18.53	18.52	18.64	20.2	0
10	64QAM	1	25	18.48	18.41	18.56	18.58		
10	64QAM	1	49	18.50	18.35	18.59	18.42		
10	64QAM	25	0	18.42	18.47	18.47	18.52	20.2	0
10	64QAM	25	12	18.63	18.49	18.50	18.47		
10	64QAM	25	25	18.43	18.46	18.55	18.42		
10	64QAM	50	0	18.45	18.46	18.43	18.48		
10	256QAM	1	0	18.46	18.49	18.48	18.47	20.2	0
10	256QAM	1	25	18.54	18.57	18.43	18.50		
10	256QAM	1	49	18.61	18.52	18.60	18.55		
10	256QAM	25	0	18.51	18.51	18.41	18.50	20.2	0
10	256QAM	25	12	18.46	18.54	18.41	18.55		
10	256QAM	25	25	18.57	18.53	18.60	18.35		
10	256QAM	50	0	18.36	18.40	18.51	18.62		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.38	18.53	18.55	18.47	20.2	0
5	QPSK	1	12	18.59	18.57	18.37	18.40		
5	QPSK	1	24	18.63	18.54	18.47	18.54		
5	QPSK	12	0	18.49	18.53	18.57	18.53	20.2	0
5	QPSK	12	7	18.50	18.39	18.60	18.53		
5	QPSK	12	13	18.45	18.55	18.49	18.36		
5	QPSK	25	0	18.44	18.43	18.45	18.51	20.2	0
5	16QAM	1	0	18.49	18.46	18.52	18.47		
5	16QAM	1	12	18.48	18.44	18.43	18.50		
5	16QAM	1	24	18.50	18.43	18.47	18.47		
5	16QAM	12	0	18.52	18.45	18.45	18.42	20.2	0
5	16QAM	12	7	18.55	18.56	18.61	18.49		
5	16QAM	12	13	18.46	18.55	18.53	18.59		
5	16QAM	25	0	18.58	18.56	18.52	18.38	20.2	0
5	64QAM	1	0	18.42	18.53	18.45	18.57		
5	64QAM	1	12	18.49	18.48	18.45	18.55		
5	64QAM	1	24	18.51	18.35	18.60	18.38		
5	64QAM	12	0	18.56	18.58	18.56	18.52	20.2	0
5	64QAM	12	7	18.57	18.42	18.51	18.48		
5	64QAM	12	13	18.47	18.47	18.60	18.56		
5	64QAM	25	0	18.47	18.50	18.53	18.52		
5	256QAM	1	0	18.55	18.43	18.50	18.56	20.2	0
5	256QAM	1	12	18.46	18.58	18.37	18.49		
5	256QAM	1	24	18.59	18.50	18.55	18.45		
5	256QAM	12	0	18.56	18.48	18.42	18.51	20.2	0
5	256QAM	12	7	18.48	18.49	18.50	18.52		
5	256QAM	12	13	18.51	18.52	18.54	18.45		
5	256QAM	25	0	18.43	18.51	18.53	18.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.31	21.54	21.48	22.4	0
20	QPSK	1	49	21.08	21.48	21.40		
20	QPSK	1	99	21.12	21.44	21.48		
20	QPSK	50	0	20.32	20.64	20.49	21.4	1
20	QPSK	50	24	20.33	20.61	20.51		
20	QPSK	50	50	20.19	20.63	20.49		
20	QPSK	100	0	20.19	20.52	20.42		
20	16QAM	1	0	20.29	20.67	20.53	21.4	1
20	16QAM	1	49	20.23	20.66	20.51		
20	16QAM	1	99	20.39	20.52	20.44		
20	16QAM	50	0	19.25	19.58	19.38	20.4	2
20	16QAM	50	24	19.41	19.57	19.32		
20	16QAM	50	50	19.38	19.54	19.28		
20	16QAM	100	0	19.32	19.58	19.34		
20	64QAM	1	0	19.39	19.47	19.45	20.4	2
20	64QAM	1	49	19.32	19.50	19.49		
20	64QAM	1	99	19.19	19.48	19.48		
20	64QAM	50	0	18.45	18.52	18.59	19.4	3
20	64QAM	50	24	18.42	18.59	18.59		
20	64QAM	50	50	18.29	18.57	18.41		
20	64QAM	100	0	18.31	18.54	18.44		
20	256QAM	1	0	16.33	16.62	16.45	17.4	5
20	256QAM	1	49	16.24	16.55	16.45		
20	256QAM	1	99	16.35	16.52	16.58		
20	256QAM	50	0	16.24	16.64	16.61	17.4	5
20	256QAM	50	24	16.47	16.46	16.54		
20	256QAM	50	50	16.25	16.58	16.55		
20	256QAM	100	0	16.37	16.49	16.51		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.14	21.38	21.32	22.4	0
15	QPSK	1	37	21.02	21.41	21.32		
15	QPSK	1	74	21.08	21.37	21.45		
15	QPSK	36	0	20.25	20.55	20.45	21.4	1
15	QPSK	36	20	20.19	20.57	20.46		
15	QPSK	36	39	20.13	20.55	20.32		
15	QPSK	75	0	20.13	20.37	20.33		
15	16QAM	1	0	20.17	20.64	20.45	21.4	1
15	16QAM	1	37	20.32	20.54	20.41		
15	16QAM	1	74	20.35	20.49	20.29		
15	16QAM	36	0	19.09	19.54	19.27	20.4	2
15	16QAM	36	20	19.27	19.50	19.15		
15	16QAM	36	39	19.29	19.39	19.20		
15	16QAM	75	0	19.22	19.45	19.31		
15	64QAM	1	0	19.22	19.33	19.38	20.4	2
15	64QAM	1	37	19.20	19.44	19.36		
15	64QAM	1	74	19.14	19.37	19.46		
15	64QAM	36	0	18.31	18.36	18.56	19.4	3
15	64QAM	36	20	18.37	18.47	18.50		
15	64QAM	36	39	18.21	18.52	18.25		
15	64QAM	75	0	18.25	18.43	18.34		
15	256QAM	1	0	16.25	16.48	16.31	17.4	5
15	256QAM	1	37	16.14	16.39	16.38		
15	256QAM	1	74	16.22	16.35	16.55		
15	256QAM	36	0	16.11	16.56	16.59	17.4	5
15	256QAM	36	20	16.45	16.30	16.51		
15	256QAM	36	39	16.19	16.49	16.50		
15	256QAM	75	0	16.20	16.44	16.45		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.23	21.37	21.35	22.4	0
10	QPSK	1	25	21.00	21.33	21.26		
10	QPSK	1	49	20.97	21.28	21.40		
10	QPSK	25	0	20.25	20.58	20.38	21.4	1
10	QPSK	25	12	20.26	20.57	20.35		
10	QPSK	25	25	20.24	20.50	20.37		
10	QPSK	50	0	20.08	20.47	20.29		
10	16QAM	1	0	20.15	20.51	20.43	21.4	1
10	16QAM	1	25	20.16	20.53	20.36		
10	16QAM	1	49	20.27	20.36	20.39		
10	16QAM	25	0	19.13	19.49	19.21	20.4	2
10	16QAM	25	12	19.26	19.55	19.27		
10	16QAM	25	25	19.33	19.45	19.15		
10	16QAM	50	0	19.15	19.43	19.23		
10	64QAM	1	0	19.22	19.34	19.40	20.4	2
10	64QAM	1	25	19.29	19.33	19.33		
10	64QAM	1	49	19.10	19.42	19.36		
10	64QAM	25	0	18.32	18.46	18.51	19.4	3
10	64QAM	25	12	18.28	18.47	18.56		
10	64QAM	25	25	18.23	18.40	18.25		
10	64QAM	50	0	18.27	18.52	18.36		
10	256QAM	1	0	16.15	16.53	16.33	17.4	5
10	256QAM	1	25	16.20	16.39	16.27		
10	256QAM	1	49	16.29	16.41	16.48		
10	256QAM	25	0	16.10	16.52	16.50	17.4	5
10	256QAM	25	12	16.41	16.30	16.39		
10	256QAM	25	25	16.07	16.44	16.51		
10	256QAM	50	0	16.29	16.35	16.41		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.25	21.41	21.34	22.4	0
5	QPSK	1	12	21.02	21.42	21.35		
5	QPSK	1	24	21.07	21.36	21.41		
5	QPSK	12	0	20.30	20.52	20.40	21.4	1
5	QPSK	12	7	20.19	20.58	20.35		
5	QPSK	12	13	20.10	20.57	20.41		
5	QPSK	25	0	20.17	20.39	20.40		
5	16QAM	1	0	20.24	20.60	20.46	21.4	1
5	16QAM	1	12	20.11	20.56	20.38		
5	16QAM	1	24	20.23	20.49	20.30		
5	16QAM	12	0	19.18	19.50	19.31	20.4	2
5	16QAM	12	7	19.29	19.50	19.21		
5	16QAM	12	13	19.26	19.50	19.24		
5	16QAM	25	0	19.24	19.52	19.17		
5	64QAM	1	0	19.28	19.32	19.30	20.4	2
5	64QAM	1	12	19.25	19.46	19.44		
5	64QAM	1	24	19.15	19.44	19.44		
5	64QAM	12	0	18.36	18.43	18.48	19.4	3
5	64QAM	12	7	18.27	18.51	18.51		
5	64QAM	12	13	18.14	18.49	18.26		
5	64QAM	25	0	18.21	18.40	18.28		
5	256QAM	1	0	16.22	16.57	16.34	17.4	5
5	256QAM	1	12	16.17	16.42	16.36		
5	256QAM	1	24	16.27	16.48	16.47		
5	256QAM	12	0	16.17	16.60	16.51	17.4	5
5	256QAM	12	7	16.43	16.29	16.43		
5	256QAM	12	13	16.10	16.45	16.50		
5	256QAM	25	0	16.25	16.39	16.42		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	21.33	21.36	21.27	21.23	22.6	0
20	QPSK	1	49	21.29	21.33	21.27	21.27		
20	QPSK	1	99	21.33	21.31	21.31	21.23		
20	QPSK	50	0	21.28	21.34	21.29	21.26	22.6	0
20	QPSK	50	24	21.21	21.21	21.19	21.29		
20	QPSK	50	50	21.22	21.32	21.23	21.32		
20	QPSK	100	0	21.02	21.27	21.25	21.20		
20	16QAM	1	0	21.21	21.34	21.25	21.31	22.6	0
20	16QAM	1	49	21.24	21.26	21.20	21.20		
20	16QAM	1	99	21.32	21.22	21.19	21.22		
20	16QAM	50	0	21.30	21.24	21.21	21.28	22.6	0
20	16QAM	50	24	21.26	21.24	21.23	21.23		
20	16QAM	50	50	21.32	21.30	21.23	21.32		
20	16QAM	100	0	21.34	21.27	21.19	21.22		
20	64QAM	1	0	21.32	21.32	21.24	21.21	22.6	0
20	64QAM	1	49	21.21	21.28	21.24	21.21		
20	64QAM	1	99	21.30	21.27	21.19	21.23		
20	64QAM	50	0	20.29	20.17	20.29	20.33	21.6	1
20	64QAM	50	24	20.32	20.21	20.15	20.24		
20	64QAM	50	50	20.26	20.17	20.38	20.25		
20	64QAM	100	0	20.27	20.29	20.38	20.28		
20	256QAM	1	0	18.30	18.40	18.21	18.34	19.6	3
20	256QAM	1	49	18.29	18.32	18.13	18.17		
20	256QAM	1	99	18.20	18.29	18.37	18.30		
20	256QAM	50	0	18.30	18.20	18.25	18.22	19.6	3
20	256QAM	50	24	18.27	18.21	18.30	18.25		
20	256QAM	50	50	18.24	18.32	18.32	18.13		
20	256QAM	100	0	18.34	18.15	18.28	18.31		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	21.17	21.21	21.11	21.12	22.6	0
15	QPSK	1	37	21.15	21.21	21.20	21.21		
15	QPSK	1	74	21.31	21.17	21.23	21.12		
15	QPSK	36	0	21.15	21.22	21.25	21.18	22.6	0
15	QPSK	36	20	21.14	21.16	21.09	21.22		
15	QPSK	36	39	21.20	21.15	21.13	21.29		
15	QPSK	75	0	20.92	21.13	21.14	21.11		
15	16QAM	1	0	21.04	21.32	21.13	21.21	22.6	0
15	16QAM	1	37	21.20	21.14	21.07	21.12		
15	16QAM	1	74	21.20	21.18	21.08	21.13		
15	16QAM	36	0	21.19	21.20	21.04	21.23	22.6	0
15	16QAM	36	20	21.23	21.18	21.08	21.09		
15	16QAM	36	39	21.28	21.24	21.18	21.28		
15	16QAM	75	0	21.16	21.17	21.03	21.07		
15	64QAM	1	0	21.29	21.25	21.13	21.06	22.6	0
15	64QAM	1	37	21.10	21.16	21.20	21.11		
15	64QAM	1	74	21.12	21.22	21.10	21.09		
15	64QAM	36	0	20.17	20.06	20.21	20.30	21.6	1
15	64QAM	36	20	20.27	20.14	20.01	20.17		
15	64QAM	36	39	20.20	20.10	20.29	20.11		
15	64QAM	75	0	20.14	20.15	20.30	20.16		
15	256QAM	1	0	18.27	18.36	18.11	18.18	19.6	3
15	256QAM	1	37	18.15	18.26	17.99	18.12		
15	256QAM	1	74	18.13	18.21	18.21	18.24		
15	256QAM	36	0	18.20	18.17	18.19	18.19	19.6	3
15	256QAM	36	20	18.16	18.12	18.25	18.11		
15	256QAM	36	39	18.08	18.18	18.29	17.86		
15	256QAM	75	0	18.20	18.03	18.18	18.24		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	21.25	21.33	21.20	21.07	22.6	0
10	QPSK	1	25	21.20	21.16	21.21	21.23		
10	QPSK	1	49	21.20	21.22	21.16	21.10		
10	QPSK	25	0	21.11	21.23	21.12	21.23	22.6	0
10	QPSK	25	12	21.17	21.04	21.15	21.16		
10	QPSK	25	25	21.07	21.30	21.14	21.28		
10	QPSK	50	0	20.87	21.16	21.21	21.14		
10	16QAM	1	0	21.11	21.30	21.16	21.22	22.6	0
10	16QAM	1	25	21.15	21.10	21.08	21.08		
10	16QAM	1	49	21.17	21.08	21.04	21.18		
10	16QAM	25	0	21.20	21.08	21.04	21.11	22.6	0
10	16QAM	25	12	21.16	21.21	21.15	21.06		
10	16QAM	25	25	21.24	21.15	21.12	21.18		
10	16QAM	50	0	21.32	21.18	21.04	21.09		
10	64QAM	1	0	21.16	21.15	21.07	21.10	22.6	0
10	64QAM	1	25	21.18	21.19	21.19	21.11		
10	64QAM	1	49	21.13	21.11	21.02	21.12		
10	64QAM	25	0	20.16	20.13	20.26	20.16	21.6	1
10	64QAM	25	12	20.15	20.14	20.08	20.11		
10	64QAM	25	25	20.19	20.13	20.25	20.14		
10	64QAM	50	0	20.21	20.21	20.22	20.26		
10	256QAM	1	0	18.15	18.31	18.07	18.22	19.6	3
10	256QAM	1	25	18.17	18.14	18.06	18.10		
10	256QAM	1	49	18.14	18.19	18.21	18.21		
10	256QAM	25	0	18.23	18.03	18.19	18.14	19.6	3
10	256QAM	25	12	18.14	18.06	18.22	18.20		
10	256QAM	25	25	18.13	18.18	18.19	17.96		
10	256QAM	50	0	18.26	18.00	18.24	18.14		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	21.27	21.27	21.20	21.12	22.6	0
5	QPSK	1	12	21.11	21.23	21.12	21.23		
5	QPSK	1	24	21.25	21.14	21.14	21.11		
5	QPSK	12	0	21.15	21.17	21.26	21.18	22.6	0
5	QPSK	12	7	21.12	21.08	21.03	21.26		
5	QPSK	12	13	21.05	21.24	21.14	21.15		
5	QPSK	25	0	20.88	21.25	21.14	21.05		
5	16QAM	1	0	21.07	21.26	21.21	21.17	22.6	0
5	16QAM	1	12	21.08	21.11	21.17	21.03		
5	16QAM	1	24	21.23	21.17	21.01	21.05		
5	16QAM	12	0	21.15	21.10	21.14	21.18	22.6	0
5	16QAM	12	7	21.14	21.09	21.10	21.13		
5	16QAM	12	13	21.17	21.14	21.12	21.20		
5	16QAM	25	0	21.31	21.18	21.15	21.19		
5	64QAM	1	0	21.30	21.25	21.15	21.05	22.6	0
5	64QAM	1	12	21.03	21.12	21.10	21.16		
5	64QAM	1	24	21.13	21.10	21.15	21.10		
5	64QAM	12	0	20.17	20.12	20.12	20.25	21.6	1
5	64QAM	12	7	20.19	20.03	19.99	20.07		
5	64QAM	12	13	20.19	20.05	20.36	20.20		
5	64QAM	25	0	20.13	20.21	20.32	20.18		
5	256QAM	1	0	18.23	18.27	18.14	18.21	19.6	3
5	256QAM	1	12	18.24	18.30	17.98	18.04		
5	256QAM	1	24	18.16	18.14	18.25	18.13		
5	256QAM	12	0	18.13	18.08	18.18	18.11	19.6	3
5	256QAM	12	7	18.25	18.04	18.19	18.22		
5	256QAM	12	13	18.08	18.17	18.18	18.07		
5	256QAM	25	0	18.17	18.00	18.20	18.18		

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.18	21.41	21.13	22.4	0
20	QPSK	1	49	21.10	21.35	21.13		
20	QPSK	1	99	21.17	21.40	21.14		
20	QPSK	50	0	21.10	21.32	21.21	22.4	0
20	QPSK	50	24	21.08	21.19	21.12		
20	QPSK	50	50	21.05	21.18	20.99		
20	QPSK	100	0	21.14	21.28	21.17		
20	16QAM	1	0	21.02	21.27	21.02	22.4	0
20	16QAM	1	49	20.96	21.24	20.97		
20	16QAM	1	99	21.09	21.37	20.97		
20	16QAM	50	0	20.96	21.14	21.15	22.4	0
20	16QAM	50	24	21.04	21.13	21.02		
20	16QAM	50	50	20.93	21.05	20.85		
20	16QAM	100	0	21.05	21.12	21.05		
20	64QAM	1	0	21.08	21.24	21.09	22.4	0
20	64QAM	1	49	21.03	21.29	20.96		
20	64QAM	1	99	21.08	21.33	21.04		
20	64QAM	50	0	21.05	21.24	21.01	22	0.4
20	64QAM	50	24	21.11	21.27	20.97		
20	64QAM	50	50	21.08	21.29	21.05		
20	64QAM	100	0	20.96	21.29	21.18		
20	256QAM	1	0	19.04	19.17	18.99	20	2.4
20	256QAM	1	49	18.95	19.35	19.11		
20	256QAM	1	99	19.16	19.19	19.01		
20	256QAM	50	0	19.10	19.23	18.97	20	2.4
20	256QAM	50	24	19.11	19.22	18.95		
20	256QAM	50	50	19.13	19.25	19.08		
20	256QAM	100	0	19.01	19.26	18.99		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.13	21.38	21.02	22.4	0
15	QPSK	1	37	20.99	21.29	21.08		
15	QPSK	1	74	21.11	21.35	21.09		
15	QPSK	36	0	20.96	21.19	21.08	22.4	0
15	QPSK	36	20	21.05	21.14	21.01		
15	QPSK	36	39	20.99	21.10	20.88		
15	QPSK	75	0	21.09	21.14	21.08		
15	16QAM	1	0	20.98	21.16	20.93	22.4	0
15	16QAM	1	37	20.93	21.17	20.92		
15	16QAM	1	74	21.00	21.26	20.84		
15	16QAM	36	0	20.83	21.07	21.11	22.4	0
15	16QAM	36	20	20.98	21.01	20.98		
15	16QAM	36	39	20.81	20.95	20.73		
15	16QAM	75	0	20.94	21.06	20.93		
15	64QAM	1	0	21.00	21.19	20.99	22.4	0
15	64QAM	1	37	20.98	21.18	20.83		
15	64QAM	1	74	21.04	21.26	21.02		
15	64QAM	36	0	20.88	21.11	20.93	22	0.4
15	64QAM	36	20	21.02	21.25	20.84		
15	64QAM	36	39	21.06	21.17	20.94		
15	64QAM	75	0	20.81	21.19	21.02		
15	256QAM	1	0	18.92	19.00	18.88	20	2.4
15	256QAM	1	37	18.80	19.22	19.03		
15	256QAM	1	74	19.14	19.13	18.89		
15	256QAM	36	0	18.98	19.07	18.92	20	2.4
15	256QAM	36	20	19.03	19.08	18.79		
15	256QAM	36	39	19.08	19.11	18.93		
15	256QAM	75	0	18.98	19.16	18.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.06	21.35	21.01	22.4	0
10	QPSK	1	25	21.04	21.30	21.09		
10	QPSK	1	49	21.11	21.36	21.12		
10	QPSK	25	0	21.01	21.25	21.14	22.4	0
10	QPSK	25	12	21.02	21.09	21.05		
10	QPSK	25	25	20.98	21.08	20.86		
10	QPSK	50	0	21.07	21.14	21.12		
10	16QAM	1	0	20.91	21.23	20.92	22.4	0
10	16QAM	1	25	20.85	21.19	20.92		
10	16QAM	1	49	21.01	21.28	20.93		
10	16QAM	25	0	20.92	21.02	21.09	22.4	0
10	16QAM	25	12	21.01	21.10	20.96		
10	16QAM	25	25	20.81	20.95	20.78		
10	16QAM	50	0	20.95	21.02	21.02		
10	64QAM	1	0	20.97	21.15	21.04	22.4	0
10	64QAM	1	25	20.99	21.25	20.86		
10	64QAM	1	49	20.97	21.30	20.96		
10	64QAM	25	0	21.00	21.16	20.98	22	0.4
10	64QAM	25	12	21.05	21.23	20.80		
10	64QAM	25	25	20.92	21.12	20.87		
10	64QAM	50	0	20.92	21.23	21.05		
10	256QAM	1	0	18.92	19.12	18.81	20	2.4
10	256QAM	1	25	18.88	19.30	19.00		
10	256QAM	1	49	19.06	19.14	18.90		
10	256QAM	25	0	19.00	19.05	18.83	20	2.4
10	256QAM	25	12	19.00	19.11	18.84		
10	256QAM	25	25	19.02	19.21	19.00		
10	256QAM	50	0	18.91	19.12	18.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.07	21.30	21.00	22.4	0
5	QPSK	1	12	21.07	21.26	21.10		
5	QPSK	1	24	21.09	21.34	21.00		
5	QPSK	12	0	20.99	21.27	21.11	22.4	0
5	QPSK	12	7	21.01	21.15	21.00		
5	QPSK	12	13	21.01	21.07	20.87		
5	QPSK	25	0	21.03	21.23	21.11		
5	16QAM	1	0	20.92	21.14	20.94	22.4	0
5	16QAM	1	12	20.87	21.21	20.93		
5	16QAM	1	24	21.01	21.26	20.93		
5	16QAM	12	0	20.89	21.11	21.09	22.4	0
5	16QAM	12	7	21.02	21.08	20.99		
5	16QAM	12	13	20.80	20.96	20.79		
5	16QAM	25	0	20.95	21.04	20.99		
5	64QAM	1	0	21.01	21.12	20.99	22.4	0
5	64QAM	1	12	21.01	21.23	20.90		
5	64QAM	1	24	21.01	21.25	20.92		
5	64QAM	12	0	20.89	21.08	20.83	22	0.4
5	64QAM	12	7	21.03	21.20	20.83		
5	64QAM	12	13	20.91	21.15	20.91		
5	64QAM	25	0	20.78	21.11	21.14		
5	256QAM	1	0	18.94	19.03	18.90	20	2.4
5	256QAM	1	12	18.80	19.24	19.01		
5	256QAM	1	24	19.04	19.15	18.87		
5	256QAM	12	0	19.05	19.18	18.92	20	2.4
5	256QAM	12	7	18.99	19.08	18.81		
5	256QAM	12	13	19.04	19.22	19.04		
5	256QAM	25	0	18.90	19.16	18.96		

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.98		22.9	0
10	QPSK	1	25		21.96			
10	QPSK	1	49		21.96			
10	QPSK	25	0		21.93		22.9	0
10	QPSK	25	12		21.91			
10	QPSK	25	25		21.92			
10	QPSK	50	0		21.90			
10	16QAM	1	0		21.90		22.9	0
10	16QAM	1	25		21.82			
10	16QAM	1	49		21.84			
10	16QAM	25	0		21.82		22.9	0
10	16QAM	25	12		21.81			
10	16QAM	25	25		21.85			
10	16QAM	50	0		21.88			
10	64QAM	1	0		21.86		22.9	0
10	64QAM	1	25		21.89			
10	64QAM	1	49		21.90			
10	64QAM	25	0		21.29		22	0.9
10	64QAM	25	12		21.26			
10	64QAM	25	25		21.09			
10	64QAM	50	0		21.18			
10	256QAM	1	0		19.09		20	2.9
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.20			
10	256QAM	25	0		19.28		20	2.9
10	256QAM	25	12		19.06			
10	256QAM	25	25		19.07			
10	256QAM	50	0		19.16			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	21.87	21.86	21.84	22.9	0
5	QPSK	1	12	21.88	21.92	21.94		
5	QPSK	1	24	21.89	21.90	21.82		
5	QPSK	12	0	21.90	21.87	21.91	22.9	0
5	QPSK	12	7	21.87	21.80	21.81		
5	QPSK	12	13	21.88	21.89	21.83		
5	QPSK	25	0	21.85	21.90	21.84		
5	16QAM	1	0	21.83	21.77	21.86	22.9	0
5	16QAM	1	12	21.73	21.79	21.80		
5	16QAM	1	24	21.74	21.75	21.76		
5	16QAM	12	0	21.78	21.78	21.78	22.9	0
5	16QAM	12	7	21.69	21.72	21.73		
5	16QAM	12	13	21.72	21.72	21.81		
5	16QAM	25	0	21.75	21.76	21.79		
5	64QAM	1	0	21.81	21.75	21.82	22.9	0
5	64QAM	1	12	21.76	21.82	21.83		
5	64QAM	1	24	21.86	21.88	21.88		
5	64QAM	12	0	21.01	21.22	20.87	22	0.9
5	64QAM	12	7	20.99	21.20	21.04		
5	64QAM	12	13	20.92	20.94	21.05		
5	64QAM	25	0	20.94	21.12	20.88		
5	256QAM	1	0	18.96	18.98	19.09	20	2.9
5	256QAM	1	12	18.98	18.99	18.92		
5	256QAM	1	24	18.94	19.03	19.12		
5	256QAM	12	0	18.88	19.19	18.86	20	2.9
5	256QAM	12	7	19.01	18.97	19.06		
5	256QAM	12	13	18.97	19.05	18.92		
5	256QAM	25	0	18.95	18.99	19.01		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.17	23.32	23.25	24	0
20	QPSK	1	49	23.05	23.22	23.07		
20	QPSK	1	99	23.15	23.20	23.22		
20	QPSK	50	0	23.12	23.29	23.19	24	0
20	QPSK	50	24	23.08	23.28	23.15		
20	QPSK	50	50	23.08	23.23	23.13		
20	QPSK	100	0	23.09	23.18	23.08		
20	16QAM	1	0	23.01	23.15	23.10	24	0
20	16QAM	1	49	23.02	23.23	23.19		
20	16QAM	1	99	23.12	23.24	23.16		
20	16QAM	50	0	22.25	22.28	22.36	23	1
20	16QAM	50	24	22.13	22.32	22.36		
20	16QAM	50	50	22.19	22.26	22.34		
20	16QAM	100	0	22.21	22.29	22.13		
20	64QAM	1	0	22.23	22.36	22.32	23	1
20	64QAM	1	49	22.24	22.29	22.24		
20	64QAM	1	99	22.18	22.27	22.17		
20	64QAM	50	0	21.22	21.24	21.33	22	2
20	64QAM	50	24	21.22	21.27	21.32		
20	64QAM	50	50	21.15	21.41	21.17		
20	64QAM	100	0	21.18	21.36	21.15		
20	256QAM	1	0	19.24	19.30	19.34	20	4
20	256QAM	1	49	19.19	19.25	19.21		
20	256QAM	1	99	19.18	19.40	19.27		
20	256QAM	50	0	19.10	19.27	19.23	20	4
20	256QAM	50	24	19.16	19.26	19.28		
20	256QAM	50	50	19.07	19.42	19.27		
20	256QAM	100	0	19.07	19.31	19.21		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.10	23.19	23.12	24	0
15	QPSK	1	37	23.02	23.07	23.01		
15	QPSK	1	74	23.06	23.09	23.07		
15	QPSK	36	0	23.10	23.16	23.16	24	0
15	QPSK	36	20	23.01	23.25	23.04		
15	QPSK	36	39	23.06	23.10	23.06		
15	QPSK	75	0	22.96	23.14	22.91		
15	16QAM	1	0	22.92	23.06	23.06	24	0
15	16QAM	1	37	22.96	23.05	23.01		
15	16QAM	1	74	23.04	23.15	22.99		
15	16QAM	36	0	22.22	22.21	22.20	23	1
15	16QAM	36	20	21.97	22.24	22.26		
15	16QAM	36	39	22.16	22.12	22.31		
15	16QAM	75	0	22.10	22.16	22.03		
15	64QAM	1	0	22.06	22.29	22.27	23	1
15	64QAM	1	37	22.13	22.11	22.11		
15	64QAM	1	74	22.14	22.09	22.00		
15	64QAM	36	0	21.17	21.17	21.22	22	2
15	64QAM	36	20	21.17	21.23	21.30		
15	64QAM	36	39	21.08	21.30	21.11		
15	64QAM	75	0	21.10	21.32	21.02		
15	256QAM	1	0	19.10	19.12	19.32	20	4
15	256QAM	1	37	19.04	19.13	19.10		
15	256QAM	1	74	19.11	19.26	19.21		
15	256QAM	36	0	19.03	19.11	19.12	20	4
15	256QAM	36	20	19.06	19.19	19.18		
15	256QAM	36	39	19.04	19.28	19.24		
15	256QAM	75	0	19.02	19.15	19.13		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.12	23.22	23.22	24	0
10	QPSK	1	25	22.89	23.13	23.00		
10	QPSK	1	49	23.01	23.16	23.09		
10	QPSK	25	0	23.09	23.25	23.10	24	0
10	QPSK	25	12	22.91	23.26	23.08		
10	QPSK	25	25	23.01	23.15	23.06		
10	QPSK	50	0	23.04	23.11	23.01		
10	16QAM	1	0	22.90	23.04	23.03	24	0
10	16QAM	1	25	22.94	23.21	23.03		
10	16QAM	1	49	23.05	23.15	23.13		
10	16QAM	25	0	22.13	22.16	22.30	23	1
10	16QAM	25	12	22.01	22.18	22.25		
10	16QAM	25	25	22.11	22.20	22.24		
10	16QAM	50	0	22.12	22.20	22.04		
10	64QAM	1	0	22.05	22.29	22.19	23	1
10	64QAM	1	25	22.09	22.12	22.09		
10	64QAM	1	49	22.02	22.21	22.01		
10	64QAM	25	0	21.08	21.20	21.17	22	2
10	64QAM	25	12	21.14	21.17	21.28		
10	64QAM	25	25	21.10	21.32	21.06		
10	64QAM	50	0	21.05	21.19	21.03		
10	256QAM	1	0	19.07	19.13	19.24	20	4
10	256QAM	1	25	19.02	19.13	19.11		
10	256QAM	1	49	19.08	19.34	19.23		
10	256QAM	25	0	19.01	19.17	19.08	20	4
10	256QAM	25	12	19.06	19.16	19.25		
10	256QAM	25	25	18.92	19.29	19.14		
10	256QAM	50	0	19.03	19.22	19.08		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.14	23.30	23.10	24	0
5	QPSK	1	12	22.97	23.09	22.98		
5	QPSK	1	24	23.12	23.06	23.12		
5	QPSK	12	0	22.98	23.25	23.16	24	0
5	QPSK	12	7	22.95	23.12	23.09		
5	QPSK	12	13	22.94	23.18	22.95		
5	QPSK	25	0	22.95	23.05	23.03		
5	16QAM	1	0	22.95	23.03	23.07	24	0
5	16QAM	1	12	22.97	23.20	23.03		
5	16QAM	1	24	23.03	23.16	23.04		
5	16QAM	12	0	22.18	22.11	22.24	23	1
5	16QAM	12	7	22.11	22.29	22.26		
5	16QAM	12	13	22.05	22.16	22.18		
5	16QAM	25	0	22.10	22.14	21.98		
5	64QAM	1	0	22.09	22.22	22.20	23	1
5	64QAM	1	12	22.07	22.18	22.12		
5	64QAM	1	24	22.09	22.12	22.07		
5	64QAM	12	0	21.19	21.19	21.22	22	2
5	64QAM	12	7	21.05	21.23	21.19		
5	64QAM	12	13	21.10	21.27	21.01		
5	64QAM	25	0	21.14	21.30	21.12		
5	256QAM	1	0	19.07	19.21	19.22	20	4
5	256QAM	1	12	19.11	19.09	19.04		
5	256QAM	1	24	19.11	19.26	19.21		
5	256QAM	12	0	19.06	19.13	19.09	20	4
5	256QAM	12	7	19.02	19.16	19.12		
5	256QAM	12	13	19.01	19.31	19.22		
5	256QAM	25	0	18.92	19.22	19.09		

Band 41

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	22.96	22.93	23.12	23.06	22.88	24	0
20	QPSK	1	49	22.92	22.82	23.07	23.03	22.75		
20	QPSK	1	99	22.83	22.78	22.94	22.96	22.76		
20	QPSK	50	0	22.88	22.78	23.10	22.98	22.70	24	0
20	QPSK	50	24	22.88	22.84	23.05	23.04	22.74		
20	QPSK	50	50	22.86	22.89	23.09	22.90	22.73		
20	QPSK	100	0	22.92	22.82	23.05	22.98	22.77		
20	16QAM	1	0	22.88	22.90	23.02	22.96	22.73	24	0
20	16QAM	1	49	22.86	22.91	23.01	22.88	22.75		
20	16QAM	1	99	22.90	22.80	23.05	22.98	22.71		
20	16QAM	50	0	21.94	21.95	22.10	22.09	21.88	23	1
20	16QAM	50	24	22.00	21.94	22.04	22.01	21.81		
20	16QAM	50	50	21.92	21.85	22.24	22.03	21.87		
20	16QAM	100	0	22.01	21.93	22.00	22.11	21.77		
20	64QAM	1	0	21.85	21.92	22.01	22.16	21.84	23	1
20	64QAM	1	49	21.87	21.87	22.00	22.08	21.76		
20	64QAM	1	99	21.91	22.05	22.13	22.02	21.78		
20	64QAM	50	0	21.05	20.97	21.10	20.96	20.83	22	2
20	64QAM	50	24	21.01	21.03	21.19	21.03	20.78		
20	64QAM	50	50	20.86	20.84	21.11	21.07	20.99		
20	64QAM	100	0	20.86	20.96	21.12	21.01	20.83		
20	256QAM	1	0	19.01	19.02	19.04	19.15	18.90	20	4
20	256QAM	1	49	18.96	18.91	19.04	18.95	18.94		
20	256QAM	1	99	18.90	18.83	19.19	18.95	18.79		
20	256QAM	50	0	19.05	18.96	19.03	18.99	18.97	20	4
20	256QAM	50	24	18.97	18.89	19.19	19.01	18.97		
20	256QAM	50	50	19.01	18.93	19.22	19.14	18.90		
20	256QAM	100	0	19.00	19.04	19.12	19.03	18.80		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.86	22.88	23.01	22.93	22.83	24	0
15	QPSK	1	37	22.76	22.66	23.01	22.87	22.57		
15	QPSK	1	74	22.77	22.69	22.80	22.90	22.65		
15	QPSK	36	0	22.76	22.74	22.93	22.94	22.52	24	0
15	QPSK	36	20	22.74	22.79	23.00	22.90	22.70		
15	QPSK	36	39	22.82	22.74	22.94	22.84	22.55		
15	QPSK	75	0	22.78	22.71	23.00	22.91	22.63		
15	16QAM	1	0	22.77	22.85	22.87	22.88	22.67	24	0
15	16QAM	1	37	22.76	22.84	22.98	22.77	22.58		
15	16QAM	1	74	22.81	22.69	22.94	22.92	22.62		
15	16QAM	36	0	21.78	21.79	22.01	21.93	21.80	23	1
15	16QAM	36	20	21.92	21.86	21.87	21.97	21.76		
15	16QAM	36	39	21.76	21.73	22.07	21.86	21.84		
15	16QAM	75	0	21.93	21.82	21.96	21.99	21.70		
15	64QAM	1	0	21.72	21.82	21.99	22.14	21.82	23	1
15	64QAM	1	37	21.85	21.83	21.95	22.04	21.69		
15	64QAM	1	74	21.77	22.02	21.97	21.94	21.73		
15	64QAM	36	0	20.93	20.85	21.04	20.90	20.74	22	2
15	64QAM	36	20	20.88	20.93	21.05	21.01	20.66		
15	64QAM	36	39	20.74	20.68	21.05	20.94	20.91		
15	64QAM	75	0	20.68	20.87	21.08	20.98	20.73		
15	256QAM	1	0	18.88	18.86	19.02	19.05	18.75	20	4
15	256QAM	1	37	18.79	18.84	18.89	18.92	18.83		
15	256QAM	1	74	18.77	18.73	19.12	18.90	18.71		
15	256QAM	36	0	18.99	18.80	18.87	18.90	18.88	20	4
15	256QAM	36	20	18.91	18.84	19.08	18.87	18.94		
15	256QAM	36	39	18.83	18.81	19.14	18.97	18.80		
15	256QAM	75	0	18.86	18.95	18.98	18.92	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	22.82	22.90	23.04	22.88	22.77	24	0
10	QPSK	1	25	22.79	22.69	22.97	22.96	22.64		
10	QPSK	1	49	22.69	22.76	22.82	22.81	22.62		
10	QPSK	25	0	22.73	22.71	22.95	22.82	22.62	24	0
10	QPSK	25	12	22.79	22.72	23.01	22.96	22.67		
10	QPSK	25	25	22.79	22.79	22.93	22.73	22.68		
10	QPSK	50	0	22.83	22.68	22.92	22.90	22.65		
10	16QAM	1	0	22.76	22.84	22.89	22.86	22.67	24	0
10	16QAM	1	25	22.75	22.86	22.91	22.82	22.62		
10	16QAM	1	49	22.85	22.66	23.02	22.90	22.57		
10	16QAM	25	0	21.77	21.79	21.94	21.93	21.72	23	1
10	16QAM	25	12	21.84	21.80	21.86	21.92	21.78		
10	16QAM	25	25	21.89	21.75	22.06	21.86	21.84		
10	16QAM	50	0	21.89	21.78	21.82	22.00	21.66		
10	64QAM	1	0	21.73	21.75	21.93	22.09	21.67	23	1
10	64QAM	1	25	21.84	21.80	21.89	21.98	21.64		
10	64QAM	1	49	21.83	21.96	21.98	21.98	21.61		
10	64QAM	25	0	20.94	20.95	21.04	20.92	20.67	22	2
10	64QAM	25	12	20.88	20.99	21.14	20.98	20.66		
10	64QAM	25	25	20.70	20.80	20.99	20.94	20.88		
10	64QAM	50	0	20.71	20.81	21.02	20.89	20.70		
10	256QAM	1	0	18.88	18.99	19.00	19.01	18.81	20	4
10	256QAM	1	25	18.88	18.78	18.91	18.83	18.78		
10	256QAM	1	49	18.75	18.77	19.07	18.87	18.72		
10	256QAM	25	0	18.91	18.84	18.88	18.84	18.82	20	4
10	256QAM	25	12	18.89	18.81	19.05	18.84	18.81		
10	256QAM	25	25	18.86	18.77	19.18	18.97	18.87		
10	256QAM	50	0	18.92	18.88	18.98	18.93	18.69		
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	22.86	22.85	23.02	22.95	22.77	24	0
5	QPSK	1	12	22.90	22.78	22.98	22.97	22.68		
5	QPSK	1	24	22.74	22.61	22.91	22.84	22.70		
5	QPSK	12	0	22.83	22.70	22.97	22.86	22.59	24	0
5	QPSK	12	7	22.86	22.67	23.01	23.02	22.63		
5	QPSK	12	13	22.79	22.77	22.92	22.86	22.63		
5	QPSK	25	0	22.86	22.77	22.96	22.83	22.62		
5	16QAM	1	0	22.85	22.87	22.98	22.90	22.70	24	0
5	16QAM	1	12	22.75	22.87	22.84	22.76	22.62		
5	16QAM	1	24	22.75	22.65	23.03	22.82	22.53		
5	16QAM	12	0	21.87	21.84	21.92	21.97	21.72	23	1
5	16QAM	12	7	21.83	21.84	21.89	21.90	21.78		
5	16QAM	12	13	21.79	21.72	22.13	21.86	21.84		
5	16QAM	25	0	21.99	21.84	21.83	21.96	21.69		
5	64QAM	1	0	21.80	21.86	21.84	22.06	21.78	23	1
5	64QAM	1	12	21.70	21.74	21.95	22.05	21.62		
5	64QAM	1	24	21.82	21.90	21.95	22.00	21.69		
5	64QAM	12	0	20.89	20.88	21.07	20.90	20.72	22	2
5	64QAM	12	7	20.95	20.86	21.04	20.94	20.61		
5	64QAM	12	13	20.75	20.77	21.07	20.96	20.87		
5	64QAM	25	0	20.76	20.81	21.06	20.86	20.77		
5	256QAM	1	0	18.92	18.89	18.93	18.99	18.84	20	4
5	256QAM	1	12	18.88	18.78	19.01	18.88	18.84		
5	256QAM	1	24	18.85	18.69	19.06	18.88	18.62		
5	256QAM	12	0	18.93	18.89	18.98	18.85	18.88	20	4
5	256QAM	12	7	18.81	18.80	19.14	18.93	18.90		
5	256QAM	12	13	18.93	18.82	19.17	19.06	18.77		
5	256QAM	25	0	18.97	18.89	19.05	18.94	18.76		

Band 41 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.76	24.78	24.85	24.76	24.69	25.6	0
20	QPSK	1	49	24.70	24.68	24.82	24.64	24.55		
20	QPSK	1	99	24.77	24.72	24.78	24.75	24.48		
20	QPSK	50	0	24.68	24.66	24.81	24.62	24.50	25.6	0
20	QPSK	50	24	24.65	24.73	24.71	24.72	24.50		
20	QPSK	50	50	24.64	24.63	24.72	24.71	24.53		
20	QPSK	100	0	24.66	24.76	24.78	24.58	24.58		
20	16QAM	1	0	24.70	24.74	24.76	24.58	24.63	25.6	0
20	16QAM	1	49	24.66	24.63	24.81	24.71	24.63		
20	16QAM	1	99	24.60	24.76	24.73	24.70	24.48		
20	16QAM	50	0	24.69	24.69	24.72	24.66	24.63	25.6	0
20	16QAM	50	24	24.63	24.56	24.70	24.50	24.47		
20	16QAM	50	50	24.65	24.63	24.67	24.61	24.41		
20	16QAM	100	0	24.61	24.62	24.74	24.49	24.46		
20	64QAM	1	0	24.52	24.66	24.58	24.61	24.40	25.6	0
20	64QAM	1	49	24.61	24.52	24.63	24.58	24.49		
20	64QAM	1	99	24.54	24.66	24.76	24.45	24.48		
20	64QAM	50	0	24.00	24.23	24.12	24.00	24.07	25	0.6
20	64QAM	50	24	24.02	24.11	24.04	24.06	23.87		
20	64QAM	50	50	24.08	24.01	24.22	23.95	23.94		
20	64QAM	100	0	24.15	24.17	24.10	24.12	23.91		
20	256QAM	1	0	22.01	22.11	22.06	21.96	21.87	23	2.6
20	256QAM	1	49	22.19	22.13	22.25	21.97	21.95		
20	256QAM	1	99	22.06	22.09	22.09	22.09	22.08		
20	256QAM	50	0	22.02	22.12	22.16	22.09	22.04	23	2.6
20	256QAM	50	24	22.08	22.24	22.23	21.96	22.06		
20	256QAM	50	50	22.21	22.15	22.16	22.11	21.87		
20	256QAM	100	0	22.06	22.03	22.04	22.16	22.08		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.72	24.72	24.80	24.70	24.64	26	0
15	QPSK	1	37	24.56	24.55	24.75	24.61	24.45		
15	QPSK	1	74	24.71	24.62	24.71	24.72	24.39		
15	QPSK	36	0	24.63	24.60	24.76	24.48	24.44	25.6	0
15	QPSK	36	20	24.54	24.70	24.69	24.69	24.48		
15	QPSK	36	39	24.52	24.53	24.58	24.62	24.42		
15	QPSK	75	0	24.52	24.65	24.74	24.50	24.44		
15	16QAM	1	0	24.60	24.69	24.64	24.49	24.58	25.6	0
15	16QAM	1	37	24.64	24.52	24.70	24.67	24.51		
15	16QAM	1	74	24.56	24.68	24.60	24.66	24.35		
15	16QAM	36	0	24.56	24.57	24.65	24.64	24.51	25.6	0
15	16QAM	36	20	24.53	24.52	24.60	24.38	24.35		
15	16QAM	36	39	24.59	24.51	24.63	24.55	24.37		
15	16QAM	75	0	24.54	24.49	24.70	24.39	24.43		
15	64QAM	1	0	24.42	24.61	24.48	24.49	24.34	25.6	0
15	64QAM	1	37	24.53	24.44	24.50	24.49	24.40		
15	64QAM	1	74	24.45	24.62	24.63	24.42	24.36		
15	64QAM	36	0	23.88	24.16	24.02	23.94	23.95	25	0.6
15	64QAM	36	20	23.98	24.07	24.01	24.00	23.74		
15	64QAM	36	39	23.98	23.96	24.15	23.92	23.78		
15	64QAM	75	0	24.05	24.09	24.03	23.96	23.81		
15	256QAM	1	0	21.96	22.03	21.91	21.91	21.71	23	2.6
15	256QAM	1	37	22.14	22.10	22.10	21.90	21.77		
15	256QAM	1	74	22.04	22.05	21.97	22.02	21.92		
15	256QAM	36	0	21.96	22.03	22.08	21.95	21.94	23	2.6
15	256QAM	36	20	21.90	22.09	22.16	21.90	22.02		
15	256QAM	36	39	22.18	22.03	22.12	22.05	21.72		
15	256QAM	75	0	22.01	21.91	21.91	21.99	21.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.66	24.72	24.79	24.63	24.58	26	0
10	QPSK	1	25	24.59	24.62	24.76	24.50	24.47		
10	QPSK	1	49	24.71	24.63	24.66	24.69	24.43		
10	QPSK	25	0	24.59	24.59	24.71	24.52	24.48	25.6	0
10	QPSK	25	12	24.54	24.67	24.61	24.69	24.47		
10	QPSK	25	25	24.57	24.58	24.65	24.68	24.41		
10	QPSK	50	0	24.64	24.67	24.66	24.45	24.48		
10	16QAM	1	0	24.61	24.69	24.67	24.49	24.52	25.6	0
10	16QAM	1	25	24.61	24.56	24.75	24.68	24.58		
10	16QAM	1	49	24.55	24.67	24.60	24.67	24.38		
10	16QAM	25	0	24.57	24.60	24.62	24.61	24.53	25.6	0
10	16QAM	25	12	24.51	24.50	24.66	24.38	24.42		
10	16QAM	25	25	24.61	24.57	24.61	24.53	24.35		
10	16QAM	50	0	24.57	24.55	24.68	24.44	24.34		
10	64QAM	1	0	24.43	24.58	24.53	24.51	24.33	25.6	0
10	64QAM	1	25	24.51	24.40	24.50	24.45	24.46		
10	64QAM	1	49	24.41	24.63	24.68	24.37	24.36		
10	64QAM	25	0	23.92	24.16	23.95	23.95	23.97	25	0.6
10	64QAM	25	12	23.93	23.96	23.96	24.00	23.78		
10	64QAM	25	25	23.91	23.83	24.10	23.91	23.89		
10	64QAM	50	0	24.02	24.06	23.94	23.97	23.82		
10	256QAM	1	0	21.89	21.95	21.91	21.89	21.84	23	2.6
10	256QAM	1	25	22.09	22.03	22.21	21.83	21.79		
10	256QAM	1	49	21.90	22.02	22.01	22.00	21.98		
10	256QAM	25	0	21.94	22.05	22.09	21.98	21.94	23	2.6
10	256QAM	25	12	22.00	22.18	22.11	21.91	22.02		
10	256QAM	25	25	22.09	22.08	22.12	22.02	21.84		
10	256QAM	50	0	22.00	21.90	21.93	22.00	21.94		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.64	24.68	24.79	24.62	24.58	26	0
5	QPSK	1	12	24.62	24.58	24.68	24.55	24.43		
5	QPSK	1	24	24.65	24.61	24.67	24.69	24.43		
5	QPSK	12	0	24.60	24.60	24.75	24.51	24.47	25.6	0
5	QPSK	12	7	24.60	24.62	24.65	24.59	24.40		
5	QPSK	12	13	24.62	24.54	24.68	24.64	24.40		
5	QPSK	25	0	24.61	24.63	24.73	24.54	24.55		
5	16QAM	1	0	24.58	24.70	24.72	24.49	24.60	25.6	0
5	16QAM	1	12	24.59	24.61	24.69	24.59	24.51		
5	16QAM	1	24	24.56	24.62	24.63	24.64	24.36		
5	16QAM	12	0	24.62	24.65	24.69	24.52	24.59	25.6	0
5	16QAM	12	7	24.58	24.46	24.62	24.42	24.43		
5	16QAM	12	13	24.56	24.56	24.56	24.53	24.33		
5	16QAM	25	0	24.52	24.56	24.60	24.36	24.34		
5	64QAM	1	0	24.47	24.61	24.55	24.48	24.28	25.6	0
5	64QAM	1	12	24.48	24.43	24.59	24.47	24.41		
5	64QAM	1	24	24.43	24.59	24.63	24.33	24.41		
5	64QAM	12	0	23.94	24.08	23.96	23.84	24.00	25	0.6
5	64QAM	12	7	23.86	24.05	23.90	24.00	23.80		
5	64QAM	12	13	24.05	23.94	24.11	23.79	23.83		
5	64QAM	25	0	24.05	24.06	24.04	24.03	23.83		
5	256QAM	1	0	21.94	22.07	21.90	21.82	21.83	23	2.6
5	256QAM	1	12	22.05	22.08	22.16	21.87	21.79		
5	256QAM	1	24	22.01	21.96	21.98	21.99	22.03		
5	256QAM	12	0	21.96	22.10	22.01	22.00	22.00	23	2.6
5	256QAM	12	7	21.99	22.11	22.09	21.84	21.89		
5	256QAM	12	13	22.09	22.10	22.00	21.96	21.85		
5	256QAM	25	0	21.96	22.00	22.01	22.01	21.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.07	23.10	23.00	24.5	0
20	QPSK	1	49	22.94	23.06	23.00		
20	QPSK	1	99	23.04	23.05	23.02		
20	QPSK	50	0	22.97	23.11	22.90	24.5	0
20	QPSK	50	24	22.83	22.95	22.93		
20	QPSK	50	50	22.97	22.98	22.97		
20	QPSK	100	0	22.99	23.08	22.88		
20	16QAM	1	0	22.96	23.10	22.91	24.5	0
20	16QAM	1	49	22.83	22.97	22.92		
20	16QAM	1	99	22.94	23.01	22.92		
20	16QAM	50	0	22.80	22.92	22.84	23	1.5
20	16QAM	50	24	22.68	22.90	22.80		
20	16QAM	50	50	22.88	22.73	22.70		
20	16QAM	100	0	22.84	22.91	22.69		
20	64QAM	1	0	22.88	22.89	22.69	23	1.5
20	64QAM	1	49	22.86	22.82	22.75		
20	64QAM	1	99	22.89	22.81	22.77		
20	64QAM	50	0	21.70	21.81	21.82	22	2.5
20	64QAM	50	24	21.74	21.73	21.64		
20	64QAM	50	50	21.76	21.72	21.73		
20	64QAM	100	0	21.69	21.82	21.80		
20	256QAM	1	0	19.77	19.86	19.67	20	4.5
20	256QAM	1	49	19.79	19.95	19.64		
20	256QAM	1	99	19.81	19.89	19.70		
20	256QAM	50	0	19.83	19.83	19.64	20	4.5
20	256QAM	50	24	19.72	19.82	19.76		
20	256QAM	50	50	19.71	19.86	19.72		
20	256QAM	100	0	19.69	19.85	19.82		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	22.95	23.06	22.87	24.5	0
15	QPSK	1	37	22.88	22.94	22.98		
15	QPSK	1	74	22.95	22.93	22.93		
15	QPSK	36	0	22.91	23.06	22.79	24.5	0
15	QPSK	36	20	22.75	22.83	22.84		
15	QPSK	36	39	22.92	22.95	22.93		
15	QPSK	75	0	22.91	22.99	22.82		
15	16QAM	1	0	22.87	23.04	22.88	24.5	0
15	16QAM	1	37	22.72	22.88	22.87		
15	16QAM	1	74	22.87	22.98	22.89		
15	16QAM	36	0	22.76	22.86	22.76	23	1.5
15	16QAM	36	20	22.53	22.76	22.76		
15	16QAM	36	39	22.77	22.63	22.63		
15	16QAM	75	0	22.69	22.77	22.56		
15	64QAM	1	0	22.71	22.73	22.66	23	1.5
15	64QAM	1	37	22.77	22.72	22.59		
15	64QAM	1	74	22.84	22.63	22.65		
15	64QAM	36	0	21.62	21.68	21.79	22	2.5
15	64QAM	36	20	21.56	21.65	21.53		
15	64QAM	36	39	21.71	21.55	21.66		
15	64QAM	75	0	21.52	21.69	21.75		
15	256QAM	1	0	19.65	19.72	19.53	20	4.5
15	256QAM	1	37	19.76	19.82	19.52		
15	256QAM	1	74	19.72	19.74	19.57		
15	256QAM	36	0	19.69	19.71	19.57	20	4.5
15	256QAM	36	20	19.61	19.65	19.63		
15	256QAM	36	39	19.61	19.64	19.57		
15	256QAM	75	0	19.59	19.71	19.78		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	22.99	23.16	22.87	24.5	0
10	QPSK	1	25	22.82	22.96	22.97		
10	QPSK	1	49	22.92	22.91	22.94		
10	QPSK	25	0	22.86	23.03	22.85	24.5	0
10	QPSK	25	12	22.76	22.81	22.89		
10	QPSK	25	25	22.87	22.87	22.94		
10	QPSK	50	0	22.91	23.06	22.81		
10	16QAM	1	0	22.87	23.05	22.84	24.5	0
10	16QAM	1	25	22.80	22.84	22.82		
10	16QAM	1	49	22.86	22.97	22.81		
10	16QAM	25	0	22.77	22.88	22.79	23	1.5
10	16QAM	25	12	22.59	22.87	22.66		
10	16QAM	25	25	22.71	22.59	22.66		
10	16QAM	50	0	22.79	22.88	22.65		
10	64QAM	1	0	22.74	22.72	22.66	23	1.5
10	64QAM	1	25	22.73	22.70	22.66		
10	64QAM	1	49	22.76	22.66	22.71		
10	64QAM	25	0	21.66	21.65	21.64	22	2.5
10	64QAM	25	12	21.69	21.70	21.54		
10	64QAM	25	25	21.74	21.60	21.59		
10	64QAM	50	0	21.63	21.67	21.67		
10	256QAM	1	0	19.63	19.72	19.56	20	4.5
10	256QAM	1	25	19.68	19.80	19.46		
10	256QAM	1	49	19.72	19.78	19.57		
10	256QAM	25	0	19.73	19.73	19.46	20	4.5
10	256QAM	25	12	19.68	19.73	19.65		
10	256QAM	25	25	19.68	19.78	19.58		
10	256QAM	50	0	19.58	19.73	19.70		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.00	23.07	22.90	24.5	0
5	QPSK	1	12	22.89	22.97	22.95		
5	QPSK	1	24	23.00	22.97	22.96		
5	QPSK	12	0	22.95	23.08	22.87	24.5	0
5	QPSK	12	7	22.70	22.93	22.80		
5	QPSK	12	13	22.93	22.92	22.94		
5	QPSK	25	0	22.97	23.01	22.80		
5	16QAM	1	0	22.87	22.96	22.80	24.5	0
5	16QAM	1	12	22.70	22.93	22.89		
5	16QAM	1	24	22.91	22.88	22.85		
5	16QAM	12	0	22.71	22.80	22.67	23	1.5
5	16QAM	12	7	22.56	22.78	22.69		
5	16QAM	12	13	22.84	22.70	22.59		
5	16QAM	25	0	22.81	22.78	22.65		
5	64QAM	1	0	22.74	22.83	22.58	23	1.5
5	64QAM	1	12	22.75	22.85	22.70		
5	64QAM	1	24	22.78	22.64	22.66		
5	64QAM	12	0	21.55	21.69	21.78	22	2.5
5	64QAM	12	7	21.67	21.58	21.62		
5	64QAM	12	13	21.70	21.55	21.60		
5	64QAM	25	0	21.54	21.75	21.74		
5	256QAM	1	0	19.69	19.82	19.50	20	4.5
5	256QAM	1	12	19.65	19.87	19.53		
5	256QAM	1	24	19.68	19.75	19.54		
5	256QAM	12	0	19.81	19.75	19.58	20	4.5
5	256QAM	12	7	19.67	19.76	19.63		
5	256QAM	12	13	19.64	19.70	19.68		
5	256QAM	25	0	19.66	19.81	19.70		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.51	22.52	22.45	22.43	23.4	0
20	QPSK	1	49	22.35	22.43	22.35	22.25		
20	QPSK	1	99	22.32	22.35	22.32	22.30		
20	QPSK	50	0	22.38	22.48	22.39	22.36	23.4	0
20	QPSK	50	24	22.23	22.35	22.31	22.20		
20	QPSK	50	50	22.25	22.29	22.20	22.26		
20	QPSK	100	0	22.43	22.46	22.32	22.37		
20	16QAM	1	0	21.90	21.94	21.84	21.79	23.4	0
20	16QAM	1	49	21.89	21.89	21.82	21.78		
20	16QAM	1	99	21.62	21.85	21.58	21.49		
20	16QAM	50	0	22.07	22.04	22.00	21.89	23	0.4
20	16QAM	50	24	22.08	22.05	22.00	21.99		
20	16QAM	50	50	21.83	21.90	21.91	21.80		
20	16QAM	100	0	21.78	21.88	21.79	21.86		
20	64QAM	1	0	21.98	21.98	21.98	21.90	23	0.4
20	64QAM	1	49	21.90	21.95	21.89	21.82		
20	64QAM	1	99	21.78	21.84	21.86	21.78		
20	64QAM	50	0	21.05	21.39	21.02	20.93	22	1.4
20	64QAM	50	24	21.04	21.29	21.04	21.10		
20	64QAM	50	50	21.00	21.25	20.91	20.98		
20	64QAM	100	0	21.11	21.41	21.11	20.92		
20	256QAM	1	0	19.02	19.30	19.10	18.96	20	3.4
20	256QAM	1	49	19.00	19.46	19.04	18.98		
20	256QAM	1	99	18.99	19.41	19.02	19.14		
20	256QAM	50	0	19.17	19.38	19.04	19.06	20	3.4
20	256QAM	50	24	19.16	19.45	19.06	18.97		
20	256QAM	50	50	19.02	19.47	18.98	18.98		
20	256QAM	100	0	19.18	19.34	19.04	19.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.03	22.03	21.96	21.95	23.4	0
15	QPSK	1	37	21.89	21.94	21.91	21.79		
15	QPSK	1	74	21.79	21.85	21.85	21.84		
15	QPSK	36	0	21.96	22.00	21.93	21.86	23.4	0
15	QPSK	36	20	21.70	21.89	21.84	21.66		
15	QPSK	36	39	21.74	21.85	21.73	21.78		
15	QPSK	75	0	21.91	21.99	21.81	21.83		
15	16QAM	1	0	21.78	21.89	21.80	21.70	23.4	0
15	16QAM	1	37	21.86	21.83	21.76	21.74		
15	16QAM	1	74	21.51	21.74	21.49	21.42		
15	16QAM	36	0	21.93	22.01	21.89	21.86	23	0.4
15	16QAM	36	20	22.06	22.02	21.88	21.86		
15	16QAM	36	39	21.76	21.85	21.88	21.73		
15	16QAM	75	0	21.67	21.77	21.70	21.75		
15	64QAM	1	0	21.92	21.96	21.90	21.81	23	0.4
15	64QAM	1	37	21.80	21.83	21.81	21.73		
15	64QAM	1	74	21.66	21.71	21.73	21.71		
15	64QAM	36	0	20.96	21.36	20.87	20.89	22	1.4
15	64QAM	36	20	20.97	21.20	20.97	21.06		
15	64QAM	36	39	20.87	21.09	20.87	20.95		
15	64QAM	75	0	20.97	21.35	21.03	20.88		
15	256QAM	1	0	19.07	19.30	19.05	19.10	20	3.4
15	256QAM	1	37	19.05	19.41	18.94	18.96		
15	256QAM	1	74	19.05	19.44	18.95	18.96		
15	256QAM	36	0	19.08	19.25	18.88	18.95	20	3.4
15	256QAM	36	20	19.05	19.37	18.96	18.93		
15	256QAM	36	39	18.95	19.31	18.92	18.91		
15	256QAM	75	0	19.13	19.29	18.92	19.00		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3556	3607.5	3642.5	3695		
10	QPSK	1	0	21.98	22.09	21.91	21.96	23.4	0
10	QPSK	1	25	21.87	21.90	21.91	21.75		
10	QPSK	1	49	21.85	21.83	21.90	21.78		
10	QPSK	25	0	21.84	22.02	21.92	21.92	23.4	0
10	QPSK	25	12	21.71	21.87	21.79	21.76		
10	QPSK	25	25	21.82	21.82	21.77	21.82		
10	QPSK	50	0	21.97	21.93	21.89	21.93		
10	16QAM	1	0	21.85	21.92	21.80	21.69	23.4	0
10	16QAM	1	25	21.76	21.78	21.73	21.71		
10	16QAM	1	49	21.53	21.76	21.44	21.85		
10	16QAM	25	0	21.97	21.90	21.97	21.83	23	0.4
10	16QAM	25	12	21.97	21.98	21.98	21.93		
10	16QAM	25	25	21.79	21.78	21.86	21.67		
10	16QAM	50	0	21.71	21.78	21.73	21.77		
10	64QAM	1	0	21.84	21.86	21.95	21.86	23	0.4
10	64QAM	1	25	21.81	21.91	21.79	21.74		
10	64QAM	1	49	21.67	21.77	21.75	21.66		
10	64QAM	25	0	21.02	21.22	20.92	20.82	22	1.4
10	64QAM	25	12	20.96	21.13	20.97	20.97		
10	64QAM	25	25	20.92	21.08	20.85	20.83		
10	64QAM	50	0	20.96	21.33	21.05	20.85		
10	256QAM	1	0	19.14	19.28	18.93	18.90	20	3.4
10	256QAM	1	25	19.05	19.33	18.95	19.05		
10	256QAM	1	49	18.89	19.30	18.87	19.04		
10	256QAM	25	0	19.02	19.26	19.10	18.92	20	3.4
10	256QAM	25	12	19.16	19.31	19.14	18.90		
10	256QAM	25	25	19.15	19.35	18.91	19.14		
10	256QAM	50	0	19.03	19.32	18.88	18.99		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3553.5	3607	3643	3697.5		
5	QPSK	1	0	22.03	22.00	21.94	21.93	23.4	0
5	QPSK	1	12	21.84	21.98	21.89	21.77		
5	QPSK	1	24	21.88	21.81	21.81	21.87		
5	QPSK	12	0	21.86	21.96	21.92	21.91	23.4	0
5	QPSK	12	7	21.74	21.87	21.83	21.76		
5	QPSK	12	13	21.75	21.83	21.70	21.81		
5	QPSK	25	0	21.97	21.97	21.85	21.92		
5	16QAM	1	0	21.80	21.83	21.73	21.66	23.4	0
5	16QAM	1	12	21.79	21.85	21.77	21.72		
5	16QAM	1	24	21.58	21.72	21.51	21.40		
5	16QAM	12	0	21.94	22.00	21.94	21.83	23	0.4
5	16QAM	12	7	22.05	22.03	21.90	21.90		
5	16QAM	12	13	21.70	21.81	21.87	21.69		
5	16QAM	25	0	21.70	21.83	21.73	21.79		
5	64QAM	1	0	21.95	21.93	21.88	21.79	23	0.4
5	64QAM	1	12	21.82	21.83	21.79	21.77		
5	64QAM	1	24	21.69	21.81	21.75	21.74		
5	64QAM	12	0	21.09	21.31	21.06	21.05	22	1.4
5	64QAM	12	7	21.19	21.39	20.92	21.07		
5	64QAM	12	13	21.04	21.40	21.01	21.09		
5	64QAM	25	0	21.06	21.30	21.07	20.88		
5	256QAM	1	0	18.90	19.15	19.01	18.92	20	3.4
5	256QAM	1	12	18.97	19.30	18.94	18.85		
5	256QAM	1	24	18.83	19.25	18.92	19.10		
5	256QAM	12	0	19.14	19.45	19.03	18.96	20	3.4
5	256QAM	12	7	19.19	19.44	19.11	19.13		
5	256QAM	12	13	19.15	19.32	19.01	18.95		
5	256QAM	25	0	19.07	19.20	18.88	19.08		

Reduced Power Mode for DSI 7

GSM850	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	30.93	30.97	31.23	32.50	21.93	21.97	22.23	23.50
GPRS 1 Tx slot	30.84	30.88	31.13	32.50	21.84	21.88	22.13	23.50
GPRS 2 Tx slots	28.42	28.44	28.46	29.50	22.42	22.44	22.46	23.50
GPRS 3 Tx slots	26.74	26.82	26.96	27.50	22.48	22.56	22.70	23.24
GPRS 4 Tx slots	25.25	25.17	25.45	26.50	22.25	22.17	22.45	23.50
EDGE 1 Tx slot	24.47	24.51	24.44	25.50	15.47	15.51	15.44	16.50
EDGE 2 Tx slots	23.13	23.35	23.31	24.50	17.13	17.35	17.31	18.50
EDGE 3 Tx slots	21.31	21.77	21.76	23.00	17.05	17.51	17.52	18.74
EDGE 4 Tx slots	19.79	19.74	19.72	21.00	16.79	16.74	16.72	18.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	23.46	23.62	23.43	24.50	14.46	14.62	14.43	15.50
GPRS 1 Tx slot	23.43	23.53	23.44	24.50	14.43	14.53	14.44	15.50
GPRS 2 Tx slots	21.09	20.95	20.78	21.50	15.09	14.95	14.78	15.50
GPRS 3 Tx slots	19.08	19.15	19.19	19.50	14.82	14.89	14.93	15.24
GPRS 4 Tx slots	16.99	17.23	17.15	18.50	13.99	14.23	14.15	15.50
EDGE 1 Tx slot	23.29	23.37	23.35	24.50	14.29	14.37	14.35	15.50
EDGE 2 Tx slots	20.48	20.20	20.28	21.50	14.48	14.20	14.28	15.50
EDGE 3 Tx slots	18.50	18.90	18.84	19.50	14.24	14.64	14.58	15.24
EDGE 4 Tx slots	16.54	16.82	16.88	18.50	13.54	13.82	13.88	15.50

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.54	14.59	14.69	16.10	18.42	18.29	18.46	19.20	22.90	22.96	22.86	24.00
3GPP Rel 99	RMC 12.2Kbps	14.80	14.93	14.75	16.10	18.51	18.54	18.53	19.20	23.01	23.03	22.99	24.00
3GPP Rel 6	HSDPA Subtest-1	13.69	13.68	13.77	15.10	17.48	17.56	17.56	18.20	22.00	21.88	21.94	23.00
3GPP Rel 6	HSDPA Subtest-2	13.73	13.76	13.68	15.10	17.45	17.39	17.59	18.20	22.06	22.09	22.04	23.00
3GPP Rel 6	HSDPA Subtest-3	13.04	13.38	13.15	14.60	16.91	17.01	17.00	17.70	21.48	21.47	21.44	22.50
3GPP Rel 6	HSDPA Subtest-4	13.05	13.38	13.22	14.60	16.79	16.99	17.12	17.70	21.62	21.62	21.60	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	13.74	13.85	13.78	15.10	17.30	17.72	17.44	18.20	21.90	22.11	22.13	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	13.61	13.85	13.62	15.10	17.58	17.46	17.57	18.20	22.02	21.94	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.17	13.34	13.29	14.60	17.15	17.06	16.97	17.70	21.48	21.39	21.42	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.29	13.32	13.18	14.60	16.92	16.96	17.07	17.70	21.46	21.39	21.46	22.50
3GPP Rel 6	HSUPA Subtest-1	13.63	13.78	13.74	15.10	17.45	17.61	17.53	18.20	21.95	21.97	21.86	23.00
3GPP Rel 6	HSUPA Subtest-2	11.57	11.94	11.90	13.10	15.51	15.49	15.64	16.20	20.15	20.16	20.11	21.00
3GPP Rel 6	HSUPA Subtest-3	12.82	12.72	12.78	14.10	16.42	16.50	16.69	17.20	21.14	21.02	20.97	22.00
3GPP Rel 6	HSUPA Subtest-4	11.70	11.76	11.77	13.10	15.35	15.53	15.60	16.20	20.14	20.14	19.95	21.00
3GPP Rel 6	HSUPA Subtest-5	13.69	13.96	13.85	15.10	17.46	17.47	17.63	18.20	22.00	21.91	21.99	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.13	11.24	11.31	12.60	15.03	15.23	15.03	15.70	19.53	19.43	19.36	20.50

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.17	14.31	14.22	15.4	0
20	QPSK	1	49	14.04	14.15	14.05		
20	QPSK	1	99	13.99	14.12	13.99		
20	QPSK	50	0	14.13	14.21	14.04	15.4	0
20	QPSK	50	24	13.95	14.14	14.09		
20	QPSK	50	50	14.10	14.19	13.98		
20	QPSK	100	0	14.11	14.14	14.07		
20	16QAM	1	0	14.09	14.30	14.10	15.4	0
20	16QAM	1	49	14.03	14.05	13.98		
20	16QAM	1	99	13.96	14.05	13.99		
20	16QAM	50	0	14.06	14.12	14.05	15.4	0
20	16QAM	50	24	13.87	14.02	13.94		
20	16QAM	50	50	14.08	14.14	13.87		
20	16QAM	100	0	14.00	14.05	13.98		
20	64QAM	1	0	14.11	14.27	14.16	15.4	0
20	64QAM	1	49	14.01	14.02	13.97		
20	64QAM	1	99	13.93	13.97	13.92		
20	64QAM	50	0	14.00	14.07	13.99	15.4	0
20	64QAM	50	24	13.93	14.12	14.04		
20	64QAM	50	50	14.04	14.16	13.84		
20	64QAM	100	0	14.04	14.11	13.91		
20	256QAM	1	0	14.19	14.20	14.02	15.4	0
20	256QAM	1	49	14.04	14.15	13.91		
20	256QAM	1	99	14.04	14.00	13.95		
20	256QAM	50	0	13.98	14.19	14.10	15.4	0
20	256QAM	50	24	13.90	14.08	14.11		
20	256QAM	50	50	14.06	14.16	13.92		
20	256QAM	100	0	13.98	14.10	14.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.06	14.20	14.11	15.4	0
15	QPSK	1	37	13.98	14.11	13.96		
15	QPSK	1	74	13.88	14.05	13.87		
15	QPSK	36	0	14.06	14.11	14.01	15.4	0
15	QPSK	36	20	13.87	14.10	14.05		
15	QPSK	36	39	14.04	14.12	13.85		
15	QPSK	75	0	14.01	14.10	14.04		
15	16QAM	1	0	14.02	14.16	14.03	15.4	0
15	16QAM	1	37	13.93	13.93	13.95		
15	16QAM	1	74	13.93	13.97	13.91		
15	16QAM	36	0	13.97	14.04	13.93	15.4	0
15	16QAM	36	20	13.83	13.93	13.87		
15	16QAM	36	39	14.00	14.04	13.74		
15	16QAM	75	0	13.89	13.98	13.91		
15	64QAM	1	0	14.04	14.20	14.04	15.4	0
15	64QAM	1	37	13.98	13.93	13.87		
15	64QAM	1	74	13.91	13.87	13.80		
15	64QAM	36	0	13.90	14.01	13.88	15.4	0
15	64QAM	36	20	13.84	14.00	14.01		
15	64QAM	36	39	13.98	14.13	13.71		
15	64QAM	75	0	13.91	14.04	13.81		
15	256QAM	1	0	14.09	14.11	13.99	15.4	0
15	256QAM	1	37	13.93	14.04	13.83		
15	256QAM	1	74	13.93	13.95	13.87		
15	256QAM	36	0	13.94	14.05	14.01	15.4	0
15	256QAM	36	20	13.85	13.98	14.08		
15	256QAM	36	39	13.92	14.07	13.82		
15	256QAM	75	0	13.96	14.08	13.92		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.13	14.22	14.11	15.4	0
10	QPSK	1	25	13.93	14.07	13.98		
10	QPSK	1	49	13.91	14.07	13.88		
10	QPSK	25	0	14.09	14.11	13.99	15.4	0
10	QPSK	25	12	13.85	14.09	14.04		
10	QPSK	25	25	14.06	14.11	13.90		
10	QPSK	50	0	14.07	14.12	13.99		
10	16QAM	1	0	14.00	14.18	14.07	15.4	0
10	16QAM	1	25	13.94	14.02	13.94		
10	16QAM	1	49	13.93	13.97	13.90		
10	16QAM	25	0	13.93	13.99	14.02	15.4	0
10	16QAM	25	12	13.77	13.94	13.91		
10	16QAM	25	25	14.03	14.10	13.73		
10	16QAM	50	0	13.91	13.93	13.93		
10	64QAM	1	0	14.05	14.13	14.13	15.4	0
10	64QAM	1	25	13.97	13.98	13.87		
10	64QAM	1	49	13.81	13.87	13.81		
10	64QAM	25	0	13.88	13.96	13.88	15.4	0
10	64QAM	25	12	13.79	14.09	13.90		
10	64QAM	25	25	14.00	14.13	13.81		
10	64QAM	50	0	14.01	14.08	13.78		
10	256QAM	1	0	14.11	14.07	13.96	15.4	0
10	256QAM	1	25	13.94	14.02	13.85		
10	256QAM	1	49	13.99	13.87	13.89		
10	256QAM	25	0	13.96	14.10	14.02	15.4	0
10	256QAM	25	12	13.81	14.02	14.08		
10	256QAM	25	25	13.98	14.13	13.81		
10	256QAM	50	0	13.93	13.96	13.89		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.07	14.18	14.10	15.4	0
5	QPSK	1	12	13.93	14.10	14.01		
5	QPSK	1	24	13.87	14.04	13.91		
5	QPSK	12	0	14.09	14.14	13.92	15.4	0
5	QPSK	12	7	13.84	14.01	14.02		
5	QPSK	12	13	13.97	14.12	13.85		
5	QPSK	25	0	14.03	14.09	13.98		
5	16QAM	1	0	14.05	14.20	14.06	15.4	0
5	16QAM	1	12	13.91	13.98	13.85		
5	16QAM	1	24	13.90	13.98	13.95		
5	16QAM	12	0	14.02	14.10	13.93	15.4	0
5	16QAM	12	7	13.84	13.94	13.86		
5	16QAM	12	13	14.01	14.03	13.77		
5	16QAM	25	0	13.97	13.97	13.85		
5	64QAM	1	0	14.07	14.24	14.05	15.4	0
5	64QAM	1	12	13.89	13.97	13.86		
5	64QAM	1	24	13.86	13.83	13.80		
5	64QAM	12	0	13.89	13.94	13.93	15.4	0
5	64QAM	12	7	13.83	14.09	13.93		
5	64QAM	12	13	13.96	14.12	13.78		
5	64QAM	25	0	14.01	14.07	13.77		
5	256QAM	1	0	14.16	14.11	13.95	15.4	0
5	256QAM	1	12	14.02	14.05	13.81		
5	256QAM	1	24	13.94	13.87	13.89		
5	256QAM	12	0	13.94	14.13	14.04	15.4	0
5	256QAM	12	7	13.77	14.04	14.04		
5	256QAM	12	13	13.99	14.12	13.78		
5	256QAM	25	0	13.86	13.98	13.97		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.07	14.25	14.09	15.4	0
3	QPSK	1	8	13.93	14.07	13.98		
3	QPSK	1	14	13.91	14.03	13.95		
3	QPSK	8	0	14.00	14.07	14.01	15.4	0
3	QPSK	8	4	13.86	14.07	14.05		
3	QPSK	8	7	14.06	14.08	13.88		
3	QPSK	15	0	14.07	14.12	13.99		
3	16QAM	1	0	14.00	14.27	13.97	15.4	0
3	16QAM	1	8	13.90	14.02	13.89		
3	16QAM	1	14	13.92	14.03	13.93		
3	16QAM	8	0	13.99	14.00	13.95	15.4	0
3	16QAM	8	4	13.77	13.97	13.86		
3	16QAM	8	7	14.03	14.09	13.75		
3	16QAM	15	0	13.96	13.97	13.91		
3	64QAM	1	0	14.03	14.17	14.05	15.4	0
3	64QAM	1	8	13.96	13.97	13.91		
3	64QAM	1	14	13.82	13.95	13.79		
3	64QAM	8	0	13.95	13.94	13.93	15.4	0
3	64QAM	8	4	13.83	14.06	13.97		
3	64QAM	8	7	14.00	14.07	13.71		
3	64QAM	15	0	13.98	13.98	13.77		
3	256QAM	1	0	14.12	14.14	13.96	15.4	0
3	256QAM	1	8	13.95	14.06	13.84		
3	256QAM	1	14	13.97	13.95	13.91		
3	256QAM	8	0	13.95	14.15	14.06	15.4	0
3	256QAM	8	4	13.78	14.02	14.08		
3	256QAM	8	7	13.92	14.04	13.78		
3	256QAM	15	0	13.88	13.96	13.93		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.13	14.14	14.09	15.4	0
1.4	QPSK	1	3	14.00	14.11	13.94		
1.4	QPSK	1	5	13.91	14.10	13.95		
1.4	QPSK	3	0	14.03	14.19	13.90		
1.4	QPSK	3	1	13.90	14.06	14.06		
1.4	QPSK	3	3	13.99	14.16	13.93		
1.4	QPSK	6	0	14.00	14.07	14.01	15.4	0
1.4	16QAM	1	0	13.99	14.18	13.97	15.4	0
1.4	16QAM	1	3	14.00	13.99	13.91		
1.4	16QAM	1	5	13.89	14.03	13.97		
1.4	16QAM	3	0	13.95	14.07	13.96		
1.4	16QAM	3	1	13.76	13.91	13.86		
1.4	16QAM	3	3	13.97	14.04	13.79		
1.4	16QAM	6	0	13.94	13.92	13.87	15.4	0
1.4	64QAM	1	0	14.06	14.25	14.12	15.4	0
1.4	64QAM	1	3	13.95	13.97	13.89		
1.4	64QAM	1	5	13.81	13.88	13.90		
1.4	64QAM	3	0	13.87	13.99	13.89		
1.4	64QAM	3	1	13.79	14.07	13.98		
1.4	64QAM	3	3	13.91	14.14	13.81		
1.4	64QAM	6	0	13.95	14.09	13.78	15.4	0
1.4	256QAM	1	0	14.14	14.09	13.91	15.4	0
1.4	256QAM	1	3	13.92	14.09	13.84		
1.4	256QAM	1	5	13.95	13.94	13.81		
1.4	256QAM	3	0	13.84	14.10	14.02		
1.4	256QAM	3	1	13.77	14.03	13.99		
1.4	256QAM	3	3	13.95	14.03	13.83		
1.4	256QAM	6	0	13.86	14.08	13.90	15.4	0

Band 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	17.85	17.92	17.82	19	0
20	QPSK	1	49	17.79	17.71	17.77		
20	QPSK	1	99	17.83	17.69	17.71		
20	QPSK	50	0	17.78	17.84	17.70	19	0
20	QPSK	50	24	17.74	17.83	17.81		
20	QPSK	50	50	17.78	17.75	17.82		
20	QPSK	100	0	17.78	17.82	17.78		
20	16QAM	1	0	17.70	17.71	17.84	19	0
20	16QAM	1	49	17.72	17.69	17.76		
20	16QAM	1	99	17.79	17.73	17.76		
20	16QAM	50	0	17.80	17.69	17.69	19	0
20	16QAM	50	24	17.82	17.76	17.70		
20	16QAM	50	50	17.81	17.69	17.70		
20	16QAM	100	0	17.81	17.83	17.75		
20	64QAM	1	0	17.71	17.73	17.77	19	0
20	64QAM	1	49	17.82	17.83	17.82		
20	64QAM	1	99	17.80	17.80	17.73		
20	64QAM	50	0	17.73	17.75	17.82	19	0
20	64QAM	50	24	17.80	17.69	17.83		
20	64QAM	50	50	17.84	17.82	17.82		
20	64QAM	100	0	17.76	17.70	17.79		
20	256QAM	1	0	17.76	17.70	17.79	19	0
20	256QAM	1	49	17.83	17.83	17.82		
20	256QAM	1	99	17.83	17.71	17.76		
20	256QAM	50	0	17.74	17.84	17.77	19	0
20	256QAM	50	24	17.70	17.74	17.75		
20	256QAM	50	50	17.80	17.74	17.80		
20	256QAM	100	0	17.70	17.76	17.74		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.72	17.90	17.79	19	0
15	QPSK	1	37	17.65	17.65	17.64		
15	QPSK	1	74	17.73	17.63	17.66		
15	QPSK	36	0	17.73	17.80	17.63	19	0
15	QPSK	36	20	17.69	17.73	17.78		
15	QPSK	36	39	17.69	17.72	17.77		
15	QPSK	75	0	17.70	17.74	17.65		
15	16QAM	1	0	17.58	17.61	17.78	19	0
15	16QAM	1	37	17.58	17.63	17.70		
15	16QAM	1	74	17.68	17.61	17.64		
15	16QAM	36	0	17.67	17.66	17.55	19	0
15	16QAM	36	20	17.74	17.73	17.67		
15	16QAM	36	39	17.77	17.61	17.61		
15	16QAM	75	0	17.73	17.77	17.64		
15	64QAM	1	0	17.59	17.60	17.69	19	0
15	64QAM	1	37	17.76	17.80	17.77		
15	64QAM	1	74	17.77	17.72	17.71		
15	64QAM	36	0	17.63	17.72	17.71	19	0
15	64QAM	36	20	17.67	17.62	17.75		
15	64QAM	36	39	17.81	17.77	17.72		
15	64QAM	75	0	17.64	17.63	17.65		
15	256QAM	1	0	17.72	17.65	17.75	19	0
15	256QAM	1	37	17.78	17.71	17.69		
15	256QAM	1	74	17.72	17.61	17.68		
15	256QAM	36	0	17.71	17.76	17.65	19	0
15	256QAM	36	20	17.65	17.68	17.62		
15	256QAM	36	39	17.71	17.67	17.70		
15	256QAM	75	0	17.64	17.73	17.67		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.76	17.79	17.79	19	0
10	QPSK	1	25	17.67	17.67	17.65		
10	QPSK	1	49	17.70	17.59	17.58		
10	QPSK	25	0	17.73	17.78	17.65	19	0
10	QPSK	25	12	17.65	17.71	17.78		
10	QPSK	25	25	17.66	17.61	17.77		
10	QPSK	50	0	17.64	17.75	17.66		
10	16QAM	1	0	17.61	17.69	17.70	19	0
10	16QAM	1	25	17.60	17.56	17.64		
10	16QAM	1	49	17.68	17.62	17.73		
10	16QAM	25	0	17.69	17.64	17.59	19	0
10	16QAM	25	12	17.72	17.72	17.59		
10	16QAM	25	25	17.77	17.56	17.62		
10	16QAM	50	0	17.79	17.75	17.67		
10	64QAM	1	0	17.63	17.65	17.73	19	0
10	64QAM	1	25	17.73	17.70	17.69		
10	64QAM	1	49	17.71	17.73	17.69		
10	64QAM	25	0	17.63	17.73	17.79	19	0
10	64QAM	25	12	17.74	17.63	17.71		
10	64QAM	25	25	17.77	17.78	17.79		
10	64QAM	50	0	17.68	17.58	17.74		
10	256QAM	1	0	17.69	17.65	17.75	19	0
10	256QAM	1	25	17.75	17.79	17.73		
10	256QAM	1	49	17.74	17.59	17.74		
10	256QAM	25	0	17.72	17.77	17.71	19	0
10	256QAM	25	12	17.56	17.71	17.64		
10	256QAM	25	25	17.73	17.71	17.69		
10	256QAM	50	0	17.56	17.63	17.71		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.71	17.81	17.69	19	0
5	QPSK	1	12	17.68	17.63	17.71		
5	QPSK	1	24	17.76	17.66	17.63		
5	QPSK	12	0	17.71	17.81	17.58	19	0
5	QPSK	12	7	17.65	17.77	17.74		
5	QPSK	12	13	17.73	17.67	17.69		
5	QPSK	25	0	17.68	17.79	17.71		
5	16QAM	1	0	17.59	17.64	17.80	19	0
5	16QAM	1	12	17.60	17.67	17.70		
5	16QAM	1	24	17.71	17.61	17.70		
5	16QAM	12	0	17.76	17.55	17.56	19	0
5	16QAM	12	7	17.79	17.73	17.57		
5	16QAM	12	13	17.77	17.56	17.62		
5	16QAM	25	0	17.68	17.75	17.63		
5	64QAM	1	0	17.62	17.66	17.72	19	0
5	64QAM	1	12	17.80	17.70	17.74		
5	64QAM	1	24	17.76	17.73	17.61		
5	64QAM	12	0	17.63	17.63	17.79	19	0
5	64QAM	12	7	17.76	17.58	17.73		
5	64QAM	12	13	17.75	17.71	17.79		
5	64QAM	25	0	17.62	17.66	17.67		
5	256QAM	1	0	17.65	17.60	17.67	19	0
5	256QAM	1	12	17.74	17.73	17.78		
5	256QAM	1	24	17.79	17.64	17.64		
5	256QAM	12	0	17.61	17.71	17.63	19	0
5	256QAM	12	7	17.57	17.69	17.72		
5	256QAM	12	13	17.72	17.62	17.78		
5	256QAM	25	0	17.65	17.62	17.62		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.72	17.88	17.69	19	0
3	QPSK	1	8	17.70	17.62	17.64		
3	QPSK	1	14	17.76	17.65	17.67		
3	QPSK	8	0	17.75	17.73	17.68	19	0
3	QPSK	8	4	17.67	17.79	17.72		
3	QPSK	8	7	17.66	17.66	17.70		
3	QPSK	15	0	17.65	17.78	17.64		
3	16QAM	1	0	17.62	17.66	17.73	19	0
3	16QAM	1	8	17.64	17.64	17.65		
3	16QAM	1	14	17.66	17.63	17.67		
3	16QAM	8	0	17.73	17.66	17.57	19	0
3	16QAM	8	4	17.74	17.72	17.65		
3	16QAM	8	7	17.74	17.56	17.63		
3	16QAM	15	0	17.74	17.75	17.69		
3	64QAM	1	0	17.66	17.70	17.72	19	0
3	64QAM	1	8	17.76	17.69	17.68		
3	64QAM	1	14	17.78	17.70	17.60		
3	64QAM	8	0	17.69	17.70	17.75	19	0
3	64QAM	8	4	17.73	17.65	17.78		
3	64QAM	8	7	17.79	17.78	17.77		
3	64QAM	15	0	17.62	17.62	17.69		
3	256QAM	1	0	17.64	17.68	17.75	19	0
3	256QAM	1	8	17.78	17.76	17.70		
3	256QAM	1	14	17.78	17.59	17.62		
3	256QAM	8	0	17.61	17.78	17.72	19	0
3	256QAM	8	4	17.67	17.70	17.66		
3	256QAM	8	7	17.74	17.67	17.78		
3	256QAM	15	0	17.57	17.67	17.62		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.73	17.79	17.71	19	0
1.4	QPSK	1	3	17.66	17.66	17.72		
1.4	QPSK	1	5	17.77	17.65	17.58		
1.4	QPSK	3	0	17.73	17.75	17.67		
1.4	QPSK	3	1	17.60	17.76	17.73		
1.4	QPSK	3	3	17.66	17.68	17.74		
1.4	QPSK	6	0	17.67	17.75	17.67	19	0
1.4	16QAM	1	0	17.56	17.66	17.77	19	0
1.4	16QAM	1	3	17.58	17.58	17.69		
1.4	16QAM	1	5	17.68	17.59	17.66		
1.4	16QAM	3	0	17.77	17.60	17.63		
1.4	16QAM	3	1	17.77	17.63	17.59		
1.4	16QAM	3	3	17.69	17.64	17.67		
1.4	16QAM	6	0	17.78	17.75	17.63	19	0
1.4	64QAM	1	0	17.67	17.67	17.74	19	0
1.4	64QAM	1	3	17.79	17.74	17.76		
1.4	64QAM	1	5	17.74	17.76	17.68		
1.4	64QAM	3	0	17.71	17.68	17.71		
1.4	64QAM	3	1	17.68	17.65	17.70		
1.4	64QAM	3	3	17.79	17.73	17.74		
1.4	64QAM	6	0	17.71	17.60	17.76	19	0
1.4	256QAM	1	0	17.74	17.62	17.69	19	0
1.4	256QAM	1	3	17.80	17.76	17.77		
1.4	256QAM	1	5	17.74	17.66	17.71		
1.4	256QAM	3	0	17.64	17.74	17.68		
1.4	256QAM	3	1	17.61	17.61	17.65		
1.4	256QAM	3	3	17.77	17.60	17.76		
1.4	256QAM	6	0	17.65	17.68	17.63	19	0

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.76	22.85	22.61	24	0
10	QPSK	1	25	22.59	22.72	22.55		
10	QPSK	1	49	22.71	22.73	22.53		
10	QPSK	25	0	22.62	22.78	22.48	24	0
10	QPSK	25	12	22.70	22.77	22.48		
10	QPSK	25	25	22.66	22.68	22.44		
10	QPSK	50	0	22.66	22.70	22.43		
10	16QAM	1	0	22.60	22.82	22.56	24	0
10	16QAM	1	25	22.61	22.67	22.53		
10	16QAM	1	49	22.67	22.73	22.50		
10	16QAM	25	0	21.73	21.92	21.60	23	1
10	16QAM	25	12	21.82	21.83	21.61		
10	16QAM	25	25	21.80	21.87	21.57		
10	16QAM	50	0	21.76	21.84	21.62		
10	64QAM	1	0	21.72	21.87	21.62	23	1
10	64QAM	1	25	21.82	21.92	21.63		
10	64QAM	1	49	21.82	21.91	21.68		
10	64QAM	25	0	20.69	20.78	20.68	22	2
10	64QAM	25	12	20.80	20.86	20.60		
10	64QAM	25	25	20.74	20.88	20.56		
10	64QAM	50	0	20.69	20.92	20.58		
10	256QAM	1	0	18.74	18.82	18.62	20	4
10	256QAM	1	25	18.77	18.86	18.63		
10	256QAM	1	49	18.70	18.83	18.55		
10	256QAM	25	0	18.77	18.84	18.55	20	4
10	256QAM	25	12	18.72	18.82	18.64		
10	256QAM	25	25	18.78	18.79	18.62		
10	256QAM	50	0	18.68	18.78	18.55		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.60	22.82	22.45	24	0
5	QPSK	1	12	22.45	22.60	22.43		
5	QPSK	1	24	22.56	22.67	22.46		
5	QPSK	12	0	22.53	22.67	22.33	24	0
5	QPSK	12	7	22.61	22.73	22.42		
5	QPSK	12	13	22.49	22.62	22.36		
5	QPSK	25	0	22.63	22.67	22.38		
5	16QAM	1	0	22.49	22.64	22.39	24	0
5	16QAM	1	12	22.53	22.52	22.45		
5	16QAM	1	24	22.56	22.59	22.41		
5	16QAM	12	0	21.56	21.82	21.50	23	1
5	16QAM	12	7	21.70	21.76	21.54		
5	16QAM	12	13	21.74	21.75	21.46		
5	16QAM	25	0	21.73	21.81	21.53		
5	64QAM	1	0	21.59	21.79	21.53	23	1
5	64QAM	1	12	21.69	21.75	21.46		
5	64QAM	1	24	21.73	21.88	21.57		
5	64QAM	12	0	20.59	20.63	20.53	22	2
5	64QAM	12	7	20.73	20.70	20.54		
5	64QAM	12	13	20.60	20.73	20.46		
5	64QAM	25	0	20.55	20.83	20.51		
5	256QAM	1	0	18.72	18.76	18.59	20	4
5	256QAM	1	12	18.68	18.76	18.49		
5	256QAM	1	24	18.67	18.69	18.49		
5	256QAM	12	0	18.71	18.66	18.44	20	4
5	256QAM	12	7	18.61	18.68	18.61		
5	256QAM	12	13	18.62	18.71	18.53		
5	256QAM	25	0	18.52	18.61	18.38		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.59	22.72	22.45	24	0
3	QPSK	1	8	22.51	22.63	22.43		
3	QPSK	1	14	22.59	22.60	22.40		
3	QPSK	8	0	22.56	22.64	22.40	24	0
3	QPSK	8	4	22.52	22.73	22.42		
3	QPSK	8	7	22.57	22.61	22.38		
3	QPSK	15	0	22.59	22.52	22.35		
3	16QAM	1	0	22.57	22.78	22.40	24	0
3	16QAM	1	8	22.52	22.59	22.40		
3	16QAM	1	14	22.52	22.65	22.37		
3	16QAM	8	0	21.65	21.79	21.45	23	1
3	16QAM	8	4	21.77	21.71	21.49		
3	16QAM	8	7	21.73	21.79	21.44		
3	16QAM	15	0	21.64	21.74	21.48		
3	64QAM	1	0	21.66	21.72	21.57	23	1
3	64QAM	1	8	21.68	21.79	21.53		
3	64QAM	1	14	21.78	21.81	21.61		
3	64QAM	8	0	20.58	20.66	20.59	22	2
3	64QAM	8	4	20.78	20.78	20.46		
3	64QAM	8	7	20.70	20.85	20.52		
3	64QAM	15	0	20.54	20.86	20.56		
3	256QAM	1	0	18.69	18.71	18.45	20	4
3	256QAM	1	8	18.60	18.76	18.56		
3	256QAM	1	14	18.55	18.70	18.49		
3	256QAM	8	0	18.61	18.76	18.52	20	4
3	256QAM	8	4	18.59	18.70	18.58		
3	256QAM	8	7	18.61	18.74	18.45		
3	256QAM	15	0	18.56	18.76	18.46		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.61	22.76	22.53	24	0
1.4	QPSK	1	3	22.66	22.71	22.58		
1.4	QPSK	1	5	22.60	22.79	22.43		
1.4	QPSK	3	0	22.74	22.82	22.43		
1.4	QPSK	3	1	22.60	22.78	22.51		
1.4	QPSK	3	3	22.71	22.68	22.48		
1.4	QPSK	6	0	22.60	22.76	22.59	24	0
1.4	16QAM	1	0	22.73	22.73	22.44	24	0
1.4	16QAM	1	3	22.70	22.71	22.51		
1.4	16QAM	1	5	22.59	22.68	22.47		
1.4	16QAM	3	0	22.67	22.70	22.48		
1.4	16QAM	3	1	22.67	22.76	22.53		
1.4	16QAM	3	3	22.71	22.75	22.46		
1.4	16QAM	6	0	21.79	21.83	21.59	23	1
1.4	64QAM	1	0	21.72	21.70	21.74	23	1
1.4	64QAM	1	3	21.73	21.83	21.62		
1.4	64QAM	1	5	21.63	21.78	21.50		
1.4	64QAM	3	0	21.65	21.71	21.71		
1.4	64QAM	3	1	21.82	21.88	21.51		
1.4	64QAM	3	3	21.76	21.82	21.52		
1.4	64QAM	6	0	20.81	20.95	20.51	22	2
1.4	256QAM	1	0	18.65	18.73	18.55	20	4
1.4	256QAM	1	3	18.62	18.96	18.64		
1.4	256QAM	1	5	18.61	18.91	18.62		
1.4	256QAM	3	0	18.64	18.85	18.66		
1.4	256QAM	3	1	18.68	18.98	18.74		
1.4	256QAM	3	3	18.91	18.75	18.68		
1.4	256QAM	6	0	18.81	18.92	18.60	20	4

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.06	23.10	23.07	24	0
10	QPSK	1	25	22.95	23.05	22.95		
10	QPSK	1	49	22.95	23.01	22.95		
10	QPSK	25	0	22.97	23.06	22.97	24	0
10	QPSK	25	12	22.98	22.98	22.97		
10	QPSK	25	25	23.00	23.03	22.99		
10	QPSK	50	0	22.94	23.00	22.99		
10	16QAM	1	0	23.01	23.00	23.00	24	0
10	16QAM	1	25	22.92	23.03	22.95		
10	16QAM	1	49	22.98	23.00	22.97		
10	16QAM	25	0	21.93	22.02	21.92	23	1
10	16QAM	25	12	22.05	22.19	22.18		
10	16QAM	25	25	22.07	22.07	22.18		
10	16QAM	50	0	22.14	21.99	22.06		
10	64QAM	1	0	22.12	22.21	22.14	23	1
10	64QAM	1	25	21.91	22.00	21.98		
10	64QAM	1	49	22.16	22.08	21.92		
10	64QAM	25	0	21.09	21.17	21.06	22	2
10	64QAM	25	12	20.92	20.97	21.01		
10	64QAM	25	25	21.11	21.02	21.21		
10	64QAM	50	0	21.20	21.14	21.21		
10	256QAM	1	0	18.93	19.03	18.94	20	4
10	256QAM	1	25	18.97	19.23	18.97		
10	256QAM	1	49	19.14	19.06	19.04		
10	256QAM	25	0	19.04	19.08	19.11	20	4
10	256QAM	25	12	19.11	18.99	19.05		
10	256QAM	25	25	19.02	19.11	19.06		
10	256QAM	50	0	19.03	19.04	19.18		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.99	23.02	22.91	24	0
5	QPSK	1	12	22.84	22.95	22.89		
5	QPSK	1	24	22.93	22.87	22.93		
5	QPSK	12	0	22.91	23.00	22.93	24	0
5	QPSK	12	7	22.93	22.92	22.91		
5	QPSK	12	13	22.95	22.98	22.86		
5	QPSK	25	0	22.86	22.94	22.89		
5	16QAM	1	0	22.87	22.87	22.87	24	0
5	16QAM	1	12	22.86	22.97	22.92		
5	16QAM	1	24	22.81	22.84	22.88		
5	16QAM	12	0	21.79	21.90	21.84	23	1
5	16QAM	12	7	21.88	22.11	22.15		
5	16QAM	12	13	21.95	22.02	22.01		
5	16QAM	25	0	22.11	21.89	21.99		
5	64QAM	1	0	21.98	22.15	21.98	23	1
5	64QAM	1	12	21.81	21.92	21.95		
5	64QAM	1	24	22.00	22.05	21.84		
5	64QAM	12	0	21.05	21.00	20.97	22	2
5	64QAM	12	7	20.85	20.83	20.89		
5	64QAM	12	13	20.96	20.93	21.17		
5	64QAM	25	0	21.18	21.03	21.16		
5	256QAM	1	0	18.83	19.00	18.78	20	4
5	256QAM	1	12	18.87	19.17	18.87		
5	256QAM	1	24	19.00	18.96	18.99		
5	256QAM	12	0	19.01	18.94	18.97	20	4
5	256QAM	12	7	19.01	18.88	18.94		
5	256QAM	12	13	19.00	18.94	18.95		
5	256QAM	25	0	18.96	18.89	19.14		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.90	22.96	23.03	24	0
3	QPSK	1	8	22.85	23.00	22.83		
3	QPSK	1	14	22.90	22.96	22.79		
3	QPSK	8	0	22.90	23.03	22.87	24	0
3	QPSK	8	4	22.95	22.83	22.92		
3	QPSK	8	7	22.91	22.92	22.87		
3	QPSK	15	0	22.91	22.88	22.94		
3	16QAM	1	0	22.90	22.85	22.84	24	0
3	16QAM	1	8	22.76	22.95	22.84		
3	16QAM	1	14	22.81	22.82	22.90		
3	16QAM	8	0	21.77	21.92	21.84	23	1
3	16QAM	8	4	22.00	22.12	22.04		
3	16QAM	8	7	21.99	21.94	22.12		
3	16QAM	15	0	21.97	21.87	22.02		
3	64QAM	1	0	22.00	22.11	21.98	23	1
3	64QAM	1	8	21.79	21.83	21.86		
3	64QAM	1	14	22.10	22.01	21.89		
3	64QAM	8	0	20.96	21.06	21.03	22	2
3	64QAM	8	4	20.75	20.84	20.94		
3	64QAM	8	7	21.08	20.93	21.14		
3	64QAM	15	0	21.07	21.00	21.14		
3	256QAM	1	0	18.81	18.91	18.86	20	4
3	256QAM	1	8	18.92	19.14	18.82		
3	256QAM	1	14	19.10	18.98	18.91		
3	256QAM	8	0	18.88	18.92	19.05	20	4
3	256QAM	8	4	19.01	18.95	18.90		
3	256QAM	8	7	18.95	19.03	19.03		
3	256QAM	15	0	18.89	18.99	19.11		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.96	22.99	23.02	24	0
1.4	QPSK	1	3	23.02	23.06	22.98		
1.4	QPSK	1	5	22.98	22.99	22.92		
1.4	QPSK	3	0	23.01	22.99	22.94		
1.4	QPSK	3	1	22.98	23.00	22.92		
1.4	QPSK	3	3	22.94	22.95	22.96		
1.4	QPSK	6	0	22.89	23.00	22.89	24	0
1.4	16QAM	1	0	22.94	22.92	23.02	24	0
1.4	16QAM	1	3	23.03	23.02	22.94		
1.4	16QAM	1	5	22.92	23.05	23.02		
1.4	16QAM	3	0	22.88	22.96	23.05		
1.4	16QAM	3	1	23.00	23.00	23.02		
1.4	16QAM	3	3	22.92	23.08	22.90		
1.4	16QAM	6	0	22.06	22.15	22.14	23	1
1.4	64QAM	1	0	22.08	22.07	21.99	23	1
1.4	64QAM	1	3	22.01	22.03	21.93		
1.4	64QAM	1	5	22.08	21.95	22.11		
1.4	64QAM	3	0	22.10	22.17	22.01		
1.4	64QAM	3	1	22.06	22.14	21.98		
1.4	64QAM	3	3	22.21	22.08	21.98		
1.4	64QAM	6	0	21.17	21.14	21.21	22	2
1.4	256QAM	1	0	18.93	19.17	19.12	20	4
1.4	256QAM	1	3	19.18	19.21	18.97		
1.4	256QAM	1	5	19.08	19.06	18.99		
1.4	256QAM	3	0	19.17	19.05	19.07		
1.4	256QAM	3	1	19.01	19.19	18.98		
1.4	256QAM	3	3	18.91	19.19	19.06		
1.4	256QAM	6	0	19.17	19.07	19.17	20	4

Band 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.10		24	0
10	QPSK	1	25		23.00			
10	QPSK	1	49		22.95			
10	QPSK	25	0		23.08		24	0
10	QPSK	25	12		23.07			
10	QPSK	25	25		22.99			
10	QPSK	50	0		23.06			
10	16QAM	1	0		23.01		24	0
10	16QAM	1	25		22.94			
10	16QAM	1	49		22.98			
10	16QAM	25	0		22.25		23	1
10	16QAM	25	12		22.21			
10	16QAM	25	25		22.00			
10	16QAM	50	0		22.11			
10	64QAM	1	0		22.22		23	1
10	64QAM	1	25		22.15			
10	64QAM	1	49		21.97			
10	64QAM	25	0		21.14		22	2
10	64QAM	25	12		21.20			
10	64QAM	25	25		20.96			
10	64QAM	50	0		21.15			
10	256QAM	1	0		19.24		20	4
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.22			
10	256QAM	25	0		19.04		20	4
10	256QAM	25	12		19.14			
10	256QAM	25	25		18.97			
10	256QAM	50	0		19.10			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.85	23.00	23.01	24	0
5	QPSK	1	12	22.87	22.94	22.83		
5	QPSK	1	24	22.78	22.84	22.78		
5	QPSK	12	0	22.82	22.90	22.90	24	0
5	QPSK	12	7	22.89	23.04	22.85		
5	QPSK	12	13	22.82	22.81	22.88		
5	QPSK	25	0	22.89	23.01	22.87		
5	16QAM	1	0	22.77	22.90	22.81	24	0
5	16QAM	1	12	22.79	22.92	22.86		
5	16QAM	1	24	22.92	22.83	22.93		
5	16QAM	12	0	21.97	21.93	21.80	23	1
5	16QAM	12	7	21.87	22.12	22.01		
5	16QAM	12	13	22.09	21.93	21.79		
5	16QAM	25	0	21.97	22.03	21.84		
5	64QAM	1	0	21.97	22.16	21.92	23	1
5	64QAM	1	12	21.94	22.02	21.97		
5	64QAM	1	24	21.90	21.87	21.85		
5	64QAM	12	0	21.12	21.05	20.92	22	2
5	64QAM	12	7	21.99	21.12	20.97		
5	64QAM	12	13	20.88	20.87	20.82		
5	64QAM	25	0	21.03	21.07	20.91		
5	256QAM	1	0	18.81	19.16	18.97	20	4
5	256QAM	1	12	18.95	18.97	18.83		
5	256QAM	1	24	18.86	19.08	18.91		
5	256QAM	12	0	18.82	18.97	19.05	20	4
5	256QAM	12	7	18.90	19.11	19.02		
5	256QAM	12	13	19.02	18.79	18.98		
5	256QAM	25	0	18.98	19.03	18.84		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		22.93		24	0
10	QPSK	1	25		22.84			
10	QPSK	1	49		22.86			
10	QPSK	25	0		22.91		24	0
10	QPSK	25	12		22.77			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.89			
10	16QAM	1	0		22.78		24	0
10	16QAM	1	25		22.89			
10	16QAM	1	49		22.85			
10	16QAM	25	0		21.90		23	1
10	16QAM	25	12		22.00			
10	16QAM	25	25		21.93			
10	16QAM	50	0		21.99			
10	64QAM	1	0		21.92		23	1
10	64QAM	1	25		21.95			
10	64QAM	1	49		21.99			
10	64QAM	25	0		20.86		22	2
10	64QAM	25	12		20.94			
10	64QAM	25	25		20.99			
10	64QAM	50	0		21.00			
10	256QAM	1	0		18.90		20	4
10	256QAM	1	25		18.85			
10	256QAM	1	49		19.00			
10	256QAM	25	0		19.00		20	4
10	256QAM	25	12		18.79			
10	256QAM	25	25		19.03			
10	256QAM	50	0		19.08			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.66	22.90	22.82	24	0
5	QPSK	1	12	22.56	22.75	22.66		
5	QPSK	1	24	22.66	22.79	22.70		
5	QPSK	12	0	22.59	22.83	22.77	24	0
5	QPSK	12	7	22.60	22.74	22.78		
5	QPSK	12	13	22.76	22.84	22.69		
5	QPSK	25	0	22.53	22.83	22.70		
5	16QAM	1	0	22.65	22.66	22.53	24	0
5	16QAM	1	12	22.74	22.82	22.58		
5	16QAM	1	24	22.64	22.79	22.80		
5	16QAM	12	0	21.88	21.75	21.75	23	1
5	16QAM	12	7	21.87	21.86	21.78		
5	16QAM	12	13	21.89	21.87	21.90		
5	16QAM	25	0	21.78	21.96	21.79		
5	64QAM	1	0	21.83	21.84	21.74	23	1
5	64QAM	1	12	21.73	21.86	21.80		
5	64QAM	1	24	21.75	21.96	21.66		
5	64QAM	12	0	20.81	20.79	20.68	22	2
5	64QAM	12	7	20.80	20.81	20.75		
5	64QAM	12	13	20.79	20.93	20.76		
5	64QAM	25	0	20.81	20.85	20.78		
5	256QAM	1	0	18.67	18.78	18.61	20	4
5	256QAM	1	12	18.69	18.74	18.66		
5	256QAM	1	24	18.74	18.82	18.84		
5	256QAM	12	0	18.78	18.89	18.56	20	4
5	256QAM	12	7	18.68	18.69	18.90		
5	256QAM	12	13	18.76	18.95	18.95		
5	256QAM	25	0	18.85	18.95	18.87		

Band 17

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.08	23.09	23.02	24	0
10	QPSK	1	25	22.91	23.02	22.96		
10	QPSK	1	49	22.97	23.01	22.98		
10	QPSK	25	0	23.04	23.05	22.94	24	0
10	QPSK	25	12	23.02	22.99	22.87		
10	QPSK	25	25	23.03	23.01	22.85		
10	QPSK	50	0	22.93	23.02	22.90		
10	16QAM	1	0	23.03	23.00	23.00	24	0
10	16QAM	1	25	22.90	22.94	22.85		
10	16QAM	1	49	23.00	22.99	22.92		
10	16QAM	25	0	22.16	22.17	21.88	23	1
10	16QAM	25	12	21.99	22.14	22.17		
10	16QAM	25	25	21.96	22.06	22.06		
10	16QAM	50	0	22.03	22.06	21.99		
10	64QAM	1	0	22.23	22.20	22.17	23	1
10	64QAM	1	25	21.99	21.99	22.12		
10	64QAM	1	49	22.21	22.07	22.15		
10	64QAM	25	0	21.20	21.00	20.91	22	2
10	64QAM	25	12	21.08	21.04	21.06		
10	64QAM	25	25	21.08	20.96	21.15		
10	64QAM	50	0	21.20	21.06	20.90		
10	256QAM	1	0	19.01	19.16	19.09	20	4
10	256QAM	1	25	19.09	19.07	19.05		
10	256QAM	1	49	19.15	18.96	18.96		
10	256QAM	25	0	19.09	19.21	19.10	20	4
10	256QAM	25	12	19.19	19.16	18.99		
10	256QAM	25	25	18.98	19.16	19.02		
10	256QAM	50	0	18.96	19.02	19.13		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.92	22.98	22.91	24	0
5	QPSK	1	12	22.88	22.92	22.92		
5	QPSK	1	24	22.84	22.89	22.83		
5	QPSK	12	0	22.93	23.02	22.88	24	0
5	QPSK	12	7	22.90	22.93	22.84		
5	QPSK	12	13	22.91	22.87	22.79		
5	QPSK	25	0	22.80	22.86	22.88		
5	16QAM	1	0	22.94	22.97	22.86	24	0
5	16QAM	1	12	22.85	22.86	22.77		
5	16QAM	1	24	22.96	22.93	22.88		
5	16QAM	12	0	21.98	22.02	21.80	23	1
5	16QAM	12	7	21.90	22.11	22.06		
5	16QAM	12	13	21.81	21.89	22.03		
5	16QAM	25	0	21.96	22.02	21.86		
5	64QAM	1	0	22.07	22.08	22.06	23	1
5	64QAM	1	12	21.87	21.83	22.03		
5	64QAM	1	24	22.19	21.97	22.03		
5	64QAM	12	0	21.06	20.85	20.80	22	2
5	64QAM	12	7	21.01	20.88	20.95		
5	64QAM	12	13	21.01	20.87	21.05		
5	64QAM	25	0	21.07	20.88	20.75		
5	256QAM	1	0	18.96	19.05	19.06	20	4
5	256QAM	1	12	18.91	18.97	18.93		
5	256QAM	1	24	19.03	18.88	18.82		
5	256QAM	12	0	18.99	19.18	18.99	20	4
5	256QAM	12	7	19.15	19.02	18.84		
5	256QAM	12	13	18.89	19.11	18.87		
5	256QAM	25	0	18.80	18.85	19.01		

Band 25

BW [MHz]	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	26560	
Frequency (MHz)					1880	1880	1905	
20	QPSK	1	0		14.25	14.36	14.28	
20	QPSK	1	49		14.18	14.25	14.11	15.4	0
20	QPSK	1	99		14.11	14.17	14.13	
20	QPSK	50	0		14.16	14.29	14.16	
20	QPSK	50	24		14.05	14.25	14.19	15.4	0
20	QPSK	50	50		14.22	14.25	14.08	
20	QPSK	100	0		14.16	14.19	14.10	
20	16QAM	1	0		14.14	14.34	14.24	
20	16QAM	1	49		14.11	14.18	14.09	15.4	0
20	16QAM	1	99		14.09	14.09	14.10	
20	16QAM	50	0		14.09	14.24	14.12	
20	16QAM	50	24		13.98	14.12	14.06	15.4	0
20	16QAM	50	50		14.18	14.19	13.96	
20	16QAM	100	0		14.08	14.15	14.06	
20	64QAM	1	0		14.18	14.32	14.21	
20	64QAM	1	49		14.05	14.11	14.06	15.4	0
20	64QAM	1	99		13.97	14.10	14.01	
20	64QAM	50	0		14.13	14.17	14.05	
20	64QAM	50	24		14.02	14.16	14.15	15.4	0
20	64QAM	50	50		14.13	14.19	13.96	
20	64QAM	100	0		14.06	14.15	13.97	
20	256QAM	1	0		14.21	14.29	14.14	
20	256QAM	1	49		14.13	14.20	14.03	15.4	0
20	256QAM	1	99		14.09	14.13	14.06	
20	256QAM	50	0		14.10	14.25	14.13	
20	256QAM	50	24		13.97	14.12	14.15	15.4	0
20	256QAM	50	50		14.10	14.21	14.05	
20	256QAM	100	0		14.12	14.15	14.07	
Channel					26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1857.5	1880	1907.5		
15	QPSK	1	0		14.11	14.32	14.18	
15	QPSK	1	37		14.12	14.19	14.06	15.4	0
15	QPSK	1	74		14.08	14.04	14.02	
15	QPSK	36	0		14.11	14.16	14.13	
15	QPSK	36	20		13.92	14.16	14.06	15.4	0
15	QPSK	36	39		14.20	14.16	13.99	
15	QPSK	75	0		14.05	14.15	13.97	
15	16QAM	1	0		14.05	14.24	14.14	
15	16QAM	1	37		14.01	14.13	13.96	15.4	0
15	16QAM	1	74		13.96	14.04	14.02	
15	16QAM	36	0		13.97	14.15	14.08	
15	16QAM	36	20		13.91	14.05	13.92	15.4	0
15	16QAM	36	39		14.14	14.07	13.90	
15	16QAM	75	0		14.06	14.06	14.00	
15	64QAM	1	0		14.15	14.20	14.15	
15	64QAM	1	37		14.02	13.97	13.97	15.4	0
15	64QAM	1	74		13.93	14.03	13.99	
15	64QAM	36	0		14.06	14.13	14.02	
15	64QAM	36	20		13.96	14.11	14.07	15.4	0
15	64QAM	36	39		14.02	14.16	13.84	
15	64QAM	75	0		13.96	14.01	13.85	
15	256QAM	1	0		14.10	14.21	14.10	
15	256QAM	1	37		14.00	14.11	13.89	15.4	0
15	256QAM	1	74		14.02	14.00	13.94	
15	256QAM	36	0		14.01	14.11	14.10	
15	256QAM	36	20		13.93	14.05	14.02	15.4	0
15	256QAM	36	39		14.01	14.16	13.92	
15	256QAM	75	0		14.02	14.02	13.96	
Channel					26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1855	1880	1910	
10	QPSK	1	0		14.17	14.29	14.23	
10	QPSK	1	25		14.15	14.19	14.03	15.4	0
10	QPSK	1	49		14.05	14.13	14.03	
10	QPSK	25	0		14.04	14.19	14.05	
10	QPSK	25	12		13.99	14.20	14.07	15.4	0
10	QPSK	25	25		14.15	14.16	13.96	
10	QPSK	50	0		14.11	14.09	14.04	
10	16QAM	1	0		14.01	14.23	14.13	
10	16QAM	1	25		14.05	14.06	13.99	15.4	0
10	16QAM	1	49		14.03	14.05	14.07	
10	16QAM	25	0		14.00	14.17	14.03	
10	16QAM	25	12		13.85	14.05	13.93	15.4	0
10	16QAM	25	25		14.15	14.08	13.91	
10	16QAM	50	0		13.99	14.05	14.02	
10	64QAM	1	0		14.10	14.25	14.16	
10	64QAM	1	25		13.93	14.00	13.95	15.4	0
10	64QAM	1	49		13.91	14.06	13.93	
10	64QAM	25	0		14.04	14.11	14.02	
10	64QAM	25	12		13.94	14.14	14.04	15.4	0
10	64QAM	25	25		14.08	14.09	13.91	
10	64QAM	50	0		14.02	14.07	13.92	
10	256QAM	1	0		14.10	14.25	14.00	
10	256QAM	1	25		14.02	14.07	13.98	15.4	0
10	256QAM	1	49		14.03	14.01	14.04	
10	256QAM	25	0		14.06	14.13	14.07	
10	256QAM	25	12		13.91	13.99	14.03	15.4	0
10	256QAM	25	25		13.98	14.12	14.01	
10	256QAM	50	0		14.08	14.10	14.00	
Channel					26055	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1852.5	1880	1912.5		
5	QPSK	1	0		14.12	14.29	14.23	
5	QPSK	1	12		14.13	14.22	14.03	15.4	0
5	QPSK	1	24		14.05	14.10	14.08	
5	QPSK	12	0		14.03	14.22	14.09	
5	QPSK	12	7		13.98	14.16	14.10	15.4	0
5	QPSK	12	13		14.13	14.14	14.04	
5	QPSK	25	0		14.11	14.10	14.04	
5	16QAM	1	0		14.06	14.29	14.20	
5	16QAM	1	12		14.09	14.16	14.03	15.4	0
5	16QAM	1	24		13.98	14.01	13.97	
5	16QAM	12	0		13.98	14.15	14.10	
5	16QAM	12	7		13.91	13.99	13.96	15.4	0
5	16QAM	12	13		14.05	14.09	13.86	
5	16QAM	25	0		14.01	14.03	14.04	
5	64QAM	1	0		14.07	14.25	14.16	
5	64QAM	1	12		13.98	14.05	13.94	15.4	0
5	64QAM	1	24		13.90	13.99	13.98	
5	64QAM	12	0		13.99	14.04	13.98	
5	64QAM	12	7		13.94	14.06	14.05	15.4	0
5	64QAM	12	13		14.10	14.10	13.89	
5	64QAM	25	0		13.95	14.02	13.85	
5	256QAM	1	0		14.17	14.26	14.01	
5	256QAM	1	12		14.06	14.15	13.95	15.4	0
5	256QAM	1	24		14.03	14.01	14.02	
5	256QAM	12	0		14.02	14.16	13.99	
5	256QAM	12	7		13.87	14.02	14.09	15.4	0
5	256QAM	12	13		14.00	14.16	13.92	
5	256QAM	25	0		14.07	14.10	14.01	
Channel					26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1851.5	1880	1913.5		
3	QPSK	1	0		14.20	14.27	14.26	
3	QPSK	1	8		14.14	14.16	13.98	15.4	0
3	QPSK	1	14		14.04	14.04	14.10	
3	QPSK	8	0		14.06	14.17	14.03	
3	QPSK	8	4		13.91	14.19	14.15	15.4	0
3	QPSK	8	7		14.12	14.11	14.02	
3	QPSK	15	0		14.04	14.14	13.97	
3	16QAM	1	0		14.10	14.29	14.16	
3	16QAM	1	8		14.03	14.07	14.07	15.4	0
3	16QAM	1	14		13.98	14.00	14.01	
3	16QAM	8	0		14.03	14.21	14.05	
3	16QAM	8	4		13.92	14.00	14.04	15.4	0
3	16QAM	8	7		14.09	14.14	13.88	
3	16QAM	15	0		13.94	14.11	14.03	
3	64QAM	1	0		14.13	14.24	14.18	
3	64QAM	1	8		13.94	13.99	13.95	15.4	0
3	64QAM	1	14		13.88	14.04	13.91	
3	64QAM	8	0		14.06	14.04	14.03	
3	64QAM	8	4		13.94	14.07	14.10	15.4	0
3	64QAM	8	7		14.02	14.14	13.82	
3	64QAM	15	0		14.03	14.06	13.95	
3	256QAM	1	0		14.14	14.23	14.06	
3	256QAM	1	8		14.02	14.11	13.92	15.4	0
3	256QAM	1	14		14.00	14.02	14.00	
3	256QAM	8	0		13.97	14.14	14.07	
3	256QAM	8	4		13.95	14.02	14.09	15.4	0
3	256QAM	8	7		14.00	14.08	13.96	
3	256QAM	15	0		14.05	14.12	13.98	
Channel					26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					1850.7	1880	1914.3		
1.4	QPSK	1	0		14.14	14.23	14.21	
1.4	QPSK	1	3		14.15	14.15	14.07	
1.4	QPSK	1	5		14.08	14.14	14.06	15.4	0
1.4	QPSK	3	0		14.05	14.21	14.08	
1.4	QPSK	3	1		13.96	14.13	14.13	
1.4	QPSK	3	3		14.09	14.21	13.99	
1.4	QPSK	6	0		14.05	14.10	14.03	15.4	0
1.4	16QAM	1	0		14.01	14.30	14.16	
1.4	16QAM	1	3		14.09	14.15	14.05	
1.4	16QAM	1	5		13.97	13.95	13.98	15.4	0
1.4	16QAM	3	0		14.05	14.18	14.04	
1.4	16QAM	3	1		13.90	14.05	14.01	
1.4	16QAM	3	3		14.12	14.08	13.92	
1.4	16QAM	6	0		14.03	14.02	13.93	15.4	0
1.4	64QAM	1	0		14.10	14.18	14.18	
1.4	64QAM	1	3		13.95	14.00	14.02	
1.4	64QAM	1	5		13.91	14.05	13.96	15.4	0
1.4	64QAM	3	0		14.10	14.13	13.95	
1.4	64QAM	3	1		13.97	14.05	14.11	
1.4	64QAM	3	3		14.01	14.16	13.89	
1.4	64QAM	6	0		14.03	14.01	13.83	15.4	0
1.4	256QAM	1	0		14.16	14.18	14.11	
1.4	256QAM	1	3		13.99	14.10	13.96	
1.4	256QAM	1	5		13.99	14.04	13.93	15.4	0
1.4	256QAM	3	0		14.03	14.15	14.07	
1.4	256QAM	3	1		13.86	14.00	14.09	
1.4	256QAM	3	3		14.00	14.12	13.96	
1.4	256QAM	6	0		14.08	14.10	14.01	15.4	0

Band 26 for FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.76	22.94	22.75	24	0
15	QPSK	1	37	22.69	22.85	22.61		
15	QPSK	1	74	22.71	22.91	22.68		
15	QPSK	36	0	22.66	22.90	22.61	24	0
15	QPSK	36	20	22.58	22.82	22.60		
15	QPSK	36	39	22.68	22.84	22.61		
15	QPSK	75	0	22.63	22.87	22.68		
15	16QAM	1	0	22.62	22.78	22.58	24	0
15	16QAM	1	37	22.59	22.89	22.65		
15	16QAM	1	74	22.64	22.82	22.73		
15	16QAM	36	0	21.74	21.82	21.82	23	1
15	16QAM	36	20	21.64	22.00	21.66		
15	16QAM	36	39	21.65	22.00	21.65		
15	16QAM	75	0	21.70	22.09	21.83		
15	64QAM	1	0	21.65	21.91	21.67	23	1
15	64QAM	1	37	21.75	21.90	21.89		
15	64QAM	1	74	21.81	22.09	21.77		
15	64QAM	36	0	20.77	20.85	20.60	22	2
15	64QAM	36	20	20.61	20.80	20.85		
15	64QAM	36	39	20.67	20.93	20.86		
15	64QAM	75	0	20.90	21.09	20.67		
15	256QAM	1	0	18.83	18.97	18.78	20	4
15	256QAM	1	37	18.77	18.96	18.73		
15	256QAM	1	74	18.66	19.04	18.83		
15	256QAM	36	0	18.68	18.88	18.66	20	4
15	256QAM	36	20	18.90	19.06	18.63		
15	256QAM	36	39	18.61	19.09	18.61		
15	256QAM	75	0	18.82	19.00	18.66		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.59	22.87	22.60	24	0
10	QPSK	1	25	22.61	22.82	22.44		
10	QPSK	1	49	22.69	22.74	22.64		
10	QPSK	25	0	22.54	22.74	22.55	24	0
10	QPSK	25	12	22.55	22.80	22.43		
10	QPSK	25	25	22.53	22.72	22.55		
10	QPSK	50	0	22.57	22.79	22.65		
10	16QAM	1	0	22.60	22.62	22.46	24	0
10	16QAM	1	25	22.44	22.75	22.49		
10	16QAM	1	49	22.55	22.75	22.59		
10	16QAM	25	0	21.67	21.73	21.65	23	1
10	16QAM	25	12	21.51	21.96	21.60		
10	16QAM	25	25	21.48	21.97	21.51		
10	16QAM	50	0	21.66	22.07	21.81		
10	64QAM	1	0	21.60	21.78	21.61	23	1
10	64QAM	1	25	21.57	21.84	21.77		
10	64QAM	1	49	21.77	22.04	21.64		
10	64QAM	25	0	20.61	20.76	20.48	22	2
10	64QAM	25	12	20.49	20.72	20.72		
10	64QAM	25	25	20.64	20.82	20.69		
10	64QAM	50	0	20.81	20.93	20.56		
10	256QAM	1	0	18.76	18.92	18.69	20	4
10	256QAM	1	25	18.65	18.89	18.55		
10	256QAM	1	49	18.56	18.95	18.78		
10	256QAM	25	0	18.66	18.83	18.58	20	4
10	256QAM	25	12	18.85	18.93	18.52		
10	256QAM	25	25	18.53	18.92	18.56		
10	256QAM	50	0	18.69	18.92	18.51		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.67	22.91	22.63	24	0
5	QPSK	1	12	22.59	22.68	22.51		
5	QPSK	1	24	22.62	22.86	22.59		
5	QPSK	12	0	22.61	22.77	22.48	24	0
5	QPSK	12	7	22.43	22.76	22.47		
5	QPSK	12	13	22.64	22.68	22.52		
5	QPSK	25	0	22.56	22.73	22.64		
5	16QAM	1	0	22.48	22.67	22.56	24	0
5	16QAM	1	12	22.44	22.78	22.49		
5	16QAM	1	24	22.60	22.68	22.61		
5	16QAM	12	0	21.61	21.69	21.65	23	1
5	16QAM	12	7	21.49	21.94	21.58		
5	16QAM	12	13	21.49	21.83	21.59		
5	16QAM	25	0	21.53	21.92	21.72		
5	64QAM	1	0	21.60	21.85	21.61	23	1
5	64QAM	1	12	21.63	21.80	21.72		
5	64QAM	1	24	21.71	22.01	21.63		
5	64QAM	12	0	20.73	20.67	20.43	22	2
5	64QAM	12	7	20.56	20.74	20.78		
5	64QAM	12	13	20.54	20.89	20.80		
5	64QAM	25	0	20.79	20.96	20.56		
5	256QAM	1	0	18.68	18.87	18.72	20	4
5	256QAM	1	12	18.69	18.83	18.59		
5	256QAM	1	24	18.55	18.90	18.78		
5	256QAM	12	0	18.83	18.93	18.73	20	4
5	256QAM	12	7	18.74	18.87	18.87		
5	256QAM	12	13	18.70	18.99	18.90		
5	256QAM	25	0	18.67	18.98	18.58		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.73	22.88	22.72	24	0
3	QPSK	1	8	22.57	22.72	22.58		
3	QPSK	1	14	22.59	22.81	22.54		
3	QPSK	8	0	22.50	22.74	22.56	24	0
3	QPSK	8	4	22.43	22.73	22.54		
3	QPSK	8	7	22.63	22.77	22.44		
3	QPSK	15	0	22.58	22.81	22.58		
3	16QAM	1	0	22.56	22.66	22.46	24	0
3	16QAM	1	8	22.54	22.73	22.47		
3	16QAM	1	14	22.51	22.75	22.70		
3	16QAM	8	0	21.63	21.66	21.79	23	1
3	16QAM	8	4	21.54	21.86	21.62		
3	16QAM	8	7	21.54	21.82	21.58		
3	16QAM	15	0	21.54	21.95	21.69		
3	64QAM	1	0	21.58	21.74	21.57	23	1
3	64QAM	1	8	21.66	21.73	21.77		
3	64QAM	1	14	21.73	22.06	21.61		
3	64QAM	8	0	20.70	20.71	20.52	22	2
3	64QAM	8	4	20.47	20.64	20.79		
3	64QAM	8	7	20.50	20.83	20.80		
3	64QAM	15	0	20.85	21.03	20.60		
3	256QAM	1	0	18.70	18.90	18.64	20	4
3	256QAM	1	8	18.67	18.85	18.65		
3	256QAM	1	14	18.55	18.90	18.80		
3	256QAM	8	0	18.66	18.86	18.79	20	4
3	256QAM	8	4	18.67	19.00	18.75		
3	256QAM	8	7	18.68	18.89	18.62		
3	256QAM	15	0	18.70	18.91	18.60		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.71	22.79	22.70	24	0
1.4	QPSK	1	3	22.59	22.92	22.69		
1.4	QPSK	1	5	22.62	22.83	22.59		
1.4	QPSK	3	0	22.63	22.87	22.68		
1.4	QPSK	3	1	22.65	22.80	22.60		
1.4	QPSK	3	3	22.67	22.83	22.73		
1.4	QPSK	6	0	22.71	22.83	22.66	24	0
1.4	16QAM	1	0	22.73	22.86	22.72	24	0
1.4	16QAM	1	3	22.63	22.90	22.65		
1.4	16QAM	1	5	22.60	22.77	22.71		
1.4	16QAM	3	0	22.71	22.89	22.60		
1.4	16QAM	3	1	22.73	22.83	22.67		
1.4	16QAM	3	3	22.66	22.82	22.58		
1.4	16QAM	6	0	21.87	21.80	21.79	23	1
1.4	64QAM	1	0	21.87	21.86	21.66	23	1
1.4	64QAM	1	3	21.76	22.07	21.75		
1.4	64QAM	1	5	21.71	22.04	21.66		
1.4	64QAM	3	0	21.66	21.84	21.82		
1.4	64QAM	3	1	21.77	21.98	21.77		
1.4	64QAM	3	3	21.74	21.81	21.83		
1.4	64QAM	6	0	20.69	21.03	20.86	22	2
1.4	256QAM	1	0	18.68	18.84	18.68	20	4
1.4	256QAM	1	3	18.82	18.81	18.88		
1.4	256QAM	1	5	18.77	18.90	18.69		
1.4	256QAM	3	0	18.81	19.06	18.75		
1.4	256QAM	3	1	18.89	18.83	18.60		
1.4	256QAM	3	3	18.86	18.97	18.81		
1.4	256QAM	6	0	18.84	18.91	18.79	20	4

Band 66

BW [MHz]	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	17.51	17.60	17.36	19	0
20	QPSK	1	49	17.44	17.48	17.33		
20	QPSK	1	99	17.40	17.35	17.36		
20	QPSK	50	0	17.50	17.52	17.29	19	0
20	QPSK	50	24	17.39	17.41	17.37		
20	QPSK	50	50	17.26	17.45	17.31		
20	QPSK	100	0	17.29	17.32	17.28		
20	16QAM	1	0	17.38	17.47	17.29	19	0
20	16QAM	1	49	17.31	17.42	17.28		
20	16QAM	1	99	17.38	17.22	17.22		
20	16QAM	50	0	17.43	17.47	17.26	19	0
20	16QAM	50	24	17.30	17.32	17.24		
20	16QAM	50	50	17.20	17.41	17.19		
20	16QAM	100	0	17.26	17.26	17.20		
20	64QAM	1	0	17.47	17.46	17.30	19	0
20	64QAM	1	49	17.36	17.35	17.21		
20	64QAM	1	99	17.28	17.25	17.26		
20	64QAM	50	0	17.37	17.40	17.19	19	0
20	64QAM	50	24	17.35	17.37	17.28		
20	64QAM	50	50	17.20	17.39	17.21		
20	64QAM	100	0	17.17	17.29	17.23		
20	256QAM	1	0	17.42	17.55	17.34	19	0
20	256QAM	1	49	17.33	17.41	17.20		
20	256QAM	1	99	17.38	17.22	17.31		
20	256QAM	50	0	17.39	17.46	17.19	19	0
20	256QAM	50	24	17.33	17.35	17.23		
20	256QAM	50	50	17.15	17.42	17.25		
20	256QAM	100	0	17.19	17.26	17.16		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.49	17.49	17.32	19	0
15	QPSK	1	37	17.41	17.40	17.24		
15	QPSK	1	74	17.28	17.28	17.28		
15	QPSK	36	0	17.42	17.43	17.19	19	0
15	QPSK	36	20	17.29	17.38	17.31		
15	QPSK	36	39	17.15	17.40	17.23		
15	QPSK	75	0	17.21	17.23	17.23		
15	16QAM	1	0	17.30	17.34	17.23	19	0
15	16QAM	1	37	17.27	17.29	17.21		
15	16QAM	1	74	17.30	17.16	17.18		
15	16QAM	36	0	17.32	17.44	17.20	19	0
15	16QAM	36	20	17.21	17.26	17.18		
15	16QAM	36	39	17.07	17.36	17.15		
15	16QAM	75	0	17.14	17.12	17.08		
15	64QAM	1	0	17.40	17.37	17.22	19	0
15	64QAM	1	37	17.26	17.30	17.13		
15	64QAM	1	74	17.22	17.22	17.17		
15	64QAM	36	0	17.25	17.33	17.14	19	0
15	64QAM	36	20	17.31	17.33	17.18		
15	64QAM	36	39	17.13	17.29	17.19		
15	64QAM	75	0	17.08	17.16	17.11		
15	256QAM	1	0	17.31	17.46	17.29	19	0
15	256QAM	1	37	17.28	17.38	17.08		
15	256QAM	1	74	17.27	17.18	17.24		
15	256QAM	36	0	17.36	17.39	17.10	19	0
15	256QAM	36	20	17.26	17.21	17.11		
15	256QAM	36	39	17.04	17.31	17.21		
15	256QAM	75	0	17.10	17.14	17.06		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.38	17.48	17.30	19	0
10	QPSK	1	25	17.34	17.46	17.26		
10	QPSK	1	49	17.38	17.25	17.24		
10	QPSK	25	0	17.40	17.48	17.20	19	0
10	QPSK	25	12	17.36	17.36	17.32		
10	QPSK	25	25	17.19	17.41	17.24		
10	QPSK	50	0	17.25	17.26	17.18		
10	16QAM	1	0	17.24	17.40	17.19	19	0
10	16QAM	1	25	17.27	17.36	17.20		
10	16QAM	1	49	17.32	17.13	17.10		
10	16QAM	25	0	17.31	17.42	17.21	19	0
10	16QAM	25	12	17.17	17.24	17.19		
10	16QAM	25	25	17.14	17.36	17.13		
10	16QAM	50	0	17.16	17.15	17.15		
10	64QAM	1	0	17.38	17.41	17.25	19	0
10	64QAM	1	25	17.28	17.30	17.14		
10	64QAM	1	49	17.18	17.17	17.16		
10	64QAM	25	0	17.29	17.36	17.11	19	0
10	64QAM	25	12	17.28	17.23	17.25		
10	64QAM	25	25	17.08	17.32	17.17		
10	64QAM	50	0	17.14	17.19	17.11		
10	256QAM	1	0	17.29	17.50	17.30	19	0
10	256QAM	1	25	17.28	17.30	17.16		
10	256QAM	1	49	17.33	17.18	17.26		
10	256QAM	25	0	17.36	17.36	17.06	19	0
10	256QAM	25	12	17.21	17.33	17.10		
10	256QAM	25	25	17.13	17.34	17.22		
10	256QAM	50	0	17.17	17.22	17.07		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.47	17.48	17.26	19	0
5	QPSK	1	12	17.32	17.36	17.20		
5	QPSK	1	24	17.34	17.22	17.25		
5	QPSK	12	0	17.41	17.39	17.24	19	0
5	QPSK	12	7	17.30	17.29	17.32		
5	QPSK	12	13	17.24	17.42	17.20		
5	QPSK	25	0	17.27	17.27	17.25		
5	16QAM	1	0	17.31	17.41	17.18	19	0
5	16QAM	1	12	17.25	17.29	17.22		
5	16QAM	1	24	17.31	17.11	17.15		
5	16QAM	12	0	17.40	17.41	17.20	19	0
5	16QAM	12	7	17.16	17.29	17.22		
5	16QAM	12	13	17.15	17.31	17.15		
5	16QAM	25	0	17.15	17.13	17.14		
5	64QAM	1	0	17.36	17.40	17.25	19	0
5	64QAM	1	12	17.33	17.22	17.12		
5	64QAM	1	24	17.20	17.17	17.16		
5	64QAM	12	0	17.24	17.30	17.06	19	0
5	64QAM	12	7	17.26	17.34	17.15		
5	64QAM	12	13	17.15	17.29	17.10		
5	64QAM	25	0	17.03	17.24	17.20		
5	256QAM	1	0	17.28	17.45	17.29	19	0
5	256QAM	1	12	17.22	17.36	17.15		
5	256QAM	1	24	17.33	17.18	17.26		
5	256QAM	12	0	17.36	17.43	17.12	19	0
5	256QAM	12	7	17.25	17.29	17.09		
5	256QAM	12	13	17.02	17.30	17.11		
5	256QAM	25	0	17.07	17.20	17.05		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.45	17.52	17.25	19	0
3	QPSK	1	8	17.41	17.40	17.22		
3	QPSK	1	14	17.27	17.29	17.25		
3	QPSK	8	0	17.44	17.49	17.18	19	0
3	QPSK	8	4	17.35	17.38	17.25		
3	QPSK	8	7	17.24	17.38	17.18		
3	QPSK	15	0	17.25	17.19	17.24		
3	16QAM	1	0	17.32	17.41	17.23	19	0
3	16QAM	1	8	17.21	17.39	17.26		
3	16QAM	1	14	17.28	17.14	17.19		
3	16QAM	8	0	17.39	17.37	17.18	19	0
3	16QAM	8	4	17.27	17.27	17.14		
3	16QAM	8	7	17.08	17.30	17.13		
3	16QAM	15	0	17.15	17.19	17.15		
3	64QAM	1	0	17.37	17.40	17.20	19	0
3	64QAM	1	8	17.26	17.24	17.09		
3	64QAM	1	14	17.18	17.15	17.16		
3	64QAM	8	0	17.31	17.37	17.10	19	0
3	64QAM	8	4	17.27	17.31	17.20		
3	64QAM	8	7	17.12	17.27	17.11		
3	64QAM	15	0	17.06	17.20	17.10		
3	256QAM	1	0	17.40	17.48	17.22	19	0
3	256QAM	1	8	17.27	17.38	17.17		
3	256QAM	1	14	17.26	17.12	17.27		
3	256QAM	8	0	17.31	17.33	17.16	19	0
3	256QAM	8	4	17.21	17.33	17.15		
3	256QAM	8	7	17.08	17.29	17.22		
3	256QAM	15	0	17.08	17.14	17.10		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.45	17.46	17.27	19	0
1.4	QPSK	1	3	17.32	17.44	17.25		
1.4	QPSK	1	5	17.29	17.22	17.31		
1.4	QPSK	3	0	17.45	17.46	17.23		
1.4	QPSK	3	1	17.26	17.32	17.23		
1.4	QPSK	3	3	17.18	17.41	17.22		
1.4	QPSK	6	0	17.17	17.24	17.17	19	0
1.4	16QAM	1	0	17.29	17.34	17.24	19	0
1.4	16QAM	1	3	17.20	17.38	17.22		
1.4	16QAM	1	5	17.35	17.15	17.19		
1.4	16QAM	3	0	17.38	17.40	17.20		
1.4	16QAM	3	1	17.22	17.22	17.14		
1.4	16QAM	3	3	17.17	17.30	17.12		
1.4	16QAM	6	0	17.14	17.19	17.10	19	0
1.4	64QAM	1	0	17.43	17.40	17.26	19	0
1.4	64QAM	1	3	17.26	17.32	17.08		
1.4	64QAM	1	5	17.21	17.20	17.22		
1.4	64QAM	3	0	17.31	17.38	17.17		
1.4	64QAM	3	1	17.27	17.34	17.20		
1.4	64QAM	3	3	17.16	17.26	17.11		
1.4	64QAM	6	0	17.03	17.17	17.17	19	0
1.4	256QAM	1	0	17.31	17.42	17.28	19	0
1.4	256QAM	1	3	17.24	17.32	17.09		
1.4	256QAM	1	5	17.26	17.20	17.25		
1.4	256QAM	3	0	17.28	17.41	17.09		
1.4	256QAM	3	1	17.27	17.26	17.17		
1.4	256QAM	3	3	17.13	17.40	17.23		
1.4	256QAM	6	0	17.07	17.18	17.14	19	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	22.82	22.98	22.91	24	0
20	QPSK	1	49	22.70	22.83	22.83		
20	QPSK	1	99	22.79	22.88	22.78		
20	QPSK	50	0	22.66	22.89	22.78	24	0
20	QPSK	50	24	22.80	22.86	22.80		
20	QPSK	50	50	22.68	22.88	22.87		
20	QPSK	100	0	22.78	22.85	22.83		
20	16QAM	1	0	22.77	22.92	22.77	24	0
20	16QAM	1	49	22.75	22.83	22.79		
20	16QAM	1	99	22.79	22.86	22.88		
20	16QAM	50	0	21.78	21.83	21.83	23	1
20	16QAM	50	24	21.94	21.95	21.90		
20	16QAM	50	50	21.91	21.90	21.96		
20	16QAM	100	0	21.94	22.07	22.01		
20	64QAM	1	0	21.83	21.99	21.81	23	1
20	64QAM	1	49	21.84	22.10	21.78		
20	64QAM	1	99	21.78	22.03	21.94		
20	64QAM	50	0	20.84	21.10	21.01	22	2
20	64QAM	50	24	20.96	20.92	20.95		
20	64QAM	50	50	20.86	21.03	20.94		
20	64QAM	100	0	20.87	20.93	20.99		
20	256QAM	1	0	18.79	18.88	18.82	20	4
20	256QAM	1	49	18.95	19.09	18.92		
20	256QAM	1	99	18.90	19.11	18.94		
20	256QAM	50	0	18.68	19.07	18.92	20	4
20	256QAM	50	24	18.80	19.11	18.95		
20	256QAM	50	50	18.89	19.09	19.04		
20	256QAM	100	0	18.82	18.84	18.90		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.77	22.88	22.74	24	0
15	QPSK	1	37	22.67	22.67	22.69		
15	QPSK	1	74	22.72	22.83	22.71		
15	QPSK	36	0	22.48	22.73	22.69	24	0
15	QPSK	36	20	22.76	22.73	22.65		
15	QPSK	36	39	22.62	22.71	22.69		
15	QPSK	75	0	22.64	22.81	22.81		
15	16QAM	1	0	22.70	22.87	22.64	24	0
15	16QAM	1	37	22.67	22.78	22.70		
15	16QAM	1	74	22.67	22.68	22.75		
15	16QAM	36	0	21.61	21.75	21.77	23	1
15	16QAM	36	20	21.90	21.91	21.82		
15	16QAM	36	39	21.82	21.78	21.81		
15	16QAM	75	0	21.91	22.03	21.91		
15	64QAM	1	0	21.79	21.94	21.78	23	1
15	64QAM	1	37	21.70	21.98	21.75		
15	64QAM	1	74	21.69	21.93	21.85		
15	64QAM	36	0	20.72	20.99	20.93	22	2
15	64QAM	36	20	20.79	20.87	20.78		
15	64QAM	36	39	20.79	20.90	20.83		
15	64QAM	75	0	20.84	20.84	20.92		
15	256QAM	1	0	18.76	18.74	18.75	20	4
15	256QAM	1	37	18.88	18.96	18.80		
15	256QAM	1	74	18.83	19.06	18.84		
15	256QAM	36	0	18.61	18.96	18.88	20	4
15	256QAM	36	20	18.72	19.06	18.86		
15	256QAM	36	39	18.79	18.94	18.90		
15	256QAM	75	0	18.70	18.71	18.77		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.71	22.93	22.75	24	0
10	QPSK	1	25	22.53	22.68	22.75		
10	QPSK	1	49	22.63	22.81	22.64		
10	QPSK	25	0	22.61	22.73	22.73	24	0
10	QPSK	25	12	22.71	22.74	22.77		
10	QPSK	25	25	22.64	22.76	22.73		
10	QPSK	50	0	22.70	22.82	22.75		
10	16QAM	1	0	22.64	22.90	22.61	24	0
10	16QAM	1	25	22.59	22.65	22.75		
10	16QAM	1	49	22.76	22.77	22.80		
10	16QAM	25	0	21.71	21.77	21.67	23	1
10	16QAM	25	12	21.86	21.85	21.75		
10	16QAM	25	25	21.75	21.82	21.91		
10	16QAM	50	0	21.86	21.92	21.94		
10	64QAM	1	0	21.73	21.92	21.68	23	1
10	64QAM	1	25	21.73	22.00	21.72		
10	64QAM	1	49	21.68	21.96	21.88		
10	64QAM	25	0	20.70	21.06	20.95	22	2
10	64QAM	25	12	20.87	20.86	20.78		
10	64QAM	25	25	20.70	21.00	20.84		
10	64QAM	50	0	20.70	20.91	20.88		
10	256QAM	1	0	18.65	18.74	18.67	20	4
10	256QAM	1	25	18.83	18.93	18.82		
10	256QAM	1	49	18.77	19.08	18.90		
10	256QAM	25	0	18.61	19.04	18.80	20	4
10	256QAM	25	12	18.70	18.93	18.80		
10	256QAM	25	25	18.79	18.94	18.92		
10	256QAM	50	0	18.70	18.74	18.86		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.69	22.87	22.79	24	0
5	QPSK	1	12	22.66	22.73	22.76		
5	QPSK	1	24	22.73	22.78	22.71		
5	QPSK	12	0	22.61	22.80	22.64	24	0
5	QPSK	12	7	22.67	22.79	22.70		
5	QPSK	12	13	22.61	22.76	22.78		
5	QPSK	25	0	22.70	22.80	22.72		
5	16QAM	1	0	22.73	22.87	22.66	24	0
5	16QAM	1	12	22.63	22.70	22.72		
5	16QAM	1	24	22.70	22.83	22.84		
5	16QAM	12	0	21.75	21.79	21.66	23	1
5	16QAM	12	7	21.78	21.89	21.79		
5	16QAM	12	13	21.76	21.76	21.93		
5	16QAM	25	0	21.91	22.02	21.86		
5	64QAM	1	0	21.67	21.95	21.73	23	1
5	64QAM	1	12	21.79	21.96	21.61		
5	64QAM	1	24	21.74	21.98	21.87		
5	64QAM	12	0	20.75	21.07	20.93	22	2
5	64QAM	12	7	20.79	20.77	20.78		
5	64QAM	12	13	20.72	20.91	20.92		
5	64QAM	25	0	20.77	20.86	20.90		
5	256QAM	1	0	18.69	18.86	18.75	20	4
5	256QAM	1	12	18.90	18.97	18.86		
5	256QAM	1	24	18.82	19.05	18.83		
5	256QAM	12	0	18.62	18.98	18.88	20	4
5	256QAM	12	7	18.70	19.03	18.79		
5	256QAM	12	13	18.84	18.96	18.95		
5	256QAM	25	0	18.74	18.77	18.79		

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	14.77	14.76	14.67	16.10	15.23	15.15	15.14	16.90	20.49	20.38	20.47	21.20
3GPP Rel 99	RMC 12.2Kbps	14.91	14.93	14.63	16.10	15.21	15.29	15.24	16.90	20.46	20.52	20.48	21.20
3GPP Rel 6	HSDPA Subtest-1	13.81	13.86	13.94	15.10	14.19	14.15	14.29	15.90	19.60	19.65	19.66	20.20
3GPP Rel 6	HSDPA Subtest-2	13.77	14.04	13.71	15.10	14.32	14.37	14.10	15.90	19.43	19.66	19.58	20.20
3GPP Rel 6	HSDPA Subtest-3	13.36	13.45	13.46	14.60	13.77	13.89	13.67	15.40	18.93	19.13	18.95	19.70
3GPP Rel 6	HSDPA Subtest-4	13.39	13.41	13.35	14.60	13.87	13.69	13.86	15.40	19.05	19.08	19.20	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	13.98	13.77	13.78	15.10	14.37	14.38	14.28	15.90	19.59	19.45	19.63	20.20
3GPP Rel 8	DC-HSDPA Subtest-2	13.88	13.83	13.72	15.10	14.27	14.38	14.33	15.90	19.40	19.53	19.64	20.20
3GPP Rel 8	DC-HSDPA Subtest-3	13.40	13.31	13.36	14.60	13.95	13.94	13.68	15.40	19.09	19.24	19.03	19.70
3GPP Rel 8	DC-HSDPA Subtest-4	13.29	13.32	13.30	14.60	13.86	13.91	13.95	15.40	19.05	19.04	18.98	19.70
3GPP Rel 6	HSUPA Subtest-1	13.89	13.75	13.74	15.10	14.24	14.43	14.38	15.90	19.50	19.47	19.43	20.20
3GPP Rel 6	HSUPA Subtest-2	11.93	11.97	11.69	13.10	12.35	12.24	12.34	13.90	17.46	17.47	17.54	18.20
3GPP Rel 6	HSUPA Subtest-3	12.96	12.88	12.72	14.10	13.17	13.16	13.34	14.90	18.55	18.66	18.67	19.20
3GPP Rel 6	HSUPA Subtest-4	11.96	12.00	11.80	13.10	12.16	12.47	12.35	13.90	17.61	17.64	17.63	18.20
3GPP Rel 6	HSUPA Subtest-5	13.90	13.83	13.84	15.10	14.26	14.37	14.19	15.90	19.64	19.51	19.63	20.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	11.46	11.39	11.36	12.60	11.92	11.80	11.82	13.40	17.04	17.12	17.11	17.70

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.39	14.44	14.42	15.9	0
20	QPSK	1	49	14.16	14.35	14.32		
20	QPSK	1	99	14.25	14.33	14.21		
20	QPSK	50	0	14.25	14.42	14.37	15.9	0
20	QPSK	50	24	14.40	14.35	14.34		
20	QPSK	50	50	14.28	14.40	14.21		
20	QPSK	100	0	14.29	14.36	14.34		
20	16QAM	1	0	14.31	14.31	14.38	15.9	0
20	16QAM	1	49	14.06	14.30	14.22		
20	16QAM	1	99	14.19	14.30	14.12		
20	16QAM	50	0	14.17	14.36	14.32	15.9	0
20	16QAM	50	24	14.32	14.23	14.29		
20	16QAM	50	50	14.15	14.36	14.13		
20	16QAM	100	0	14.17	14.34	14.28		
20	64QAM	1	0	14.25	14.41	14.32	15.9	0
20	64QAM	1	49	14.08	14.30	14.21		
20	64QAM	1	99	14.16	14.26	14.19		
20	64QAM	50	0	14.13	14.32	14.26	15.9	0
20	64QAM	50	24	14.30	14.27	14.25		
20	64QAM	50	50	14.20	14.37	14.09		
20	64QAM	100	0	14.19	14.24	14.21		
20	256QAM	1	0	14.29	14.31	14.32	15.9	0
20	256QAM	1	49	14.04	14.23	14.28		
20	256QAM	1	99	14.19	14.23	14.16		
20	256QAM	50	0	14.14	14.34	14.32	15.9	0
20	256QAM	50	24	14.35	14.26	14.29		
20	256QAM	50	50	14.26	14.36	14.08		
20	256QAM	100	0	14.25	14.31	14.24		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.30	14.39	14.36	15.9	0
15	QPSK	1	37	14.10	14.22	14.28		
15	QPSK	1	74	14.15	14.29	14.17		
15	QPSK	36	0	14.12	14.29	14.25	15.9	0
15	QPSK	36	20	14.31	14.32	14.30		
15	QPSK	36	39	14.14	14.28	14.12		
15	QPSK	75	0	14.22	14.31	14.32		
15	16QAM	1	0	14.33	14.39	14.34	15.9	0
15	16QAM	1	37	14.10	14.33	14.25		
15	16QAM	1	74	14.13	14.23	14.16		
15	16QAM	36	0	14.15	14.29	14.34	15.9	0
15	16QAM	36	20	14.31	14.30	14.23		
15	16QAM	36	39	14.15	14.30	14.17		
15	16QAM	75	0	14.25	14.30	14.23		
15	64QAM	1	0	14.35	14.33	14.36	15.9	0
15	64QAM	1	37	14.08	14.23	14.24		
15	64QAM	1	74	14.20	14.22	14.09		
15	64QAM	36	0	14.12	14.32	14.34	15.9	0
15	64QAM	36	20	14.33	14.33	14.26		
15	64QAM	36	39	14.25	14.27	14.09		
15	64QAM	75	0	14.18	14.33	14.31		
15	256QAM	1	0	14.29	14.33	14.29	15.9	0
15	256QAM	1	37	14.07	14.23	14.21		
15	256QAM	1	74	14.18	14.21	14.15		
15	256QAM	36	0	14.17	14.38	14.28	15.9	0
15	256QAM	36	20	14.27	14.26	14.31		
15	256QAM	36	39	14.25	14.27	14.15		
15	256QAM	75	0	14.24	14.32	14.21		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.30	14.40	14.33	15.9	0
10	QPSK	1	25	14.11	14.33	14.20		
10	QPSK	1	49	14.14	14.21	14.15		
10	QPSK	25	0	14.19	14.36	14.34	15.9	0
10	QPSK	25	12	14.33	14.26	14.27		
10	QPSK	25	25	14.18	14.29	14.09		
10	QPSK	50	0	14.18	14.30	14.30		
10	16QAM	1	0	14.29	14.37	14.28	15.9	0
10	16QAM	1	25	14.07	14.31	14.22		
10	16QAM	1	49	14.20	14.26	14.09		
10	16QAM	25	0	14.18	14.35	14.26	15.9	0
10	16QAM	25	12	14.31	14.29	14.23		
10	16QAM	25	25	14.23	14.34	14.12		
10	16QAM	50	0	14.23	14.26	14.26		
10	64QAM	1	0	14.29	14.33	14.39	15.9	0
10	64QAM	1	25	14.04	14.29	14.23		
10	64QAM	1	49	14.13	14.27	14.12		
10	64QAM	25	0	14.19	14.34	14.28	15.9	0
10	64QAM	25	12	14.26	14.26	14.30		
10	64QAM	25	25	14.24	14.32	14.17		
10	64QAM	50	0	14.23	14.23	14.24		
10	256QAM	1	0	14.32	14.36	14.29	15.9	0
10	256QAM	1	25	14.12	14.27	14.21		
10	256QAM	1	49	14.20	14.21	14.16		
10	256QAM	25	0	14.14	14.35	14.25	15.9	0
10	256QAM	25	12	14.37	14.27	14.22		
10	256QAM	25	25	14.26	14.37	14.17		
10	256QAM	50	0	14.18	14.24	14.23		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.33	14.33	14.37	15.9	0
5	QPSK	1	12	14.11	14.33	14.22		
5	QPSK	1	24	14.16	14.25	14.16		
5	QPSK	12	0	14.17	14.37	14.34	15.9	0
5	QPSK	12	7	14.29	14.24	14.32		
5	QPSK	12	13	14.24	14.37	14.10		
5	QPSK	25	0	14.21	14.31	14.22		
5	16QAM	1	0	14.34	14.31	14.28	15.9	0
5	16QAM	1	12	14.13	14.22	14.30		
5	16QAM	1	24	14.16	14.28	14.16		
5	16QAM	12	0	14.12	14.40	14.30	15.9	0
5	16QAM	12	7	14.33	14.28	14.27		
5	16QAM	12	13	14.21	14.27	14.17		
5	16QAM	25	0	14.22	14.22	14.30		
5	64QAM	1	0	14.34	14.38	14.29	15.9	0
5	64QAM	1	12	14.06	14.30	14.19		
5	64QAM	1	24	14.18	14.24	14.15		
5	64QAM	12	0	14.16	14.31	14.25	15.9	0
5	64QAM	12	7	14.26	14.21	14.23		
5	64QAM	12	13	14.17	14.33	14.14		
5	64QAM	25	0	14.24	14.25	14.29		
5	256QAM	1	0	14.26	14.31	14.34	15.9	0
5	256QAM	1	12	14.02	14.26	14.25		
5	256QAM	1	24	14.19	14.30	14.14		
5	256QAM	12	0	14.17	14.35	14.31	15.9	0
5	256QAM	12	7	14.30	14.28	14.21		
5	256QAM	12	13	14.25	14.37	14.10		
5	256QAM	25	0	14.24	14.31	14.30		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.28	14.31	14.30	15.9	0
3	QPSK	1	8	14.12	14.24	14.20		
3	QPSK	1	14	14.16	14.19	14.10		
3	QPSK	8	0	14.16	14.40	14.28	15.9	0
3	QPSK	8	4	14.31	14.24	14.21		
3	QPSK	8	7	14.26	14.37	14.09		
3	QPSK	15	0	14.26	14.32	14.31		
3	16QAM	1	0	14.36	14.40	14.36	15.9	0
3	16QAM	1	8	14.04	14.33	14.21		
3	16QAM	1	14	14.20	14.25	14.09		
3	16QAM	8	0	14.15	14.34	14.35	15.9	0
3	16QAM	8	4	14.27	14.28	14.26		
3	16QAM	8	7	14.15	14.27	14.19		
3	16QAM	15	0	14.25	14.24	14.27		
3	64QAM	1	0	14.29	14.32	14.39	15.9	0
3	64QAM	1	8	14.11	14.28	14.23		
3	64QAM	1	14	14.15	14.21	14.13		
3	64QAM	8	0	14.20	14.35	14.25	15.9	0
3	64QAM	8	4	14.36	14.24	14.25		
3	64QAM	8	7	14.25	14.36	14.17		
3	64QAM	15	0	14.24	14.31	14.31		
3	256QAM	1	0	14.35	14.31	14.35	15.9	0
3	256QAM	1	8	14.09	14.22	14.26		
3	256QAM	1	14	14.20	14.31	14.11		
3	256QAM	8	0	14.12	14.37	14.28	15.9	0
3	256QAM	8	4	14.38	14.21	14.27		
3	256QAM	8	7	14.17	14.31	14.11		
3	256QAM	15	0	14.23	14.30	14.28		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.32	14.36	14.34	15.9	0
1.4	QPSK	1	3	14.12	14.26	14.22		
1.4	QPSK	1	5	14.17	14.22	14.16		
1.4	QPSK	3	0	14.15	14.35	14.28		
1.4	QPSK	3	1	14.32	14.25	14.32		
1.4	QPSK	3	3	14.18	14.28	14.08		
1.4	QPSK	6	0	14.20	14.27	14.27	15.9	0
1.4	16QAM	1	0	14.25	14.36	14.33	15.9	0
1.4	16QAM	1	3	14.08	14.27	14.20		
1.4	16QAM	1	5	14.12	14.24	14.17		
1.4	16QAM	3	0	14.19	14.34	14.25		
1.4	16QAM	3	1	14.28	14.23	14.32		
1.4	16QAM	3	3	14.15	14.36	14.14		
1.4	16QAM	6	0	14.19	14.25	14.28	15.9	0
1.4	64QAM	1	0	14.32	14.38	14.32	15.9	0
1.4	64QAM	1	3	14.10	14.25	14.24		
1.4	64QAM	1	5	14.22	14.21	14.12		
1.4	64QAM	3	0	14.20	14.35	14.28		
1.4	64QAM	3	1	14.31	14.31	14.26		
1.4	64QAM	3	3	14.20	14.38	14.10		
1.4	64QAM	6	0	14.17	14.32	14.21	15.9	0
1.4	256QAM	1	0	14.28	14.38	14.39	15.9	0
1.4	256QAM	1	3	14.11	14.31	14.21		
1.4	256QAM	1	5	14.23	14.23	14.13		
1.4	256QAM	3	0	14.13	14.38	14.31		
1.4	256QAM	3	1	14.37	14.28	14.22		
1.4	256QAM	3	3	14.22	14.36	14.17		
1.4	256QAM	6	0	14.25	14.28	14.21	15.9	0

Band 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	15.46	15.55	15.47	17.2	0
20	QPSK	1	49	15.29	15.43	15.40		
20	QPSK	1	99	15.33	15.42	15.35		
20	QPSK	50	0	15.26	15.49	15.44	17.2	0
20	QPSK	50	24	15.34	15.43	15.31		
20	QPSK	50	50	15.28	15.41	15.42		
20	QPSK	100	0	15.27	15.46	15.33		
20	16QAM	1	0	15.39	15.52	15.34	17.2	0
20	16QAM	1	49	15.25	15.36	15.31		
20	16QAM	1	99	15.21	15.31	15.26		
20	16QAM	50	0	15.22	15.42	15.39	17.2	0
20	16QAM	50	24	15.29	15.32	15.23		
20	16QAM	50	50	15.23	15.33	15.33		
20	16QAM	100	0	15.25	15.38	15.26		
20	64QAM	1	0	15.39	15.41	15.44	17.2	0
20	64QAM	1	49	15.26	15.30	15.31		
20	64QAM	1	99	15.24	15.28	15.31		
20	64QAM	50	0	15.20	15.38	15.39	17.2	0
20	64QAM	50	24	15.26	15.32	15.28		
20	64QAM	50	50	15.20	15.29	15.34		
20	64QAM	100	0	15.29	15.36	15.21		
20	256QAM	1	0	15.43	15.47	15.41	17.2	0
20	256QAM	1	49	15.26	15.36	15.30		
20	256QAM	1	99	15.21	15.33	15.23		
20	256QAM	50	0	15.29	15.38	15.31	17.2	0
20	256QAM	50	24	15.22	15.32	15.28		
20	256QAM	50	50	15.21	15.32	15.29		
20	256QAM	100	0	15.25	15.35	15.23		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.35	15.46	15.38	17.2	0
15	QPSK	1	37	15.32	15.31	15.36		
15	QPSK	1	74	15.33	15.31	15.21		
15	QPSK	36	0	15.29	15.46	15.40	17.2	0
15	QPSK	36	20	15.30	15.40	15.22		
15	QPSK	36	39	15.21	15.28	15.29		
15	QPSK	75	0	15.36	15.43	15.21		
15	16QAM	1	0	15.38	15.38	15.29	17.2	0
15	16QAM	1	37	15.34	15.29	15.20		
15	16QAM	1	74	15.35	15.28	15.34		
15	16QAM	36	0	15.41	15.38	15.35	17.2	0
15	16QAM	36	20	15.37	15.20	15.29		
15	16QAM	36	39	15.39	15.23	15.28		
15	16QAM	75	0	15.41	15.29	15.23		
15	64QAM	1	0	15.37	15.32	15.33	17.2	0
15	64QAM	1	37	15.33	15.36	15.26		
15	64QAM	1	74	15.38	15.38	15.26		
15	64QAM	36	0	15.42	15.38	15.27	17.2	0
15	64QAM	36	20	15.41	15.34	15.42		
15	64QAM	36	39	15.33	15.33	15.28		
15	64QAM	75	0	15.32	15.40	15.24		
15	256QAM	1	0	15.37	15.38	15.34	17.2	0
15	256QAM	1	37	15.40	15.40	15.26		
15	256QAM	1	74	15.39	15.34	15.23		
15	256QAM	36	0	15.36	15.31	15.39	17.2	0
15	256QAM	36	20	15.34	15.34	15.24		
15	256QAM	36	39	15.29	15.37	15.26		
15	256QAM	75	0	15.28	15.20	15.28		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.32	15.47	15.37	17.2	0
10	QPSK	1	25	15.21	15.29	15.34		
10	QPSK	1	49	15.26	15.36	15.31		
10	QPSK	25	0	15.33	15.46	15.30	17.2	0
10	QPSK	25	12	15.36	15.37	15.23		
10	QPSK	25	25	15.33	15.27	15.36		
10	QPSK	50	0	15.42	15.43	15.30		
10	16QAM	1	0	15.32	15.47	15.28	17.2	0
10	16QAM	1	25	15.33	15.23	15.34		
10	16QAM	1	49	15.34	15.33	15.34		
10	16QAM	25	0	15.31	15.43	15.32	17.2	0
10	16QAM	25	12	15.42	15.33	15.39		
10	16QAM	25	25	15.41	15.39	15.40		
10	16QAM	50	0	15.36	15.43	15.39		
10	64QAM	1	0	15.32	15.40	15.42	17.2	0
10	64QAM	1	25	15.37	15.35	15.41		
10	64QAM	1	49	15.38	15.41	15.37		
10	64QAM	25	0	15.40	15.38	15.33	17.2	0
10	64QAM	25	12	15.41	15.31	15.40		
10	64QAM	25	25	15.42	15.32	15.35		
10	64QAM	50	0	15.38	15.39	15.36		
10	256QAM	1	0	15.41	15.32	15.40	17.2	0
10	256QAM	1	25	15.40	15.37	15.33		
10	256QAM	1	49	15.37	15.42	15.32		
10	256QAM	25	0	15.34	15.34	15.33	17.2	0
10	256QAM	25	12	15.36	15.39	15.31		
10	256QAM	25	25	15.33	15.42	15.31		
10	256QAM	50	0	15.35	15.30	15.34		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.36	15.44	15.43	17.2	0
5	QPSK	1	12	15.22	15.35	15.31		
5	QPSK	1	24	15.21	15.34	15.32		
5	QPSK	12	0	15.33	15.45	15.41	17.2	0
5	QPSK	12	7	15.42	15.31	15.28		
5	QPSK	12	13	15.36	15.33	15.35		
5	QPSK	25	0	15.41	15.35	15.21		
5	16QAM	1	0	15.43	15.47	15.27	17.2	0
5	16QAM	1	12	15.35	15.29	15.26		
5	16QAM	1	24	15.41	15.23	15.31		
5	16QAM	12	0	15.41	15.29	15.35	17.2	0
5	16QAM	12	7	15.42	15.36	15.41		
5	16QAM	12	13	15.41	15.31	15.36		
5	16QAM	25	0	15.35	15.40	15.34		
5	64QAM	1	0	15.39	15.38	15.38	17.2	0
5	64QAM	1	12	15.40	15.31	15.31		
5	64QAM	1	24	15.39	15.34	15.39		
5	64QAM	12	0	15.32	15.37	15.31	17.2	0
5	64QAM	12	7	15.34	15.41	15.43		
5	64QAM	12	13	15.33	15.39	15.35		
5	64QAM	25	0	15.38	15.30	15.34		
5	256QAM	1	0	15.36	15.41	15.39	17.2	0
5	256QAM	1	12	15.32	15.26	15.42		
5	256QAM	1	24	15.32	15.20	15.36		
5	256QAM	12	0	15.36	15.33	15.39	17.2	0
5	256QAM	12	7	15.40	15.29	15.34		
5	256QAM	12	13	15.43	15.24	15.43		
5	256QAM	25	0	15.36	15.33	15.32		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.35	15.41	15.37	17.2	0
3	QPSK	1	8	15.39	15.35	15.34		
3	QPSK	1	14	15.42	15.39	15.28		
3	QPSK	8	0	15.41	15.35	15.35	17.2	0
3	QPSK	8	4	15.39	15.38	15.25		
3	QPSK	8	7	15.34	15.35	15.33		
3	QPSK	15	0	15.31	15.37	15.21		
3	16QAM	1	0	15.37	15.48	15.27	17.2	0
3	16QAM	1	8	15.33	15.31	15.27		
3	16QAM	1	14	15.33	15.43	15.43		
3	16QAM	8	0	15.39	15.35	15.35	17.2	0
3	16QAM	8	4	15.38	15.33	15.42		
3	16QAM	8	7	15.36	15.32	15.32		
3	16QAM	15	0	15.34	15.42	15.33		
3	64QAM	1	0	15.34	15.33	15.36	17.2	0
3	64QAM	1	8	15.39	15.41	15.38		
3	64QAM	1	14	15.35	15.32	15.32		
3	64QAM	8	0	15.40	15.41	15.42	17.2	0
3	64QAM	8	4	15.40	15.28	15.34		
3	64QAM	8	7	15.41	15.38	15.40		
3	64QAM	15	0	15.31	15.39	15.31		
3	256QAM	1	0	15.37	15.36	15.40	17.2	0
3	256QAM	1	8	15.32	15.32	15.33		
3	256QAM	1	14	15.34	15.33	15.42		
3	256QAM	8	0	15.42	15.43	15.40	17.2	0
3	256QAM	8	4	15.33	15.32	15.42		
3	256QAM	8	7	15.38	15.40	15.36		
3	256QAM	15	0	15.40	15.36	15.41		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.34	15.46	15.34	17.2	0
1.4	QPSK	1	3	15.37	15.34	15.34		
1.4	QPSK	1	5	15.37	15.39	15.29		
1.4	QPSK	3	0	15.34	15.39	15.31		
1.4	QPSK	3	1	15.35	15.33	15.25		
1.4	QPSK	3	3	15.42	15.31	15.35		
1.4	QPSK	6	0	15.39	15.36	15.20	17.2	0
1.4	16QAM	1	0	15.37	15.40	15.24	17.2	0
1.4	16QAM	1	3	15.36	15.29	15.22		
1.4	16QAM	1	5	15.38	15.20	15.39		
1.4	16QAM	3	0	15.38	15.29	15.42		
1.4	16QAM	3	1	15.37	15.42	15.41		
1.4	16QAM	3	3	15.36	15.40	15.38		
1.4	16QAM	6	0	15.31	15.37	15.32	17.2	0
1.4	64QAM	1	0	15.38	15.35	15.41	17.2	0
1.4	64QAM	1	3	15.40	15.38	15.39		
1.4	64QAM	1	5	15.35	15.40	15.31		
1.4	64QAM	3	0	15.34	15.41	15.36		
1.4	64QAM	3	1	15.37	15.42	15.31		
1.4	64QAM	3	3	15.36	15.36	15.36		
1.4	64QAM	6	0	15.39	15.29	15.41	17.2	0
1.4	256QAM	1	0	15.33	15.43	15.32	17.2	0
1.4	256QAM	1	3	15.39	15.31	15.35		
1.4	256QAM	1	5	15.39	15.29	15.33		
1.4	256QAM	3	0	15.34	15.34	15.34		
1.4	256QAM	3	1	15.37	15.24	15.43		
1.4	256QAM	3	3	15.40	15.25	15.39		
1.4	256QAM	6	0	15.34	15.22	15.37	17.2	0

Band 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.65	20.79	20.55	22.3	0
10	QPSK	1	25	20.44	20.68	20.40		
10	QPSK	1	49	20.55	20.59	20.41		
10	QPSK	25	0	20.56	20.77	20.38	22.3	0
10	QPSK	25	12	20.51	20.69	20.53		
10	QPSK	25	25	20.63	20.65	20.43		
10	QPSK	50	0	20.50	20.69	20.38		
10	16QAM	1	0	20.58	20.66	20.49	22.3	0
10	16QAM	1	25	20.40	20.57	20.30		
10	16QAM	1	49	20.45	20.50	20.32		
10	16QAM	25	0	20.53	20.66	20.52	22.3	0
10	16QAM	25	12	20.42	20.57	20.30		
10	16QAM	25	25	20.44	20.54	20.35		
10	16QAM	50	0	20.52	20.68	20.30		
10	64QAM	1	0	20.47	20.66	20.42	22.3	0
10	64QAM	1	25	20.59	20.53	20.33		
10	64QAM	1	49	20.37	20.64	20.31		
10	64QAM	25	0	20.52	20.70	20.50	22	0.3
10	64QAM	25	12	20.53	20.65	20.51		
10	64QAM	25	25	20.31	20.60	20.27		
10	64QAM	50	0	20.48	20.56	20.32		
10	256QAM	1	0	18.72	18.82	18.67	20	2.3
10	256QAM	1	25	18.67	19.00	18.60		
10	256QAM	1	49	18.65	18.74	18.72		
10	256QAM	25	0	18.61	18.81	18.65	20	2.3
10	256QAM	25	12	18.70	18.95	18.71		
10	256QAM	25	25	18.60	18.72	18.51		
10	256QAM	50	0	18.69	18.87	18.69		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	20.62	20.68	20.47	22.3	0
5	QPSK	1	12	20.41	20.56	20.38		
5	QPSK	1	24	20.42	20.47	20.33		
5	QPSK	12	0	20.46	20.72	20.35	22.3	0
5	QPSK	12	7	20.41	20.59	20.43		
5	QPSK	12	13	20.57	20.55	20.38		
5	QPSK	25	0	20.39	20.60	20.35		
5	16QAM	1	0	20.52	20.57	20.40	22.3	0
5	16QAM	1	12	20.57	20.47	20.60		
5	16QAM	1	24	20.55	20.48	20.52		
5	16QAM	12	0	20.67	20.64	20.71	22.3	0
5	16QAM	12	7	20.60	20.49	20.59		
5	16QAM	12	13	20.52	20.46	20.56		
5	16QAM	25	0	20.67	20.64	20.60		
5	64QAM	1	0	20.61	20.64	20.54	22.3	0
5	64QAM	1	12	20.54	20.48	20.52		
5	64QAM	1	24	20.46	20.60	20.43		
5	64QAM	12	0	20.58	20.70	20.50	22	0.3
5	64QAM	12	7	20.56	20.69	20.48		
5	64QAM	12	13	20.39	20.58	20.28		
5	64QAM	25	0	20.42	20.52	20.38		
5	256QAM	1	0	18.70	18.72	18.58	20	2.3
5	256QAM	1	12	18.61	18.85	18.48		
5	256QAM	1	24	18.62	18.65	18.67		
5	256QAM	12	0	18.55	18.68	18.53	20	2.3
5	256QAM	12	7	18.66	18.83	18.61		
5	256QAM	12	13	18.44	18.59	18.45		
5	256QAM	25	0	18.61	18.79	18.62		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	20.52	20.71	20.45	22.3	0
3	QPSK	1	8	20.32	20.59	20.34		
3	QPSK	1	14	20.50	20.47	20.30		
3	QPSK	8	0	20.42	20.63	20.30	22.3	0
3	QPSK	8	4	20.38	20.58	20.44		
3	QPSK	8	7	20.56	20.54	20.31		
3	QPSK	15	0	20.43	20.59	20.31		
3	16QAM	1	0	20.55	20.53	20.44	22.3	0
3	16QAM	1	8	20.62	20.48	20.62		
3	16QAM	1	14	20.52	20.38	20.56		
3	16QAM	8	0	20.66	20.53	20.68	22.3	0
3	16QAM	8	4	20.63	20.48	20.60		
3	16QAM	8	7	20.58	20.41	20.63		
3	16QAM	15	0	20.61	20.66	20.55		
3	64QAM	1	0	20.53	20.64	20.56	22.3	0
3	64QAM	1	8	20.49	20.44	20.50		
3	64QAM	1	14	20.37	20.58	20.46		
3	64QAM	8	0	20.60	20.73	20.73	22	0.3
3	64QAM	8	4	20.55	20.70	20.48		
3	64QAM	8	7	20.34	20.56	20.35		
3	64QAM	15	0	20.53	20.56	20.28		
3	256QAM	1	0	18.59	18.72	18.56	20	2.3
3	256QAM	1	8	18.64	18.96	18.48		
3	256QAM	1	14	18.53	18.61	18.64		
3	256QAM	8	0	18.51	18.66	18.58	20	2.3
3	256QAM	8	4	18.52	18.79	18.61		
3	256QAM	8	7	18.47	18.69	18.34		
3	256QAM	15	0	18.53	18.74	18.61		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.51	20.72	20.52	22.3	0
1.4	QPSK	1	3	20.32	20.64	20.30		
1.4	QPSK	1	5	20.52	20.47	20.36		
1.4	QPSK	3	0	20.56	20.66	20.49		
1.4	QPSK	3	1	20.39	20.62	20.34		
1.4	QPSK	3	3	20.51	20.51	20.35		
1.4	QPSK	6	0	20.54	20.66	20.32	22.3	0
1.4	16QAM	1	0	20.48	20.56	20.39	22.3	0
1.4	16QAM	1	3	20.52	20.53	20.38		
1.4	16QAM	1	5	20.43	20.57	20.34		
1.4	16QAM	3	0	20.51	20.56	20.54		
1.4	16QAM	3	1	20.36	20.47	20.56		
1.4	16QAM	3	3	20.36	20.46	20.66		
1.4	16QAM	6	0	20.50	20.63	20.62	22.3	0
1.4	64QAM	1	0	20.36	20.53	20.61	22.3	0
1.4	64QAM	1	3	20.41	20.51	20.61		
1.4	64QAM	1	5	20.45	20.63	20.60		
1.4	64QAM	3	0	20.54	20.71	20.51		
1.4	64QAM	3	1	20.58	20.76	20.39		
1.4	64QAM	3	3	20.35	20.60	20.32		
1.4	64QAM	6	0	20.41	20.50	20.29	22	0.3
1.4	256QAM	1	0	18.81	18.89	18.74	20	2.3
1.4	256QAM	1	3	18.86	18.91	18.69		
1.4	256QAM	1	5	18.81	18.87	18.72		
1.4	256QAM	3	0	18.73	18.98	18.69		
1.4	256QAM	3	1	18.77	18.82	18.57		
1.4	256QAM	3	3	18.68	18.92	18.68		
1.4	256QAM	6	0	18.83	18.93	18.64	20	2.3

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	9.66	9.68	9.59	11.3	0
20	QPSK	1	49	9.51	9.60	9.54		
20	QPSK	1	99	9.50	9.60	9.56		
20	QPSK	50	0	9.57	9.64	9.55	11.3	0
20	QPSK	50	24	9.62	9.63	9.52		
20	QPSK	50	50	9.53	9.51	9.50		
20	QPSK	100	0	9.50	9.59	9.51		
20	16QAM	1	0	9.53	9.65	9.56	11.3	0
20	16QAM	1	49	9.53	9.57	9.56		
20	16QAM	1	99	9.55	9.60	9.51		
20	16QAM	50	0	9.52	9.55	9.52	11.3	0
20	16QAM	50	24	9.64	9.62	9.55		
20	16QAM	50	50	9.59	9.62	9.50		
20	16QAM	100	0	9.61	9.65	9.53		
20	64QAM	1	0	9.50	9.65	9.52	11.3	0
20	64QAM	1	49	9.59	9.55	9.51		
20	64QAM	1	99	9.58	9.56	9.52		
20	64QAM	50	0	9.58	9.58	9.54	11.3	0
20	64QAM	50	24	9.53	9.59	9.55		
20	64QAM	50	50	9.54	9.59	9.55		
20	64QAM	100	0	9.54	9.61	9.55		
20	256QAM	1	0	9.52	9.58	9.51	11.3	0
20	256QAM	1	49	9.55	9.60	9.51		
20	256QAM	1	99	9.51	9.54	9.53		
20	256QAM	50	0	9.63	9.65	9.54	11.3	0
20	256QAM	50	24	9.59	9.52	9.54		
20	256QAM	50	50	9.52	9.56	9.52		
20	256QAM	100	0	9.56	9.62	9.55		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	9.60	9.61	9.45	11.3	0
15	QPSK	1	37	9.46	9.58	9.42		
15	QPSK	1	74	9.36	9.44	9.48		
15	QPSK	36	0	9.51	9.41	9.38	11.3	0
15	QPSK	36	20	9.46	9.56	9.45		
15	QPSK	36	39	9.39	9.35	9.43		
15	QPSK	75	0	9.44	9.56	9.41		
15	16QAM	1	0	9.40	9.59	9.52	11.3	0
15	16QAM	1	37	9.51	9.40	9.38		
15	16QAM	1	74	9.47	9.48	9.35		
15	16QAM	36	0	9.47	9.42	9.41	11.3	0
15	16QAM	36	20	9.61	9.54	9.50		
15	16QAM	36	39	9.49	9.48	9.43		
15	16QAM	75	0	9.58	9.58	9.40		
15	64QAM	1	0	9.37	9.56	9.49	11.3	0
15	64QAM	1	37	9.53	9.47	9.41		
15	64QAM	1	74	9.42	9.41	9.40		
15	64QAM	36	0	9.44	9.41	9.41	11.3	0
15	64QAM	36	20	9.42	9.52	9.45		
15	64QAM	36	39	9.52	9.43	9.44		
15	64QAM	75	0	9.49	9.57	9.52		
15	256QAM	1	0	9.48	9.41	9.40	11.3	0
15	256QAM	1	37	9.42	9.48	9.46		
15	256QAM	1	74	9.36	9.45	9.36		
15	256QAM	36	0	9.46	9.61	9.52	11.3	0
15	256QAM	36	20	9.46	9.34	9.42		
15	256QAM	36	39	9.38	9.43	9.48		
15	256QAM	75	0	9.49	9.56	9.49		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	9.61	9.51	9.53	11.3	0
10	QPSK	1	25	9.47	9.43	9.41		
10	QPSK	1	49	9.42	9.54	9.45		
10	QPSK	25	0	9.50	9.46	9.40	11.3	0
10	QPSK	25	12	9.46	9.57	9.42		
10	QPSK	25	25	9.39	9.36	9.47		
10	QPSK	50	0	9.37	9.45	9.38		
10	16QAM	1	0	9.44	9.47	9.47	11.3	0
10	16QAM	1	25	9.46	9.45	9.38		
10	16QAM	1	49	9.48	9.43	9.44		
10	16QAM	25	0	9.44	9.44	9.45	11.3	0
10	16QAM	25	12	9.59	9.54	9.49		
10	16QAM	25	25	9.51	9.55	9.34		
10	16QAM	50	0	9.44	9.56	9.50		
10	64QAM	1	0	9.38	9.56	9.38	11.3	0
10	64QAM	1	25	9.49	9.47	9.40		
10	64QAM	1	49	9.54	9.46	9.45		
10	64QAM	25	0	9.42	9.42	9.37	11.3	0
10	64QAM	25	12	9.47	9.46	9.41		
10	64QAM	25	25	9.44	9.50	9.53		
10	64QAM	50	0	9.42	9.49	9.39		
10	256QAM	1	0	9.36	9.46	9.38	11.3	0
10	256QAM	1	25	9.38	9.49	9.34		
10	256QAM	1	49	9.45	9.43	9.38		
10	256QAM	25	0	9.50	9.57	9.47	11.3	0
10	256QAM	25	12	9.53	9.42	9.51		
10	256QAM	25	25	9.36	9.39	9.37		
10	256QAM	50	0	9.47	9.56	9.37		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	9.59	9.54	9.46	11.3	0
5	QPSK	1	12	9.42	9.52	9.50		
5	QPSK	1	24	9.35	9.48	9.49		
5	QPSK	12	0	9.50	9.35	9.53	11.3	0
5	QPSK	12	7	9.49	9.51	9.41		
5	QPSK	12	13	9.36	9.39	9.47		
5	QPSK	25	0	9.43	9.46	9.35		
5	16QAM	1	0	9.41	9.50	9.50	11.3	0
5	16QAM	1	12	9.46	9.41	9.43		
5	16QAM	1	24	9.48	9.48	9.44		
5	16QAM	12	0	9.38	9.38	9.47	11.3	0
5	16QAM	12	7	9.59	9.60	9.47		
5	16QAM	12	13	9.45	9.46	9.34		
5	16QAM	25	0	9.59	9.48	9.47		
5	64QAM	1	0	9.33	9.60	9.37	11.3	0
5	64QAM	1	12	9.47	9.40	9.43		
5	64QAM	1	24	9.47	9.46	9.37		
5	64QAM	12	0	9.49	9.55	9.40	11.3	0
5	64QAM	12	7	9.40	9.41	9.45		
5	64QAM	12	13	9.37	9.55	9.52		
5	64QAM	25	0	9.37	9.47	9.45		
5	256QAM	1	0	9.34	9.53	9.36	11.3	0
5	256QAM	1	12	9.44	9.43	9.39		
5	256QAM	1	24	9.39	9.42	9.49		
5	256QAM	12	0	9.50	9.55	9.47	11.3	0
5	256QAM	12	7	9.47	9.44	9.36		
5	256QAM	12	13	9.39	9.51	9.46		
5	256QAM	25	0	9.41	9.54	9.49		

Band 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.02	23.05	23.00	23.8	0
10	QPSK	1	49	22.84	22.93	22.86		
10	QPSK	1	49	22.86	22.96	22.85		
10	QPSK	25	0	22.90	22.95	22.93	23.8	0
10	QPSK	25	12	22.85	22.94	22.90		
10	QPSK	25	25	22.94	22.90	22.90		
10	QPSK	50	0	22.91	22.93	22.85		
10	16QAM	1	0	22.98	22.97	22.98	23.8	0
10	16QAM	1	25	22.99	22.91	22.90		
10	16QAM	1	49	22.94	22.95	22.89		
10	16QAM	25	0	21.87	22.04	22.11	23	0.8
10	16QAM	25	12	22.10	21.97	21.88		
10	16QAM	25	25	22.04	21.93	21.92		
10	16QAM	50	0	21.90	22.10	22.06		
10	64QAM	1	0	22.12	21.98	21.91	23	0.8
10	64QAM	1	25	21.87	21.96	22.10		
10	64QAM	1	49	22.05	22.15	22.11		
10	64QAM	25	0	21.11	21.19	20.87	22	1.8
10	64QAM	25	12	21.14	20.97	20.88		
10	64QAM	25	25	21.11	20.96	20.97		
10	64QAM	50	0	20.90	21.04	20.95		
10	256QAM	1	0	18.92	19.09	18.92	20	3.8
10	256QAM	1	25	18.89	19.03	19.14		
10	256QAM	1	49	19.12	19.06	19.14		
10	256QAM	25	0	19.01	18.94	19.14	20	3.8
10	256QAM	25	12	18.93	19.02	18.89		
10	256QAM	25	25	18.99	18.91	18.94		
10	256QAM	50	0	18.87	18.96	19.13		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.85	22.95	22.91	23.8	0
5	QPSK	1	12	22.69	22.82	22.82		
5	QPSK	1	24	22.74	22.94	22.76		
5	QPSK	12	0	22.74	22.79	22.80	23.8	0
5	QPSK	12	7	22.68	22.89	22.79		
5	QPSK	12	13	22.89	22.79	22.76		
5	QPSK	25	0	22.78	22.87	22.82		
5	16QAM	1	0	22.86	22.86	22.96	23.8	0
5	16QAM	1	12	22.93	22.87	22.79		
5	16QAM	1	24	22.87	22.86	22.82		
5	16QAM	12	0	21.79	21.91	22.04	23	0.8
5	16QAM	12	7	21.93	21.81	21.73		
5	16QAM	12	13	21.93	21.83	21.83		
5	16QAM	25	0	21.87	22.00	21.95		
5	64QAM	1	0	21.96	21.82	21.83	23	0.8
5	64QAM	1	12	21.76	21.83	21.96		
5	64QAM	1	24	22.02	22.08	22.03		
5	64QAM	12	0	20.94	21.10	20.74	22	1.8
5	64QAM	12	7	21.08	20.82	20.72		
5	64QAM	12	13	21.05	20.94	20.92		
5	64QAM	25	0	20.82	20.96	20.89		
5	256QAM	1	0	18.77	18.97	18.80	20	3.8
5	256QAM	1	12	18.86	18.86	19.06		
5	256QAM	1	24	18.97	19.02	19.05		
5	256QAM	12	0	18.89	18.86	18.97	20	3.8
5	256QAM	12	7	18.86	18.92	18.74		
5	256QAM	12	13	18.83	18.82	18.81		
5	256QAM	25	0	18.82	18.83	19.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.84	22.88	22.85	23.8	0
3	QPSK	1	8	22.81	22.89	22.74		
3	QPSK	1	14	22.74	22.86	22.80		
3	QPSK	8	0	22.73	22.89	22.86	23.8	0
3	QPSK	8	4	22.79	22.84	22.81		
3	QPSK	8	7	22.90	22.85	22.78		
3	QPSK	15	0	22.76	22.76	22.73		
3	16QAM	1	0	22.95	22.91	22.93	23.8	0
3	16QAM	1	8	22.97	22.82	22.77		
3	16QAM	1	14	22.81	22.82	22.78		
3	16QAM	8	0	21.84	21.88	22.06	23	0.8
3	16QAM	8	4	22.03	21.91	21.82		
3	16QAM	8	7	21.88	21.91	21.83		
3	16QAM	15	0	21.80	21.97	22.04		
3	64QAM	1	0	22.03	21.93	21.86	23	0.8
3	64QAM	1	8	21.72	21.84	22.05		
3	64QAM	1	14	21.91	22.08	21.95		
3	64QAM	8	0	20.99	21.14	20.77	22	1.8
3	64QAM	8	4	20.98	20.86	20.77		
3	64QAM	8	7	21.03	20.85	20.84		
3	64QAM	15	0	20.86	20.88	20.78		
3	256QAM	1	0	18.86	18.99	18.85	20	3.8
3	256QAM	1	8	18.79	18.91	19.01		
3	256QAM	1	14	19.10	18.91	18.98		
3	256QAM	8	0	18.84	18.83	19.08	20	3.8
3	256QAM	8	4	18.78	18.96	18.79		
3	256QAM	8	7	18.95	18.73	18.90		
3	256QAM	15	0	18.81	18.94	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	22.92	22.96	22.95	23.8	0
1.4	QPSK	1	3	22.92	23.01	22.91		
1.4	QPSK	1	5	22.96	22.91	22.94		
1.4	QPSK	3	0	22.89	22.88	22.94		
1.4	QPSK	3	1	22.93	22.93	22.94		
1.4	QPSK	3	3	22.96	22.90	22.85		
1.4	QPSK	6	0	22.85	22.96	22.97	23.8	0
1.4	16QAM	1	0	22.86	23.03	22.95	23.8	0
1.4	16QAM	1	3	22.92	23.01	22.96		
1.4	16QAM	1	5	22.92	23.02	22.86		
1.4	16QAM	3	0	22.90	22.93	22.94		
1.4	16QAM	3	1	22.89	22.92	22.91		
1.4	16QAM	3	3	22.98	22.92	22.95		
1.4	16QAM	6	0	21.94	22.02	22.07	23	0.8
1.4	64QAM	1	0	22.02	21.92	22.11	23	0.8
1.4	64QAM	1	3	22.03	22.16	22.09		
1.4	64QAM	1	5	21.97	22.01	21.95		
1.4	64QAM	3	0	22.12	22.16	22.10		
1.4	64QAM	3	1	22.15	21.99	21.86		
1.4	64QAM	3	3	21.92	22.10	21.94		
1.4	64QAM	6	0	20.91	20.90	21.06	22	1.8
1.4	256QAM	1	0	19.01	18.92	18.95	20	3.8
1.4	256QAM	1	3	18.93	19.14	19.11		
1.4	256QAM	1	5	18.91	18.93	18.85		
1.4	256QAM	3	0	18.95	19.00	18.99		
1.4	256QAM	3	1	19.16	18.99	18.97		
1.4	256QAM	3	3	19.10	19.11	18.88		
1.4	256QAM	6	0	19.11	19.17	19.06	20	3.8

Band 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.05		22.6	0
10	QPSK	1	25		20.97			
10	QPSK	1	49		20.87			
10	QPSK	25	0		20.98		22.6	0
10	QPSK	25	12		20.93			
10	QPSK	25	25		20.84			
10	QPSK	50	0		20.97			
10	16QAM	1	0		20.92		22.6	0
10	16QAM	1	25		20.93			
10	16QAM	1	49		20.75			
10	16QAM	25	0		20.87		22	0.6
10	16QAM	25	12		20.74			
10	16QAM	25	25		20.80			
10	16QAM	50	0		20.97			
10	64QAM	1	0		20.91		22	0.6
10	64QAM	1	25		20.91			
10	64QAM	1	49		20.71			
10	64QAM	25	0		19.73		21	1.6
10	64QAM	25	12		19.80			
10	64QAM	25	25		19.76			
10	64QAM	50	0		19.79			
10	256QAM	1	0		17.96		19	3.6
10	256QAM	1	25		17.76			
10	256QAM	1	49		18.00			
10	256QAM	25	0		17.94		19	3.6
10	256QAM	25	12		17.80			
10	256QAM	25	25		17.87			
10	256QAM	50	0		17.74			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.00	20.91	20.94	22.6	0
5	QPSK	1	12	20.91	20.90	20.89		
5	QPSK	1	24	20.84	20.73	20.81		
5	QPSK	12	0	20.87	20.89	20.86	22.6	0
5	QPSK	12	7	20.79	20.87	20.85		
5	QPSK	12	13	20.81	20.80	20.72		
5	QPSK	25	0	20.84	20.88	20.94		
5	16QAM	1	0	20.86	20.88	20.83	22.6	0
5	16QAM	1	12	20.90	20.91	20.85		
5	16QAM	1	24	20.72	20.68	20.67		
5	16QAM	12	0	20.68	20.74	20.56	22	0.6
5	16QAM	12	7	20.74	20.63	20.76		
5	16QAM	12	13	20.58	20.67	20.78		
5	16QAM	25	0	20.78	20.94	20.74		
5	64QAM	1	0	20.57	20.80	20.68	22	0.6
5	64QAM	1	12	20.72	20.89	20.73		
5	64QAM	1	24	20.74	20.54	20.84		
5	64QAM	12	0	19.54	19.56	19.77	21	1.6
5	64QAM	12	7	19.56	19.70	19.58		
5	64QAM	12	13	19.47	19.61	19.68		
5	64QAM	25	0	19.61	19.67	19.56		
5	256QAM	1	0	17.73	17.94	17.50	19	3.6
5	256QAM	1	12	17.59	17.67	17.58		
5	256QAM	1	24	17.73	17.98	17.66		
5	256QAM	12	0	17.77	17.83	17.88	19	3.6
5	256QAM	12	7	17.59	17.66	17.65		
5	256QAM	12	13	17.76	17.78	17.75		
5	256QAM	25	0	17.58	17.72	17.58		

Band 14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23330			
Frequency (MHz)					793			
10	QPSK	1	0		21.59		22.4	0
10	QPSK	1	25		21.44			
10	QPSK	1	49		21.49			
10	QPSK	25	0		21.47		22.4	0
10	QPSK	25	12		21.36			
10	QPSK	25	25		21.43			
10	QPSK	50	0		21.53			
10	16QAM	1	0		21.52		22.4	0
10	16QAM	1	25		21.37			
10	16QAM	1	49		21.46			
10	16QAM	25	0		21.54		22.4	0
10	16QAM	25	12		21.49			
10	16QAM	25	25		21.34			
10	16QAM	50	0		21.38			
10	64QAM	1	0		21.50		22.4	0
10	64QAM	1	25		21.31			
10	64QAM	1	49		21.39			
10	64QAM	25	0		21.04		22	0.4
10	64QAM	25	12		21.03			
10	64QAM	25	25		21.03			
10	64QAM	50	0		20.92			
10	256QAM	1	0		18.96		20	2.4
10	256QAM	1	25		18.91			
10	256QAM	1	49		19.04			
10	256QAM	25	0		19.05		20	2.4
10	256QAM	25	12		19.03			
10	256QAM	25	25		19.01			
10	256QAM	50	0		19.02			
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	21.52	21.50	21.56	22.4	0
5	QPSK	1	12	21.41	21.34	21.39		
5	QPSK	1	24	21.44	21.35	21.36		
5	QPSK	12	0	21.33	21.37	21.34	22.4	0
5	QPSK	12	7	21.34	21.26	21.28		
5	QPSK	12	13	21.34	21.37	21.33		
5	QPSK	25	0	21.43	21.46	21.47		
5	16QAM	1	0	21.39	21.48	21.39	22.4	0
5	16QAM	1	12	21.33	21.33	21.25		
5	16QAM	1	24	21.42	21.36	21.40		
5	16QAM	12	0	21.42	21.45	21.49	22.4	0
5	16QAM	12	7	21.45	21.37	21.44		
5	16QAM	12	13	21.28	21.28	21.31		
5	16QAM	25	0	21.27	21.28	21.35		
5	64QAM	1	0	21.47	21.47	21.42	22.4	0
5	64QAM	1	12	21.27	21.26	21.24		
5	64QAM	1	24	21.36	21.34	21.33		
5	64QAM	12	0	20.77	20.95	20.80	22	0.4
5	64QAM	12	7	20.66	20.94	20.61		
5	64QAM	12	13	20.78	20.86	20.79		
5	64QAM	25	0	20.79	20.75	20.72		
5	256QAM	1	0	18.73	18.84	18.67	20	2.4
5	256QAM	1	12	18.86	18.75	18.72		
5	256QAM	1	24	18.73	18.97	18.70		
5	256QAM	12	0	18.61	18.99	18.65	20	2.4
5	256QAM	12	7	18.76	18.89	18.80		
5	256QAM	12	13	18.79	18.99	18.68		
5	256QAM	25	0	18.75	18.90	18.63		

Band 17

BW [MHz]	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	22.99	23.08	23.00	23.8	0
10	QPSK	1	25	22.96	23.05	22.86		
10	QPSK	1	49	22.92	23.02	22.88		
10	QPSK	25	0	22.89	23.05	22.91	23.8	0
10	QPSK	25	12	22.82	22.93	22.92		
10	QPSK	25	25	22.95	23.02	22.98		
10	QPSK	50	0	22.92	22.97	22.94		
10	16QAM	1	0	22.94	23.05	22.83	23.8	0
10	16QAM	1	25	22.97	23.00	22.97		
10	16QAM	1	49	22.91	22.97	22.95		
10	16QAM	25	0	21.98	22.13	21.98	23	0.8
10	16QAM	25	12	22.06	21.96	22.00		
10	16QAM	25	25	21.96	22.23	22.12		
10	16QAM	50	0	21.92	22.03	22.11		
10	64QAM	1	0	22.00	21.99	22.12	23	0.8
10	64QAM	1	25	22.13	22.21	22.08		
10	64QAM	1	49	22.03	22.14	22.02		
10	64QAM	25	0	20.86	21.22	21.04	22	1.8
10	64QAM	25	12	20.93	21.11	21.05		
10	64QAM	25	25	20.92	21.22	20.89		
10	64QAM	50	0	21.04	21.13	20.97		
10	256QAM	1	0	19.00	19.04	18.87	20	3.8
10	256QAM	1	25	18.95	19.19	18.87		
10	256QAM	1	49	18.86	18.97	18.90		
10	256QAM	25	0	19.01	19.11	18.96	20	3.8
10	256QAM	25	12	19.00	19.22	18.98		
10	256QAM	25	25	19.00	19.19	18.94		
10	256QAM	50	0	19.03	19.20	19.10		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.91	23.04	22.85	23.8	0
5	QPSK	1	12	22.93	22.99	22.82		
5	QPSK	1	24	22.82	22.90	22.82		
5	QPSK	12	0	22.74	22.89	22.82	23.8	0
5	QPSK	12	7	22.74	22.85	22.80		
5	QPSK	12	13	22.90	22.88	22.81		
5	QPSK	25	0	22.80	22.91	22.79		
5	16QAM	1	0	22.78	22.92	22.78	23.8	0
5	16QAM	1	12	22.89	22.92	22.92		
5	16QAM	1	24	22.74	22.80	22.79		
5	16QAM	12	0	21.95	22.08	21.82	23	0.8
5	16QAM	12	7	22.01	21.87	21.95		
5	16QAM	12	13	21.93	22.06	22.04		
5	16QAM	25	0	21.81	21.92	22.08		
5	64QAM	1	0	21.95	21.95	21.99	23	0.8
5	64QAM	1	12	22.01	22.15	21.90		
5	64QAM	1	24	22.00	21.97	21.84		
5	64QAM	12	0	20.76	21.11	20.93	22	1.8
5	64QAM	12	7	20.89	21.02	20.93		
5	64QAM	12	13	20.81	21.17	20.81		
5	64QAM	25	0	20.94	20.96	20.88		
5	256QAM	1	0	18.85	18.87	18.70	20	3.8
5	256QAM	1	12	18.84	19.13	18.84		
5	256QAM	1	24	18.75	18.84	18.88		
5	256QAM	12	0	18.86	19.04	18.89	20	3.8
5	256QAM	12	7	18.87	19.14	18.82		
5	256QAM	12	13	18.85	19.07	18.83		
5	256QAM	25	0	19.00	19.16	18.95		

Band 25

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26140	26340	26590		
Frequency (MHz)				1880	1880	1905		
20	QPSK	1	0	14.50	14.58	14.53		
20	QPSK	1	49	14.20	14.39	14.44	15.9	0
20	QPSK	1	99	14.31	14.43	14.27		
20	QPSK	50	0	14.31	14.55	14.44		
20	QPSK	50	24	14.48	14.45	14.38	15.9	0
20	QPSK	50	50	14.36	14.45	14.31		
20	QPSK	100	0	14.34	14.51	14.42		
20	16QAM	1	0	14.42	14.40	14.43		
20	16QAM	1	49	14.18	14.33	14.34	15.9	0
20	16QAM	1	99	14.24	14.37	14.20		
20	16QAM	50	0	14.29	14.47	14.34		
20	16QAM	50	24	14.37	14.35	14.38	15.9	0
20	16QAM	50	50	14.19	14.40	14.17		
20	16QAM	100	0	14.26	14.37	14.32		
20	64QAM	1	0	14.36	14.53	14.35		
20	64QAM	1	49	14.11	14.41	14.32	15.9	0
20	64QAM	1	99	14.19	14.33	14.26		
20	64QAM	50	0	14.16	14.43	14.34		
20	64QAM	50	24	14.40	14.33	14.30	15.9	0
20	64QAM	50	50	14.32	14.50	14.12		
20	64QAM	100	0	14.30	14.31	14.31		
20	256QAM	1	0	14.36	14.36	14.44		
20	256QAM	1	49	14.17	14.33	14.36	15.9	0
20	256QAM	1	99	14.26	14.31	14.27		
20	256QAM	50	0	14.28	14.46	14.40		
20	256QAM	50	24	14.47	14.36	14.31	15.9	0
20	256QAM	50	50	14.40	14.43	14.19		
20	256QAM	100	0	14.30	14.43	14.30		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	14.44	14.45	14.44		
15	QPSK	1	37	14.15	14.28	14.34	15.9	0
15	QPSK	1	74	14.22	14.34	14.16		
15	QPSK	36	0	14.20	14.53	14.33		
15	QPSK	36	20	14.34	14.40	14.30	15.9	0
15	QPSK	36	39	14.22	14.32	14.27		
15	QPSK	75	0	14.29	14.42	14.37		
15	16QAM	1	0	14.31	14.34	14.32		
15	16QAM	1	37	14.10	14.26	14.29	15.9	0
15	16QAM	1	74	14.21	14.26	14.17		
15	16QAM	36	0	14.25	14.33	14.23		
15	16QAM	36	20	14.25	14.25	14.35	15.9	0
15	16QAM	36	39	14.05	14.38	14.05		
15	16QAM	75	0	14.18	14.29	14.26		
15	64QAM	1	0	14.24	14.40	14.27		
15	64QAM	1	37	14.03	14.32	14.25	15.9	0
15	64QAM	1	74	14.06	14.23	14.20		
15	64QAM	36	0	14.08	14.32	14.21		
15	64QAM	36	20	14.27	14.30	14.26	15.9	0
15	64QAM	36	39	14.22	14.38	14.05		
15	64QAM	75	0	14.16	14.27	14.21		
15	256QAM	1	0	14.31	14.33	14.36		
15	256QAM	1	37	14.07	14.30	14.24	15.9	0
15	256QAM	1	74	14.22	14.22	14.17		
15	256QAM	36	0	14.25	14.38	14.37		
15	256QAM	36	20	14.44	14.22	14.20	15.9	0
15	256QAM	36	39	14.33	14.07	14.25		
15	256QAM	75	0	14.19	14.31	14.25		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	14.38	14.50	14.47		
10	QPSK	1	25	14.11	14.25	14.41	15.9	0
10	QPSK	1	49	14.18	14.35	14.19		
10	QPSK	25	0	14.28	14.46	14.36		
10	QPSK	25	12	14.42	14.37	14.36	15.9	0
10	QPSK	25	25	14.23	14.38	14.18		
10	QPSK	50	0	14.21	14.43	14.37		
10	16QAM	1	0	14.29	14.33	14.29		
10	16QAM	1	25	14.09	14.21	14.21	15.9	0
10	16QAM	1	49	14.20	14.32	14.12		
10	16QAM	25	0	14.24	14.34	14.22		
10	16QAM	25	12	14.32	14.26	14.31	15.9	0
10	16QAM	25	25	14.06	14.30	14.12		
10	16QAM	50	0	14.23	14.32	14.22		
10	64QAM	1	0	14.25	14.47	14.33		
10	64QAM	1	25	14.08	14.38	14.27	15.9	0
10	64QAM	1	49	14.07	14.30	14.14		
10	64QAM	25	0	14.04	14.38	14.31		
10	64QAM	25	12	14.26	14.29	14.25	15.9	0
10	64QAM	25	25	14.23	14.38	14.01		
10	64QAM	50	0	14.19	14.28	14.24		
10	256QAM	1	0	14.25	14.40	14.23		
10	256QAM	1	25	14.06	14.25	14.33	15.9	0
10	256QAM	1	49	14.24	14.21	14.18		
10	256QAM	25	0	14.16	14.39	14.35		
10	256QAM	25	12	14.39	14.28	14.22	15.9	0
10	256QAM	25	25	14.36	14.34	14.05		
10	256QAM	50	0	14.20	14.31	14.25		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	14.44	14.46	14.47		
5	QPSK	1	12	14.11	14.32	14.30	15.9	0
5	QPSK	1	24	14.17	14.35	14.24		
5	QPSK	12	0	14.29	14.41	14.40		
5	QPSK	12	7	14.44	14.37	14.33	15.9	0
5	QPSK	12	13	14.25	14.41	14.20		
5	QPSK	25	0	14.32	14.46	14.28		
5	16QAM	1	0	14.29	14.29	14.34		
5	16QAM	1	12	14.16	14.30	14.32	15.9	0
5	16QAM	1	24	14.22	14.28	14.08		
5	16QAM	12	0	14.25	14.45	14.26		
5	16QAM	12	7	14.23	14.22	14.30	15.9	0
5	16QAM	12	13	14.11	14.33	14.08		
5	16QAM	25	0	14.22	14.28	14.30		
5	64QAM	1	0	14.23	14.45	14.32		
5	64QAM	1	12	13.98	14.26	14.19	15.9	0
5	64QAM	1	24	14.13	14.25	14.16		
5	64QAM	12	0	14.13	14.33	14.21		
5	64QAM	12	7	14.32	14.23	14.24	15.9	0
5	64QAM	12	13	14.24	14.39	14.05		
5	64QAM	25	0	14.20	14.17	14.22		
5	256QAM	1	0	14.26	14.27	14.40		
5	256QAM	1	12	14.13	14.23	14.29	15.9	0
5	256QAM	1	24	14.19	14.19	14.17		
5	256QAM	12	0	14.14	14.43	14.27		
5	256QAM	12	7	14.37	14.27	14.28	15.9	0
5	256QAM	12	13	14.36	14.29	14.09		
5	256QAM	25	0	14.22	14.40	14.18		
Channel				26055	26340	26575	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	14.43	14.48	14.40		
3	QPSK	1	8	14.09	14.34	14.36	15.9	0
3	QPSK	1	14	14.28	14.36	14.24		
3	QPSK	8	0	14.28	14.44	14.31		
3	QPSK	8	4	14.36	14.37	14.31	15.9	0
3	QPSK	8	7	14.23	14.40	14.18		
3	QPSK	15	0	14.30	14.40	14.36		
3	16QAM	1	0	14.34	14.37	14.37		
3	16QAM	1	8	14.04	14.30	14.31	15.9	0
3	16QAM	1	14	14.17	14.24	14.10		
3	16QAM	8	0	14.22	14.42	14.31		
3	16QAM	8	4	14.34	14.31	14.34	15.9	0
3	16QAM	8	7	14.16	14.30	14.08		
3	16QAM	15	0	14.16	14.33	14.21		
3	64QAM	1	0	14.29	14.40	14.26		
3	64QAM	1	8	14.05	14.32	14.24	15.9	0
3	64QAM	1	14	14.15	14.30	14.21		
3	64QAM	8	0	14.06	14.35	14.23		
3	64QAM	8	4	14.36	14.26	14.25	15.9	0
3	64QAM	8	7	14.25	14.46	14.00		
3	64QAM	15	0	14.17	14.23	14.21		
3	256QAM	1	0	14.29	14.34	14.32		
3	256QAM	1	8	14.10	14.30	14.26	15.9	0
3	256QAM	1	14	14.19	14.19	14.24		
3	256QAM	8	0	14.19	14.43	14.36		
3	256QAM	8	4	14.44	14.22	14.25	15.9	0
3	256QAM	8	7	14.33	14.34	14.06		
3	256QAM	15	0	14.19	14.32	14.18		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	14.43	14.51	14.40		
1.4	QPSK	1	3	14.08	14.30	14.36		
1.4	QPSK	1	5	14.22	14.37	14.19	15.9	0
1.4	QPSK	3	0	14.27	14.41	14.35		
1.4	QPSK	3	1	14.35	14.33	14.24		
1.4	QPSK	3	3	14.33	14.35	14.29		
1.4	QPSK	6	0	14.22	14.46	14.32	15.9	0
1.4	16QAM	1	0	14.39	14.32	14.37		
1.4	16QAM	1	3	14.13	14.22	14.30		
1.4	16QAM	1	5	14.16	14.31	14.10	15.9	0
1.4	16QAM	3	0	14.18	14.43	14.22		
1.4	16QAM	3	1	14.27	14.24	14.34		
1.4	16QAM	3	3	14.06	14.35	14.11		
1.4	16QAM	6	0	14.14	14.25	14.25	15.9	0
1.4	64QAM	1	0	14.33	14.42	14.23		
1.4	64QAM	1	3	14.02	14.39	14.30		
1.4	64QAM	1	5	14.11	14.22	14.14	15.9	0
1.4	64QAM	3	0	14.09	14.36	14.27		
1.4	64QAM	3	1	14.34	14.25	14.28		
1.4	64QAM	3	3	14.22	14.42	14.02		
1.4	64QAM	6	0	14.25	14.24	14.28	15.9	0
1.4	256QAM	1	0	14.34	14.24	14.42		
1.4	256QAM	1	3	14.06	14.19	14.30		
1.4	256QAM	1	5	14.21	14.26	14.25	15.9	0
1.4	256QAM	3	0	14.24	14.41	14.34		
1.4	256QAM	3	1	14.36	14.30	14.19		
1.4	256QAM	3	3	14.36	14.37	14.15		
1.4	256QAM	6	0	14.23	14.39	14.22	15.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.50	20.66	20.43		
15	QPSK	1	37	20.45	20.53	20.39	22.3	0
15	QPSK	1	74	20.31	20.50	20.41		
15	QPSK	36	0	20.35	20.55	20.50		
15	QPSK	36	20	20.44	20.51	20.47	22.3	0
15	QPSK	36	39	20.35	20.45	20.33		
15	QPSK	75	0	20.38	20.50	20.44		
15	16QAM	1	0	20.36	20.58	20.49		
15	16QAM	1	37	20.33	20.50	20.42	22.3	0
15	16QAM	1	74	20.48	20.46	20.44		
15	16QAM	36	0	20.45	20.52	20.51		
15	16QAM	36	20	20.48	20.43	20.41	22.3	0
15	16QAM	36	39	20.37	20.39	20.32		
15	16QAM	75	0	20.39	20.47	20.37		
15	64QAM	1	0	20.53	20.55	20.46		
15	64QAM	1	37	20.38	20.40	20.44	22.3	0
15	64QAM	1	74	20.39	20.37	20.38		
15	64QAM	36	0	20.32	20.46	20.42		
15	64QAM	36	20	20.31	20.49	20.25	22	0.3
15	64QAM	36	39	20.24	20.40	20.40		
15	64QAM	75	0	20.30	20.37	20.26		
15	256QAM	1	0	18.49	18.65	18.48		
15	256QAM	1	37	18.45	18.55	18.54	20	2.3
15	256QAM	1	74	18.44	18.64	18.53		
15	256QAM	36	0	18.58	18.71	18.63		
15	256QAM	36	20	18.61	18.68	18.62	20	2.3
15	256QAM	36	39	18.62	18.57	18.61		
15	256QAM	75	0	18.58	18.57	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.43	20.62	20.30		
10	QPSK	1	25	20.43	20.41	20.31	22.3	0
10	QPSK	1	49	20.38	20.47	20.45		
10	QPSK	25	0	20.49	20.51	20.46		
10	QPSK	25	12	20.48	20.48	20.43	22.3	0
10	QPSK	25	25	20.32	20.33	20.38		
10	QPSK	50	0	20.41	20.38	20.43		
10	16QAM	1	0	20.54	20.52	20.48		
10	16QAM	1	25	20.48	20.37	20.46	22.3	0
10	16QAM	1	49	20.34	20.32	20.33		
10	16QAM	25	0	20.39	20.43	20.44		
10	16QAM	25	12	20.42	20.36	20.45	22.3	0
10	16QAM	25	25	20.44	20.36	20.38		
10	16QAM	50	0	20.39	20.36	20.42		
10	64QAM	1	0	20.45	20.45	20.39		
10	64QAM	1	25	20.51	20.31	20.52	22.3	0
10	64QAM	1	49	20.46	20.30	20.39		
10	64QAM	25	0	20.40	20.40	20.42		
10	64QAM	25	12	20.19	20.41	20.18	22	0.3
10	64QAM	25	25	20.17	20.35	20.35		
10	64QAM	50	0	20.27	20.34	20.22		
10	256QAM	1	0	18.33	18.55	18.33		
10	256QAM	1	25	18.42	18.50	18.37	20	2.3
10	256QAM	1	49	18.27	18.48	18.38		
10	256QAM	25	0	18.41	18.55	18.55		
10	256QAM	25	12	18.48	18.66	18.50	20	2.3
10	256QAM	25	25	18.53	18.41	18.46		
10	256QAM	50	0	18.55	18.51	18.32		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.37	20.53	20.37		
5	QPSK	1	12	20.40	20.45	20.49	22.3	0
5	QPSK	1	24	20.41	20.45	20.37		
5	QPSK	12	0	20.43	20.46	20.34		
5	QPSK	12	7	20.47	20.44	20.41	22.3	0
5	QPSK	12	13	20.33	20.43	20.50		
5	QPSK	25	0	20.40	20.42	20.37		
5	16QAM	1	0	20.45	20.50	20.39		
5	16QAM	1	12	20.40	20.43	20.32	22.3	0
5	16QAM	1	24	20.45	20.40	20.38		
5	16QAM	12	0	20.52	20.48	20.43		
5	16QAM	12	7	20.45	20.40	20.43	22.3	0
5	16QAM	12	13	20.35	20.43	20.37		
5	16QAM	25	0	20.39	20.49	20.36		
5	64QAM	1	0	20.47	20.42	20.54		
5	64QAM	1	12	20.41	20.39	20.43	22.3	0
5	64QAM	1	24	20.44	20.52	20.42		
5	64QAM	12	0	20.29	20.39	20.34		
5	64QAM	12	7	20.28	20.38	20.18	22	0.3
5	64QAM	12	13	20.18	20.36	20.28		
5	64QAM	25	0	20.18	20.32	20.13		
5	256QAM	1	0	18.34	18.61	18.32		
5	256QAM	1	12	18.40	18.48	18.42	20	2.3
5	256QAM	1	24	18.35	18.54	18.50		
5	256QAM	12	0	18.48	18.56	18.48		
5	256QAM	12	7	18.55	18.60	18.45	20	2.3
5	256QAM	12	13	18.47	18.52	18.48		
5	256QAM	25	0	18.51	18.40	18.38		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.39	20.56	20.38		
3	QPSK	1	8	20.37	20.46	20.36	22.3	0
3	QPSK	1	14	20.43	20.43	20.42		
3	QPSK	8	0	20.51	20.51	20.45		
3	QPSK	8	4	20.48	20.46	20.48	22.3	0
3	QPSK	8	7	20.39	20.40	20.37		
3	QPSK	15	0	20.44	20.45	20.43		
3	16QAM	1	0	20.45	20.56	20.56		
3	16QAM	1	8	20.44	20.48	20.45	22.3	0
3	16QAM	1	14	20.42	20.43	20.40		
3	16QAM	8	0	20.43	20.45	20.45		
3	16QAM	8	4	20.50	20.39	20.41	22.3	0
3	16QAM	8	7	20.46	20.31	20.45		
3	16QAM	15	0	20.37	20.34	20.41		
3	64QAM	1	0	20.40	20.51	20.45		
3	64QAM	1	8	20.45	20.37	20.55	22.3	0
3	64QAM	1	14	20.46	20.32	20.46		
3	64QAM	8	0	20.35	20.35	20.39		
3	64QAM	8	4	20.29	20.39	20.16	22	0.3
3	64QAM	8	7	20.19	20.33	20.36		
3	64QAM	15	0	20.18	20.23	20.23		
3	256QAM	1	0	18.39	18.55	18.36		
3	256QAM	1	8	18.41	18.51	18.52	20	2.3
3	256QAM	1	14	18.32	18.57	18.51		
3	256QAM	8	0	18.55	18.54	18.57		
3	256QAM	8	4	18.51	18.51	18.48	20	2.3
3	256QAM	8	7	18.49	18.54	18.56		
3	256QAM	15	0	18.40	18.50	18.33		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.39	20.58	20.31		
1.4	QPSK	1	3	20.34	20.51	20.43		
1.4	QPSK	1	5	20.41	20.43	20.45	22.3	0
1.4	QPSK	3	0	20.49	20.44	20.37		
1.4	QPSK	3	1	20.42	20.45	20.41		
1.4	QPSK	3	3	20.37	20.34	20.46		
1.4	QPSK	6	0	20.47	20.47	20.44	22.3	0
1.4	16QAM	1	0	20.50	20.47	20.41		
1.4	16QAM	1	3	20.43	20.37	20.42		
1.4	16QAM	1	5	20.43	20.41	20.42	22.3	0
1.4	16QAM	3	0	20.38	20.40	20.42		
1.4	16QAM	3	1	20.45	20.36	20.42		
1.4	16QAM	3	3	20.46	20.32	20.35		
1.4	16QAM	6	0	20.39	20.38	20.43	22.3	0
1.4	64QAM	1	0	20.46	20.51	20.49		
1.4	64QAM	1	3	20.45	20.46	20.40		
1.4	64QAM	1	5	20.42	20.39	20.36	22.3	0
1.4	64QAM	3	0	20.42	20.44	20.47		
1.4	64QAM	3	1	20.55	20.54	20.50		
1.4	64QAM	3	3	20.43	20.39	20.40		
1.4	64QAM	6	0	20.43	20.38	20.38	22	0.3
1.4	256QAM	1	0	18.50	18.69	18.65		
1.4	256QAM	1	3	18.62	18.63	18.42		
1.4	256QAM	1	5	18.44	18.66	18.47	20	2.3
1.4	256QAM	3	0	18.59	18.57	18.70		
1.4	256QAM	3	1	18.70	18.75	18.67		
1.4	256QAM	3	3	18.47	18.85	18.64		
1.4	256QAM	6	0	18.69	18.79	18.58	20	2.3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				27710				
Frequency (MHz)				2310				
10	QPSK	1	0	12.35			12.8	0
10	QPSK	1	25	12.18				
10	QPSK	1	49	12.11				
10	QPSK	25	0	12.35			12.8	0
10	QPSK	25	12	12.06				
10	QPSK	25	25	12.03				
10	QPSK	50	0	12.27				
10	16QAM	1	0	12.06			12.8	0
10	16QAM	1	25	12.04				
10	16QAM	1	49	12.33				
10	16QAM	25	0	12.08			12.8	0
10	16QAM	25	12	12.03				
10	16QAM	25	25	12.22				
10	16QAM	50	0	12.07				
10	64QAM	1	0	12.03			12.8	0
10	64QAM	1	25	12.32				
10	64QAM	1	49	12.13				
10	64QAM	25	0	12.09			12.8	0
10	64QAM	25	12	12.32				
10	64QAM	25	25	12.05				
10	64QAM	50	0	12.01				
10	256QAM	1	0	12.28			12.8	0
10	256QAM	1	25	12.09				
10	256QAM	1	49	12.02				
10	256QAM	25	0	12.30			12.8	0
10	256QAM	25	12	12.29				
10	256QAM	25	25	12.15				
10	256QAM	50	0	12.07				
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	12.26	12.31	12.22	12.8	0
5	QPSK	1	12	12.16	12.13	12.15		
5	QPSK	1	24	12.05	12.01	11.97		
5	QPSK	12	0	12.17	12.22	12.15	12.8	0
5	QPSK	12	7	12.01	11.99	12.01		
5	QPSK	12	13	11.94	11.90	12.01		
5	QPSK	25	0	12.15	12.21	12.16		
5	16QAM	1	0	12.01	11.94	12.00	12.8	0
5	16QAM	1	12	11.93	11.93	12.01		
5	16QAM	1	24	12.26	12.29	12.25		
5	16QAM	12	0	11.96	12.04	12.00	12.8	0
5	16QAM	12	7	11.90	11.91	11.95		
5	16QAM	12	13	12.10	12.20	12.12		
5	16QAM	25	0	11.94	12.03	12.00		
5	64QAM	1	0	11.97	12.00	11.97	12.8	0
5	64QAM	1	12	12.27	12.18	12.29		
5	64QAM	1	24	12.07	12.06	12.05		
5	64QAM	12	0	11.96	12.06	11.97	12.8	0
5	64QAM	12	7	12.24	12.25	12.24		
5	64QAM	12	13	12.00	11.94	11.97		
5	64QAM	25	0	11.99	11.88	11.89		
5	256QAM	1	0	12.15	12.16	12.17	12.8	0
5	256QAM	1	12	12.03	12.01	12.05		
5	256QAM	1	24	11.88	11.94	11.91		
5	256QAM	12	0	12.17	12.19	12.25	12.8	0
5	256QAM	12	7	12.22	12.16	12.23		
5	256QAM	12	13	12.13	12.11	12.05		
5	256QAM	25	0	11.99	12.00	12.03		

Band 66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.49	15.69	15.56	17.2	0
20	QPSK	1	49	15.38	15.48	15.47		
20	QPSK	1	99	15.46	15.55	15.39		
20	QPSK	50	0	15.33	15.55	15.51	17.2	0
20	QPSK	50	24	15.46	15.54	15.43		
20	QPSK	50	50	15.39	15.53	15.51		
20	QPSK	100	0	15.38	15.48	15.45		
20	16QAM	1	0	15.53	15.57	15.37	17.2	0
20	16QAM	1	49	15.35	15.50	15.35		
20	16QAM	1	99	15.32	15.40	15.35		
20	16QAM	50	0	15.29	15.55	15.45	17.2	0
20	16QAM	50	24	15.40	15.40	15.29		
20	16QAM	50	50	15.36	15.41	15.38		
20	16QAM	100	0	15.27	15.45	15.39		
20	64QAM	1	0	15.50	15.44	15.50	17.2	0
20	64QAM	1	49	15.32	15.35	15.42		
20	64QAM	1	99	15.36	15.35	15.42		
20	64QAM	50	0	15.30	15.47	15.46	17.2	0
20	64QAM	50	24	15.31	15.45	15.33		
20	64QAM	50	50	15.24	15.41	15.40		
20	64QAM	100	0	15.39	15.42	15.30		
20	256QAM	1	0	15.54	15.55	15.53	17.2	0
20	256QAM	1	49	15.37	15.49	15.39		
20	256QAM	1	99	15.34	15.35	15.32		
20	256QAM	50	0	15.38	15.46	15.44	17.2	0
20	256QAM	50	24	15.36	15.39	15.40		
20	256QAM	50	50	15.30	15.39	15.35		
20	256QAM	100	0	15.34	15.40	15.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.37	15.59	15.50	17.2	0
15	QPSK	1	37	15.28	15.35	15.36		
15	QPSK	1	74	15.36	15.44	15.27		
15	QPSK	36	0	15.22	15.45	15.48	17.2	0
15	QPSK	36	20	15.32	15.42	15.38		
15	QPSK	36	39	15.33	15.50	15.44		
15	QPSK	75	0	15.34	15.41	15.41		
15	16QAM	1	0	15.49	15.54	15.28	17.2	0
15	16QAM	1	37	15.30	15.46	15.28		
15	16QAM	1	74	15.27	15.26	15.29		
15	16QAM	36	0	15.54	15.45	15.35	17.2	0
15	16QAM	36	20	15.34	15.34	15.54		
15	16QAM	36	39	15.25	15.37	15.27		
15	16QAM	75	0	15.54	15.37	15.26		
15	64QAM	1	0	15.37	15.39	15.41	17.2	0
15	64QAM	1	37	15.28	15.27	15.34		
15	64QAM	1	74	15.30	15.33	15.38		
15	64QAM	36	0	15.21	15.33	15.37	17.2	0
15	64QAM	36	20	15.19	15.35	15.25		
15	64QAM	36	39	15.20	15.34	15.32		
15	64QAM	75	0	15.26	15.39	15.20		
15	256QAM	1	0	15.40	15.46	15.42	17.2	0
15	256QAM	1	37	15.31	15.36	15.26		
15	256QAM	1	74	15.25	15.32	15.21		
15	256QAM	36	0	15.25	15.35	15.36	17.2	0
15	256QAM	36	20	15.27	15.26	15.27		
15	256QAM	36	39	15.22	15.26	15.23		
15	256QAM	75	0	15.22	15.29	15.22		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.38	15.63	15.50	17.2	0
10	QPSK	1	25	15.33	15.41	15.41		
10	QPSK	1	49	15.38	15.45	15.27		
10	QPSK	25	0	15.20	15.50	15.46	17.2	0
10	QPSK	25	12	15.38	15.46	15.30		
10	QPSK	25	25	15.34	15.40	15.39		
10	QPSK	50	0	15.27	15.40	15.34		
10	16QAM	1	0	15.43	15.49	15.29	17.2	0
10	16QAM	1	25	15.29	15.40	15.32		
10	16QAM	1	49	15.21	15.36	15.24		
10	16QAM	25	0	15.20	15.42	15.33	17.2	0
10	16QAM	25	12	15.27	15.37	15.54		
10	16QAM	25	25	15.32	15.31	15.30		
10	16QAM	50	0	15.20	15.43	15.32		
10	64QAM	1	0	15.47	15.38	15.43	17.2	0
10	64QAM	1	25	15.23	15.21	15.40		
10	64QAM	1	49	15.28	15.32	15.34		
10	64QAM	25	0	15.27	15.35	15.34	17.2	0
10	64QAM	25	12	15.23	15.32	15.26		
10	64QAM	25	25	15.22	15.36	15.32		
10	64QAM	50	0	15.35	15.31	15.27		
10	256QAM	1	0	15.45	15.45	15.48	17.2	0
10	256QAM	1	25	15.26	15.40	15.35		
10	256QAM	1	49	15.26	15.31	15.24		
10	256QAM	25	0	15.27	15.35	15.34	17.2	0
10	256QAM	25	12	15.25	15.26	15.34		
10	256QAM	25	25	15.22	15.28	15.30		
10	256QAM	50	0	15.26	15.26	15.26		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.36	15.66	15.46	17.2	0
5	QPSK	1	12	15.31	15.42	15.38		
5	QPSK	1	24	15.37	15.49	15.37		
5	QPSK	12	0	15.22	15.51	15.47	17.2	0
5	QPSK	12	7	15.41	15.43	15.32		
5	QPSK	12	13	15.27	15.46	15.48		
5	QPSK	25	0	15.35	15.38	15.36		
5	16QAM	1	0	15.45	15.49	15.34	17.2	0
5	16QAM	1	12	15.21	15.46	15.23		
5	16QAM	1	24	15.54	15.30	15.23		
5	16QAM	12	0	15.24	15.52	15.41	17.2	0
5	16QAM	12	7	15.27	15.37	15.26		
5	16QAM	12	13	15.31	15.34	15.36		
5	16QAM	25	0	15.22	15.37	15.27		
5	64QAM	1	0	15.37	15.41	15.39	17.2	0
5	64QAM	1	12	15.29	15.28	15.39		
5	64QAM	1	24	15.29	15.25	15.35		
5	64QAM	12	0	15.54	15.42	15.41	17.2	0
5	64QAM	12	7	15.19	15.35	15.26		
5	64QAM	12	13	15.17	15.34	15.37		
5	64QAM	25	0	15.35	15.38	15.18		
5	256QAM	1	0	15.45	15.52	15.41	17.2	0
5	256QAM	1	12	15.26	15.43	15.35		
5	256QAM	1	24	15.25	15.31	15.27		
5	256QAM	12	0	15.27	15.36	15.42	17.2	0
5	256QAM	12	7	15.30	15.34	15.31		
5	256QAM	12	13	15.22	15.26	15.29		
5	256QAM	25	0	15.21	15.29	15.21		
Channel				131927	132322	132527	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.44	15.58	15.50	17.2	0
3	QPSK	1	8	15.26	15.41	15.42		
3	QPSK	1	14	15.44	15.52	15.30		
3	QPSK	8	0	15.26	15.51	15.41	17.2	0
3	QPSK	8	4	15.39	15.45	15.38		
3	QPSK	8	7	15.34	15.49	15.38		
3	QPSK	15	0	15.26	15.38	15.33		
3	16QAM	1	0	15.49	15.47	15.32	17.2	0
3	16QAM	1	8	15.21	15.43	15.23		
3	16QAM	1	14	15.27	15.35	15.32		
3	16QAM	8	0	15.26	15.46	15.31	17.2	0
3	16QAM	8	4	15.33	15.31	15.24		
3	16QAM	8	7	15.27	15.30	15.29		
3	16QAM	15	0	15.20	15.34	15.36		
3	64QAM	1	0	15.38	15.42	15.41	17.2	0
3	64QAM	1	8	15.21	15.23	15.33		
3	64QAM	1	14	15.33	15.24	15.35		
3	64QAM	8	0	15.26	15.34	15.43	17.2	0
3	64QAM	8	4	15.18	15.37	15.20		
3	64QAM	8	7	15.17	15.32	15.37		
3	64QAM	15	0	15.31	15.36	15.20		
3	256QAM	1	0	15.42	15.47	15.42	17.2	0
3	256QAM	1	8	15.28	15.41	15.35		
3	256QAM	1	14	15.28	15.28	15.24		
3	256QAM	8	0	15.29	15.41	15.39	17.2	0
3	256QAM	8	4	15.27	15.31	15.37		
3	256QAM	8	7	15.19	15.36	15.24		
3	256QAM	15	0	15.23	15.36	15.15		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.35	15.63	15.53	17.2	0
1.4	QPSK	1	3	15.29	15.38	15.35		
1.4	QPSK	1	5	15.42	15.44	15.25		
1.4	QPSK	3	0	15.23	15.44	15.40		
1.4	QPSK	3	1	15.33	15.45	15.32		
1.4	QPSK	3	3	15.25	15.45	15.38		
1.4	QPSK	6	0	15.27	15.41	15.35	17.2	0
1.4	16QAM	1	0	15.42	15.44	15.29	17.2	0
1.4	16QAM	1	3	15.21	15.45	15.30		
1.4	16QAM	1	5	15.24	15.32	15.31		
1.4	16QAM	3	0	15.54	15.42	15.32		
1.4	16QAM	3	1	15.29	15.29	15.54		
1.4	16QAM	3	3	15.23	15.29	15.31		
1.4	16QAM	6	0	15.16	15.39	15.27	17.2	0
1.4	64QAM	1	0	15.47	15.32	15.38	17.2	0
1.4	64QAM	1	3	15.22	15.32	15.35		
1.4	64QAM	1	5	15.23	15.26	15.37		
1.4	64QAM	3	0	15.20	15.42	15.33		
1.4	64QAM	3	1	15.54	15.34	15.20		
1.4	64QAM	3	3	15.54	15.29	15.29		
1.4	64QAM	6	0	15.32	15.37	15.24	17.2	0
1.4	256QAM	1	0	15.42	15.43	15.45	17.2	0
1.4	256QAM	1	3	15.29	15.40	15.26		
1.4	256QAM	1	5	15.25	15.32	15.23		
1.4	256QAM	3	0	15.26	15.42	15.30		
1.4	256QAM	3	1	15.30	15.32	15.29		
1.4	256QAM	3	3	15.54	15.29	15.24		
1.4	256QAM	6	0	15.28	15.33	15.54	17.2	0

Band 71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372		
Frequency (MHz)				673	683	688		
20	QPSK	1	0	21.72	21.97	21.66	23	0
20	QPSK	1	49	21.72	21.69	21.54		
20	QPSK	1	99	21.57	21.74	21.62		
20	QPSK	50	0	21.61	21.75	21.49	23	0
20	QPSK	50	24	21.64	21.72	21.62		
20	QPSK	50	50	21.58	21.70	21.59		
20	QPSK	100	0	21.59	21.70	21.61		
20	16QAM	1	0	21.67	21.73	21.53	23	0
20	16QAM	1	49	21.62	21.67	21.42		
20	16QAM	1	99	21.47	21.67	21.51		
20	16QAM	50	0	21.71	21.76	21.71	23	0
20	16QAM	50	24	21.71	21.90	21.84		
20	16QAM	50	50	21.83	21.95	21.89		
20	16QAM	100	0	21.71	21.79	21.80	23	0
20	64QAM	1	0	21.70	21.79	21.90		
20	64QAM	1	49	21.90	21.87	21.86		
20	64QAM	1	99	21.87	21.78	21.90		
20	64QAM	50	0	20.86	20.90	20.72	22	1
20	64QAM	50	24	20.85	20.74	20.91		
20	64QAM	50	50	20.75	20.77	20.83		
20	64QAM	100	0	20.69	20.95	20.67		
20	256QAM	1	0	18.85	18.83	18.71	20	3
20	256QAM	1	49	18.87	18.82	18.75		
20	256QAM	1	99	18.93	18.85	18.71		
20	256QAM	50	0	18.87	18.76	18.72	20	3
20	256QAM	50	24	18.83	18.96	18.62		
20	256QAM	50	50	18.81	18.77	18.63		
20	256QAM	100	0	18.97	18.95	18.80		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	21.66	21.74	21.54	23	0
15	QPSK	1	37	21.65	21.59	21.46		
15	QPSK	1	74	21.49	21.70	21.58		
15	QPSK	36	0	21.58	21.62	21.36	23	0
15	QPSK	36	20	21.52	21.64	21.49		
15	QPSK	36	39	21.50	21.59	21.47		
15	QPSK	75	0	21.53	21.59	21.52		
15	16QAM	1	0	21.61	21.61	21.44	23	0
15	16QAM	1	37	21.52	21.62	21.36		
15	16QAM	1	74	21.44	21.53	21.39		
15	16QAM	36	0	21.56	21.60	21.65	23	0
15	16QAM	36	20	21.67	21.72	21.69		
15	16QAM	36	39	21.69	21.91	21.73		
15	16QAM	75	0	21.66	21.71	21.63		
15	64QAM	1	0	21.52	21.82	21.85	23	0
15	64QAM	1	37	21.73	21.80	21.80		
15	64QAM	1	74	21.77	21.61	21.78		
15	64QAM	36	0	20.77	20.86	20.69	22	1
15	64QAM	36	20	20.70	20.68	20.82		
15	64QAM	36	39	20.62	20.68	20.80		
15	64QAM	75	0	20.55	20.80	20.63		
15	256QAM	1	0	18.81	18.74	18.66	20	3
15	256QAM	1	37	18.69	18.75	18.63		
15	256QAM	1	74	18.80	18.80	18.66		
15	256QAM	36	0	18.77	18.63	18.66	20	3
15	256QAM	36	20	18.66	18.86	18.59		
15	256QAM	36	39	18.65	18.68	18.57		
15	256QAM	75	0	18.90	18.80	18.72		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	21.66	21.72	21.58	23	0
10	QPSK	1	25	21.59	21.64	21.40		
10	QPSK	1	49	21.44	21.69	21.51		
10	QPSK	25	0	21.58	21.68	21.46	23	0
10	QPSK	25	12	21.60	21.65	21.54		
10	QPSK	25	25	21.50	21.61	21.48		
10	QPSK	50	0	21.57	21.68	21.48		
10	16QAM	1	0	21.57	21.61	21.43	23	0
10	16QAM	1	25	21.54	21.61	21.30		
10	16QAM	1	49	21.39	21.58	21.46		
10	16QAM	25	0	21.53	21.69	21.58	23	0
10	16QAM	25	12	21.55	21.81	21.72		
10	16QAM	25	25	21.78	21.84	21.72		
10	16QAM	50	0	21.60	21.64	21.67		
10	64QAM	1	0	21.64	21.84	21.77	23	0
10	64QAM	1	25	21.76	21.78	21.70		
10	64QAM	1	49	21.71	21.69	21.74		
10	64QAM	25	0	20.81	20.74	20.66	22	1
10	64QAM	25	12	20.75	20.56	20.82		
10	64QAM	25	25	20.68	20.60	20.67		
10	64QAM	50	0	20.60	20.91	20.60		
10	256QAM	1	0	18.74	18.80	18.63	20	3
10	256QAM	1	25	18.80	18.79	18.67		
10	256QAM	1	49	18.81	18.82	18.65		
10	256QAM	25	0	18.79	18.62	18.68	20	3
10	256QAM	25	12	18.74	18.88	18.49		
10	256QAM	25	25	18.71	18.75	18.57		
10	256QAM	50	0	18.82	18.78	18.62		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	21.59	21.77	21.56	23	0
5	QPSK	1	12	21.64	21.60	21.48		
5	QPSK	1	24	21.52	21.65	21.48		
5	QPSK	12	0	21.57	21.66	21.45	23	0
5	QPSK	12	7	21.55	21.66	21.59		
5	QPSK	12	13	21.53	21.59	21.57		
5	QPSK	25	0	21.52	21.61	21.51		
5	16QAM	1	0	21.58	21.63	21.44	23	0
5	16QAM	1	12	21.59	21.56	21.31		
5	16QAM	1	24	21.37	21.63	21.39		
5	16QAM	12	0	21.65	21.73	21.57	23	0
5	16QAM	12	7	21.59	21.80	21.77		
5	16QAM	12	13	21.78	21.87	21.82		
5	16QAM	25	0	21.58	21.67	21.69		
5	64QAM	1	0	21.56	21.93	21.82	23	0
5	64QAM	1	12	21.79	21.84	21.73		
5	64QAM	1	24	21.75	21.71	21.84		
5	64QAM	12	0	20.79	20.76	20.57	22	1
5	64QAM	12	7	20.69	20.57	20.88		
5	64QAM	12	13	20.62	20.75	20.74		
5	64QAM	25	0	20.54	20.87	20.50		
5	256QAM	1	0	18.80	18.74	18.61	20	3
5	256QAM	1	12	18.77	18.67	18.65		
5	256QAM	1	24	18.88	18.80	18.63		
5	256QAM	12	0	18.71	18.63	18.66	20	3
5	256QAM	12	7	18.66	18.92	18.54		
5	256QAM	12	13	18.67	18.69	18.56		
5	256QAM	25	0	18.83	18.79	18.77		

Band 38

BW [MHz]	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	11.64	11.77	11.68	12	0
20	QPSK	1	49	11.47	11.62	11.60		
20	QPSK	1	99	11.42	11.65	11.54		
20	QPSK	50	0	11.42	11.65	11.28	12	0
20	QPSK	50	24	11.36	11.55	11.18		
20	QPSK	50	50	11.38	11.55	11.34		
20	QPSK	100	0	11.46	11.51	11.26		
20	16QAM	1	0	11.67	11.67	11.61	12	0
20	16QAM	1	49	11.39	11.57	11.50		
20	16QAM	1	99	11.31	11.59	11.48		
20	16QAM	50	0	11.64	11.64	11.54	12	0
20	16QAM	50	24	11.33	11.60	11.47		
20	16QAM	50	50	11.38	11.55	11.32		
20	16QAM	100	0	11.60	11.72	11.64		
20	64QAM	1	0	11.45	11.47	11.36	12	0
20	64QAM	1	49	11.31	11.58	11.48		
20	64QAM	1	99	11.60	11.70	11.57		
20	64QAM	50	0	11.37	11.45	11.41	12	0
20	64QAM	50	24	11.31	11.53	11.50		
20	64QAM	50	50	11.60	11.75	11.55		
20	64QAM	100	0	11.37	11.55	11.45		
20	256QAM	1	0	11.29	11.62	11.48	12	0
20	256QAM	1	49	11.55	11.73	11.65		
20	256QAM	1	99	11.44	11.54	11.51		
20	256QAM	50	0	11.25	11.45	11.43	12	0
20	256QAM	50	24	11.67	11.74	11.59		
20	256QAM	50	50	11.30	11.53	11.56		
20	256QAM	100	0	11.28	11.51	11.39		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	11.57	11.64	11.62	12	0
15	QPSK	1	37	11.39	11.54	11.50		
15	QPSK	1	74	11.34	11.56	11.40		
15	QPSK	36	0	11.28	11.53	11.17	12	0
15	QPSK	36	20	11.31	11.48	11.06		
15	QPSK	36	39	11.27	11.51	11.20		
15	QPSK	75	0	11.35	11.42	11.22		
15	16QAM	1	0	11.58	11.57	11.48	12	0
15	16QAM	1	37	11.36	11.50	11.41		
15	16QAM	1	74	11.24	11.47	11.35		
15	16QAM	36	0	11.55	11.53	11.49	12	0
15	16QAM	36	20	11.25	11.47	11.44		
15	16QAM	36	39	11.34	11.45	11.21		
15	16QAM	75	0	11.54	11.60	11.62		
15	64QAM	1	0	11.37	11.39	11.25	12	0
15	64QAM	1	37	11.21	11.50	11.39		
15	64QAM	1	74	11.47	11.67	11.54		
15	64QAM	36	0	11.27	11.39	11.36	12	0
15	64QAM	36	20	11.27	11.40	11.43		
15	64QAM	36	39	11.55	11.63	11.41		
15	64QAM	75	0	11.31	11.45	11.36		
15	256QAM	1	0	11.24	11.50	11.38	12	0
15	256QAM	1	37	11.42	11.67	11.55		
15	256QAM	1	74	11.31	11.45	11.44		
15	256QAM	36	0	11.15	11.31	11.38	12	0
15	256QAM	36	20	11.61	11.65	11.50		
15	256QAM	36	39	11.17	11.50	11.46		
15	256QAM	75	0	11.15	11.44	11.28		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	11.51	11.66	11.57	12	0
10	QPSK	1	25	11.44	11.49	11.50		
10	QPSK	1	49	11.39	11.63	11.49		
10	QPSK	25	0	11.34	11.54	11.17	12	0
10	QPSK	25	12	11.26	11.43	11.12		
10	QPSK	25	25	11.27	11.43	11.23		
10	QPSK	50	0	11.35	11.39	11.19		
10	16QAM	1	0	11.55	11.61	11.52	12	0
10	16QAM	1	25	11.27	11.46	11.44		
10	16QAM	1	49	11.26	11.47	11.38		
10	16QAM	25	0	11.60	11.56	11.49	12	0
10	16QAM	25	12	11.27	11.49	11.36		
10	16QAM	25	25	11.28	11.45	11.23		
10	16QAM	50	0	11.48	11.62	11.59		
10	64QAM	1	0	11.33	11.35	11.32	12	0
10	64QAM	1	25	11.21	11.54	11.37		
10	64QAM	1	49	11.49	11.68	11.48		
10	64QAM	25	0	11.33	11.42	11.34	12	0
10	64QAM	25	12	11.24	11.45	11.41		
10	64QAM	25	25	11.54	11.63	11.50		
10	64QAM	50	0	11.26	11.46	11.33		
10	256QAM	1	0	11.18	11.50	11.38	12	0
10	256QAM	1	25	11.48	11.64	11.57		
10	256QAM	1	49	11.38	11.51	11.45		
10	256QAM	25	0	11.13	11.41	11.38	12	0
10	256QAM	25	12	11.60	11.62	11.45		
10	256QAM	25	25	11.26	11.49	11.50		
10	256QAM	50	0	11.20	11.45	11.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	11.52	11.72	11.57	12	0
5	QPSK	1	12	11.37	11.60	11.54		
5	QPSK	1	24	11.36	11.61	11.46		
5	QPSK	12	0	11.34	11.53	11.23	12	0
5	QPSK	12	7	11.28	11.51	11.10		
5	QPSK	12	13	11.35	11.47	11.31		
5	QPSK	25	0	11.38	11.42	11.22		
5	16QAM	1	0	11.60	11.58	11.56	12	0
5	16QAM	1	12	11.30	11.50	11.41		
5	16QAM	1	24	11.27	11.49	11.39		
5	16QAM	12	0	11.50	11.60	11.46	12	0
5	16QAM	12	7	11.26	11.51	11.44		
5	16QAM	12	13	11.33	11.47	11.28		
5	16QAM	25	0	11.58	11.62	11.51		
5	64QAM	1	0	11.34	11.37	11.28	12	0
5	64QAM	1	12	11.23	11.50	11.36		
5	64QAM	1	24	11.57	11.63	11.48		
5	64QAM	12	0	11.29	11.37	11.30	12	0
5	64QAM	12	7	11.23	11.41	11.45		
5	64QAM	12	13	11.51	11.66	11.46		
5	64QAM	25	0	11.28	11.44	11.43		
5	256QAM	1	0	11.16	11.54	11.45	12	0
5	256QAM	1	12	11.51	11.62	11.55		
5	256QAM	1	24	11.31	11.40	11.45		
5	256QAM	12	0	11.22	11.35	11.39	12	0
5	256QAM	12	7	11.56	11.65	11.50		
5	256QAM	12	13	11.22	11.41	11.48		
5	256QAM	25	0	11.16	11.47	11.31		

Band 41

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	11.71	11.75	11.82	11.76	11.69	12	0
20	QPSK	1	49	11.56	11.54	11.69	11.62	11.55		
20	QPSK	1	99	11.48	11.47	11.72	11.59	11.52		
20	QPSK	50	0	11.42	11.48	11.68	11.37	11.27	12	0
20	QPSK	50	24	11.49	11.40	11.65	11.31	11.38		
20	QPSK	50	50	11.42	11.41	11.61	11.37	11.34		
20	QPSK	100	0	11.43	11.51	11.62	11.39	11.36		
20	16QAM	1	0	11.62	11.70	11.76	11.71	11.61	12	0
20	16QAM	1	49	11.45	11.43	11.64	11.52	11.47		
20	16QAM	1	99	11.45	11.37	11.61	11.52	11.43		
20	16QAM	50	0	11.66	11.71	11.70	11.64	11.65	12	0
20	16QAM	50	24	11.49	11.43	11.63	11.53	11.47		
20	16QAM	50	50	11.39	11.44	11.61	11.45	11.49		
20	16QAM	100	0	11.57	11.72	11.80	11.70	11.59		
20	64QAM	1	0	11.46	11.48	11.61	11.48	11.45	12	0
20	64QAM	1	49	11.38	11.41	11.66	11.53	11.47		
20	64QAM	1	99	11.68	11.69	11.74	11.68	11.64		
20	64QAM	50	0	11.43	11.41	11.59	11.53	11.50	12	0
20	64QAM	50	24	11.37	11.39	11.64	11.54	11.47		
20	64QAM	50	50	11.67	11.69	11.79	11.64	11.67		
20	64QAM	100	0	11.46	11.42	11.63	11.48	11.42		
20	256QAM	1	0	11.34	11.41	11.68	11.54	11.42	12	0
20	256QAM	1	49	11.63	11.69	11.80	11.68	11.62		
20	256QAM	1	99	11.47	11.47	11.63	11.55	11.49		
20	256QAM	50	0	11.40	11.33	11.58	11.52	11.46	12	0
20	256QAM	50	24	11.65	11.73	11.78	11.71	11.63		
20	256QAM	50	50	11.46	11.41	11.60	11.60	11.48		
20	256QAM	100	0	11.38	11.41	11.65	11.51	11.44		
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	11.67	11.69	11.77	11.67	11.64	12	0
15	QPSK	1	37	11.46	11.42	11.61	11.51	11.49		
15	QPSK	1	74	11.45	11.44	11.59	11.48	11.46		
15	QPSK	36	0	11.49	11.37	11.63	11.40	11.35	12	0
15	QPSK	36	20	11.39	11.35	11.60	11.42	11.35		
15	QPSK	36	39	11.38	11.28	11.48	11.28	11.21		
15	QPSK	75	0	11.35	11.39	11.55	11.32	11.24		
15	16QAM	1	0	11.58	11.56	11.71	11.63	11.53	12	0
15	16QAM	1	37	11.36	11.34	11.54	11.49	11.42		
15	16QAM	1	74	11.43	11.27	11.52	11.41	11.32		
15	16QAM	36	0	11.60	11.63	11.57	11.51	11.55	12	0
15	16QAM	36	20	11.39	11.33	11.60	11.48	11.36		
15	16QAM	36	39	11.35	11.36	11.59	11.37	11.41		
15	16QAM	75	0	11.49	11.67	11.73	11.68	11.51		
15	64QAM	1	0	11.34	11.42	11.57	11.40	11.40	12	0
15	64QAM	1	37	11.27	11.33	11.52	11.49	11.36		
15	64QAM	1	74	11.59	11.58	11.71	11.65	11.60		
15	64QAM	36	0	11.33	11.38	11.46	11.49	11.41	12	0
15	64QAM	36	20	11.32	11.26	11.59	11.46	11.33		
15	64QAM	36	39	11.58	11.62	11.76	11.59	11.54		
15	64QAM	75	0	11.34	11.37	11.54	11.42	11.29		
15	256QAM	1	0	11.51	11.50	11.55	11.45	11.50	12	0
15	256QAM	1	37	11.54	11.56	11.77	11.54	11.52		
15	256QAM	1	74	11.33	11.43	11.53	11.51	11.42		
15	256QAM	36	0	11.34	11.20	11.46	11.45	11.37	12	0
15	256QAM	36	20	11.58	11.62	11.68	11.66	11.55		
15	256QAM	36	39	11.40	11.32	11.48	11.54	11.38		
15	256QAM	75	0	11.27	11.29	11.55	11.37	11.32		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	11.65	11.72	11.72	11.71	11.63	12	0
10	QPSK	1	25	11.50	11.42	11.66	11.57	11.51		
10	QPSK	1	49	11.42	11.36	11.68	11.52	11.41		
10	QPSK	25	0	11.34	11.36	11.60	11.30	11.20	12	0
10	QPSK	25	12	11.41	11.30	11.62	11.21	11.33		
10	QPSK	25	25	11.31	11.36	11.57	11.34	11.26		
10	QPSK	50	0	11.36	11.44	11.51	11.28	11.22		
10	16QAM	1	0	11.49	11.61	11.73	11.66	11.53	12	0
10	16QAM	1	25	11.38	11.40	11.57	11.38	11.42		
10	16QAM	1	49	11.40	11.34	11.48	11.43	11.36		
10	16QAM	25	0	11.59	11.64	11.62	11.57	11.57	12	0
10	16QAM	25	12	11.44	11.31	11.56	11.44	11.35		
10	16QAM	25	25	11.33	11.35	11.51	11.32	11.47		
10	16QAM	50	0	11.47	11.70	11.68	11.66	11.46		
10	64QAM	1	0	11.42	11.36	11.57	11.35	11.39	12	0
10	64QAM	1	25	11.27	11.31	11.52	11.43	11.38		
10	64QAM	1	49	11.61	11.57	11.71	11.65	11.51		
10	64QAM	25	0	11.35	11.36	11.51	11.44	11.44	12	0
10	64QAM	25	12	11.32	11.34	11.58	11.46	11.36		
10	64QAM	25	25	11.55	11.60	11.71	11.52	11.64		
10	64QAM	50	0	11.36	11.32	11.59	11.40	11.38		
10	256QAM	1	0	11.21	11.32	11.58	11.49	11.39	12	0
10	256QAM	1	25	11.57	11.56	11.71	11.55	11.54		
10	256QAM	1	49	11.36	11.34	11.52	11.42	11.47		
10	256QAM	25	0	11.34	11.30	11.50	11.42	11.38	12	0
10	256QAM	25	12	11.62	11.60	11.76	11.62	11.50		
10	256QAM	25	25	11.38	11.27	11.52	11.46	11.44		
10	256QAM	50	0	11.32	11.27	11.56	11.39	11.33		
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	11.61	11.68	11.69	11.63	11.65	12	0
5	QPSK	1	12	11.47	11.48	11.57	11.54	11.48		
5	QPSK	1	24	11.38	11.43	11.60	11.56	11.41		
5	QPSK	12	0	11.31	11.43	11.60	11.24	11.16	12	0
5	QPSK	12	7	11.44	11.32	11.60	11.17	11.31		
5	QPSK	12	13	11.32	11.37	11.57	11.33	11.29		
5	QPSK	25	0	11.30	11.47	11.52	11.30	11.25		
5	16QAM	1	0	11.50	11.68	11.67	11.61	11.58	12	0
5	16QAM	1	12	11.32	11.31	11.50	11.38	11.43		
5	16QAM	1	24	11.38	11.34	11.58	11.41	11.31		
5	16QAM	12	0	11.60	11.68	11.67	11.50	11.57	12	0
5	16QAM	12	7	11.37	11.33	11.60	11.49	11.44		
5	16QAM	12	13	11.30	11.39	11.54	11.38	11.41		
5	16QAM	25	0	11.51	11.62	11.67	11.67	11.49		
5	64QAM	1	0	11.43	11.44	11.58	11.34	11.37	12	0
5	64QAM	1	12	11.36	11.28	11.62	11.50	11.35		
5	64QAM	1	24	11.62	11.56	11.63	11.61	11.57		
5	64QAM	12	0	11.38	11.31	11.51	11.45	11.37	12	0
5	64QAM	12	7	11.26	11.30	11.52	11.50	11.41		
5	64QAM	12	13	11.60	11.64	11.67	11.58	11.59		
5	64QAM	25	0	11.39	11.38	11.58	11.42	11.36		
5	256QAM	1	0	11.50	11.34	11.61	11.46	11.34	12	0
5	256QAM	1	12	11.51	11.64	11.73	11.61	11.50		
5	256QAM	1	24	11.45	11.35	11.57	11.41	11.43		
5	256QAM	12	0	11.29	11.25	11.46	11.43	11.39	12	0
5	256QAM	12	7	11.58	11.62	11.66	11.65	11.61		
5	256QAM	12	13	11.36	11.37	11.51	11.49	11.34		
5	256QAM	25	0	11.34	11.33	11.51	11.47	11.39		

Band 41 HPUE

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	13.33	13.38	13.41	13.38	13.31	13.6	0
20	QPSK	1	49	13.13	13.10	13.28	13.24	13.19		
20	QPSK	1	99	13.18	13.09	13.36	13.23	13.12		
20	QPSK	50	0	13.13	13.05	13.27	13.02	12.91	13.6	0
20	QPSK	50	24	13.15	12.96	13.24	12.95	12.92		
20	QPSK	50	50	13.10	13.02	13.23	12.97	12.96		
20	QPSK	100	0	13.18	13.07	13.22	12.98	12.96		
20	16QAM	1	0	13.14	13.28	13.34	13.30	13.22	13.6	0
20	16QAM	1	49	13.16	13.04	13.30	13.17	13.10		
20	16QAM	1	99	13.13	12.97	13.27	13.17	13.06		
20	16QAM	50	0	13.22	13.31	13.27	13.30	13.21	13.6	0
20	16QAM	50	24	13.22	12.99	13.25	13.16	13.12		
20	16QAM	50	50	13.12	13.10	13.16	13.03	13.04		
20	16QAM	100	0	13.15	13.27	13.37	13.27	13.16		
20	64QAM	1	0	13.18	13.08	13.18	13.11	13.07	13.6	0
20	64QAM	1	49	13.13	13.05	13.26	13.15	13.09		
20	64QAM	1	99	13.13	13.28	13.39	13.25	13.23		
20	64QAM	50	0	13.22	13.06	13.20	13.08	13.16	13.6	0
20	64QAM	50	24	13.14	13.05	13.19	13.18	13.08		
20	64QAM	50	50	13.21	13.35	13.34	13.28	13.28		
20	64QAM	100	0	13.16	13.08	13.22	13.06	13.01		
20	256QAM	1	0	13.25	12.96	13.33	13.08	13.04	13.6	0
20	256QAM	1	49	13.19	13.32	13.40	13.29	13.20		
20	256QAM	1	99	13.11	13.13	13.18	13.15	13.06		
20	256QAM	50	0	13.19	12.94	13.16	13.08	13.01	13.6	0
20	256QAM	50	24	13.10	13.28	13.37	13.32	13.25		
20	256QAM	50	50	13.22	13.00	13.17	13.17	13.02		
20	256QAM	100	0	13.12	13.04	13.23	13.14	13.04		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	13.30	13.29	13.35	13.33	13.24	14	0
15	QPSK	1	37	13.01	13.03	13.19	13.15	13.16		
15	QPSK	1	74	13.14	13.06	13.33	13.17	13.01		
15	QPSK	36	0	13.03	12.94	13.20	12.98	12.79	13.6	0
15	QPSK	36	20	13.13	12.92	13.22	12.88	12.84		
15	QPSK	36	39	13.03	12.89	13.14	12.90	12.88		
15	QPSK	75	0	13.14	12.98	13.20	12.85	12.94		
15	16QAM	1	0	13.10	13.22	13.29	13.26	13.16	13.6	0
15	16QAM	1	37	13.11	12.96	13.18	13.14	13.02		
15	16QAM	1	74	13.09	12.95	13.23	13.07	12.93		
15	16QAM	36	0	13.12	13.25	13.13	13.20	13.11	13.6	0
15	16QAM	36	20	13.12	12.86	13.16	13.03	12.98		
15	16QAM	36	39	13.05	12.97	13.04	12.97	12.97		
15	16QAM	75	0	13.12	13.25	13.26	13.13	13.13		
15	64QAM	1	0	13.07	12.94	13.13	13.04	12.96	13.6	0
15	64QAM	1	37	13.08	12.93	13.16	13.11	13.01		
15	64QAM	1	74	13.03	13.15	13.31	13.21	13.13		
15	64QAM	36	0	13.19	12.99	13.12	12.97	13.08	13.6	0
15	64QAM	36	20	13.07	12.91	13.10	13.07	12.97		
15	64QAM	36	39	13.10	13.23	13.27	13.19	13.25		
15	64QAM	75	0	13.03	13.00	13.09	12.98	12.97		
15	256QAM	1	0	13.13	12.89	13.30	12.94	12.94	13.6	0
15	256QAM	1	37	13.11	13.19	13.31	13.24	13.07		
15	256QAM	1	74	13.08	13.06	13.13	13.04	12.99		
15	256QAM	36	0	13.08	12.92	13.04	12.96	12.87	13.6	0
15	256QAM	36	20	13.05	13.15	13.28	13.19	13.20		
15	256QAM	36	39	13.18	12.97	13.04	13.04	12.95		
15	256QAM	75	0	13.07	12.96	13.17	13.09	13.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	13.20	13.29	13.31	13.26	13.22	14	0
10	QPSK	1	25	13.08	13.04	13.14	13.11	13.12		
10	QPSK	1	49	13.15	13.01	13.28	13.19	13.06		
10	QPSK	25	0	13.11	12.91	13.16	12.95	12.82	13.6	0
10	QPSK	25	12	13.10	12.90	13.18	12.84	12.88		
10	QPSK	25	25	13.08	12.89	13.21	12.94	12.82		
10	QPSK	50	0	13.08	12.95	13.09	12.90	12.92		
10	16QAM	1	0	13.03	13.15	13.23	13.23	13.17	13.6	0
10	16QAM	1	25	13.06	13.02	13.23	13.12	13.04		
10	16QAM	1	49	13.04	12.94	13.19	13.14	13.01		
10	16QAM	25	0	13.09	13.27	13.20	13.20	13.11	13.6	0
10	16QAM	25	12	13.18	12.86	13.16	13.11	13.02		
10	16QAM	25	25	13.07	13.05	13.02	12.97	12.90		
10	16QAM	50	0	13.06	13.15	13.29	13.24	13.03		
10	64QAM	1	0	13.13	13.06	13.16	13.05	13.03	13.6	0
10	64QAM	1	25	13.10	12.93	13.15	13.11	12.96		
10	64QAM	1	49	13.07	13.17	13.31	13.20	13.15		
10	64QAM	25	0	13.19	12.99	13.09	12.95	13.10	13.6	0
10	64QAM	25	12	13.03	12.97	13.05	13.13	13.04		
10	64QAM	25	25	13.18	13.27	13.20	13.17	13.16		
10	64QAM	50	0	13.05	13.01	13.19	13.03	12.89		
10	256QAM	1	0	13.15	12.93	13.21	13.01	12.93	13.6	0
10	256QAM	1	25	13.16	13.21	13.28	13.18	13.16		
10	256QAM	1	49	13.06	13.08	13.06	13.11	12.99		
10	256QAM	25	0	13.15	12.85	13.09	12.98	12.89	13.6	0
10	256QAM	25	12	13.04	13.21	13.25	13.20	13.19		
10	256QAM	25	25	13.19	12.87	13.15	13.06	12.97		
10	256QAM	50	0	13.06	12.98	13.10	13.01	12.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	13.21	13.26	13.36	13.34	13.18	14	0
5	QPSK	1	12	13.11	13.01	13.19	13.21	13.13		
5	QPSK	1	24	13.06	12.99	13.24	13.18	13.01		
5	QPSK	12	0	13.04	13.03	13.16	12.98	12.86	13.6	0
5	QPSK	12	7	13.07	12.82	13.20	12.82	12.84		
5	QPSK	12	13	13.04	12.94	13.17	12.84	12.85		
5	QPSK	25	0	13.14	13.04	13.16	12.92	12.85		
5	16QAM	1	0	13.00	13.16	13.29	13.25	13.14	13.6	0
5	16QAM	1	12	13.14	12.97	13.20	13.14	13.00		
5	16QAM	1	24	13.11	12.93	13.21	13.12	12.98		
5	16QAM	12	0	13.12	13.24	13.24	13.25	13.08	13.6	0
5	16QAM	12	7	13.15	12.92	13.19	13.04	13.08		
5	16QAM	12	13	13.02	13.02	13.11	12.92	13.02		
5	16QAM	25	0	13.06	13.14	13.28	13.22	13.05		
5	64QAM	1	0	13.07	12.94	13.07	13.00	13.03	13.6	0
5	64QAM	1	12	13.04	12.92	13.15	13.10	13.04		
5	64QAM	1	24	13.01	13.18	13.30	13.16	13.17		
5	64QAM	12	0	13.11	12.95	13.16	13.01	13.14	13.6	0
5	64QAM	12	7	13.05	13.02	13.16	13.12	13.00		
5	64QAM	12	13	13.07	13.32	13.24	13.20	13.17		
5	64QAM	25	0	13.06	13.01	13.14	13.04	12.89		
5	256QAM	1	0	13.12	12.92	13.26	12.96	12.98	13.6	0
5	256QAM	1	12	13.10	13.27	13.36	13.23	13.15		
5	256QAM	1	24	13.08	13.01	13.09	13.04	12.93		
5	256QAM	12	0	13.11	12.89	13.04	13.02	12.93	13.6	0
5	256QAM	12	7	13.05	13.20	13.25	13.28	13.21		
5	256QAM	12	13	13.11	12.92	13.05	13.13	12.93		
5	256QAM	25	0	12.99	12.94	13.09	13.07	12.93		

Band 38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.74	16.78	16.67	17	0
20	QPSK	1	49	16.62	16.70	16.54		
20	QPSK	1	99	16.69	16.68	16.51		
20	QPSK	50	0	15.60	15.85	15.68	16	1
20	QPSK	50	24	15.68	15.81	15.75		
20	QPSK	50	50	15.75	15.83	15.64		
20	QPSK	100	0	15.83	15.84	15.78		
20	16QAM	1	0	15.62	15.93	15.69	16	1
20	16QAM	1	49	15.85	15.73	15.77		
20	16QAM	1	99	15.70	15.89	15.70		
20	16QAM	50	0	14.71	14.67	14.76	15	2
20	16QAM	50	24	14.85	14.64	14.56		
20	16QAM	50	50	14.80	14.84	14.74		
20	16QAM	100	0	14.65	14.87	14.78		
20	64QAM	1	0	14.71	14.69	14.57	15	2
20	64QAM	1	49	14.81	14.76	14.59		
20	64QAM	1	99	14.86	14.84	14.59		
20	64QAM	50	0	13.84	13.69	13.73	14	3
20	64QAM	50	24	13.70	13.72	13.74		
20	64QAM	50	50	13.67	13.88	13.58		
20	64QAM	100	0	13.61	13.71	13.79		
20	256QAM	1	0	11.65	11.63	11.66	12	5
20	256QAM	1	49	11.89	11.92	11.56		
20	256QAM	1	99	11.80	11.64	11.69		
20	256QAM	50	0	11.76	11.90	11.70	12	5
20	256QAM	50	24	11.73	11.93	11.65		
20	256QAM	50	50	11.68	11.85	11.67		
20	256QAM	100	0	11.85	11.77	11.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.72	16.75	16.64	17	0
15	QPSK	1	37	16.57	16.54	16.40		
15	QPSK	1	74	16.64	16.65	16.35		
15	QPSK	36	0	15.44	15.74	15.56	16	1
15	QPSK	36	20	15.63	15.64	15.60		
15	QPSK	36	39	15.66	15.79	15.53		
15	QPSK	75	0	15.74	15.78	15.69		
15	16QAM	1	0	15.57	15.82	15.56	16	1
15	16QAM	1	37	15.78	15.64	15.63		
15	16QAM	1	74	15.62	15.83	15.53		
15	16QAM	36	0	14.54	14.61	14.61	15	2
15	16QAM	36	20	14.72	14.48	14.48		
15	16QAM	36	39	14.72	14.76	14.56		
15	16QAM	75	0	14.48	14.85	14.64		
15	64QAM	1	0	14.60	14.62	14.39	15	2
15	64QAM	1	37	14.70	14.60	14.50		
15	64QAM	1	74	14.74	14.81	14.55		
15	64QAM	36	0	13.68	13.56	13.62	14	3
15	64QAM	36	20	13.64	13.60	13.58		
15	64QAM	36	39	13.55	13.79	13.56		
15	64QAM	75	0	13.50	13.58	13.75		
15	256QAM	1	0	11.54	11.49	11.61	12	5
15	256QAM	1	37	11.84	11.77	11.48		
15	256QAM	1	74	11.71	11.46	11.59		
15	256QAM	36	0	11.59	11.80	11.53	12	5
15	256QAM	36	20	11.64	11.82	11.62		
15	256QAM	36	39	11.60	11.78	11.51		
15	256QAM	75	0	11.70	11.64	11.39		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.70	16.76	16.62	17	0
10	QPSK	1	25	16.55	16.62	16.46		
10	QPSK	1	49	16.64	16.53	16.46		
10	QPSK	25	0	15.50	15.77	15.61	16	1
10	QPSK	25	12	15.61	15.67	15.67		
10	QPSK	25	25	15.62	15.74	15.59		
10	QPSK	50	0	15.72	15.74	15.74		
10	16QAM	1	0	15.52	15.78	15.59	16	1
10	16QAM	1	25	15.73	15.65	15.61		
10	16QAM	1	49	15.56	15.77	15.67		
10	16QAM	25	0	14.61	14.60	14.71	15	2
10	16QAM	25	12	14.82	14.58	14.51		
10	16QAM	25	25	14.63	14.77	14.58		
10	16QAM	50	0	14.62	14.72	14.71		
10	64QAM	1	0	14.56	14.65	14.39	15	2
10	64QAM	1	25	14.77	14.62	14.42		
10	64QAM	1	49	14.82	14.74	14.46		
10	64QAM	25	0	13.74	13.60	13.62	14	3
10	64QAM	25	12	13.65	13.66	13.60		
10	64QAM	25	25	13.60	13.85	13.53		
10	64QAM	50	0	13.44	13.59	13.77		
10	256QAM	1	0	11.56	11.55	11.54	12	5
10	256QAM	1	25	11.76	11.89	11.49		
10	256QAM	1	49	11.63	11.49	11.60		
10	256QAM	25	0	11.69	11.77	11.52	12	5
10	256QAM	25	12	11.62	11.77	11.48		
10	256QAM	25	25	11.66	11.67	11.53		
10	256QAM	50	0	11.83	11.74	11.50		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.66	16.63	16.53	17	0
5	QPSK	1	12	16.50	16.59	16.40		
5	QPSK	1	24	16.53	16.60	16.41		
5	QPSK	12	0	15.56	15.78	15.64	16	1
5	QPSK	12	7	15.61	15.70	15.64		
5	QPSK	12	13	15.57	15.75	15.46		
5	QPSK	25	0	15.71	15.79	15.68		
5	16QAM	1	0	15.45	15.85	15.58	16	1
5	16QAM	1	12	15.79	15.64	15.66		
5	16QAM	1	24	15.67	15.73	15.53		
5	16QAM	12	0	14.57	14.59	14.65	15	2
5	16QAM	12	7	14.78	14.61	14.38		
5	16QAM	12	13	14.76	14.69	14.67		
5	16QAM	25	0	14.56	14.72	14.70		
5	64QAM	1	0	14.65	14.59	14.40	15	2
5	64QAM	1	12	14.74	14.65	14.42		
5	64QAM	1	24	14.81	14.66	14.56		
5	64QAM	12	0	13.70	13.63	13.59	14	3
5	64QAM	12	7	13.53	13.57	13.71		
5	64QAM	12	13	13.64	13.84	13.43		
5	64QAM	25	0	13.51	13.69	13.62		
5	256QAM	1	0	11.58	11.56	11.50	12	5
5	256QAM	1	12	11.78	11.86	11.52		
5	256QAM	1	24	11.64	11.46	11.57		
5	256QAM	12	0	11.61	11.72	11.60	12	5
5	256QAM	12	7	11.62	11.76	11.48		
5	256QAM	12	13	11.64	11.75	11.64		
5	256QAM	25	0	11.69	11.71	11.42		

Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.88	17.01	17.09	16.90	16.85	18.3	0
20	QPSK	1	49	16.98	16.96	17.02	16.91	16.93		
20	QPSK	1	99	16.89	16.88	17.00	16.89	16.90		
20	QPSK	50	0	16.83	16.91	17.06	16.83	16.73	18.3	0
20	QPSK	50	24	16.94	16.86	16.90	16.83	16.87		
20	QPSK	50	50	16.86	16.86	16.97	16.76	16.87		
20	QPSK	100	0	16.82	16.93	17.04	16.87	16.80		
20	16QAM	1	0	16.95	16.85	16.92	16.86	16.88	18.3	0
20	16QAM	1	49	16.86	16.81	16.94	16.81	16.77		
20	16QAM	1	99	16.77	16.99	17.03	16.79	16.82		
20	16QAM	50	0	16.88	16.91	16.97	16.78	16.83	18	0.3
20	16QAM	50	24	16.80	16.79	16.98	16.83	16.80		
20	16QAM	50	50	16.83	16.90	17.01	16.84	16.73		
20	16QAM	100	0	16.88	16.93	16.98	16.80	16.89		
20	64QAM	1	0	16.86	16.93	17.04	16.81	16.77	18	0.3
20	64QAM	1	49	16.96	16.82	16.91	16.87	16.88		
20	64QAM	1	99	16.85	16.85	16.94	16.77	16.80		
20	64QAM	50	0	15.71	16.09	16.13	15.90	15.87	17	1.3
20	64QAM	50	24	15.68	16.12	16.08	15.98	15.74		
20	64QAM	50	50	15.83	16.03	16.08	16.00	15.78		
20	64QAM	100	0	15.72	16.02	16.06	16.01	15.95		
20	256QAM	1	0	13.70	14.02	13.97	13.79	13.86	15	3.3
20	256QAM	1	49	13.95	14.01	14.17	13.79	13.85		
20	256QAM	1	99	13.96	13.83	14.00	13.94	13.68		
20	256QAM	50	0	13.74	14.04	13.98	13.84	13.81	15	3.3
20	256QAM	50	24	13.75	14.08	14.13	13.98	13.80		
20	256QAM	50	50	13.82	13.92	14.02	14.01	13.70		
20	256QAM	100	0	13.82	13.98	14.26	13.90	13.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.75	16.98	16.99	16.77	16.72	18	0
15	QPSK	1	37	16.91	16.93	16.95	16.86	16.80		
15	QPSK	1	74	16.79	16.74	16.93	16.77	16.87		
15	QPSK	36	0	16.76	16.79	16.96	16.77	16.66	18.3	0
15	QPSK	36	20	16.86	16.81	16.77	16.73	16.80		
15	QPSK	36	39	16.75	16.76	16.93	16.71	16.80		
15	QPSK	75	0	16.71	16.81	16.91	16.80	16.74		
15	16QAM	1	0	16.81	16.80	16.86	16.79	16.80	18.3	0
15	16QAM	1	37	16.75	16.70	16.82	16.77	16.74		
15	16QAM	1	74	16.64	16.85	17.00	16.66	16.78		
15	16QAM	36	0	16.85	16.87	16.86	16.67	16.76	18	0.3
15	16QAM	36	20	16.77	16.66	16.96	16.79	16.77		
15	16QAM	36	39	16.71	16.84	16.99	16.70	16.67		
15	16QAM	75	0	16.74	16.81	16.89	16.78	16.87		
15	64QAM	1	0	16.82	16.81	17.02	16.77	16.70	18	0.3
15	64QAM	1	37	16.90	16.77	16.80	16.80	16.82		
15	64QAM	1	74	16.83	16.72	16.81	16.70	16.72		
15	64QAM	36	0	15.94	15.95	16.26	16.07	15.93	17	1.3
15	64QAM	36	20	15.96	15.99	16.14	15.83	15.85		
15	64QAM	36	39	15.96	15.99	16.07	15.94	15.77		
15	64QAM	75	0	15.64	15.99	15.88	15.89	15.88		
15	256QAM	1	0	13.67	13.87	13.83	13.69	13.72	15	3.3
15	256QAM	1	37	13.80	13.98	14.05	13.63	13.69		
15	256QAM	1	74	13.91	13.75	13.89	13.89	13.61		
15	256QAM	36	0	13.69	13.98	13.84	13.74	13.73	15	3.3
15	256QAM	36	20	13.59	14.01	14.02	13.95	13.75		
15	256QAM	36	39	13.71	13.87	13.89	13.83	13.61		
15	256QAM	75	0	13.69	13.88	14.10	13.82	13.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.75	16.88	16.99	16.87	16.72	18	0
10	QPSK	1	25	16.91	16.94	16.89	16.80	16.87		
10	QPSK	1	49	16.77	16.77	16.88	16.83	16.77		
10	QPSK	25	0	16.69	16.87	17.01	16.76	16.62	18.3	0
10	QPSK	25	12	16.83	16.76	16.81	16.72	16.79		
10	QPSK	25	25	16.83	16.82	16.90	16.66	16.83		
10	QPSK	50	0	16.78	16.84	16.91	16.76	16.77		
10	16QAM	1	0	16.83	16.76	16.87	16.73	16.74	18.3	0
10	16QAM	1	25	16.82	16.74	16.91	16.78	16.74		
10	16QAM	1	49	16.64	16.91	17.01	16.66	16.78		
10	16QAM	25	0	16.82	16.80	16.90	16.68	16.71	18	0.3
10	16QAM	25	12	16.74	16.68	16.95	16.73	16.77		
10	16QAM	25	25	16.71	16.78	16.94	16.75	16.61		
10	16QAM	50	0	16.83	16.90	16.85	16.66	16.79		
10	64QAM	1	0	16.74	16.87	16.99	16.68	16.74	18	0.3
10	64QAM	1	25	16.88	16.74	16.88	16.73	16.85		
10	64QAM	1	49	16.79	16.83	16.84	16.67	16.74		
10	64QAM	25	0	15.63	16.02	16.04	15.80	15.75	17	1.3
10	64QAM	25	12	15.58	16.02	15.91	15.95	15.61		
10	64QAM	25	25	15.72	15.90	15.94	15.91	15.71		
10	64QAM	50	0	15.64	16.00	15.90	15.90	15.87		
10	256QAM	1	0	13.73	14.06	14.10	14.08	13.95	15	3.3
10	256QAM	1	25	13.77	14.02	14.21	13.84	13.80		
10	256QAM	1	49	13.93	14.05	14.15	13.96	13.76		
10	256QAM	25	0	13.65	13.96	13.96	13.80	13.78	15	3.3
10	256QAM	25	12	13.61	13.98	13.99	13.89	13.74		
10	256QAM	25	25	13.64	13.77	13.85	13.84	13.55		
10	256QAM	50	0	13.70	13.88	14.19	13.84	13.69		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.81	16.92	17.02	16.85	16.76	18	0
5	QPSK	1	12	16.84	16.91	16.95	16.78	16.87		
5	QPSK	1	24	16.76	16.76	16.97	16.85	16.81		
5	QPSK	12	0	16.73	16.84	17.03	16.72	16.68	18.3	0
5	QPSK	12	7	16.80	16.74	16.87	16.78	16.78		
5	QPSK	12	13	16.80	16.84	16.90	16.70	16.73		
5	QPSK	25	0	16.76	16.90	16.99	16.84	16.71		
5	16QAM	1	0	16.82	16.82	16.84	16.74	16.76	18.3	0
5	16QAM	1	12	16.77	16.68	16.87	16.72	16.65		
5	16QAM	1	24	16.73	16.92	16.90	16.66	16.69		
5	16QAM	12	0	16.83	16.87	16.92	16.74	16.72	18	0.3
5	16QAM	12	7	16.67	16.70	16.92	16.80	16.77		
5	16QAM	12	13	16.70	16.81	16.88	16.72	16.66		
5	16QAM	25	0	16.85	16.90	16.96	16.78	16.87		
5	64QAM	1	0	16.75	16.83	16.95	16.74	16.73	18	0.3
5	64QAM	1	12	16.83	16.69	16.88	16.74	16.82		
5	64QAM	1	24	16.74	16.75	16.81	16.66	16.76		
5	64QAM	12	0	15.66	16.03	16.06	15.74	15.70	17	1.3
5	64QAM	12	7	15.59	15.94	15.95	15.94	15.65		
5	64QAM	12	13	15.67	15.87	15.92	15.97	15.71		
5	64QAM	25	0	15.66	15.96	15.98	15.94	15.86		
5	256QAM	1	0	13.63	13.89	13.92	13.70	13.84	15	3.3
5	256QAM	1	12	13.85	13.91	14.12	13.72	13.80		
5	256QAM	1	24	13.89	13.79	13.92	13.82	13.65		
5	256QAM	12	0	13.69	13.99	13.88	13.70	13.63	15	3.3
5	256QAM	12	7	13.64	13.93	14.08	13.88	13.77		
5	256QAM	12	13	13.72	13.78	13.99	13.97	13.65		
5	256QAM	25	0	13.77	13.94	14.15	13.77	13.71		

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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	18.47	18.59	18.72	18.51	18.49	19.9	0
20	QPSK	1	49	18.55	18.60	18.66	18.57	18.50		
20	QPSK	1	99	18.48	18.46	18.61	18.47	18.44		
20	QPSK	50	0	18.48	18.50	18.70	18.45	18.38	19.9	0
20	QPSK	50	24	18.58	18.50	18.55	18.44	18.49		
20	QPSK	50	50	18.48	18.52	18.54	18.35	18.43		
20	QPSK	100	0	18.46	18.49	18.64	18.43	18.41		
20	16QAM	1	0	18.42	18.52	18.62	18.48	18.38	19.9	0
20	16QAM	1	49	18.49	18.49	18.53	18.52	18.46		
20	16QAM	1	99	18.43	18.32	18.59	18.42	18.38		
20	16QAM	50	0	18.34	18.46	18.59	18.36	18.25	19.9	0
20	16QAM	50	24	18.46	18.37	18.49	18.36	18.46		
20	16QAM	50	50	18.44	18.46	18.50	18.32	18.40		
20	16QAM	100	0	18.34	18.45	18.60	18.35	18.31		
20	64QAM	1	0	18.38	18.49	18.63	18.38	18.41	19.9	0
20	64QAM	1	49	18.48	18.57	18.56	18.52	18.37		
20	64QAM	1	99	18.34	18.33	18.59	18.37	18.33		
20	64QAM	50	0	18.42	18.37	18.62	18.39	18.26	19.9	0
20	64QAM	50	24	18.54	18.48	18.47	18.36	18.41		
20	64QAM	50	50	18.36	18.43	18.51	18.21	18.33		
20	64QAM	100	0	18.35	18.46	18.58	18.33	18.36		
20	256QAM	1	0	17.46	17.18	17.54	17.24	17.40	18	1.9
20	256QAM	1	49	17.36	17.32	17.41	17.24	17.22		
20	256QAM	1	99	17.31	17.29	17.64	17.23	17.44		
20	256QAM	50	0	17.40	17.20	17.52	17.25	17.29	18	1.9
20	256QAM	50	24	17.46	17.44	17.66	17.33	17.38		
20	256QAM	50	50	17.32	17.23	17.58	17.30	17.39		
20	256QAM	100	0	17.40	17.31	17.52	17.22	17.26		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.38	18.47	18.59	18.41	18.41	20	0
15	QPSK	1	37	18.50	18.48	18.59	18.53	18.41		
15	QPSK	1	74	18.40	18.35	18.49	18.37	18.31		
15	QPSK	36	0	18.37	18.39	18.64	18.37	18.25	19.9	0
15	QPSK	36	20	18.44	18.45	18.46	18.33	18.37		
15	QPSK	36	39	18.46	18.38	18.44	18.31	18.36		
15	QPSK	75	0	18.34	18.39	18.58	18.32	18.29		
15	16QAM	1	0	18.30	18.39	18.59	18.42	18.28	19.9	0
15	16QAM	1	37	18.38	18.40	18.51	18.39	18.41		
15	16QAM	1	74	18.29	18.23	18.52	18.34	18.36		
15	16QAM	36	0	18.23	18.35	18.45	18.26	18.13	19.9	0
15	16QAM	36	20	18.40	18.32	18.40	18.24	18.33		
15	16QAM	36	39	18.40	18.38	18.38	18.26	18.33		
15	16QAM	75	0	18.22	18.39	18.47	18.30	18.28		
15	64QAM	1	0	18.27	18.43	18.56	18.26	18.35	19.9	0
15	64QAM	1	37	18.40	18.45	18.42	18.46	18.32		
15	64QAM	1	74	18.28	18.21	18.49	18.23	18.30		
15	64QAM	36	0	18.31	18.31	18.54	18.33	18.17	19.9	0
15	64QAM	36	20	18.48	18.37	18.37	18.27	18.34		
15	64QAM	36	39	18.32	18.37	18.42	18.18	18.25		
15	64QAM	75	0	18.28	18.43	18.56	18.19	18.32		
15	256QAM	1	0	17.35	17.08	17.36	17.16	17.26	18	1.9
15	256QAM	1	37	17.22	17.24	17.29	17.13	17.13		
15	256QAM	1	74	17.21	17.11	17.57	17.08	17.33		
15	256QAM	36	0	17.37	17.08	17.41	17.11	17.18	18	1.9
15	256QAM	36	20	17.35	17.37	17.54	17.28	17.22		
15	256QAM	36	39	17.29	17.07	17.50	17.14	17.30		
15	256QAM	75	0	17.23	17.14	17.43	17.17	17.21		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.35	18.55	18.60	18.40	18.37	20	0
10	QPSK	1	25	18.44	18.52	18.57	18.47	18.39		
10	QPSK	1	49	18.44	18.40	18.56	18.34	18.40		
10	QPSK	25	0	18.37	18.48	18.66	18.41	18.36	19.9	0
10	QPSK	25	12	18.49	18.39	18.43	18.39	18.46		
10	QPSK	25	25	18.43	18.40	18.50	18.32	18.31		
10	QPSK	50	0	18.40	18.42	18.54	18.38	18.30		
10	16QAM	1	0	18.34	18.48	18.52	18.39	18.27	19.9	0
10	16QAM	1	25	18.41	18.39	18.49	18.48	18.42		
10	16QAM	1	49	18.30	18.28	18.52	18.37	18.26		
10	16QAM	25	0	18.29	18.35	18.46	18.23	18.19	19.9	0
10	16QAM	25	12	18.38	18.31	18.46	18.30	18.42		
10	16QAM	25	25	18.34	18.35	18.37	18.26	18.34		
10	16QAM	50	0	18.25	18.38	18.54	18.30	18.20		
10	64QAM	1	0	18.32	18.42	18.56	18.36	18.37	19.9	0
10	64QAM	1	25	18.38	18.54	18.46	18.47	18.27		
10	64QAM	1	49	18.32	18.21	18.48	18.30	18.28		
10	64QAM	25	0	18.31	18.24	18.52	18.29	18.15	19.9	0
10	64QAM	25	12	18.46	18.35	18.40	18.34	18.28		
10	64QAM	25	25	18.23	18.39	18.38	18.18	18.26		
10	64QAM	50	0	18.32	18.38	18.50	18.23	18.24		
10	256QAM	1	0	17.30	17.07	17.50	17.09	17.33	18	1.9
10	256QAM	1	25	17.26	17.27	17.34	17.10	17.15		
10	256QAM	1	49	17.28	17.12	17.52	17.15	17.28		
10	256QAM	25	0	17.23	17.06	17.40	17.18	17.19	18	1.9
10	256QAM	25	12	17.34	17.30	17.56	17.15	17.22		
10	256QAM	25	25	17.27	17.20	17.51	17.21	17.30		
10	256QAM	50	0	17.30	17.17	17.48	17.13	17.11		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.39	18.57	18.66	18.38	18.39	20	0
5	QPSK	1	12	18.44	18.58	18.59	18.45	18.44		
5	QPSK	1	24	18.35	18.35	18.54	18.44	18.42		
5	QPSK	12	0	18.42	18.46	18.65	18.38	18.27	19.9	0
5	QPSK	12	7	18.51	18.36	18.43	18.36	18.40		
5	QPSK	12	13	18.43	18.43	18.42	18.24	18.31		
5	QPSK	25	0	18.38	18.46	18.61	18.30	18.32		
5	16QAM	1	0	18.38	18.45	18.53	18.38	18.30	19.9	0
5	16QAM	1	12	18.45	18.37	18.45	18.43	18.34		
5	16QAM	1	24	18.37	18.18	18.52	18.40	18.33		
5	16QAM	12	0	18.32	18.34	18.51	18.32	18.11	19.9	0
5	16QAM	12	7	18.35	18.26	18.45	18.27	18.35		
5	16QAM	12	13	18.37	18.32	18.44	18.22	18.32		
5	16QAM	25	0	18.24	18.35	18.52	18.32	18.22		
5	64QAM	1	0	18.26	18.43	18.52	18.27	18.38	19.9	0
5	64QAM	1	12	18.42	18.48	18.49	18.47	18.26		
5	64QAM	1	24	18.30	18.26	18.51	18.29	18.20		
5	64QAM	12	0	18.40	18.33	18.55	18.26	18.22	19.9	0
5	64QAM	12	7	18.42	18.35	18.34	18.26	18.36		
5	64QAM	12	13	18.30	18.30	18.43	18.11	18.21		
5	64QAM	25	0	18.22	18.34	18.46	18.23	18.24		
5	256QAM	1	0	17.38	17.11	17.49	17.13	17.34	18	1.9
5	256QAM	1	12	17.34	17.22	17.38	17.15	17.10		
5	256QAM	1	24	17.16	17.23	17.53	17.11	17.29		
5	256QAM	12	0	17.37	17.33	17.51	17.44	17.33	18	1.9
5	256QAM	12	7	17.41	17.32	17.58	17.26	17.23		
5	256QAM	12	13	17.21	17.19	17.41	17.14	17.21		
5	256QAM	25	0	17.33	17.23	17.44	17.20	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3480	3500	3540		
20	QPSK	1	0	15.22	15.35	15.30	16.7	0
20	QPSK	1	49	15.08	15.25	15.09		
20	QPSK	1	99	15.04	15.20	15.31		
20	QPSK	50	0	15.09	15.27	15.20	16.7	0
20	QPSK	50	24	15.01	15.11	14.98		
20	QPSK	50	50	14.96	15.14	15.24		
20	QPSK	100	0	15.12	15.23	15.16		
20	16QAM	1	0	15.13	15.30	15.24	16.7	0
20	16QAM	1	49	14.96	15.19	14.97		
20	16QAM	1	99	14.95	15.14	15.20		
20	16QAM	50	0	15.18	15.29	15.21	16.7	0
20	16QAM	50	24	14.96	15.21	15.05		
20	16QAM	50	50	14.91	15.08	15.19		
20	16QAM	100	0	14.95	15.17	15.07		
20	64QAM	1	0	14.98	15.09	14.90	16.7	0
20	64QAM	1	49	14.91	15.11	15.10		
20	64QAM	1	99	15.04	15.10	15.09		
20	64QAM	50	0	15.10	15.24	15.23	16.7	0
20	64QAM	50	24	15.15	15.31	15.19		
20	64QAM	50	50	15.06	15.13	15.02		
20	64QAM	100	0	14.91	15.11	15.18		
20	256QAM	1	0	15.04	15.23	15.09	16.7	0
20	256QAM	1	49	14.91	15.02	14.92		
20	256QAM	1	99	14.87	15.07	15.15		
20	256QAM	50	0	15.10	15.17	15.07	16.7	0
20	256QAM	50	24	15.10	15.17	15.19		
20	256QAM	50	50	14.83	15.06	14.84		
20	256QAM	100	0	14.90	15.10	15.16		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3477.5	3500	3542.5		
15	QPSK	1	0	15.10	15.23	15.25	16.7	0
15	QPSK	1	37	15.00	15.23	14.96		
15	QPSK	1	74	14.92	15.14	15.21		
15	QPSK	36	0	15.02	15.19	15.07	16.7	0
15	QPSK	36	20	14.92	15.05	14.88		
15	QPSK	36	39	14.86	15.10	15.10		
15	QPSK	75	0	15.01	15.11	15.03		
15	16QAM	1	0	14.99	15.26	15.11	16.7	0
15	16QAM	1	37	14.87	15.13	14.90		
15	16QAM	1	74	14.81	15.06	15.07		
15	16QAM	36	0	15.15	15.17	15.16	16.7	0
15	16QAM	36	20	14.90	15.15	15.01		
15	16QAM	36	39	14.83	14.99	15.08		
15	16QAM	75	0	14.93	15.04	14.96		
15	64QAM	1	0	14.86	15.04	14.77	16.7	0
15	64QAM	1	37	14.87	14.99	15.00		
15	64QAM	1	74	15.01	14.98	15.05		
15	64QAM	36	0	15.06	15.16	15.21	16.7	0
15	64QAM	36	20	15.10	15.20	15.06		
15	64QAM	36	39	14.97	15.06	14.96		
15	64QAM	75	0	14.81	15.03	15.09		
15	256QAM	1	0	14.93	15.19	14.99	16.7	0
15	256QAM	1	37	14.89	14.91	14.80		
15	256QAM	1	74	14.80	14.96	15.06		
15	256QAM	36	0	15.01	15.08	15.05	16.7	0
15	256QAM	36	20	15.02	15.11	15.08		
15	256QAM	36	39	14.69	14.99	14.81		
15	256QAM	75	0	14.84	15.07	15.04		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	15.10	15.25	15.26	16.7	0
10	QPSK	1	25	14.95	15.18	15.03		
10	QPSK	1	49	14.94	15.12	15.20		
10	QPSK	25	0	14.96	15.18	15.10	16.7	0
10	QPSK	25	12	14.90	15.01	14.95		
10	QPSK	25	25	14.84	15.12	15.13		
10	QPSK	50	0	15.08	15.17	15.05		
10	16QAM	1	0	15.00	15.18	15.11	16.7	0
10	16QAM	1	25	14.88	15.07	14.92		
10	16QAM	1	49	14.89	15.09	15.09		
10	16QAM	25	0	15.15	15.16	15.14	16.7	0
10	16QAM	25	12	14.87	15.11	14.93		
10	16QAM	25	25	14.82	14.96	15.14		
10	16QAM	50	0	14.87	15.10	14.93		
10	64QAM	1	0	14.93	14.97	14.85	16.7	0
10	64QAM	1	25	14.80	14.99	15.05		
10	64QAM	1	49	14.97	14.98	15.07		
10	64QAM	25	0	15.00	15.22	15.11	16.7	0
10	64QAM	25	12	15.05	15.25	15.14		
10	64QAM	25	25	15.00	15.07	14.94		
10	64QAM	50	0	14.80	15.06	15.05		
10	256QAM	1	0	14.93	15.14	14.96	16.7	0
10	256QAM	1	25	14.82	14.99	14.87		
10	256QAM	1	49	14.78	14.93	15.02		
10	256QAM	25	0	15.07	15.06	14.99	16.7	0
10	256QAM	25	12	15.00	15.13	15.08		
10	256QAM	25	25	14.69	15.00	14.78		
10	256QAM	50	0	14.80	14.98	15.10		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	15.14	15.31	15.22	16.7	0
5	QPSK	1	12	14.94	15.19	15.06		
5	QPSK	1	24	14.93	15.10	15.25		
5	QPSK	12	0	15.02	15.15	15.15	16.7	0
5	QPSK	12	7	14.92	15.00	14.91		
5	QPSK	12	13	14.86	15.03	15.16		
5	QPSK	25	0	15.02	15.12	15.07		
5	16QAM	1	0	15.11	15.18	15.14	16.7	0
5	16QAM	1	12	14.88	15.07	14.87		
5	16QAM	1	24	14.85	15.09	15.07		
5	16QAM	12	0	15.13	15.15	15.13	16.7	0
5	16QAM	12	7	14.84	15.18	14.93		
5	16QAM	12	13	14.78	14.95	15.14		
5	16QAM	25	0	14.90	15.08	14.96		
5	64QAM	1	0	14.95	14.99	14.77	16.7	0
5	64QAM	1	12	14.78	15.09	15.06		
5	64QAM	1	24	14.97	15.03	14.96		
5	64QAM	12	0	15.08	15.14	15.13	16.7	0
5	64QAM	12	7	15.04	15.07	15.07		
5	64QAM	12	13	15.01	15.06	14.89		
5	64QAM	25	0	14.87	15.01	15.10		
5	256QAM	1	0	14.95	15.12	15.02	16.7	0
5	256QAM	1	12	14.89	14.91	14.87		
5	256QAM	1	24	14.80	14.97	15.06		
5	256QAM	12	0	15.02	15.13	14.96	16.7	0
5	256QAM	12	7	14.99	15.04	15.13		
5	256QAM	12	13	14.80	15.03	14.79		
5	256QAM	25	0	14.84	15.03	15.07		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	15.37	15.42	15.31	15.20	16.4	0
20	QPSK	1	49	15.25	15.31	15.07	15.10		
20	QPSK	1	99	15.21	15.24	15.10	15.18		
20	QPSK	50	0	15.24	15.35	15.22	15.04	16.4	0
20	QPSK	50	24	15.28	15.23	15.00	15.16		
20	QPSK	50	50	15.20	15.21	15.07	15.16		
20	QPSK	100	0	15.25	15.35	15.13	15.17		
20	16QAM	1	0	15.30	15.29	15.29	15.10	16.4	0
20	16QAM	1	49	15.17	15.20	14.97	15.05		
20	16QAM	1	99	15.17	15.14	15.03	15.09		
20	16QAM	50	0	15.11	15.25	15.11	14.92	16.4	0
20	16QAM	50	24	15.25	15.15	14.94	15.03		
20	16QAM	50	50	15.06	15.12	14.99	15.08		
20	16QAM	100	0	15.18	15.30	15.08	15.04		
20	64QAM	1	0	15.27	15.29	15.19	15.11	16.4	0
20	64QAM	1	49	15.17	15.18	14.95	14.97		
20	64QAM	1	99	15.12	15.18	15.00	15.04		
20	64QAM	50	0	15.17	15.25	15.14	14.99	16.4	0
20	64QAM	50	24	15.15	15.17	14.94	15.14		
20	64QAM	50	50	15.09	15.13	15.04	15.13		
20	64QAM	100	0	15.16	15.31	14.99	15.08		
20	256QAM	1	0	15.30	15.36	15.19	15.10	16.4	0
20	256QAM	1	49	15.11	15.28	14.99	15.04		
20	256QAM	1	99	15.17	15.10	15.03	15.13		
20	256QAM	50	0	15.21	15.23	15.19	14.98	16.4	0
20	256QAM	50	24	15.20	15.16	14.92	15.08		
20	256QAM	50	50	15.11	15.19	15.02	15.14		
20	256QAM	100	0	15.13	15.28	15.10	15.04		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	15.30	15.31	15.21	15.07	16.4	0
15	QPSK	1	37	15.18	15.25	14.95	14.98		
15	QPSK	1	74	15.17	15.15	14.99	15.13		
15	QPSK	36	0	15.18	15.23	15.14	14.94	16.4	0
15	QPSK	36	20	15.22	15.16	14.97	15.10		
15	QPSK	36	39	15.10	15.13	14.99	15.11		
15	QPSK	75	0	15.12	15.23	15.08	15.08		
15	16QAM	1	0	15.22	15.15	15.22	15.03	16.4	0
15	16QAM	1	37	15.03	15.12	14.89	15.03		
15	16QAM	1	74	15.05	15.10	14.97	14.99		
15	16QAM	36	0	15.04	15.22	15.00	14.88	16.4	0
15	16QAM	36	20	15.12	15.10	14.85	14.92		
15	16QAM	36	39	14.94	15.08	14.93	14.99		
15	16QAM	75	0	15.13	15.27	15.02	15.02		
15	64QAM	1	0	15.17	15.27	15.06	15.08	16.4	0
15	64QAM	1	37	15.15	15.09	14.81	14.86		
15	64QAM	1	74	15.03	15.15	14.90	14.99		
15	64QAM	36	0	15.12	15.21	15.06	14.90	16.4	0
15	64QAM	36	20	15.11	15.08	14.85	15.05		
15	64QAM	36	39	15.04	15.02	15.00	15.06		
15	64QAM	75	0	15.08	15.23	14.89	14.96		
15	256QAM	1	0	15.20	15.30	15.16	14.96	16.4	0
15	256QAM	1	37	15.02	15.24	14.96	15.00		
15	256QAM	1	74	15.11	15.05	14.92	15.03		
15	256QAM	36	0	15.18	15.12	15.12	14.84	16.4	0
15	256QAM	36	20	15.14	15.12	14.85	15.02		
15	256QAM	36	39	14.97	15.10	14.91	15.01		
15	256QAM	75	0	15.05	15.21	15.00	14.98		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	15.24	15.39	15.19	15.14	16.4	0
10	QPSK	1	25	15.15	15.20	14.97	15.01		
10	QPSK	1	49	15.13	15.16	15.02	15.05		
10	QPSK	25	0	15.16	15.31	15.20	14.93	16.4	0
10	QPSK	25	12	15.15	15.14	14.88	15.10		
10	QPSK	25	25	15.15	15.19	14.95	15.06		
10	QPSK	50	0	15.23	15.23	15.05	15.14		
10	16QAM	1	0	15.26	15.26	15.21	15.02	16.4	0
10	16QAM	1	25	15.07	15.11	14.87	14.92		
10	16QAM	1	49	15.11	15.07	14.92	14.96		
10	16QAM	25	0	14.97	15.11	15.09	14.82	16.4	0
10	16QAM	25	12	15.20	15.05	14.81	14.90		
10	16QAM	25	25	15.01	15.08	14.91	15.00		
10	16QAM	50	0	15.05	15.19	14.95	15.02		
10	64QAM	1	0	15.25	15.20	15.10	14.97	16.4	0
10	64QAM	1	25	15.06	15.14	14.91	14.92		
10	64QAM	1	49	15.05	15.09	14.93	14.91		
10	64QAM	25	0	15.09	15.17	15.04	14.86	16.4	0
10	64QAM	25	12	15.07	15.14	14.91	15.04		
10	64QAM	25	25	14.98	15.08	15.00	15.08		
10	64QAM	50	0	15.06	15.25	14.87	15.04		
10	256QAM	1	0	15.22	15.25	15.05	15.08	16.4	0
10	256QAM	1	25	15.06	15.17	14.94	14.91		
10	256QAM	1	49	15.11	15.05	14.98	15.08		
10	256QAM	25	0	15.16	15.16	15.12	14.93	16.4	0
10	256QAM	25	12	15.13	15.03	14.82	15.06		
10	256QAM	25	25	15.04	15.06	14.93	15.11		
10	256QAM	50	0	15.11	15.17	14.99	15.02		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	15.30	15.30	15.21	15.11	16.4	0
5	QPSK	1	12	15.19	15.22	15.03	15.06		
5	QPSK	1	24	15.18	15.22	15.00	15.06		
5	QPSK	12	0	15.15	15.31	15.18	14.95	16.4	0
5	QPSK	12	7	15.22	15.12	14.97	15.09		
5	QPSK	12	13	15.12	15.09	15.03	15.04		
5	QPSK	25	0	15.21	15.22	15.01	15.03		
5	16QAM	1	0	15.27	15.23	15.27	15.04	16.4	0
5	16QAM	1	12	15.10	15.10	14.95	14.96		
5	16QAM	1	24	15.14	15.12	15.01	14.97		
5	16QAM	12	0	15.00	15.20	14.98	14.84	16.4	0
5	16QAM	12	7	15.19	15.04	14.89	14.98		
5	16QAM	12	13	14.93	15.02	14.96	14.99		
5	16QAM	25	0	15.09	15.23	15.04	15.01		
5	64QAM	1	0	15.25	15.19	15.17	15.07	16.4	0
5	64QAM	1	12	15.03	15.15	14.93	14.88		
5	64QAM	1	24	15.02	15.15	14.96	14.95		
5	64QAM	12	0	15.10	15.16	15.07	14.92	16.4	0
5	64QAM	12	7	15.02	15.11	14.91	15.11		
5	64QAM	12	13	14.96	15.05	14.95	15.04		
5	64QAM	25	0	15.03	15.23	14.92	15.05		
5	256QAM	1	0	15.22	15.30	15.08	14.99	16.4	0
5	256QAM	1	12	14.99	15.19	14.88	15.00		
5	256QAM	1	24	15.08	14.97	14.92	15.08		
5	256QAM	12	0	15.12	15.18	15.14	14.91	16.4	0
5	256QAM	12	7	15.12	15.10	14.80	15.01		
5	256QAM	12	13	15.03	15.08	14.95	15.08		
5	256QAM	25	0	15.03	15.16	15.07	14.93		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.80	18.86	18.77	20.2	0
20	QPSK	1	49	18.66	18.75	18.68		
20	QPSK	1	99	18.77	18.69	18.74		
20	QPSK	50	0	18.75	18.81	18.78	20.2	0
20	QPSK	50	24	18.53	18.74	18.56		
20	QPSK	50	50	18.67	18.54	18.61		
20	QPSK	100	0	18.71	18.77	18.73		
20	16QAM	1	0	18.72	18.77	18.72	20.2	0
20	16QAM	1	49	18.62	18.82	18.54		
20	16QAM	1	99	18.61	18.64	18.67		
20	16QAM	50	0	18.66	18.83	18.77	20.2	0
20	16QAM	50	24	18.63	18.64	18.59		
20	16QAM	50	50	18.57	18.53	18.59		
20	16QAM	100	0	18.77	18.84	18.76		
20	64QAM	1	0	18.69	18.80	18.69	20.2	0
20	64QAM	1	49	18.60	18.79	18.63		
20	64QAM	1	99	18.65	18.58	18.61		
20	64QAM	50	0	18.75	18.77	18.67	20.2	0
20	64QAM	50	24	18.73	18.82	18.68		
20	64QAM	50	50	18.59	18.72	18.55		
20	64QAM	100	0	18.67	18.60	18.62		
20	256QAM	1	0	17.72	17.89	17.61	19	1.2
20	256QAM	1	49	17.73	17.74	17.85		
20	256QAM	1	99	17.92	17.74	17.80		
20	256QAM	50	0	17.76	17.92	17.64	19	1.2
20	256QAM	50	24	17.71	17.89	17.64		
20	256QAM	50	50	17.89	17.71	17.69		
20	256QAM	100	0	17.70	17.86	17.65		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.76	18.74	18.72	20.2	0
15	QPSK	1	37	18.61	18.66	18.59		
15	QPSK	1	74	18.64	18.58	18.65		
15	QPSK	36	0	18.65	18.71	18.74	20.2	0
15	QPSK	36	20	18.48	18.66	18.42		
15	QPSK	36	39	18.57	18.50	18.57		
15	QPSK	75	0	18.68	18.70	18.62		
15	16QAM	1	0	18.62	18.73	18.65	20.2	0
15	16QAM	1	37	18.53	18.76	18.41		
15	16QAM	1	74	18.52	18.54	18.64		
15	16QAM	36	0	18.52	18.74	18.73	20.2	0
15	16QAM	36	20	18.55	18.59	18.52		
15	16QAM	36	39	18.53	18.44	18.48		
15	16QAM	75	0	18.65	18.70	18.72		
15	64QAM	1	0	18.60	18.74	18.56	20.2	0
15	64QAM	1	37	18.58	18.69	18.58		
15	64QAM	1	74	18.54	18.52	18.48		
15	64QAM	36	0	18.72	18.69	18.58	20.2	0
15	64QAM	36	20	18.63	18.71	18.65		
15	64QAM	36	39	18.46	18.58	18.48		
15	64QAM	75	0	18.56	18.51	18.58		
15	256QAM	1	0	17.63	17.74	17.57	19	1.2
15	256QAM	1	37	17.56	17.64	17.80		
15	256QAM	1	74	17.82	17.62	17.65		
15	256QAM	36	0	17.66	17.87	17.62	19	1.2
15	256QAM	36	20	17.68	17.74	17.61		
15	256QAM	36	39	17.81	17.54	17.60		
15	256QAM	75	0	17.61	17.76	17.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.73	18.80	18.63	20.2	0
10	QPSK	1	25	18.52	18.69	18.65		
10	QPSK	1	49	18.71	18.59	18.65		
10	QPSK	25	0	18.63	18.71	18.66	20.2	0
10	QPSK	25	12	18.44	18.64	18.43		
10	QPSK	25	25	18.61	18.41	18.51		
10	QPSK	50	0	18.57	18.70	18.64		
10	16QAM	1	0	18.66	18.70	18.69	20.2	0
10	16QAM	1	25	18.52	18.72	18.48		
10	16QAM	1	49	18.47	18.55	18.64		
10	16QAM	25	0	18.52	18.70	18.66	20.2	0
10	16QAM	25	12	18.51	18.54	18.47		
10	16QAM	25	25	18.54	18.43	18.53		
10	16QAM	50	0	18.73	18.78	18.63		
10	64QAM	1	0	18.62	18.72	18.66	20.2	0
10	64QAM	1	25	18.57	18.69	18.51		
10	64QAM	1	49	18.59	18.55	18.50		
10	64QAM	25	0	18.64	18.75	18.57	20.2	0
10	64QAM	25	12	18.69	18.71	18.61		
10	64QAM	25	25	18.51	18.70	18.48		
10	64QAM	50	0	18.58	18.57	18.58		
10	256QAM	1	0	17.59	17.83	17.50	19	1.2
10	256QAM	1	25	17.59	17.70	17.73		
10	256QAM	1	49	17.86	17.67	17.67		
10	256QAM	25	0	17.61	17.89	17.56	19	1.2
10	256QAM	25	12	17.69	17.83	17.54		
10	256QAM	25	25	17.77	17.56	17.64		
10	256QAM	50	0	17.53	17.79	17.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.74	18.79	18.74	20.2	0
5	QPSK	1	12	18.61	18.65	18.55		
5	QPSK	1	24	18.65	18.64	18.69		
5	QPSK	12	0	18.62	18.69	18.74	20.2	0
5	QPSK	12	7	18.50	18.61	18.54		
5	QPSK	12	13	18.61	18.42	18.48		
5	QPSK	25	0	18.60	18.64	18.69		
5	16QAM	1	0	18.66	18.71	18.64	20.2	0
5	16QAM	1	12	18.50	18.68	18.47		
5	16QAM	1	24	18.50	18.51	18.61		
5	16QAM	12	0	18.59	18.78	18.72	20.2	0
5	16QAM	12	7	18.54	18.60	18.56		
5	16QAM	12	13	18.53	18.41	18.55		
5	16QAM	25	0	18.66	18.71	18.64		
5	64QAM	1	0	18.66	18.75	18.63	20.2	0
5	64QAM	1	12	18.51	18.66	18.60		
5	64QAM	1	24	18.62	18.46	18.55		
5	64QAM	12	0	18.69	18.75	18.64	20.2	0
5	64QAM	12	7	18.61	18.79	18.58		
5	64QAM	12	13	18.45	18.65	18.43		
5	64QAM	25	0	18.64	18.51	18.55		
5	256QAM	1	0	17.69	17.84	17.54	19	1.2
5	256QAM	1	12	17.65	17.59	17.71		
5	256QAM	1	24	17.79	17.61	17.76		
5	256QAM	12	0	17.60	17.89	17.49	19	1.2
5	256QAM	12	7	17.58	17.80	17.51		
5	256QAM	12	13	17.77	17.57	17.64		
5	256QAM	25	0	17.64	17.71	17.56		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.80	18.89	18.94	18.89	18.62	20.2	0
20	QPSK	1	49	18.66	18.72	18.88	18.76	18.61		
20	QPSK	1	99	18.64	18.79	18.72	18.77	18.66		
20	QPSK	50	0	18.69	18.84	18.90	18.84	18.56	20.2	0
20	QPSK	50	24	18.60	18.65	18.82	18.68	18.55		
20	QPSK	50	50	18.57	18.71	18.66	18.70	18.52		
20	QPSK	100	0	18.74	18.83	18.87	18.82	18.56		
20	16QAM	1	0	18.74	18.83	18.82	18.81	18.58	20.2	0
20	16QAM	1	49	18.61	18.70	18.85	18.63	18.52		
20	16QAM	1	99	18.58	18.66	18.70	18.70	18.53		
20	16QAM	50	0	18.77	18.76	18.88	18.79	18.60	20.2	0
20	16QAM	50	24	18.61	18.65	18.77	18.64	18.48		
20	16QAM	50	50	18.53	18.68	18.59	18.68	18.57		
20	16QAM	100	0	18.71	18.79	18.90	18.83	18.59		
20	64QAM	1	0	18.75	18.82	18.85	18.83	18.57	20.2	0
20	64QAM	1	49	18.58	18.70	18.81	18.65	18.49		
20	64QAM	1	99	18.61	18.77	18.61	18.65	18.63		
20	64QAM	50	0	18.39	18.38	18.58	18.44	18.39	20	0.2
20	64QAM	50	24	18.30	18.51	18.62	18.58	18.30		
20	64QAM	50	50	18.24	18.35	18.40	18.53	18.23		
20	64QAM	100	0	18.25	18.54	18.51	18.48	18.28		
20	256QAM	1	0	16.36	16.42	16.44	16.30	16.14	18	2.2
20	256QAM	1	49	16.50	16.50	16.42	16.43	16.24		
20	256QAM	1	99	16.40	16.41	16.59	16.53	16.22		
20	256QAM	50	0	16.41	16.40	16.54	16.55	16.18	18	2.2
20	256QAM	50	24	16.24	16.37	16.52	16.38	16.16		
20	256QAM	50	50	16.22	16.40	16.35	16.48	16.17		
20	256QAM	100	0	16.24	16.53	16.59	16.31	16.23		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.76	18.84	18.91	18.78	18.59	20	0
15	QPSK	1	37	18.56	18.64	18.79	18.71	18.51		
15	QPSK	1	74	18.53	18.71	18.64	18.70	18.58		
15	QPSK	36	0	18.62	18.77	18.85	18.75	18.46	20.2	0
15	QPSK	36	20	18.50	18.55	18.69	18.63	18.41		
15	QPSK	36	39	18.49	18.63	18.54	18.67	18.40		
15	QPSK	75	0	18.70	18.71	18.85	18.70	18.44		
15	16QAM	1	0	18.64	18.71	18.69	18.75	18.56	20.2	0
15	16QAM	1	37	18.49	18.66	18.77	18.56	18.47		
15	16QAM	1	74	18.51	18.57	18.67	18.65	18.46		
15	16QAM	36	0	18.68	18.71	18.75	18.74	18.57	20.2	0
15	16QAM	36	20	18.55	18.60	18.68	18.56	18.43		
15	16QAM	36	39	18.49	18.58	18.47	18.59	18.54		
15	16QAM	75	0	18.65	18.68	18.77	18.71	18.46		
15	64QAM	1	0	18.64	18.79	18.74	18.80	18.51	20.2	0
15	64QAM	1	37	18.46	18.60	18.77	18.57	18.44		
15	64QAM	1	74	18.53	18.63	18.55	18.57	18.52		
15	64QAM	36	0	18.29	18.34	18.50	18.42	18.32	20	0.2
15	64QAM	36	20	18.19	18.35	18.52	18.42	18.23		
15	64QAM	36	39	18.12	18.32	18.36	18.49	18.17		
15	64QAM	75	0	18.10	18.46	18.38	18.42	18.20		
15	256QAM	1	0	16.33	16.30	16.36	16.18	16.11	18	2.2
15	256QAM	1	37	16.37	16.41	16.32	16.38	16.18		
15	256QAM	1	74	16.26	16.38	16.50	16.40	16.16		
15	256QAM	36	0	16.38	16.31	16.42	16.38	16.06	18	2.2
15	256QAM	36	20	16.15	16.26	16.43	16.35	16.05		
15	256QAM	36	39	16.06	16.30	16.27	16.30	16.12		
15	256QAM	75	0	16.20	16.36	16.53	16.17	16.09		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.67	18.78	18.82	18.85	18.59	20	0
10	QPSK	1	25	18.53	18.59	18.75	18.71	18.52		
10	QPSK	1	49	18.58	18.68	18.59	18.69	18.54		
10	QPSK	25	0	18.64	18.73	18.86	18.78	18.54	20.2	0
10	QPSK	25	12	18.48	18.60	18.76	18.64	18.50		
10	QPSK	25	25	18.55	18.68	18.63	18.68	18.44		
10	QPSK	50	0	18.64	18.77	18.82	18.78	18.43		
10	16QAM	1	0	18.68	18.74	18.70	18.71	18.53	20.2	0
10	16QAM	1	25	18.53	18.61	18.78	18.58	18.43		
10	16QAM	1	49	18.46	18.61	18.60	18.57	18.44		
10	16QAM	25	0	18.64	18.73	18.80	18.65	18.52	20.2	0
10	16QAM	25	12	18.48	18.56	18.71	18.60	18.46		
10	16QAM	25	25	18.50	18.55	18.50	18.58	18.43		
10	16QAM	50	0	18.64	18.71	18.83	18.72	18.52		
10	64QAM	1	0	18.70	18.72	18.78	18.71	18.54	20.2	0
10	64QAM	1	25	18.45	18.57	18.74	18.61	18.35		
10	64QAM	1	49	18.55	18.69	18.57	18.58	18.50		
10	64QAM	25	0	18.37	18.32	18.50	18.36	18.24	20	0.2
10	64QAM	25	12	18.12	18.46	18.50	18.42	18.27		
10	64QAM	25	25	18.19	18.25	18.31	18.46	18.08		
10	64QAM	50	0	18.16	18.42	18.46	18.43	18.15		
10	256QAM	1	0	16.30	16.34	16.41	16.17	16.09	18	2.2
10	256QAM	1	25	16.45	16.37	16.36	16.28	16.10		
10	256QAM	1	49	16.23	16.37	16.54	16.43	16.05		
10	256QAM	25	0	16.30	16.24	16.36	16.47	16.05	18	2.2
10	256QAM	25	12	16.07	16.32	16.39	16.31	16.03		
10	256QAM	25	25	16.19	16.36	16.18	16.33	16.09		
10	256QAM	50	0	16.08	16.42	16.41	16.15	16.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.73	18.76	18.91	18.82	18.58	20	0
5	QPSK	1	12	18.61	18.58	18.81	18.73	18.53		
5	QPSK	1	24	18.52	18.69	18.65	18.71	18.55		
5	QPSK	12	0	18.65	18.70	18.84	18.76	18.46	20.2	0
5	QPSK	12	7	18.48	18.62	18.73	18.55	18.53		
5	QPSK	12	13	18.55	18.61	18.59	18.67	18.40		
5	QPSK	25	0	18.66	18.72	18.78	18.72	18.43		
5	16QAM	1	0	18.68	18.73	18.76	18.67	18.45	20.2	0
5	16QAM	1	12	18.48	18.60	18.71	18.51	18.48		
5	16QAM	1	24	18.54	18.62	18.68	18.67	18.42		
5	16QAM	12	0	18.70	18.66	18.74	18.69	18.51	20.2	0
5	16QAM	12	7	18.54	18.52	18.74	18.58	18.42		
5	16QAM	12	13	18.40	18.60	18.51	18.64	18.54		
5	16QAM	25	0	18.65	18.68	18.80	18.70	18.51		
5	64QAM	1	0	18.70	18.68	18.78	18.76	18.55	20.2	0
5	64QAM	1	12	18.49	18.63	18.72	18.53	18.35		
5	64QAM	1	24	18.52	18.70	18.52	18.54	18.59		
5	64QAM	12	0	18.30	18.27	18.46	18.37	18.30	20	0.2
5	64QAM	12	7	18.19	18.40	18.51	18.56	18.27		
5	64QAM	12	13	18.12	18.21	18.36	18.43	18.09		
5	64QAM	25	0	18.10	18.44	18.47	18.43	18.16		
5	256QAM	1	0	16.19	16.35	16.30	16.16	16.08	18	2.2
5	256QAM	1	12	16.43	16.41	16.26	16.35	16.09		
5	256QAM	1	24	16.34	16.32	16.45	16.47	16.07		
5	256QAM	12	0	16.34	16.23	16.40	16.42	16.09	18	2.2
5	256QAM	12	7	16.12	16.22	16.46	16.29	16.09		
5	256QAM	12	13	16.16	16.26	16.23	16.46	16.14		
5	256QAM	25	0	16.09	16.49	16.42	16.17	16.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.44	20.46	20.59	20.51	20.17	21.8	0
20	QPSK	1	49	20.29	20.34	20.42	20.40	20.24		
20	QPSK	1	99	20.28	20.42	20.37	20.39	20.30		
20	QPSK	50	0	20.35	20.45	20.46	20.44	20.15	21.8	0
20	QPSK	50	24	20.21	20.21	20.39	20.33	20.20		
20	QPSK	50	50	20.13	20.28	20.25	20.32	20.17		
20	QPSK	100	0	20.30	20.37	20.51	20.40	20.16		
20	16QAM	1	0	20.39	20.44	20.44	20.40	20.22	21.8	0
20	16QAM	1	49	20.22	20.33	20.43	20.24	20.10		
20	16QAM	1	99	20.23	20.27	20.33	20.36	20.17		
20	16QAM	50	0	20.42	20.33	20.44	20.45	20.15	21.8	0
20	16QAM	50	24	20.22	20.20	20.35	20.25	20.07		
20	16QAM	50	50	20.08	20.22	20.23	20.27	20.14		
20	16QAM	100	0	20.33	20.43	20.45	20.38	20.20		
20	64QAM	1	0	20.38	20.40	20.48	20.41	20.17	21.8	0
20	64QAM	1	49	20.21	20.25	20.40	20.20	20.05		
20	64QAM	1	99	20.15	20.41	20.20	20.30	20.27		
20	64QAM	50	0	20.39	20.53	20.57	20.48	20.25	21.8	0
20	64QAM	50	24	20.21	20.28	20.52	20.37	20.21		
20	64QAM	50	50	20.21	20.35	20.34	20.41	20.31		
20	64QAM	100	0	20.26	20.45	20.50	20.39	20.21		
20	256QAM	1	0	19.42	19.55	19.59	19.65	19.26	21	0.8
20	256QAM	1	49	19.33	19.62	19.60	19.37	19.45		
20	256QAM	1	99	19.48	19.66	19.69	19.59	19.46		
20	256QAM	50	0	19.44	19.48	19.53	19.55	19.22	21	0.8
20	256QAM	50	24	19.44	19.64	19.47	19.38	19.19		
20	256QAM	50	50	19.59	19.55	19.69	19.63	19.44		
20	256QAM	100	0	19.60	19.64	19.73	19.54	19.25		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.33	20.34	20.55	20.41	20.04	22	0
15	QPSK	1	37	20.19	20.26	20.31	20.34	20.10		
15	QPSK	1	74	20.24	20.36	20.31	20.36	20.18		
15	QPSK	36	0	20.25	20.38	20.43	20.37	20.02	21.8	0
15	QPSK	36	20	20.13	20.14	20.35	20.19	20.08		
15	QPSK	36	39	20.03	20.20	20.16	20.26	20.14		
15	QPSK	75	0	20.21	20.30	20.42	20.28	20.12		
15	16QAM	1	0	20.34	20.39	20.32	20.36	20.11	21.8	0
15	16QAM	1	37	20.11	20.20	20.29	20.12	20.05		
15	16QAM	1	74	20.20	20.15	20.25	20.23	20.08		
15	16QAM	36	0	20.36	20.20	20.38	20.34	20.08	21.8	0
15	16QAM	36	20	20.11	20.14	20.33	20.19	19.98		
15	16QAM	36	39	19.97	20.16	20.17	20.23	20.04		
15	16QAM	75	0	20.22	20.37	20.31	20.31	20.16		
15	64QAM	1	0	20.32	20.32	20.35	20.29	20.05	21.8	0
15	64QAM	1	37	20.10	20.18	20.26	20.16	19.96		
15	64QAM	1	74	20.07	20.28	20.06	20.21	20.18		
15	64QAM	36	0	20.37	20.44	20.55	20.37	20.14	21.8	0
15	64QAM	36	20	20.16	20.19	20.50	20.24	20.15		
15	64QAM	36	39	20.14	20.31	20.22	20.35	20.24		
15	64QAM	75	0	20.17	20.39	20.43	20.35	20.17		
15	256QAM	1	0	19.36	19.38	19.56	19.49	19.14	21	0.8
15	256QAM	1	37	19.25	19.50	19.49	19.22	19.40		
15	256QAM	1	74	19.46	19.52	19.58	19.52	19.37		
15	256QAM	36	0	19.33	19.42	19.43	19.50	19.20	21	0.8
15	256QAM	36	20	19.38	19.47	19.41	19.28	19.15		
15	256QAM	36	39	19.46	19.51	19.55	19.55	19.28		
15	256QAM	75	0	19.56	19.50	19.63	19.52	19.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.31	20.42	20.53	20.43	20.03	22	0
10	QPSK	1	25	20.26	20.31	20.34	20.32	20.18		
10	QPSK	1	49	20.25	20.38	20.29	20.29	20.18		
10	QPSK	25	0	20.30	20.36	20.37	20.30	20.03	21.8	0
10	QPSK	25	12	20.16	20.17	20.36	20.21	20.18		
10	QPSK	25	25	20.10	20.22	20.19	20.20	20.07		
10	QPSK	50	0	20.27	20.27	20.39	20.36	20.08		
10	16QAM	1	0	20.29	20.38	20.38	20.36	20.14	21.8	0
10	16QAM	1	25	20.13	20.26	20.32	20.22	20.02		
10	16QAM	1	49	20.17	20.15	20.22	20.28	20.13		
10	16QAM	25	0	20.33	20.21	20.38	20.41	20.06	21.8	0
10	16QAM	25	12	20.14	20.18	20.25	20.16	20.02		
10	16QAM	25	25	20.05	20.20	20.21	20.24	20.01		
10	16QAM	50	0	20.19	20.32	20.39	20.28	20.18		
10	64QAM	1	0	20.32	20.36	20.39	20.30	20.10	21.8	0
10	64QAM	1	25	20.19	20.18	20.26	20.11	19.92		
10	64QAM	1	49	20.07	20.33	20.06	20.19	20.14		
10	64QAM	25	0	20.25	20.43	20.44	20.38	20.22	21.8	0
10	64QAM	25	12	20.14	20.23	20.44	20.26	20.11		
10	64QAM	25	25	20.13	20.23	20.26	20.27	20.26		
10	64QAM	50	0	20.20	20.33	20.39	20.26	20.13		
10	256QAM	1	0	19.38	19.51	19.55	19.52	19.08	21	0.8
10	256QAM	1	25	19.15	19.51	19.51	19.28	19.41		
10	256QAM	1	49	19.44	19.51	19.58	19.57	19.30		
10	256QAM	25	0	19.57	19.68	19.74	19.38	19.42	21	0.8
10	256QAM	25	12	19.55	19.53	19.76	19.66	19.26		
10	256QAM	25	25	19.56	19.60	19.72	19.40	19.34		
10	256QAM	50	0	19.58	19.62	19.59	19.51	19.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.36	20.42	20.50	20.47	20.04	22	0
5	QPSK	1	12	20.21	20.28	20.31	20.28	20.11		
5	QPSK	1	24	20.22	20.39	20.26	20.36	20.27		
5	QPSK	12	0	20.33	20.32	20.39	20.34	20.01	21.8	0
5	QPSK	12	7	20.14	20.09	20.30	20.23	20.14		
5	QPSK	12	13	19.99	20.14	20.20	20.25	20.11		
5	QPSK	25	0	20.26	20.24	20.49	20.33	20.13		
5	16QAM	1	0	20.33	20.32	20.34	20.28	20.10	21.8	0
5	16QAM	1	12	20.13	20.22	20.40	20.16	20.04		
5	16QAM	1	24	20.15	20.20	20.31	20.28	20.11		
5	16QAM	12	0	20.38	20.25	20.40	20.32	20.06	21.8	0
5	16QAM	12	7	20.14	20.17	20.25	20.19	20.02		
5	16QAM	12	13	20.01	20.15	20.17	20.24	20.02		
5	16QAM	25	0	20.23	20.37	20.36	20.25	20.08		
5	64QAM	1	0	20.32	20.32	20.39	20.32	20.12	21.8	0
5	64QAM	1	12	20.19	20.15	20.26	20.08	20.00		
5	64QAM	1	24	20.02	20.28	20.09	20.28	20.20		
5	64QAM	12	0	20.33	20.49	20.52	20.35	20.13	21.8	0
5	64QAM	12	7	20.09	20.21	20.41	20.26	20.12		
5	64QAM	12	13	20.19	20.26	20.22	20.30	20.24		
5	64QAM	25	0	20.13	20.40	20.43	20.37	20.13		
5	256QAM	1	0	19.25	19.38	19.55	19.62	19.22	21	0.8
5	256QAM	1	12	19.20	19.52	19.43	19.29	19.36		
5	256QAM	1	24	19.44	19.56	19.62	19.48	19.44		
5	256QAM	12	0	19.42	19.30	19.46	19.39	19.19	21	0.8
5	256QAM	12	7	19.35	19.61	19.44	19.26	19.14		
5	256QAM	12	13	19.53	19.52	19.64	19.54	19.36		
5	256QAM	25	0	19.55	19.56	19.59	19.42	19.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3490	3500	3540		
20	QPSK	1	0	14.79	14.82	14.73	15.9	0
20	QPSK	1	49	14.55	14.69	14.64		
20	QPSK	1	99	14.72	14.62	14.67		
20	QPSK	50	0	14.73	14.75	14.62	15.9	0
20	QPSK	50	24	14.49	14.63	14.61		
20	QPSK	50	50	14.62	14.59	14.58		
20	QPSK	100	0	14.70	14.73	14.65		
20	16QAM	1	0	14.46	14.63	14.50	15.9	0
20	16QAM	1	49	14.64	14.53	14.54		
20	16QAM	1	99	14.71	14.77	14.64		
20	16QAM	50	0	14.46	14.61	14.56	15.9	0
20	16QAM	50	24	14.66	14.56	14.59		
20	16QAM	50	50	14.72	14.77	14.67		
20	16QAM	100	0	14.52	14.58	14.61		
20	64QAM	1	0	14.68	14.53	14.59	15.9	0
20	64QAM	1	49	14.69	14.77	14.64		
20	64QAM	1	99	14.53	14.61	14.54		
20	64QAM	50	0	14.62	14.50	14.53	15.9	0
20	64QAM	50	24	14.72	14.74	14.71		
20	64QAM	50	50	14.50	14.64	14.57		
20	64QAM	100	0	14.65	14.60	14.54		
20	256QAM	1	0	14.75	14.73	14.69	15.9	0
20	256QAM	1	49	14.50	14.65	14.56		
20	256QAM	1	99	14.70	14.51	14.61		
20	256QAM	50	0	14.68	14.77	14.69	15.9	0
20	256QAM	50	24	14.44	14.62	14.59		
20	256QAM	50	50	14.64	14.50	14.54		
20	256QAM	100	0	14.70	14.69	14.67		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	14.73	14.74	14.63	15.9	0
15	QPSK	1	37	14.45	14.58	14.57		
15	QPSK	1	74	14.60	14.57	14.59		
15	QPSK	36	0	14.68	14.65	14.58	15.9	0
15	QPSK	36	20	14.45	14.51	14.57		
15	QPSK	36	39	14.55	14.46	14.47		
15	QPSK	75	0	14.68	14.70	14.61		
15	16QAM	1	0	14.44	14.54	14.41	15.9	0
15	16QAM	1	37	14.51	14.45	14.44		
15	16QAM	1	74	14.63	14.63	14.59		
15	16QAM	36	0	14.41	14.48	14.51	15.9	0
15	16QAM	36	20	14.62	14.48	14.50		
15	16QAM	36	39	14.68	14.67	14.58		
15	16QAM	75	0	14.49	14.49	14.55		
15	64QAM	1	0	14.57	14.45	14.51	15.9	0
15	64QAM	1	37	14.57	14.69	14.53		
15	64QAM	1	74	14.40	14.57	14.46		
15	64QAM	36	0	14.56	14.41	14.48	15.9	0
15	64QAM	36	20	14.67	14.69	14.66		
15	64QAM	36	39	14.47	14.53	14.44		
15	64QAM	75	0	14.63	14.47	14.52		
15	256QAM	1	0	14.73	14.70	14.67	15.9	0
15	256QAM	1	37	14.46	14.61	14.42		
15	256QAM	1	74	14.64	14.40	14.50		
15	256QAM	36	0	14.65	14.74	14.55	15.9	0
15	256QAM	36	20	14.40	14.52	14.50		
15	256QAM	36	39	14.55	14.40	14.52		
15	256QAM	75	0	14.68	14.61	14.57		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	14.67	14.74	14.62	15.9	0
10	QPSK	1	25	14.52	14.66	14.51		
10	QPSK	1	49	14.62	14.58	14.60		
10	QPSK	25	0	14.69	14.68	14.54	15.9	0
10	QPSK	25	12	14.41	14.57	14.59		
10	QPSK	25	25	14.51	14.50	14.51		
10	QPSK	50	0	14.60	14.70	14.59		
10	16QAM	1	0	14.37	14.56	14.39	15.9	0
10	16QAM	1	25	14.56	14.42	14.50		
10	16QAM	1	49	14.68	14.70	14.52		
10	16QAM	25	0	14.37	14.54	14.49	15.9	0
10	16QAM	25	12	14.57	14.43	14.55		
10	16QAM	25	25	14.69	14.70	14.56		
10	16QAM	50	0	14.46	14.55	14.56		
10	64QAM	1	0	14.64	14.43	14.47	15.9	0
10	64QAM	1	25	14.58	14.63	14.59		
10	64QAM	1	49	14.45	14.57	14.46		
10	64QAM	25	0	14.55	14.46	14.42	15.9	0
10	64QAM	25	12	14.68	14.62	14.59		
10	64QAM	25	25	14.39	14.51	14.48		
10	64QAM	50	0	14.55	14.47	14.51		
10	256QAM	1	0	14.70	14.61	14.62	15.9	0
10	256QAM	1	25	14.45	14.63	14.42		
10	256QAM	1	49	14.62	14.40	14.59		
10	256QAM	25	0	14.58	14.70	14.61	15.9	0
10	256QAM	25	12	14.36	14.59	14.56		
10	256QAM	25	25	14.61	14.46	14.45		
10	256QAM	50	0	14.66	14.58	14.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	14.73	14.74	14.69	15.9	0
5	QPSK	1	12	14.44	14.64	14.60		
5	QPSK	1	24	14.61	14.52	14.56		
5	QPSK	12	0	14.63	14.63	14.50	15.9	0
5	QPSK	12	7	14.43	14.57	14.48		
5	QPSK	12	13	14.57	14.53	14.45		
5	QPSK	25	0	14.64	14.62	14.55		
5	16QAM	1	0	14.32	14.50	14.47	15.9	0
5	16QAM	1	12	14.50	14.39	14.45		
5	16QAM	1	24	14.69	14.64	14.51		
5	16QAM	12	0	14.35	14.55	14.52	15.9	0
5	16QAM	12	7	14.54	14.47	14.55		
5	16QAM	12	13	14.58	14.64	14.60		
5	16QAM	25	0	14.43	14.51	14.57		
5	64QAM	1	0	14.58	14.46	14.54	15.9	0
5	64QAM	1	12	14.55	14.64	14.58		
5	64QAM	1	24	14.39	14.52	14.47		
5	64QAM	12	0	14.50	14.48	14.47	15.9	0
5	64QAM	12	7	14.62	14.65	14.65		
5	64QAM	12	13	14.47	14.54	14.52		
5	64QAM	25	0	14.54	14.49	14.41		
5	256QAM	1	0	14.72	14.68	14.60	15.9	0
5	256QAM	1	12	14.46	14.57	14.44		
5	256QAM	1	24	14.65	14.39	14.55		
5	256QAM	12	0	14.55	14.71	14.58	15.9	0
5	256QAM	12	7	14.39	14.51	14.47		
5	256QAM	12	13	14.59	14.41	14.47		
5	256QAM	25	0	14.66	14.61	14.64		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3540	3609	3641	3690		
20	QPSK	1	0	12.72	12.95	12.81	12.94	14.7	0
20	QPSK	1	49	12.74	12.70	12.73	12.81		
20	QPSK	1	99	12.77	12.71	12.73	12.75		
20	QPSK	50	0	12.79	12.90	12.82	12.76	14.7	0
20	QPSK	50	24	12.75	12.75	12.77	12.76		
20	QPSK	50	50	12.73	12.79	12.78	12.80		
20	QPSK	100	0	12.75	12.82	12.75	12.77		
20	16QAM	1	0	12.65	12.91	12.71	12.88	14.7	0
20	16QAM	1	49	12.65	12.65	12.65	12.69		
20	16QAM	1	99	12.73	12.62	12.65	12.64		
20	16QAM	50	0	12.74	12.85	12.75	12.68	14.7	0
20	16QAM	50	24	12.66	12.55	12.65	12.67		
20	16QAM	50	50	12.64	12.72	12.74	12.73		
20	16QAM	100	0	12.64	12.74	12.65	12.70		
20	64QAM	1	0	12.62	12.92	12.77	12.90	14.7	0
20	64QAM	1	49	12.71	12.57	12.69	12.75		
20	64QAM	1	99	12.75	12.63	12.64	12.73		
20	64QAM	50	0	12.66	12.77	12.78	12.71	14.7	0
20	64QAM	50	24	12.69	12.67	12.73	12.64		
20	64QAM	50	50	12.62	12.73	12.64	12.69		
20	64QAM	100	0	12.68	12.68	12.62	12.66		
20	256QAM	1	0	12.59	12.82	12.77	12.89	14.7	0
20	256QAM	1	49	12.66	12.61	12.64	12.78		
20	256QAM	1	99	12.73	12.61	12.68	12.66		
20	256QAM	50	0	12.66	12.78	12.68	12.63	14.7	0
20	256QAM	50	24	12.66	12.60	12.65	12.71		
20	256QAM	50	50	12.69	12.66	12.64	12.71		
20	256QAM	100	0	12.72	12.78	12.70	12.68		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3537.5	3608	3642	3692.5		
15	QPSK	1	0	12.68	12.88	12.72	12.87	14.7	0
15	QPSK	1	37	12.66	12.57	12.61	12.74		
15	QPSK	1	74	12.74	12.64	12.62	12.66		
15	QPSK	36	0	12.70	12.84	12.74	12.69	14.7	0
15	QPSK	36	20	12.62	12.60	12.73	12.67		
15	QPSK	36	39	12.69	12.76	12.72	12.68		
15	QPSK	75	0	12.68	12.76	12.68	12.68		
15	16QAM	1	0	12.63	12.85	12.69	12.80	14.7	0
15	16QAM	1	37	12.63	12.55	12.61	12.65		
15	16QAM	1	74	12.59	12.50	12.53	12.61		
15	16QAM	36	0	12.69	12.75	12.68	12.61	14.7	0
15	16QAM	36	20	12.61	12.45	12.62	12.63		
15	16QAM	36	39	12.62	12.65	12.67	12.64		
15	16QAM	75	0	12.57	12.67	12.51	12.68		
15	64QAM	1	0	12.52	12.87	12.75	12.78	14.7	0
15	64QAM	1	37	12.59	12.53	12.65	12.69		
15	64QAM	1	74	12.63	12.51	12.52	12.71		
15	64QAM	36	0	12.61	12.69	12.65	12.59	14.7	0
15	64QAM	36	20	12.58	12.63	12.70	12.61		
15	64QAM	36	39	12.51	12.60	12.59	12.65		
15	64QAM	75	0	12.55	12.64	12.51	12.57		
15	256QAM	1	0	12.47	12.75	12.69	12.78	14.7	0
15	256QAM	1	37	12.54	12.49	12.52	12.73		
15	256QAM	1	74	12.62	12.54	12.65	12.56		
15	256QAM	36	0	12.58	12.65	12.55	12.58	14.7	0
15	256QAM	36	20	12.57	12.56	12.63	12.64		
15	256QAM	36	39	12.58	12.58	12.51	12.66		
15	256QAM	75	0	12.61	12.75	12.65	12.61		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3535	3607.5	3642.5	3695		
10	QPSK	1	0	12.68	12.83	12.74	12.86	14.7	0
10	QPSK	1	25	12.62	12.66	12.65	12.78		
10	QPSK	1	49	12.74	12.67	12.65	12.66		
10	QPSK	25	0	12.65	12.82	12.79	12.65	14.7	0
10	QPSK	25	12	12.68	12.65	12.73	12.74		
10	QPSK	25	25	12.63	12.72	12.71	12.77		
10	QPSK	50	0	12.71	12.69	12.70	12.73		
10	16QAM	1	0	12.53	12.89	12.67	12.84	14.7	0
10	16QAM	1	25	12.57	12.59	12.54	12.67		
10	16QAM	1	49	12.70	12.59	12.54	12.56		
10	16QAM	25	0	12.62	12.74	12.65	12.64	14.7	0
10	16QAM	25	12	12.61	12.51	12.61	12.63		
10	16QAM	25	25	12.51	12.69	12.72	12.66		
10	16QAM	50	0	12.61	12.71	12.62	12.67		
10	64QAM	1	0	12.58	12.89	12.70	12.87	14.7	0
10	64QAM	1	25	12.60	12.53	12.64	12.69		
10	64QAM	1	49	12.69	12.57	12.52	12.60		
10	64QAM	25	0	12.55	12.69	12.70	12.66	14.7	0
10	64QAM	25	12	12.61	12.57	12.69	12.61		
10	64QAM	25	25	12.57	12.71	12.61	12.62		
10	64QAM	50	0	12.57	12.63	12.50	12.59		
10	256QAM	1	0	12.54	12.69	12.71	12.76	14.7	0
10	256QAM	1	25	12.59	12.56	12.55	12.73		
10	256QAM	1	49	12.64	12.50	12.62	12.58		
10	256QAM	25	0	12.61	12.76	12.65	12.59	14.7	0
10	256QAM	25	12	12.64	12.57	12.52	12.64		
10	256QAM	25	25	12.61	12.56	12.61	12.69		
10	256QAM	50	0	12.66	12.75	12.58	12.55		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3532.5	3607	3643	3697.5		
5	QPSK	1	0	12.65	12.87	12.76	12.84	14.7	0
5	QPSK	1	12	12.65	12.59	12.63	12.75		
5	QPSK	1	24	12.70	12.62	12.69	12.62		
5	QPSK	12	0	12.76	12.81	12.80	12.73	14.7	0
5	QPSK	12	7	12.68	12.61	12.64	12.70		
5	QPSK	12	13	12.64	12.74	12.71	12.69		
5	QPSK	25	0	12.62	12.75	12.64	12.71		
5	16QAM	1	0	12.58	12.82	12.67	12.79	14.7	0
5	16QAM	1	12	12.57	12.55	12.59	12.55		
5	16QAM	1	24	12.65	12.55	12.52	12.61		
5	16QAM	12	0	12.71	12.82	12.72	12.66	14.7	0
5	16QAM	12	7	12.53	12.51	12.63	12.61		
5	16QAM	12	13	12.56	12.63	12.64	12.71		
5	16QAM	25	0	12.50	12.62	12.53	12.62		
5	64QAM	1	0	12.60	12.89	12.64	12.82	14.7	0
5	64QAM	1	12	12.62	12.47	12.57	12.72		
5	64QAM	1	24	12.66	12.57	12.51	12.69		
5	64QAM	12	0	12.61	12.65	12.74	12.61	14.7	0
5	64QAM	12	7	12.63	12.61	12.68	12.58		
5	64QAM	12	13	12.52	12.59	12.59	12.61		
5	64QAM	25	0	12.62	12.56	12.55	12.59		
5	256QAM	1	0	12.55	12.77	12.72	12.86	14.7	0
5	256QAM	1	12	12.63	12.57	12.52	12.71		
5	256QAM	1	24	12.60	12.52	12.64	12.56		
5	256QAM	12	0	12.59	12.74	12.65	12.60	14.7	0
5	256QAM	12	7	12.63	12.57	12.54	12.67		
5	256QAM	12	13	12.67	12.53	12.50	12.64		
5	256QAM	25	0	12.61	12.72	12.59	12.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	14.21	14.29	14.25	15.6	0
20	QPSK	1	49	14.02	14.10	14.05		
20	QPSK	1	99	13.95	14.15	14.15		
20	QPSK	50	0	13.94	14.26	14.17	15.6	0
20	QPSK	50	24	14.02	14.10	13.99		
20	QPSK	50	50	14.01	14.11	14.05		
20	QPSK	100	0	13.97	14.19	14.09		
20	16QAM	1	0	13.97	14.18	14.15	15.6	0
20	16QAM	1	49	13.99	14.06	14.00		
20	16QAM	1	99	13.89	14.08	14.11		
20	16QAM	50	0	14.15	14.21	14.21	15.6	0
20	16QAM	50	24	14.00	13.96	13.94		
20	16QAM	50	50	13.88	14.08	14.12		
20	16QAM	100	0	13.87	14.23	14.11		
20	64QAM	1	0	13.99	14.01	13.93	15.6	0
20	64QAM	1	49	13.88	14.03	13.92		
20	64QAM	1	99	13.92	14.07	13.97		
20	64QAM	50	0	14.11	14.25	14.22	15.6	0
20	64QAM	50	24	14.18	14.24	14.18		
20	64QAM	50	50	13.99	13.99	13.92		
20	64QAM	100	0	13.86	14.10	14.11		
20	256QAM	1	0	13.91	14.23	14.09	15.6	0
20	256QAM	1	49	13.93	13.93	13.92		
20	256QAM	1	99	13.89	14.04	13.93		
20	256QAM	50	0	13.94	14.14	14.04	15.6	0
20	256QAM	50	24	13.94	14.14	14.12		
20	256QAM	50	50	13.94	14.03	13.96		
20	256QAM	100	0	13.86	13.96	13.99		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	14.10	14.26	14.19	15.6	0
15	QPSK	1	37	13.99	14.02	14.00		
15	QPSK	1	74	13.87	14.05	14.12		
15	QPSK	36	0	13.89	14.23	14.15	15.6	0
15	QPSK	36	20	13.98	14.04	13.88		
15	QPSK	36	39	13.92	14.05	13.97		
15	QPSK	75	0	13.88	14.10	14.02		
15	16QAM	1	0	13.91	14.05	14.12	15.6	0
15	16QAM	1	37	13.91	14.02	13.90		
15	16QAM	1	74	13.77	14.04	14.05		
15	16QAM	36	0	14.13	14.08	14.14	15.6	0
15	16QAM	36	20	13.96	13.85	13.86		
15	16QAM	36	39	13.85	14.03	14.07		
15	16QAM	75	0	13.79	14.11	14.04		
15	64QAM	1	0	13.86	13.97	13.90	15.6	0
15	64QAM	1	37	13.76	13.97	13.83		
15	64QAM	1	74	13.87	13.93	13.87		
15	64QAM	36	0	14.06	14.13	14.20	15.6	0
15	64QAM	36	20	14.05	14.22	14.10		
15	64QAM	36	39	13.94	13.88	13.89		
15	64QAM	75	0	13.77	14.04	14.04		
15	256QAM	1	0	13.83	14.17	14.01	15.6	0
15	256QAM	1	37	13.90	13.84	13.88		
15	256QAM	1	74	13.85	13.96	13.82		
15	256QAM	36	0	13.88	14.08	13.99	15.6	0
15	256QAM	36	20	13.80	14.02	14.08		
15	256QAM	36	39	13.88	13.92	13.93		
15	256QAM	75	0	13.78	13.93	13.88		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	14.10	14.18	14.15	15.6	0
10	QPSK	1	25	13.91	14.01	14.01		
10	QPSK	1	49	13.83	14.11	14.10		
10	QPSK	25	0	13.83	14.22	14.05	15.6	0
10	QPSK	25	12	13.94	13.97	13.90		
10	QPSK	25	25	13.95	14.01	14.01		
10	QPSK	50	0	13.88	14.06	14.03		
10	16QAM	1	0	13.93	14.09	14.10	15.6	0
10	16QAM	1	25	13.94	14.00	13.92		
10	16QAM	1	49	13.79	14.05	14.00		
10	16QAM	25	0	14.10	14.14	14.14	15.6	0
10	16QAM	25	12	13.94	13.83	13.91		
10	16QAM	25	25	13.81	13.96	14.09		
10	16QAM	50	0	13.80	14.10	13.98		
10	64QAM	1	0	13.90	13.94	13.87	15.6	0
10	64QAM	1	25	13.78	13.92	13.85		
10	64QAM	1	49	13.82	14.02	13.93		
10	64QAM	25	0	14.01	14.19	14.18	15.6	0
10	64QAM	25	12	14.04	14.16	14.12		
10	64QAM	25	25	13.94	13.96	13.87		
10	64QAM	50	0	13.83	14.04	13.98		
10	256QAM	1	0	13.81	14.18	14.06	15.6	0
10	256QAM	1	25	13.90	13.83	13.89		
10	256QAM	1	49	13.81	13.94	13.82		
10	256QAM	25	0	13.86	14.01	14.01	15.6	0
10	256QAM	25	12	13.85	14.09	14.06		
10	256QAM	25	25	13.83	13.96	13.91		
10	256QAM	50	0	13.84	13.91	13.90		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	14.18	14.22	14.22	15.6	0
5	QPSK	1	12	13.89	13.96	13.99		
5	QPSK	1	24	13.90	14.07	14.09		
5	QPSK	12	0	13.89	14.14	14.08	15.6	0
5	QPSK	12	7	13.97	14.03	13.91		
5	QPSK	12	13	13.89	14.07	13.93		
5	QPSK	25	0	13.88	14.13	14.00		
5	16QAM	1	0	13.93	14.10	14.04	15.6	0
5	16QAM	1	12	13.94	13.95	13.93		
5	16QAM	1	24	13.86	14.05	14.04		
5	16QAM	12	0	14.05	14.12	14.13	15.6	0
5	16QAM	12	7	13.90	13.92	13.90		
5	16QAM	12	13	13.74	14.06	14.01		
5	16QAM	25	0	13.85	14.11	14.03		
5	64QAM	1	0	13.85	13.88	13.89	15.6	0
5	64QAM	1	12	13.84	13.97	13.87		
5	64QAM	1	24	13.85	14.04	13.83		
5	64QAM	12	0	14.07	14.15	14.18	15.6	0
5	64QAM	12	7	14.07	14.15	14.06		
5	64QAM	12	13	13.95	13.95	13.90		
5	64QAM	25	0	13.80	13.98	13.98		
5	256QAM	1	0	13.89	14.10	13.96	15.6	0
5	256QAM	1	12	13.85	13.86	13.81		
5	256QAM	1	24	13.79	13.93	13.90		
5	256QAM	12	0	13.82	14.09	13.96	15.6	0
5	256QAM	12	7	13.88	14.10	14.06		
5	256QAM	12	13	13.83	13.97	13.86		
5	256QAM	25	0	13.79	13.83	13.87		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	13.30	13.38	13.22	13.26	14	0
20	QPSK	1	49	13.08	13.31	13.05	13.06		
20	QPSK	1	99	13.24	13.22	13.02	13.02		
20	QPSK	50	0	13.13	13.36	13.03	13.00	14	0
20	QPSK	50	24	13.17	13.24	13.01	13.02		
20	QPSK	50	50	13.17	13.27	13.06	13.01		
20	QPSK	100	0	13.08	13.35	13.00	13.02		
20	16QAM	1	0	13.22	13.35	13.11	13.22	14	0
20	16QAM	1	49	12.96	13.17	13.03	12.93		
20	16QAM	1	99	13.14	13.14	12.97	12.97		
20	16QAM	50	0	13.08	13.33	12.97	12.98	14	0
20	16QAM	50	24	13.13	13.20	12.93	12.97		
20	16QAM	50	50	13.11	13.25	12.94	12.97		
20	16QAM	100	0	13.00	13.28	12.88	12.97		
20	64QAM	1	0	13.22	13.28	13.09	13.24	14	0
20	64QAM	1	49	13.01	13.18	13.01	12.94		
20	64QAM	1	99	13.12	13.09	12.90	12.89		
20	64QAM	50	0	13.09	13.33	12.96	12.93	14	0
20	64QAM	50	24	13.12	13.18	12.92	12.99		
20	64QAM	50	50	13.13	13.21	13.01	12.94		
20	64QAM	100	0	13.02	13.22	12.87	12.88		
20	256QAM	1	0	13.27	13.25	13.19	13.19	14	0
20	256QAM	1	49	12.99	13.23	13.01	12.99		
20	256QAM	1	99	13.20	13.13	12.90	13.00		
20	256QAM	50	0	13.02	13.24	13.01	12.97	14	0
20	256QAM	50	24	13.11	13.13	12.92	12.98		
20	256QAM	50	50	13.12	13.22	13.01	12.96		
20	256QAM	100	0	12.98	13.28	12.91	12.93		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	13.24	13.25	13.12	13.16	14	0
15	QPSK	1	37	13.01	13.28	12.95	12.94		
15	QPSK	1	74	13.11	13.18	12.97	12.94		
15	QPSK	36	0	13.04	13.24	12.96	12.88	14	0
15	QPSK	36	20	13.05	13.13	12.97	12.90		
15	QPSK	36	39	13.07	13.15	12.96	12.92		
15	QPSK	75	0	13.04	13.27	12.98	12.93		
15	16QAM	1	0	13.13	13.00	12.99	13.18	14	0
15	16QAM	1	37	12.85	13.10	12.99	12.79		
15	16QAM	1	74	13.08	13.06	12.83	12.88		
15	16QAM	36	0	12.97	13.28	12.89	12.95	14	0
15	16QAM	36	20	13.02	13.07	12.88	12.86		
15	16QAM	36	39	13.06	13.22	12.88	12.94		
15	16QAM	75	0	12.88	13.19	12.83	12.91		
15	64QAM	1	0	13.16	13.23	13.03	13.20	14	0
15	64QAM	1	37	12.89	13.06	12.92	12.81		
15	64QAM	1	74	12.99	13.02	12.81	12.79		
15	64QAM	36	0	13.01	13.28	12.94	12.80	14	0
15	64QAM	36	20	13.04	13.09	12.83	12.87		
15	64QAM	36	39	13.02	13.16	12.93	12.88		
15	64QAM	75	0	12.94	13.14	12.75	12.79		
15	256QAM	1	0	13.19	13.15	13.07	13.15	14	0
15	256QAM	1	37	12.94	13.13	12.89	12.88		
15	256QAM	1	74	13.06	13.01	12.86	12.95		
15	256QAM	36	0	12.98	13.11	12.96	12.93	14	0
15	256QAM	36	20	13.07	13.01	12.83	12.92		
15	256QAM	36	39	13.00	13.14	12.99	12.87		
15	256QAM	75	0	12.92	13.18	12.87	12.87		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	13.22	13.25	13.10	13.23	14	0
10	QPSK	1	25	12.99	13.23	12.97	12.92		
10	QPSK	1	49	13.15	13.11	12.94	12.99		
10	QPSK	25	0	12.99	13.32	13.00	12.92	14	0
10	QPSK	25	12	13.10	13.20	12.96	12.89		
10	QPSK	25	25	13.13	13.14	13.02	12.94		
10	QPSK	50	0	13.00	13.23	12.97	12.90		
10	16QAM	1	0	13.14	13.26	13.06	13.19	14	0
10	16QAM	1	25	12.85	13.08	12.95	12.82		
10	16QAM	1	49	13.06	13.02	12.85	12.91		
10	16QAM	25	0	13.06	13.22	12.93	12.85	14	0
10	16QAM	25	12	13.07	13.12	12.94	12.92		
10	16QAM	25	25	13.02	13.16	12.80	12.91		
10	16QAM	50	0	12.95	13.18	12.82	12.93		
10	64QAM	1	0	13.12	13.25	13.03	13.17	14	0
10	64QAM	1	25	12.90	13.07	12.98	12.89		
10	64QAM	1	49	13.05	12.97	12.84	12.83		
10	64QAM	25	0	12.96	13.28	12.86	12.87	14	0
10	64QAM	25	12	13.05	13.09	12.89	12.93		
10	64QAM	25	25	13.11	13.09	12.91	12.89		
10	64QAM	50	0	12.89	13.15	12.80	12.77		
10	256QAM	1	0	13.23	13.12	13.12	13.14	14	0
10	256QAM	1	25	12.97	13.17	12.89	12.91		
10	256QAM	1	49	13.06	13.10	12.84	12.86		
10	256QAM	25	0	12.93	13.14	12.94	12.94	14	0
10	256QAM	25	12	13.00	13.00	12.88	12.89		
10	256QAM	25	25	12.98	13.16	12.97	12.82		
10	256QAM	50	0	12.94	13.25	12.88	12.86		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	13.19	13.24	13.16	13.22	14	0
5	QPSK	1	12	12.99	13.25	12.96	13.01		
5	QPSK	1	24	13.16	13.17	12.99	12.89		
5	QPSK	12	0	13.06	13.31	12.97	12.90	14	0
5	QPSK	12	7	13.06	13.22	12.98	12.94		
5	QPSK	12	13	13.11	13.25	13.04	12.90		
5	QPSK	25	0	13.03	13.32	12.94	12.92		
5	16QAM	1	0	13.19	13.24	12.98	13.12	14	0
5	16QAM	1	12	12.85	13.09	12.90	12.84		
5	16QAM	1	24	13.11	13.09	12.91	12.85		
5	16QAM	12	0	13.01	13.20	12.84	12.92	14	0
5	16QAM	12	7	13.08	13.07	12.85	12.89		
5	16QAM	12	13	13.03	13.14	12.83	12.85		
5	16QAM	25	0	12.89	13.20	12.82	12.90		
5	64QAM	1	0	13.13	13.19	13.00	13.17	14	0
5	64QAM	1	12	12.94	13.10	12.99	12.91		
5	64QAM	1	24	13.09	13.00	12.86	12.77		
5	64QAM	12	0	12.95	13.27	12.83	12.91	14	0
5	64QAM	12	7	13.10	13.11	12.80	12.97		
5	64QAM	12	13	13.02	13.09	12.94	12.85		
5	64QAM	25	0	12.94	13.17	12.81	12.76		
5	256QAM	1	0	13.20	13.19	13.10	13.06	14	0
5	256QAM	1	12	12.87	13.11	12.89	12.94		
5	256QAM	1	24	13.12	13.00	12.77	12.98		
5	256QAM	12	0	12.92	13.17	12.92	12.90	14	0
5	256QAM	12	7	13.03	13.08	12.89	12.95		
5	256QAM	12	13	13.07	13.14	12.94	12.89		
5	256QAM	25	0	12.92	13.21	12.84	12.83		

Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.28	19.39	19.25	20.5	0
20	QPSK	1	49	19.06	19.23	19.06		
20	QPSK	1	99	19.01	19.22	19.01		
20	QPSK	50	0	19.02	19.18	19.08	20.5	0
20	QPSK	50	24	18.96	19.15	18.95		
20	QPSK	50	50	18.94	19.14	18.93		
20	QPSK	100	0	19.01	19.12	19.01		
20	16QAM	1	0	18.85	19.22	18.88	20.5	0
20	16QAM	1	49	18.88	19.26	19.05		
20	16QAM	1	99	18.92	19.12	19.08		
20	16QAM	50	0	19.23	19.33	19.15	20.5	0
20	16QAM	50	24	19.25	19.31	19.15		
20	16QAM	50	50	18.99	19.20	19.02		
20	16QAM	100	0	18.97	19.15	18.94		
20	64QAM	1	0	18.97	19.15	18.99	20.5	0
20	64QAM	1	49	18.92	19.05	18.91		
20	64QAM	1	99	18.91	19.06	18.85		
20	64QAM	50	0	18.97	19.03	18.95	20.5	0
20	64QAM	50	24	18.83	19.16	18.83		
20	64QAM	50	50	18.82	19.20	18.96		
20	64QAM	100	0	18.87	19.10	19.01		
20	256QAM	1	0	19.04	19.17	18.99	20	0.5
20	256QAM	1	49	18.95	19.35	19.11		
20	256QAM	1	99	19.16	19.19	19.01		
20	256QAM	50	0	19.10	19.23	18.97	20	0.5
20	256QAM	50	24	19.11	19.22	18.95		
20	256QAM	50	50	19.13	19.25	19.08		
20	256QAM	100	0	19.01	19.26	18.99		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.18	19.33	19.20	20.5	0
15	QPSK	1	37	18.99	19.19	19.00		
15	QPSK	1	74	18.95	19.18	18.93		
15	QPSK	36	0	18.92	19.11	19.06	20.5	0
15	QPSK	36	20	18.89	19.10	18.92		
15	QPSK	36	39	18.86	19.07	18.85		
15	QPSK	75	0	18.96	19.04	18.96		
15	16QAM	1	0	18.77	19.13	18.83	20.5	0
15	16QAM	1	37	18.81	19.18	19.02		
15	16QAM	1	74	18.84	19.06	19.02		
15	16QAM	36	0	19.20	19.24	19.13	20.5	0
15	16QAM	36	20	19.20	19.27	19.11		
15	16QAM	36	39	18.94	19.15	18.99		
15	16QAM	75	0	18.89	19.09	18.89		
15	64QAM	1	0	18.94	19.09	18.93	20.5	0
15	64QAM	1	37	18.87	19.00	18.85		
15	64QAM	1	74	18.86	18.98	18.80		
15	64QAM	36	0	18.87	18.97	18.92	20.5	0
15	64QAM	36	20	18.76	19.13	18.74		
15	64QAM	36	39	18.77	19.11	18.91		
15	64QAM	75	0	18.78	19.04	18.94		
15	256QAM	1	0	18.92	19.00	18.88	20	0.5
15	256QAM	1	37	18.80	19.22	19.03		
15	256QAM	1	74	19.14	19.13	18.89		
15	256QAM	36	0	18.98	19.07	18.92	20	0.5
15	256QAM	36	20	19.03	19.08	18.79		
15	256QAM	36	39	19.08	19.11	18.93		
15	256QAM	75	0	18.98	19.16	18.82		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.18	19.37	19.21	20.5	0
10	QPSK	1	25	18.98	19.20	19.01		
10	QPSK	1	49	18.95	19.15	18.94		
10	QPSK	25	0	18.99	19.10	19.05	20.5	0
10	QPSK	25	12	18.90	19.06	18.92		
10	QPSK	25	25	18.86	19.12	18.88		
10	QPSK	50	0	18.94	19.05	18.91		
10	16QAM	1	0	18.76	19.14	18.79	20.5	0
10	16QAM	1	25	18.85	19.20	19.00		
10	16QAM	1	49	18.83	19.05	19.06		
10	16QAM	25	0	19.19	19.25	19.08	20.5	0
10	16QAM	25	12	19.21	19.27	19.11		
10	16QAM	25	25	18.95	19.12	18.99		
10	16QAM	50	0	18.91	19.10	18.87		
10	64QAM	1	0	18.90	19.13	18.91	20.5	0
10	64QAM	1	25	18.85	19.00	18.84		
10	64QAM	1	49	18.85	19.02	18.79		
10	64QAM	25	0	18.87	18.96	18.92	20.5	0
10	64QAM	25	12	18.75	19.12	18.77		
10	64QAM	25	25	18.75	19.13	18.93		
10	64QAM	50	0	18.84	19.04	18.94		
10	256QAM	1	0	18.92	19.12	18.81	20	0.5
10	256QAM	1	25	18.88	19.30	19.00		
10	256QAM	1	49	19.06	19.14	18.90		
10	256QAM	25	0	19.00	19.05	18.83	20	0.5
10	256QAM	25	12	19.00	19.11	18.84		
10	256QAM	25	25	19.02	19.21	19.00		
10	256QAM	50	0	18.91	19.12	18.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.25	19.33	19.20	20.5	0
5	QPSK	1	12	18.98	19.20	19.02		
5	QPSK	1	24	18.94	19.16	18.92		
5	QPSK	12	0	18.97	19.09	19.05	20.5	0
5	QPSK	12	7	18.90	19.10	18.90		
5	QPSK	12	13	18.87	19.09	18.89		
5	QPSK	25	0	18.97	19.03	18.92		
5	16QAM	1	0	18.81	19.16	18.82	20.5	0
5	16QAM	1	12	18.81	19.18	19.02		
5	16QAM	1	24	18.86	19.03	19.05		
5	16QAM	12	0	19.16	19.25	19.12	20.5	0
5	16QAM	12	7	19.19	19.23	19.09		
5	16QAM	12	13	18.93	19.17	18.99		
5	16QAM	25	0	18.90	19.06	18.90		
5	64QAM	1	0	18.89	19.06	18.93	20.5	0
5	64QAM	1	12	18.85	18.99	18.86		
5	64QAM	1	24	18.81	19.02	18.82		
5	64QAM	12	0	18.92	19.00	18.88	20.5	0
5	64QAM	12	7	18.78	19.12	18.77		
5	64QAM	12	13	18.76	19.14	18.86		
5	64QAM	25	0	18.78	19.03	18.92		
5	256QAM	1	0	18.94	19.03	18.90	20	0.5
5	256QAM	1	12	18.80	19.24	19.01		
5	256QAM	1	24	19.04	19.15	18.87		
5	256QAM	12	0	19.05	19.18	18.92	20	0.5
5	256QAM	12	7	18.99	19.08	18.81		
5	256QAM	12	13	19.04	19.22	19.04		
5	256QAM	25	0	18.90	19.16	18.96		

Band 30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					27710			
Frequency (MHz)					2310			
10	QPSK	1	0		21.00		22.2	0
10	QPSK	1	25		20.96			
10	QPSK	1	49		20.94			
10	QPSK	25	0		20.96		22.2	0
10	QPSK	25	12		20.87			
10	QPSK	25	25		20.87			
10	QPSK	50	0		20.97			
10	16QAM	1	0		20.96		22.2	0
10	16QAM	1	25		20.91			
10	16QAM	1	49		20.82			
10	16QAM	25	0		20.98		22.2	0
10	16QAM	25	12		20.93			
10	16QAM	25	25		20.88			
10	16QAM	50	0		20.86			
10	64QAM	1	0		20.87		22.2	0
10	64QAM	1	25		20.82			
10	64QAM	1	49		20.84			
10	64QAM	25	0		20.92		22	0.2
10	64QAM	25	12		20.90			
10	64QAM	25	25		20.83			
10	64QAM	50	0		20.77			
10	256QAM	1	0		19.09		20	2.2
10	256QAM	1	25		19.08			
10	256QAM	1	49		19.20			
10	256QAM	25	0		19.28		20	2.2
10	256QAM	25	12		19.06			
10	256QAM	25	25		19.07			
10	256QAM	50	0		19.16			
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	0	20.96	20.97	20.98	22.2	0
5	QPSK	1	12	20.87	20.93	20.91		
5	QPSK	1	24	20.87	20.85	20.87		
5	QPSK	12	0	20.90	20.87	20.86	22.2	0
5	QPSK	12	7	20.82	20.84	20.80		
5	QPSK	12	13	20.84	20.80	20.78		
5	QPSK	25	0	20.92	20.89	20.93		
5	16QAM	1	0	20.88	20.87	20.92	22.2	0
5	16QAM	1	12	20.83	20.88	20.84		
5	16QAM	1	24	20.80	20.77	20.74		
5	16QAM	12	0	20.93	20.93	20.92	22.2	0
5	16QAM	12	7	20.85	20.87	20.90		
5	16QAM	12	13	20.84	20.83	20.81		
5	16QAM	25	0	20.80	20.82	20.84		
5	64QAM	1	0	20.81	20.84	20.79	22.2	0
5	64QAM	1	12	20.79	20.76	20.79		
5	64QAM	1	24	20.78	20.76	20.82		
5	64QAM	12	0	20.82	20.83	20.82	22	0.2
5	64QAM	12	7	20.87	20.84	20.86		
5	64QAM	12	13	20.76	20.80	20.80		
5	64QAM	25	0	20.71	20.69	20.72		
5	256QAM	1	0	18.96	18.98	19.09	20	2.2
5	256QAM	1	12	18.98	18.99	18.92		
5	256QAM	1	24	18.94	19.03	19.12		
5	256QAM	12	0	18.88	19.19	18.86	20	2.2
5	256QAM	12	7	19.01	18.97	19.06		
5	256QAM	12	13	18.97	19.05	18.92		
5	256QAM	25	0	18.95	18.99	19.01		

Band 38

BW [MHz]	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	21.41	21.52	21.39	22.3	0
20	QPSK	1	49	21.22	21.35	21.40		
20	QPSK	1	99	21.17	21.33	21.14		
20	QPSK	50	0	21.46	21.48	21.47	22.3	0
20	QPSK	50	24	21.21	21.35	21.24		
20	QPSK	50	50	21.31	21.43	21.34		
20	QPSK	100	0	21.31	21.40	21.26		
20	16QAM	1	0	21.19	21.36	21.35	22.3	0
20	16QAM	1	49	21.44	21.46	21.42		
20	16QAM	1	99	21.23	21.42	21.24		
20	16QAM	50	0	21.27	21.29	21.12	22.3	0
20	16QAM	50	24	21.31	21.47	21.30		
20	16QAM	50	50	21.28	21.18	21.12		
20	16QAM	100	0	21.36	21.33	21.28		
20	64QAM	1	0	21.15	21.23	21.19	22.3	0
20	64QAM	1	49	21.06	21.21	21.11		
20	64QAM	1	99	21.18	21.28	21.20		
20	64QAM	50	0	20.81	20.94	20.92	21.8	0.5
20	64QAM	50	24	20.88	20.88	20.86		
20	64QAM	50	50	20.62	20.70	20.61		
20	64QAM	100	0	20.94	20.87	20.95		
20	256QAM	1	0	18.90	18.96	18.83	19.8	2.5
20	256QAM	1	49	18.76	18.85	18.76		
20	256QAM	1	99	18.64	18.76	18.53		
20	256QAM	50	0	18.97	18.98	18.97	19.8	2.5
20	256QAM	50	24	18.71	18.91	18.88		
20	256QAM	50	50	18.78	18.99	18.78		
20	256QAM	100	0	18.70	18.84	18.71		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.27	21.41	21.32	22.3	0
15	QPSK	1	37	21.10	21.19	21.35		
15	QPSK	1	74	21.01	21.20	20.99		
15	QPSK	36	0	21.40	21.42	21.34	22.3	0
15	QPSK	36	20	21.05	21.26	21.15		
15	QPSK	36	39	21.14	21.36	21.25		
15	QPSK	75	0	21.24	21.31	21.14		
15	16QAM	1	0	21.10	21.24	21.17	22.3	0
15	16QAM	1	37	21.33	21.39	21.39		
15	16QAM	1	74	21.13	21.32	21.14		
15	16QAM	36	0	21.17	21.26	20.97	22.3	0
15	16QAM	36	20	21.25	21.33	21.26		
15	16QAM	36	39	21.22	21.16	21.08		
15	16QAM	75	0	21.26	21.31	21.14		
15	64QAM	1	0	20.99	21.08	21.11	22.3	0
15	64QAM	1	37	20.97	21.16	20.98		
15	64QAM	1	74	21.14	21.19	21.15		
15	64QAM	36	0	20.64	20.81	20.84	21.8	0.5
15	64QAM	36	20	20.71	20.77	20.84		
15	64QAM	36	39	20.44	20.55	20.43		
15	64QAM	75	0	20.83	20.80	20.84		
15	256QAM	1	0	18.80	18.79	18.81	19.8	2.5
15	256QAM	1	37	18.65	18.71	18.68		
15	256QAM	1	74	18.52	18.74	18.40		
15	256QAM	36	0	18.92	18.90	18.89	19.8	2.5
15	256QAM	36	20	18.54	18.80	18.80		
15	256QAM	36	39	18.62	18.93	18.64		
15	256QAM	75	0	18.55	18.72	18.65		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.37	21.36	21.22	22.3	0
10	QPSK	1	25	21.13	21.30	21.26		
10	QPSK	1	49	21.03	21.25	21.02		
10	QPSK	25	0	21.41	21.35	21.33	22.3	0
10	QPSK	25	12	21.06	21.32	21.21		
10	QPSK	25	25	21.17	21.35	21.22		
10	QPSK	50	0	21.22	21.30	21.23		
10	16QAM	1	0	21.03	21.23	21.28	22.3	0
10	16QAM	1	25	21.38	21.33	21.37		
10	16QAM	1	49	21.21	21.31	21.06		
10	16QAM	25	0	21.15	21.25	20.97	22.3	0
10	16QAM	25	12	21.26	21.34	21.18		
10	16QAM	25	25	21.12	21.07	21.07		
10	16QAM	50	0	21.26	21.21	21.16		
10	64QAM	1	0	21.03	21.21	21.06	22.3	0
10	64QAM	1	25	20.94	21.08	21.06		
10	64QAM	1	49	21.04	21.13	21.09		
10	64QAM	25	0	20.70	20.89	20.77	21.8	0.5
10	64QAM	25	12	20.72	20.72	20.69		
10	64QAM	25	25	20.54	20.57	20.46		
10	64QAM	50	0	20.86	20.83	20.84		
10	256QAM	1	0	18.86	18.94	18.67	19.8	2.5
10	256QAM	1	25	18.69	18.72	18.62		
10	256QAM	1	49	18.52	18.70	18.64		
10	256QAM	25	0	18.80	18.92	18.88	19.8	2.5
10	256QAM	25	12	18.62	18.79	18.80		
10	256QAM	25	25	18.74	18.81	18.65		
10	256QAM	50	0	18.59	18.76	18.55		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.32	21.38	21.34	22.3	0
5	QPSK	1	12	21.04	21.17	21.27		
5	QPSK	1	24	21.12	21.19	21.00		
5	QPSK	12	0	21.34	21.45	21.30	22.3	0
5	QPSK	12	7	21.17	21.29	21.10		
5	QPSK	12	13	21.20	21.29	21.28		
5	QPSK	25	0	21.13	21.26	21.18		
5	16QAM	1	0	21.06	21.28	21.31	22.3	0
5	16QAM	1	12	21.28	21.32	21.35		
5	16QAM	1	24	21.15	21.33	21.19		
5	16QAM	12	0	21.16	21.11	20.99	22.3	0
5	16QAM	12	7	21.22	21.32	21.19		
5	16QAM	12	13	21.16	21.13	21.08		
5	16QAM	25	0	21.20	21.30	21.23		
5	64QAM	1	0	21.02	21.18	21.07	22.3	0
5	64QAM	1	12	21.01	21.03	21.00		
5	64QAM	1	24	21.16	21.15	21.09		
5	64QAM	12	0	20.77	20.79	20.85	21.8	0.5
5	64QAM	12	7	20.83	20.75	20.71		
5	64QAM	12	13	20.45	20.67	20.55		
5	64QAM	25	0	20.79	20.74	20.83		
5	256QAM	1	0	18.84	18.89	18.74	19.8	2.5
5	256QAM	1	12	18.74	18.72	18.72		
5	256QAM	1	24	18.52	18.61	18.54		
5	256QAM	12	0	18.88	18.92	18.81	19.8	2.5
5	256QAM	12	7	18.67	18.76	18.75		
5	256QAM	12	13	18.65	18.82	18.69		
5	256QAM	25	0	18.67	18.70	18.62		

Band 41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.68	21.61	21.72	21.67	21.65	22.3	0
20	QPSK	1	49	21.52	21.53	21.67	21.58	21.54		
20	QPSK	1	99	21.48	21.40	21.54	21.37	21.42		
20	QPSK	50	0	21.61	21.64	21.70	21.68	21.65	22.3	0
20	QPSK	50	24	21.51	21.48	21.65	21.56	21.51		
20	QPSK	50	50	21.55	21.59	21.69	21.63	21.61		
20	QPSK	100	0	21.52	21.49	21.65	21.55	21.57		
20	16QAM	1	0	21.54	21.45	21.62	21.52	21.57	22.3	0
20	16QAM	1	49	21.67	21.61	21.70	21.63	21.60		
20	16QAM	1	99	21.43	21.48	21.60	21.52	21.52		
20	16QAM	50	0	21.40	21.46	21.50	21.37	21.36	22.3	0
20	16QAM	50	24	21.56	21.58	21.67	21.63	21.52		
20	16QAM	50	50	21.35	21.47	21.50	21.35	21.38		
20	16QAM	100	0	21.48	21.57	21.64	21.46	21.62		
20	64QAM	1	0	21.46	21.38	21.53	21.43	21.47	22.3	0
20	64QAM	1	49	21.45	21.38	21.51	21.38	21.45		
20	64QAM	1	99	21.47	21.44	21.53	21.37	21.46		
20	64QAM	50	0	21.11	21.08	21.20	21.11	21.06	21.8	0.5
20	64QAM	50	24	21.11	21.09	21.18	21.10	21.15		
20	64QAM	50	50	20.95	20.93	20.97	20.82	20.85		
20	64QAM	100	0	21.04	21.18	21.20	21.18	21.12		
20	256QAM	1	0	19.10	19.13	19.19	19.02	19.07	19.8	2.5
20	256QAM	1	49	18.99	19.01	19.11	18.98	19.08		
20	256QAM	1	99	18.88	18.90	19.03	18.86	18.93		
20	256QAM	50	0	19.10	19.21	19.24	19.18	19.07	19.8	2.5
20	256QAM	50	24	18.95	18.96	19.10	19.07	19.07		
20	256QAM	50	50	19.05	19.03	19.19	19.04	19.09		
20	256QAM	100	0	18.99	18.96	19.10	19.02	19.02		
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	21.52	21.54	21.55	21.57	21.56	22	0
15	QPSK	1	37	21.48	21.41	21.63	21.47	21.38		
15	QPSK	1	74	21.33	21.26	21.50	21.22	21.26		
15	QPSK	36	0	21.44	21.59	21.58	21.55	21.56	22.3	0
15	QPSK	36	20	21.42	21.32	21.48	21.40	21.40		
15	QPSK	36	39	21.44	21.46	21.54	21.48	21.53		
15	QPSK	75	0	21.49	21.46	21.59	21.42	21.52		
15	16QAM	1	0	21.42	21.35	21.45	21.48	21.42	22.3	0
15	16QAM	1	37	21.52	21.55	21.58	21.49	21.45		
15	16QAM	1	74	21.39	21.32	21.46	21.44	21.46		
15	16QAM	36	0	21.24	21.34	21.45	21.33	21.29	22.3	0
15	16QAM	36	20	21.45	21.40	21.60	21.55	21.45		
15	16QAM	36	39	21.17	21.39	21.41	21.31	21.26		
15	16QAM	75	0	21.42	21.51	21.60	21.36	21.53		
15	64QAM	1	0	21.29	21.27	21.37	21.31	21.31	22.3	0
15	64QAM	1	37	21.41	21.20	21.48	21.29	21.28		
15	64QAM	1	74	21.42	21.29	21.36	21.24	21.33		
15	64QAM	36	0	20.97	21.03	21.16	21.06	21.02	21.8	0.5
15	64QAM	36	20	21.03	20.95	21.07	21.00	21.12		
15	64QAM	36	39	20.81	20.89	20.86	20.69	20.77		
15	64QAM	75	0	20.91	21.04	21.07	21.12	21.04		
15	256QAM	1	0	19.02	18.97	19.14	18.92	19.03	19.8	2.5
15	256QAM	1	37	18.88	18.93	19.07	18.93	18.95		
15	256QAM	1	74	18.81	18.75	18.89	18.83	18.81		
15	256QAM	36	0	18.97	19.13	19.09	19.11	18.90	19.8	2.5
15	256QAM	36	20	18.89	18.87	19.03	19.03	18.91		
15	256QAM	36	39	18.98	18.91	19.12	19.01	19.05		
15	256QAM	75	0	18.83	18.79	18.93	18.92	18.90		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.54	21.48	21.58	21.61	21.50	22	0
10	QPSK	1	25	21.38	21.38	21.55	21.44	21.38		
10	QPSK	1	49	21.34	21.27	21.38	21.19	21.24		
10	QPSK	25	0	21.56	21.48	21.52	21.62	21.60	22.3	0
10	QPSK	25	12	21.41	21.46	21.53	21.49	21.37		
10	QPSK	25	25	21.41	21.45	21.60	21.49	21.45		
10	QPSK	50	0	21.35	21.33	21.52	21.40	21.45		
10	16QAM	1	0	21.48	21.33	21.52	21.46	21.40	22.3	0
10	16QAM	1	25	21.59	21.55	21.55	21.50	21.58		
10	16QAM	1	49	21.32	21.34	21.53	21.35	21.43		
10	16QAM	25	0	21.22	21.36	21.35	21.22	21.22	22.3	0
10	16QAM	25	12	21.47	21.46	21.59	21.54	21.42		
10	16QAM	25	25	21.19	21.41	21.42	21.28	21.36		
10	16QAM	50	0	21.37	21.54	21.56	21.41	21.45		
10	64QAM	1	0	21.31	21.26	21.35	21.29	21.39	22.3	0
10	64QAM	1	25	21.34	21.24	21.43	21.31	21.35		
10	64QAM	1	49	21.36	21.30	21.40	21.24	21.32		
10	64QAM	25	0	20.94	20.97	21.10	21.05	20.94	21.8	0.5
10	64QAM	25	12	21.04	21.04	21.12	20.98	21.05		
10	64QAM	25	25	20.82	20.75	20.92	20.76	20.70		
10	64QAM	50	0	20.90	21.00	21.03	21.01	21.08		
10	256QAM	1	0	18.96	18.95	19.02	18.94	18.95	19.8	2.5
10	256QAM	1	25	18.92	18.93	19.08	18.89	19.02		
10	256QAM	1	49	18.79	18.78	18.93	18.78	18.78		
10	256QAM	25	0	19.05	19.17	19.18	19.08	19.04	19.8	2.5
10	256QAM	25	12	18.89	18.85	19.06	18.90	18.90		
10	256QAM	25	25	18.90	18.87	19.08	19.01	18.92		
10	256QAM	50	0	18.83	18.89	18.97	18.99	18.96		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.62	21.54	21.66	21.52	21.60	22	0
5	QPSK	1	12	21.38	21.40	21.53	21.53	21.45		
5	QPSK	1	24	21.37	21.38	21.37	21.27	21.37		
5	QPSK	12	0	21.46	21.50	21.57	21.64	21.52	22.3	0
5	QPSK	12	7	21.39	21.37	21.53	21.46	21.39		
5	QPSK	12	13	21.38	21.54	21.54	21.50	21.50		
5	QPSK	25	0	21.39	21.45	21.57	21.45	21.54		
5	16QAM	1	0	21.38	21.40	21.47	21.35	21.48	22.3	0
5	16QAM	1	12	21.50	21.50	21.61	21.59	21.45		
5	16QAM	1	24	21.38	21.46	21.57	21.44	21.34		
5	16QAM	12	0	21.30	21.38	21.38	21.20	21.27	22.3	0
5	16QAM	12	7	21.39	21.44	21.52	21.58	21.35		
5	16QAM	12	13	21.19	21.43	21.46	21.22	21.28		
5	16QAM	25	0	21.37	21.45	21.49	21.42	21.45		
5	64QAM	1	0	21.31	21.36	21.41	21.33	21.35	22.3	0
5	64QAM	1	12	21.40	21.28	21.43	21.35	21.30		
5	64QAM	1	24	21.33	21.27	21.51	21.31	21.41		
5	64QAM	12	0	21.09	21.01	21.10	21.07	21.04	21.8	0.5
5	64QAM	12	7	20.94	20.96	21.03	20.95	21.10		
5	64QAM	12	13	20.89	20.85	20.87	20.78	20.81		
5	64QAM	25	0	20.91	21.06	21.15	21.14	20.97		
5	256QAM	1	0	19.05	19.10	19.02	18.98	18.91	19.8	2.5
5	256QAM	1	12	18.91	18.90	18.97	18.88	19.02		
5	256QAM	1	24	18.80	18.84	19.01	18.75	18.88		
5	256QAM	12	0	18.97	19.13	19.08	19.02	18.90	19.8	2.5
5	256QAM	12	7	18.91	18.85	18.94	18.98	19.05		
5	256QAM	12	13	18.92	18.85	19.05	18.90	19.01		
5	256QAM	25	0	18.91	18.92	18.93	18.92	18.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.34	23.33	23.40	23.37	23.35	23.9	0
20	QPSK	1	49	23.25	23.20	23.35	23.31	23.23		
20	QPSK	1	99	23.28	23.27	23.36	23.27	23.22		
20	QPSK	50	0	23.19	23.25	23.34	23.25	23.25	23.9	0
20	QPSK	50	24	23.27	23.28	23.32	23.21	23.20		
20	QPSK	50	50	23.16	23.19	23.24	23.10	23.19		
20	QPSK	100	0	23.20	23.20	23.31	23.17	23.24		
20	16QAM	1	0	23.31	23.17	23.35	23.19	23.18	23.9	0
20	16QAM	1	49	23.31	23.33	23.38	23.20	23.23		
20	16QAM	1	99	23.13	23.12	23.26	23.08	23.19		
20	16QAM	50	0	23.15	23.23	23.31	23.29	23.19	23.9	0
20	16QAM	50	24	23.09	23.18	23.26	23.14	23.19		
20	16QAM	50	50	23.09	23.06	23.21	23.14	23.04		
20	16QAM	100	0	23.08	23.13	23.24	23.19	23.22		
20	64QAM	1	0	23.18	23.05	23.23	23.17	23.14	23.9	0
20	64QAM	1	49	23.15	23.11	23.28	23.17	23.16		
20	64QAM	1	99	23.01	23.00	23.07	22.93	22.92		
20	64QAM	50	0	23.10	23.03	23.21	23.19	23.16	23.9	0
20	64QAM	50	24	23.24	23.20	23.27	23.20	23.21		
20	64QAM	50	50	23.16	23.16	23.24	23.07	23.06		
20	64QAM	100	0	23.06	23.12	23.19	23.04	23.02		
20	256QAM	1	0	21.84	21.77	21.87	21.74	21.73	22.4	1.5
20	256QAM	1	49	21.86	21.72	21.90	21.81	21.80		
20	256QAM	1	99	21.67	21.69	21.79	21.75	21.68		
20	256QAM	50	0	21.85	21.83	21.90	21.78	21.77	22.4	1.5
20	256QAM	50	24	21.71	21.66	21.81	21.76	21.68		
20	256QAM	50	50	21.68	21.75	21.78	21.74	21.62		
20	256QAM	100	0	21.70	21.71	21.84	21.79	21.67		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.31	23.29	23.28	23.26	23.30	24	0
15	QPSK	1	37	23.18	23.11	23.18	23.22	23.11		
15	QPSK	1	74	23.19	23.10	23.20	23.24	23.20		
15	QPSK	36	0	23.01	23.08	23.25	23.11	23.15	23.9	0
15	QPSK	36	20	23.12	23.25	23.15	23.11	23.06		
15	QPSK	36	39	23.11	23.07	23.19	23.00	23.17		
15	QPSK	75	0	23.10	23.08	23.20	23.11	23.21		
15	16QAM	1	0	23.29	23.00	23.20	23.07	23.09	23.9	0
15	16QAM	1	37	23.28	23.24	23.24	23.10	23.12		
15	16QAM	1	74	22.98	22.95	23.09	22.97	23.08		
15	16QAM	36	0	23.08	23.14	23.19	23.13	23.07	23.9	0
15	16QAM	36	20	23.02	23.03	23.16	23.05	23.17		
15	16QAM	36	39	23.02	22.99	23.05	23.01	22.97		
15	16QAM	75	0	22.92	23.05	23.21	23.13	23.05		
15	64QAM	1	0	23.10	22.88	23.15	23.06	23.04	23.9	0
15	64QAM	1	37	23.09	23.05	23.20	23.00	23.10		
15	64QAM	1	74	22.98	22.91	22.98	22.76	22.82		
15	64QAM	36	0	23.01	22.89	23.05	23.03	23.01	23.9	0
15	64QAM	36	20	23.15	23.15	23.22	23.02	23.06		
15	64QAM	36	39	23.09	23.03	23.14	22.90	23.01		
15	64QAM	75	0	22.94	23.03	23.05	23.01	22.91		
15	256QAM	1	0	21.76	21.65	21.73	21.67	21.65	22.4	1.5
15	256QAM	1	37	21.72	21.63	21.75	21.69	21.68		
15	256QAM	1	74	21.60	21.57	21.62	21.65	21.61		
15	256QAM	36	0	21.68	21.69	21.86	21.71	21.70	22.4	1.5
15	256QAM	36	20	21.54	21.54	21.73	21.72	21.63		
15	256QAM	36	39	21.59	21.62	21.63	21.69	21.58		
15	256QAM	75	0	21.65	21.53	21.73	21.70	21.51		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.19	23.25	23.35	23.23	23.20	24	0
10	QPSK	1	25	23.09	23.13	23.20	23.26	23.12		
10	QPSK	1	49	23.22	23.19	23.29	23.17	23.08		
10	QPSK	25	0	23.10	23.22	23.23	23.12	23.08	23.9	0
10	QPSK	25	12	23.23	23.24	23.17	23.05	23.15		
10	QPSK	25	25	23.02	23.06	23.06	22.94	23.12		
10	QPSK	50	0	23.07	23.16	23.19	23.02	23.15		
10	16QAM	1	0	23.21	23.03	23.23	23.08	23.07	23.9	0
10	16QAM	1	25	23.20	23.29	23.25	23.09	23.15		
10	16QAM	1	49	23.02	23.06	23.19	22.97	23.12		
10	16QAM	25	0	23.07	23.17	23.18	23.12	23.12	23.9	0
10	16QAM	25	12	22.93	23.07	23.13	23.05	23.02		
10	16QAM	25	25	23.06	22.90	23.03	23.01	22.96		
10	16QAM	50	0	23.02	23.05	23.21	23.07	23.06		
10	64QAM	1	0	23.04	22.95	23.10	23.00	23.04	23.9	0
10	64QAM	1	25	23.12	22.98	23.10	23.14	23.12		
10	64QAM	1	49	22.85	22.85	23.04	22.85	22.83		
10	64QAM	25	0	23.00	22.99	23.12	23.04	23.02	23.9	0
10	64QAM	25	12	23.08	23.16	23.12	23.05	23.16		
10	64QAM	25	25	23.14	23.10	23.10	23.00	22.90		
10	64QAM	50	0	22.99	23.00	23.14	22.94	22.91		
10	256QAM	1	0	21.68	21.67	21.70	21.68	21.60	22.4	1.5
10	256QAM	1	25	21.74	21.66	21.87	21.65	21.71		
10	256QAM	1	49	21.58	21.57	21.75	21.67	21.56		
10	256QAM	25	0	21.76	21.69	21.88	21.75	21.74	22.4	1.5
10	256QAM	25	12	21.67	21.63	21.70	21.62	21.61		
10	256QAM	25	25	21.56	21.71	21.66	21.64	21.50		
10	256QAM	50	0	21.61	21.55	21.80	21.69	21.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.24	23.23	23.34	23.34	23.30	24	0
5	QPSK	1	12	23.12	23.09	23.23	23.29	23.07		
5	QPSK	1	24	23.22	23.11	23.21	23.11	23.08		
5	QPSK	12	0	23.07	23.09	23.31	23.18	23.13	23.9	0
5	QPSK	12	7	23.22	23.16	23.23	23.03	23.15		
5	QPSK	12	13	23.12	23.03	23.12	23.06	23.12		
5	QPSK	25	0	23.18	23.10	23.25	23.11	23.22		
5	16QAM	1	0	23.20	23.03	23.18	23.06	23.02	23.9	0
5	16QAM	1	12	23.23	23.19	23.22	23.15	23.06		
5	16QAM	1	24	23.05	23.06	23.15	23.05	23.13		
5	16QAM	12	0	23.11	23.20	23.27	23.17	23.14	23.9	0
5	16QAM	12	7	23.00	23.13	23.16	23.01	23.12		
5	16QAM	12	13	23.05	22.89	23.15	23.03	22.95		
5	16QAM	25	0	23.03	22.99	23.14	23.05	23.20		
5	64QAM	1	0	23.16	22.92	23.06	23.02	23.06	23.9	0
5	64QAM	1	12	23.01	23.07	23.25	23.04	23.07		
5	64QAM	1	24	22.95	22.92	23.04	22.84	22.79		
5	64QAM	12	0	22.96	22.92	23.14	23.03	23.13	23.9	0
5	64QAM	12	7	23.19	23.11	23.12	23.10	23.09		
5	64QAM	12	13	23.05	23.07	23.19	23.02	22.91		
5	64QAM	25	0	22.94	22.95	23.07	23.01	22.88		
5	256QAM	1	0	21.80	21.70	21.75	21.67	21.61	22.4	1.5
5	256QAM	1	12	21.81	21.67	21.76	21.71	21.65		
5	256QAM	1	24	21.62	21.56	21.76	21.68	21.63		
5	256QAM	12	0	21.73	21.77	21.73	21.63	21.73	22.4	1.5
5	256QAM	12	7	21.60	21.60	21.70	21.65	21.61		
5	256QAM	12	13	21.59	21.58	21.65	21.63	21.53		
5	256QAM	25	0	21.54	21.67	21.80	21.67	21.53		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.35	21.41	21.28	22.4	0
20	QPSK	1	49	21.17	21.24	21.25		
20	QPSK	1	99	21.09	21.23	21.09		
20	QPSK	50	0	21.30	21.38	21.30	22.4	0
20	QPSK	50	24	21.16	21.31	21.10		
20	QPSK	50	50	21.19	21.26	21.24		
20	QPSK	100	0	21.21	21.36	21.09		
20	16QAM	1	0	21.08	21.19	21.23	22.4	0
20	16QAM	1	49	21.29	21.33	21.31		
20	16QAM	1	99	21.14	21.31	21.21		
20	16QAM	50	0	21.21	21.12	21.03	22.4	0
20	16QAM	50	24	21.20	21.30	21.12		
20	16QAM	50	50	21.20	21.03	20.96		
20	16QAM	100	0	21.26	21.29	21.21		
20	64QAM	1	0	21.02	21.19	21.04	22.4	0
20	64QAM	1	49	20.88	21.19	21.08		
20	64QAM	1	99	21.03	21.21	21.14		
20	64QAM	50	0	20.77	20.81	20.75	22.4	0
20	64QAM	50	24	20.86	20.70	20.74		
20	64QAM	50	50	20.53	20.53	20.52		
20	64QAM	100	0	20.84	20.78	20.85		
20	256QAM	1	0	19.72	19.69	19.69	20.9	1.5
20	256QAM	1	49	19.74	19.76	19.73		
20	256QAM	1	99	19.78	19.70	19.78		
20	256QAM	50	0	19.70	19.75	19.67	20.9	1.5
20	256QAM	50	24	19.66	19.72	19.76		
20	256QAM	50	50	19.76	19.70	19.77		
20	256QAM	100	0	19.67	19.70	19.70		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.20	21.28	21.22	22.4	0
15	QPSK	1	37	21.09	21.14	21.10		
15	QPSK	1	74	20.94	21.13	21.05		
15	QPSK	36	0	21.19	21.33	21.15	22.4	0
15	QPSK	36	20	21.02	21.13	21.03		
15	QPSK	36	39	21.10	21.21	21.21		
15	QPSK	75	0	21.03	21.24	20.92		
15	16QAM	1	0	20.96	21.12	21.06	22.4	0
15	16QAM	1	37	21.17	21.30	21.28		
15	16QAM	1	74	20.97	21.21	21.12		
15	16QAM	36	0	21.15	20.98	20.90	22.4	0
15	16QAM	36	20	21.11	21.23	21.03		
15	16QAM	36	39	21.11	20.95	20.79		
15	16QAM	75	0	21.24	21.12	21.13		
15	64QAM	1	0	20.97	21.02	20.94	22.4	0
15	64QAM	1	37	20.74	21.15	20.98		
15	64QAM	1	74	21.00	21.04	20.97		
15	64QAM	36	0	20.64	20.67	20.61	22.4	0
15	64QAM	36	20	20.77	20.53	20.64		
15	64QAM	36	39	20.47	20.43	20.47		
15	64QAM	75	0	20.71	20.67	20.82		
15	256QAM	1	0	19.64	19.54	19.56	20.9	1.5
15	256QAM	1	37	19.59	19.62	19.70		
15	256QAM	1	74	19.69	19.53	19.65		
15	256QAM	36	0	19.57	19.60	19.54	20.9	1.5
15	256QAM	36	20	19.55	19.61	19.71		
15	256QAM	36	39	19.70	19.59	19.72		
15	256QAM	75	0	19.58	19.62	19.57		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.25	21.35	21.24	22.4	0
10	QPSK	1	25	21.02	21.14	21.17		
10	QPSK	1	49	20.97	21.11	20.93		
10	QPSK	25	0	21.27	21.33	21.28	22.4	0
10	QPSK	25	12	21.07	21.28	20.95		
10	QPSK	25	25	21.02	21.23	21.13		
10	QPSK	50	0	21.11	21.20	20.94		
10	16QAM	1	0	20.95	21.07	21.20	22.4	0
10	16QAM	1	25	21.16	21.25	21.15		
10	16QAM	1	49	21.06	21.14	21.05		
10	16QAM	25	0	21.12	21.05	20.97	22.4	0
10	16QAM	25	12	21.15	21.21	20.95		
10	16QAM	25	25	21.14	20.90	20.80		
10	16QAM	50	0	21.17	21.21	21.19		
10	64QAM	1	0	20.94	21.01	21.01	22.4	0
10	64QAM	1	25	20.84	21.14	20.95		
10	64QAM	1	49	20.99	21.15	21.08		
10	64QAM	25	0	20.72	20.77	20.62	22.4	0
10	64QAM	25	12	20.73	20.55	20.67		
10	64QAM	25	25	20.46	20.48	20.56		
10	64QAM	50	0	20.73	20.63	20.69		
10	256QAM	1	0	19.60	19.55	19.57	20.9	1.5
10	256QAM	1	25	19.60	19.62	19.65		
10	256QAM	1	49	19.70	19.60	19.62		
10	256QAM	25	0	19.60	19.67	19.56	20.9	1.5
10	256QAM	25	12	19.49	19.67	19.67		
10	256QAM	25	25	19.60	19.53	19.62		
10	256QAM	50	0	19.49	19.52	19.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.17	21.30	21.12	22.4	0
5	QPSK	1	12	21.01	21.22	21.17		
5	QPSK	1	24	20.98	21.15	20.96		
5	QPSK	12	0	21.14	21.25	21.22	22.4	0
5	QPSK	12	7	21.03	21.20	21.02		
5	QPSK	12	13	21.06	21.15	21.09		
5	QPSK	25	0	21.10	21.25	21.02		
5	16QAM	1	0	20.97	21.12	21.16	22.4	0
5	16QAM	1	12	21.15	21.29	21.27		
5	16QAM	1	24	21.03	21.22	21.05		
5	16QAM	12	0	21.15	21.09	20.91	22.4	0
5	16QAM	12	7	21.14	21.25	21.00		
5	16QAM	12	13	21.10	20.86	20.91		
5	16QAM	25	0	21.12	21.25	21.15		
5	64QAM	1	0	20.90	21.05	20.96	22.4	0
5	64QAM	1	12	20.80	21.14	20.92		
5	64QAM	1	24	20.97	21.14	20.96		
5	64QAM	12	0	20.69	20.76	20.65	22.4	0
5	64QAM	12	7	20.82	20.53	20.66		
5	64QAM	12	13	20.56	20.44	20.47		
5	64QAM	25	0	20.68	20.62	20.83		
5	256QAM	1	0	19.70	19.53	19.53	20.9	1.5
5	256QAM	1	12	19.70	19.68	19.69		
5	256QAM	1	24	19.72	19.64	19.70		
5	256QAM	12	0	19.63	19.61	19.52	20.9	1.5
5	256QAM	12	7	19.50	19.64	19.61		
5	256QAM	12	13	19.67	19.60	19.74		
5	256QAM	25	0	19.51	19.61	19.61		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.49	22.57	22.53	22.51	23.5	0
20	QPSK	1	49	22.51	22.54	22.44	22.48		
20	QPSK	1	99	22.41	22.47	22.51	22.51		
20	QPSK	50	0	22.46	22.53	22.41	22.40	23.5	0
20	QPSK	50	24	22.42	22.39	22.50	22.42		
20	QPSK	50	50	22.51	22.52	22.51	22.43		
20	QPSK	100	0	22.43	22.47	22.45	22.40		
20	16QAM	1	0	22.54	22.41	22.51	22.44	23.5	0
20	16QAM	1	49	22.48	22.49	22.53	22.46		
20	16QAM	1	99	22.42	22.49	22.53	22.40		
20	16QAM	50	0	22.47	22.50	22.46	22.47	23.5	0
20	16QAM	50	24	22.45	22.47	22.50	22.53		
20	16QAM	50	50	22.51	22.47	22.49	22.41		
20	16QAM	100	0	22.52	22.53	22.42	22.50		
20	64QAM	1	0	22.38	22.45	22.42	22.43	23.5	0
20	64QAM	1	49	22.53	22.54	22.40	22.51		
20	64QAM	1	99	22.39	22.44	22.48	22.39		
20	64QAM	50	0	21.45	21.50	21.50	21.51	22.5	1
20	64QAM	50	24	21.55	21.49	21.49	21.58		
20	64QAM	50	50	21.46	21.48	21.40	21.44		
20	64QAM	100	0	21.42	21.58	21.50	21.57		
20	256QAM	1	0	19.56	19.54	19.48	19.57	20.5	3
20	256QAM	1	49	19.49	19.52	19.47	19.62		
20	256QAM	1	99	19.49	19.40	19.41	19.51		
20	256QAM	50	0	19.55	19.55	19.49	19.52	20.5	3
20	256QAM	50	24	19.55	19.47	19.57	19.52		
20	256QAM	50	50	19.40	19.41	19.44	19.51		
20	256QAM	100	0	19.40	19.54	19.51	19.50		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.33	22.51	22.36	22.43	23.5	0
15	QPSK	1	37	22.47	22.42	22.35	22.44		
15	QPSK	1	74	22.35	22.30	22.26	22.32		
15	QPSK	36	0	22.41	22.38	22.35	22.43	23.5	0
15	QPSK	36	20	22.28	22.37	22.36	22.31		
15	QPSK	36	39	22.41	22.42	22.45	22.50		
15	QPSK	75	0	22.29	22.37	22.40	22.36		
15	16QAM	1	0	22.40	22.32	22.45	22.36	23.5	0
15	16QAM	1	37	22.46	22.41	22.39	22.37		
15	16QAM	1	74	22.38	22.40	22.39	22.40		
15	16QAM	36	0	22.39	22.43	22.38	22.37	23.5	0
15	16QAM	36	20	22.29	22.39	22.37	22.34		
15	16QAM	36	39	22.41	22.36	22.36	22.38		
15	16QAM	75	0	22.35	22.40	22.38	22.49		
15	64QAM	1	0	22.26	22.38	22.32	22.39	23.5	0
15	64QAM	1	37	22.39	22.47	22.38	22.50		
15	64QAM	1	74	22.34	22.34	22.22	22.37		
15	64QAM	36	0	21.27	21.44	21.33	21.47	22.5	1
15	64QAM	36	20	21.45	21.43	21.52	21.45		
15	64QAM	36	39	21.29	21.37	21.38	21.36		
15	64QAM	75	0	21.26	21.43	21.36	21.50		
15	256QAM	1	0	19.50	19.42	19.46	19.37	20.5	3
15	256QAM	1	37	19.46	19.43	19.43	19.41		
15	256QAM	1	74	19.42	19.29	19.34	19.27		
15	256QAM	36	0	19.49	19.48	19.38	19.50	20.5	3
15	256QAM	36	20	19.42	19.29	19.39	19.42		
15	256QAM	36	39	19.26	19.33	19.30	19.29		
15	256QAM	75	0	19.22	19.37	19.31	19.40		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.44	22.49	22.34	22.53	23.5	0
10	QPSK	1	25	22.35	22.47	22.36	22.48		
10	QPSK	1	49	22.38	22.31	22.34	22.43		
10	QPSK	25	0	22.40	22.47	22.37	22.46	23.5	0
10	QPSK	25	12	22.36	22.23	22.33	22.32		
10	QPSK	25	25	22.47	22.43	22.38	22.46		
10	QPSK	50	0	22.41	22.44	22.38	22.41		
10	16QAM	1	0	22.46	22.37	22.48	22.28	23.5	0
10	16QAM	1	25	22.42	22.39	22.33	22.43		
10	16QAM	1	49	22.39	22.45	22.28	22.42		
10	16QAM	25	0	22.32	22.43	22.33	22.33	23.5	0
10	16QAM	25	12	22.31	22.42	22.34	22.42		
10	16QAM	25	25	22.34	22.45	22.41	22.44		
10	16QAM	50	0	22.42	22.43	22.37	22.47		
10	64QAM	1	0	22.35	22.31	22.31	22.37	23.5	0
10	64QAM	1	25	22.48	22.47	22.38	22.42		
10	64QAM	1	49	22.27	22.39	22.29	22.38		
10	64QAM	25	0	21.35	21.36	21.31	21.34	22.5	1
10	64QAM	25	12	21.42	21.31	21.43	21.46		
10	64QAM	25	25	21.31	21.41	21.41	21.34		
10	64QAM	50	0	21.28	21.50	21.33	21.48		
10	256QAM	1	0	19.46	19.51	19.48	19.42	20.5	3
10	256QAM	1	25	19.34	19.44	19.32	19.49		
10	256QAM	1	49	19.39	19.23	19.35	19.29		
10	256QAM	25	0	19.45	19.40	19.42	19.44	20.5	3
10	256QAM	25	12	19.47	19.29	19.38	19.40		
10	256QAM	25	25	19.26	19.35	19.29	19.33		
10	256QAM	50	0	19.24	19.52	19.25	19.43		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.42	22.49	22.46	22.45	23.5	0
5	QPSK	1	12	22.35	22.43	22.38	22.45		
5	QPSK	1	24	22.37	22.35	22.39	22.32		
5	QPSK	12	0	22.42	22.45	22.40	22.39	23.5	0
5	QPSK	12	7	22.24	22.29	22.34	22.36		
5	QPSK	12	13	22.45	22.40	22.48	22.35		
5	QPSK	25	0	22.38	22.42	22.32	22.33		
5	16QAM	1	0	22.48	22.38	22.46	22.28	23.5	0
5	16QAM	1	12	22.31	22.44	22.31	22.44		
5	16QAM	1	24	22.37	22.43	22.36	22.38		
5	16QAM	12	0	22.39	22.41	22.42	22.46	23.5	0
5	16QAM	12	7	22.32	22.33	22.38	22.41		
5	16QAM	12	13	22.45	22.39	22.45	22.32		
5	16QAM	25	0	22.38	22.43	22.43	22.46		
5	64QAM	1	0	22.33	22.40	22.27	22.38	23.5	0
5	64QAM	1	12	22.40	22.36	22.37	22.51		
5	64QAM	1	24	22.29	22.39	22.29	22.28		
5	64QAM	12	0	21.43	21.47	21.39	21.43	22.5	1
5	64QAM	12	7	21.51	21.37	21.49	21.40		
5	64QAM	12	13	21.34	21.35	21.34	21.45		
5	64QAM	25	0	21.29	21.49	21.27	21.49		
5	256QAM	1	0	19.40	19.38	19.43	19.42	20.5	3
5	256QAM	1	12	19.45	19.48	19.42	19.43		
5	256QAM	1	24	19.44	19.33	19.47	19.27		
5	256QAM	12	0	19.42	19.43	19.49	19.41	20.5	3
5	256QAM	12	7	19.51	19.29	19.43	19.41		
5	256QAM	12	13	19.35	19.26	19.35	19.31		
5	256QAM	25	0	19.28	19.43	19.23	19.42		

Full&Default Power Mode for Other PA

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.57	22.72	22.30	24	0
20	QPSK	1	49	22.51	22.65	22.43		
20	QPSK	1	99	22.34	22.54	22.31		
20	QPSK	50	0	22.39	22.70	22.41	24	0
20	QPSK	50	24	22.38	22.58	22.47		
20	QPSK	50	50	22.39	22.66	22.37		
20	QPSK	100	0	22.42	22.61	22.32		
20	16QAM	1	0	22.38	22.63	22.35	24	0
20	16QAM	1	49	22.49	22.70	22.40		
20	16QAM	1	99	22.38	22.54	22.32		
20	16QAM	50	0	21.55	21.66	21.47	23	1
20	16QAM	50	24	21.50	21.69	21.45		
20	16QAM	50	50	21.54	21.66	21.43		
20	16QAM	100	0	21.49	21.66	21.50		
20	64QAM	1	0	21.48	21.83	21.45	23	1
20	64QAM	1	49	21.49	21.69	21.56		
20	64QAM	1	99	21.52	21.62	21.51		
20	64QAM	50	0	20.49	20.81	20.58	22	2
20	64QAM	50	24	20.50	20.76	20.46		
20	64QAM	50	50	20.51	20.68	20.51		
20	64QAM	100	0	20.51	20.70	20.47		
20	256QAM	1	0	18.41	18.73	18.49	20	4
20	256QAM	1	49	18.42	18.78	18.50		
20	256QAM	1	99	18.58	18.82	18.47		
20	256QAM	50	0	18.46	18.71	18.55	20	4
20	256QAM	50	24	18.44	18.65	18.37		
20	256QAM	50	50	18.48	18.67	18.40		
20	256QAM	100	0	18.46	18.72	18.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.45	22.62	22.18	24	0
15	QPSK	1	37	22.46	22.54	22.36		
15	QPSK	1	74	22.26	22.52	22.19		
15	QPSK	36	0	22.27	22.57	22.38	24	0
15	QPSK	36	20	22.26	22.52	22.38		
15	QPSK	36	39	22.36	22.62	22.31		
15	QPSK	75	0	22.33	22.58	22.28		
15	16QAM	1	0	22.33	22.60	22.29	24	0
15	16QAM	1	37	22.43	22.71	22.27		
15	16QAM	1	74	22.32	22.42	22.50		
15	16QAM	36	0	21.46	21.59	21.33	23	1
15	16QAM	36	20	21.36	21.63	21.38		
15	16QAM	36	39	21.47	21.58	21.40		
15	16QAM	75	0	21.43	21.59	21.46		
15	64QAM	1	0	21.44	21.71	21.43	23	1
15	64QAM	1	37	21.41	21.64	21.51		
15	64QAM	1	74	21.45	21.57	21.44		
15	64QAM	36	0	20.44	20.78	20.46	22	2
15	64QAM	36	20	20.46	20.69	20.39		
15	64QAM	36	39	20.47	20.58	20.41		
15	64QAM	75	0	20.48	20.65	20.37		
15	256QAM	1	0	18.30	18.60	18.45	20	4
15	256QAM	1	37	18.35	18.64	18.39		
15	256QAM	1	74	18.51	18.75	18.36		
15	256QAM	36	0	18.36	18.65	18.46	20	4
15	256QAM	36	20	18.42	18.57	18.28		
15	256QAM	36	39	18.43	18.54	18.29		
15	256QAM	75	0	18.33	18.69	18.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.47	22.70	22.22	24	0
10	QPSK	1	25	22.48	22.60	22.38		
10	QPSK	1	49	22.29	22.49	22.27		
10	QPSK	25	0	22.26	22.60	22.35	24	0
10	QPSK	25	12	22.28	22.49	22.39		
10	QPSK	25	25	22.31	22.57	22.35		
10	QPSK	50	0	22.28	22.50	22.20		
10	16QAM	1	0	22.31	22.61	22.24	24	0
10	16QAM	1	25	22.36	22.52	22.28		
10	16QAM	1	49	22.32	22.52	22.29		
10	16QAM	25	0	21.43	21.63	21.40	23	1
10	16QAM	25	12	21.42	21.56	21.38		
10	16QAM	25	25	21.48	21.64	21.35		
10	16QAM	50	0	21.38	21.55	21.47		
10	64QAM	1	0	21.45	21.76	21.33	23	1
10	64QAM	1	25	21.39	21.57	21.45		
10	64QAM	1	49	21.45	21.57	21.46		
10	64QAM	25	0	20.40	20.76	20.52	22	2
10	64QAM	25	12	20.46	20.66	20.33		
10	64QAM	25	25	20.42	20.62	20.43		
10	64QAM	50	0	20.47	20.62	20.36		
10	256QAM	1	0	18.39	18.71	18.45	20	4
10	256QAM	1	25	18.38	18.66	18.44		
10	256QAM	1	49	18.48	18.69	18.35		
10	256QAM	25	0	18.44	18.63	18.43	20	4
10	256QAM	25	12	18.31	18.53	18.33		
10	256QAM	25	25	18.42	18.55	18.36		
10	256QAM	50	0	18.37	18.62	18.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.50	22.66	22.27	24	0
5	QPSK	1	12	22.38	22.56	22.36		
5	QPSK	1	24	22.29	22.47	22.23		
5	QPSK	12	0	22.34	22.61	22.28	24	0
5	QPSK	12	7	22.25	22.51	22.42		
5	QPSK	12	13	22.29	22.52	22.25		
5	QPSK	25	0	22.36	22.47	22.27		
5	16QAM	1	0	22.25	22.57	22.26	24	0
5	16QAM	1	12	22.36	22.68	22.35		
5	16QAM	1	24	22.27	22.42	22.29		
5	16QAM	12	0	21.47	21.56	21.37	23	1
5	16QAM	12	7	21.39	21.65	21.31		
5	16QAM	12	13	21.41	21.62	21.41		
5	16QAM	25	0	21.44	21.63	21.45		
5	64QAM	1	0	21.39	21.79	21.35	23	1
5	64QAM	1	12	21.46	21.63	21.53		
5	64QAM	1	24	21.42	21.59	21.48		
5	64QAM	12	0	20.36	20.78	20.55	22	2
5	64QAM	12	7	20.48	20.72	20.42		
5	64QAM	12	13	20.39	20.54	20.46		
5	64QAM	25	0	20.43	20.65	20.36		
5	256QAM	1	0	18.32	18.63	18.38	20	4
5	256QAM	1	12	18.40	18.70	18.39		
5	256QAM	1	24	18.56	18.80	18.37		
5	256QAM	12	0	18.33	18.66	18.43	20	4
5	256QAM	12	7	18.33	18.58	18.29		
5	256QAM	12	13	18.43	18.54	18.33		
5	256QAM	25	0	18.34	18.67	18.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.47	22.70	22.28	24	0
3	QPSK	1	8	22.42	22.57	22.40		
3	QPSK	1	14	22.25	22.44	22.27		
3	QPSK	8	0	22.29	22.68	22.38	24	0
3	QPSK	8	4	22.34	22.54	22.40		
3	QPSK	8	7	22.29	22.57	22.32		
3	QPSK	15	0	22.32	22.52	22.23		
3	16QAM	1	0	22.28	22.58	22.31	24	0
3	16QAM	1	8	22.45	22.63	22.32		
3	16QAM	1	14	22.30	22.45	22.25		
3	16QAM	8	0	21.42	21.52	21.43	23	1
3	16QAM	8	4	21.47	21.63	21.41		
3	16QAM	8	7	21.40	21.53	21.40		
3	16QAM	15	0	21.44	21.55	21.45		
3	64QAM	1	0	21.38	21.73	21.32	23	1
3	64QAM	1	8	21.36	21.64	21.42		
3	64QAM	1	14	21.42	21.54	21.38		
3	64QAM	8	0	20.38	20.77	20.51	22	2
3	64QAM	8	4	20.41	20.66	20.43		
3	64QAM	8	7	20.44	20.57	20.38		
3	64QAM	15	0	20.44	20.63	20.36		
3	256QAM	1	0	18.30	18.60	18.38	20	4
3	256QAM	1	8	18.38	18.71	18.37		
3	256QAM	1	14	18.48	18.74	18.34		
3	256QAM	8	0	18.44	18.59	18.48	20	4
3	256QAM	8	4	18.38	18.58	18.35		
3	256QAM	8	7	18.43	18.54	18.33		
3	256QAM	15	0	18.39	18.67	18.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.28	22.56	22.28	24	0
1.4	QPSK	1	3	22.26	22.54	22.34		
1.4	QPSK	1	5	22.30	22.55	22.39		
1.4	QPSK	3	0	22.25	22.61	22.26		
1.4	QPSK	3	1	22.27	22.51	22.43		
1.4	QPSK	3	3	22.39	22.58	22.25		
1.4	QPSK	6	0	22.31	22.57	22.21	24	0
1.4	16QAM	1	0	22.40	22.54	22.38	24	0
1.4	16QAM	1	3	22.44	22.55	22.37		
1.4	16QAM	1	5	22.35	22.47	22.34		
1.4	16QAM	3	0	22.28	22.60	22.28		
1.4	16QAM	3	1	22.34	22.65	22.29		
1.4	16QAM	3	3	22.34	22.50	22.29		
1.4	16QAM	6	0	21.46	21.76	21.53	23	1
1.4	64QAM	1	0	21.34	21.56	21.58	23	1
1.4	64QAM	1	3	21.55	21.78	21.49		
1.4	64QAM	1	5	21.49	21.79	21.57		
1.4	64QAM	3	0	21.45	21.71	21.31		
1.4	64QAM	3	1	21.32	21.59	21.29		
1.4	64QAM	3	3	21.57	21.64	21.36		
1.4	64QAM	6	0	20.46	20.72	20.43	22	2
1.4	256QAM	1	0	18.45	18.60	18.44	20	4
1.4	256QAM	1	3	18.52	18.83	18.46		
1.4	256QAM	1	5	18.39	18.56	18.47		
1.4	256QAM	3	0	18.39	18.68	18.51		
1.4	256QAM	3	1	18.42	18.66	18.43		
1.4	256QAM	3	3	18.63	18.52	18.38		
1.4	256QAM	6	0	18.34	18.81	18.39	20	4

Band 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.39	23.51	23.48	24	0
20	QPSK	1	49	23.29	23.48	23.37		
20	QPSK	1	99	23.29	23.50	23.37		
20	QPSK	50	0	23.20	23.50	23.24	24	0
20	QPSK	50	24	23.30	23.44	23.46		
20	QPSK	50	50	23.18	23.40	23.36		
20	QPSK	100	0	23.34	23.45	23.38		
20	16QAM	1	0	23.17	23.27	23.35	24	0
20	16QAM	1	49	23.25	23.39	23.35		
20	16QAM	1	99	23.24	23.36	23.41		
20	16QAM	50	0	22.47	22.35	22.35	23	1
20	16QAM	50	24	22.41	22.50	22.61		
20	16QAM	50	50	22.34	22.56	22.33		
20	16QAM	100	0	22.27	22.59	22.34		
20	64QAM	1	0	22.21	22.28	22.45	23	1
20	64QAM	1	49	22.26	22.63	22.48		
20	64QAM	1	99	22.35	22.53	22.37		
20	64QAM	50	0	21.57	21.49	21.31	22	2
20	64QAM	50	24	21.50	21.39	21.50		
20	64QAM	50	50	21.39	21.47	21.30		
20	64QAM	100	0	21.33	21.63	21.48		
20	256QAM	1	0	19.34	19.61	19.51	20	4
20	256QAM	1	49	19.47	19.43	19.52		
20	256QAM	1	99	19.33	19.42	19.42		
20	256QAM	50	0	19.26	19.46	19.35	20	4
20	256QAM	50	24	19.35	19.34	19.55		
20	256QAM	50	50	19.42	19.42	19.51		
20	256QAM	100	0	19.40	19.58	19.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.33	23.46	23.36	24	0
15	QPSK	1	37	23.19	23.41	23.23		
15	QPSK	1	74	23.16	23.38	23.26		
15	QPSK	36	0	23.10	23.44	23.15	24	0
15	QPSK	36	20	23.21	23.40	23.34		
15	QPSK	36	39	23.15	23.31	23.23		
15	QPSK	75	0	23.29	23.42	23.27		
15	16QAM	1	0	23.10	23.15	23.23	24	0
15	16QAM	1	37	23.14	23.29	23.27		
15	16QAM	1	74	23.14	23.28	23.37		
15	16QAM	36	0	22.44	22.28	22.26	23	1
15	16QAM	36	20	22.38	22.45	22.50		
15	16QAM	36	39	22.26	22.45	22.29		
15	16QAM	75	0	22.20	22.53	22.23		
15	64QAM	1	0	22.13	22.19	22.39	23	1
15	64QAM	1	37	22.23	22.52	22.34		
15	64QAM	1	74	22.29	22.41	22.32		
15	64QAM	36	0	21.44	21.37	21.23	22	2
15	64QAM	36	20	21.48	21.34	21.45		
15	64QAM	36	39	21.27	21.33	21.18		
15	64QAM	75	0	21.22	21.59	21.46		
15	256QAM	1	0	19.26	19.58	19.39	20	4
15	256QAM	1	37	19.41	19.35	19.46		
15	256QAM	1	74	19.24	19.29	19.39		
15	256QAM	36	0	19.19	19.35	19.22	20	4
15	256QAM	36	20	19.27	19.27	19.42		
15	256QAM	36	39	19.33	19.38	19.44		
15	256QAM	75	0	19.27	19.47	19.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.29	23.47	23.45	24	0
10	QPSK	1	25	23.21	23.37	23.27		
10	QPSK	1	49	23.16	23.39	23.30		
10	QPSK	25	0	23.07	23.37	23.10	24	0
10	QPSK	25	12	23.17	23.31	23.33		
10	QPSK	25	25	23.11	23.36	23.23		
10	QPSK	50	0	23.30	23.42	23.26		
10	16QAM	1	0	23.08	23.14	23.31	24	0
10	16QAM	1	25	23.21	23.26	23.23		
10	16QAM	1	49	23.17	23.32	23.28		
10	16QAM	25	0	22.36	22.30	22.31	23	1
10	16QAM	25	12	22.28	22.42	22.47		
10	16QAM	25	25	22.29	22.49	22.29		
10	16QAM	50	0	22.17	22.57	22.31		
10	64QAM	1	0	22.15	22.17	22.36	23	1
10	64QAM	1	25	22.19	22.56	22.38		
10	64QAM	1	49	22.29	22.51	22.25		
10	64QAM	25	0	21.54	21.42	21.17	22	2
10	64QAM	25	12	21.45	21.30	21.37		
10	64QAM	25	25	21.30	21.37	21.16		
10	64QAM	50	0	21.28	21.61	21.44		
10	256QAM	1	0	19.31	19.54	19.47	20	4
10	256QAM	1	25	19.37	19.38	19.49		
10	256QAM	1	49	19.24	19.36	19.31		
10	256QAM	25	0	19.24	19.37	19.31	20	4
10	256QAM	25	12	19.31	19.24	19.53		
10	256QAM	25	25	19.29	19.33	19.47		
10	256QAM	50	0	19.30	19.49	19.40		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.35	23.48	23.37	24	0
5	QPSK	1	12	23.24	23.38	23.25		
5	QPSK	1	24	23.20	23.40	23.24		
5	QPSK	12	0	23.06	23.41	23.15	24	0
5	QPSK	12	7	23.26	23.32	23.37		
5	QPSK	12	13	23.15	23.34	23.33		
5	QPSK	25	0	23.22	23.39	23.28		
5	16QAM	1	0	23.04	23.20	23.29	24	0
5	16QAM	1	12	23.16	23.27	23.28		
5	16QAM	1	24	23.20	23.32	23.33		
5	16QAM	12	0	22.36	22.26	22.27	23	1
5	16QAM	12	7	22.32	22.37	22.58		
5	16QAM	12	13	22.22	22.53	22.25		
5	16QAM	25	0	22.22	22.46	22.29		
5	64QAM	1	0	22.15	22.14	22.35	23	1
5	64QAM	1	12	22.22	22.58	22.38		
5	64QAM	1	24	22.31	22.50	22.27		
5	64QAM	12	0	21.48	21.41	21.19	22	2
5	64QAM	12	7	21.40	21.28	21.46		
5	64QAM	12	13	21.25	21.33	21.20		
5	64QAM	25	0	21.23	21.56	21.41		
5	256QAM	1	0	19.21	19.54	19.47	20	4
5	256QAM	1	12	19.42	19.33	19.41		
5	256QAM	1	24	19.24	19.39	19.31		
5	256QAM	12	0	19.12	19.35	19.30	20	4
5	256QAM	12	7	19.32	19.24	19.46		
5	256QAM	12	13	19.40	19.39	19.41		
5	256QAM	25	0	19.26	19.55	19.40		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.26	23.40	23.44	24	0
3	QPSK	1	8	23.17	23.43	23.34		
3	QPSK	1	14	23.26	23.45	23.27		
3	QPSK	8	0	23.17	23.38	23.13	24	0
3	QPSK	8	4	23.20	23.35	23.38		
3	QPSK	8	7	23.13	23.34	23.24		
3	QPSK	15	0	23.22	23.41	23.29		
3	16QAM	1	0	23.11	23.23	23.29	24	0
3	16QAM	1	8	23.15	23.34	23.21		
3	16QAM	1	14	23.12	23.22	23.31		
3	16QAM	8	0	22.35	22.26	22.28	23	1
3	16QAM	8	4	22.38	22.43	22.52		
3	16QAM	8	7	22.25	22.43	22.22		
3	16QAM	15	0	22.18	22.53	22.29		
3	64QAM	1	0	22.16	22.25	22.32	23	1
3	64QAM	1	8	22.14	22.55	22.43		
3	64QAM	1	14	22.24	22.44	22.29		
3	64QAM	8	0	21.50	21.38	21.21	22	2
3	64QAM	8	4	21.47	21.25	21.47		
3	64QAM	8	7	21.31	21.44	21.22		
3	64QAM	15	0	21.23	21.56	21.35		
3	256QAM	1	0	19.24	19.48	19.42	20	4
3	256QAM	1	8	19.42	19.41	19.46		
3	256QAM	1	14	19.25	19.38	19.32		
3	256QAM	8	0	19.18	19.40	19.21	20	4
3	256QAM	8	4	19.24	19.20	19.47		
3	256QAM	8	7	19.34	19.39	19.38		
3	256QAM	15	0	19.32	19.47	19.41		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.04	23.27	23.32	24	0
1.4	QPSK	1	3	23.05	23.29	23.18		
1.4	QPSK	1	5	23.12	23.22	23.29		
1.4	QPSK	3	0	23.12	23.23	23.22		
1.4	QPSK	3	1	23.11	23.24	23.19		
1.4	QPSK	3	3	23.16	23.18	23.34		
1.4	QPSK	6	0	23.09	23.21	23.16	24	0
1.4	16QAM	1	0	23.13	23.15	23.21	24	0
1.4	16QAM	1	3	23.16	23.24	23.19		
1.4	16QAM	1	5	23.11	23.25	23.18		
1.4	16QAM	3	0	23.20	23.26	23.19		
1.4	16QAM	3	1	23.20	23.16	23.19		
1.4	16QAM	3	3	23.11	23.18	23.21		
1.4	16QAM	6	0	22.21	22.19	22.27	23	1
1.4	64QAM	1	0	22.21	22.36	22.14	23	1
1.4	64QAM	1	3	22.07	22.38	22.46		
1.4	64QAM	1	5	22.37	22.32	22.21		
1.4	64QAM	3	0	22.33	22.50	22.33		
1.4	64QAM	3	1	22.19	22.25	22.16		
1.4	64QAM	3	3	22.16	22.44	22.50		
1.4	64QAM	6	0	21.12	21.41	21.42	22	2
1.4	256QAM	1	0	19.29	19.18	19.33	20	4
1.4	256QAM	1	3	19.27	19.45	19.27		
1.4	256QAM	1	5	19.33	19.43	19.19		
1.4	256QAM	3	0	19.25	19.34	19.30		
1.4	256QAM	3	1	19.09	19.19	19.46		
1.4	256QAM	3	3	19.16	19.43	19.30		
1.4	256QAM	6	0	19.16	19.32	19.44	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.21	23.32	23.14	24	0
20	QPSK	1	49	23.05	23.19	23.02		
20	QPSK	1	99	23.12	23.04	23.05		
20	QPSK	50	0	23.12	23.18	23.05	24	0
20	QPSK	50	24	23.08	23.11	23.07		
20	QPSK	50	50	23.01	23.14	23.03		
20	QPSK	100	0	23.05	23.11	23.04		
20	16QAM	1	0	23.10	23.18	22.93	24	0
20	16QAM	1	49	23.06	23.06	22.98		
20	16QAM	1	99	23.09	23.14	23.10		
20	16QAM	50	0	22.19	22.32	22.20	23	1
20	16QAM	50	24	22.23	22.05	22.13		
20	16QAM	50	50	22.26	22.08	22.12		
20	16QAM	100	0	22.24	22.22	22.28		
20	64QAM	1	0	22.12	22.21	22.15	23	1
20	64QAM	1	49	22.12	22.18	22.11		
20	64QAM	1	99	22.11	22.33	22.04		
20	64QAM	50	0	21.29	21.16	21.09	22	2
20	64QAM	50	24	21.31	21.28	20.99		
20	64QAM	50	50	21.00	21.37	21.06		
20	64QAM	100	0	21.05	21.15	21.16		
20	256QAM	1	0	19.23	19.19	19.02	20	4
20	256QAM	1	49	19.17	19.38	19.17		
20	256QAM	1	99	19.26	19.19	19.06		
20	256QAM	50	0	19.35	19.13	19.05	20	4
20	256QAM	50	24	19.17	19.28	18.98		
20	256QAM	50	50	19.17	19.18	19.06		
20	256QAM	100	0	19.23	19.22	19.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.15	23.19	23.10	24	0
15	QPSK	1	37	23.00	23.11	22.94		
15	QPSK	1	74	22.99	23.01	22.94		
15	QPSK	36	0	23.04	23.10	22.92	24	0
15	QPSK	36	20	23.03	23.06	22.94		
15	QPSK	36	39	22.97	23.04	22.97		
15	QPSK	75	0	22.93	23.04	23.00		
15	16QAM	1	0	23.03	23.15	22.91	24	0
15	16QAM	1	37	22.95	22.93	22.85		
15	16QAM	1	74	23.06	23.01	23.01		
15	16QAM	36	0	22.15	22.20	22.11	23	1
15	16QAM	36	20	22.09	21.94	21.99		
15	16QAM	36	39	22.14	22.05	22.06		
15	16QAM	75	0	22.11	22.10	22.16		
15	64QAM	1	0	22.01	22.11	22.04	23	1
15	64QAM	1	37	22.04	22.11	22.07		
15	64QAM	1	74	22.05	22.27	21.91		
15	64QAM	36	0	21.17	21.11	21.03	22	2
15	64QAM	36	20	21.21	21.20	20.90		
15	64QAM	36	39	20.91	21.23	20.99		
15	64QAM	75	0	20.94	21.08	21.11		
15	256QAM	1	0	19.18	19.15	18.97	20	4
15	256QAM	1	37	19.13	19.30	19.12		
15	256QAM	1	74	19.17	19.11	18.96		
15	256QAM	36	0	19.29	19.09	18.94	20	4
15	256QAM	36	20	19.12	19.18	18.91		
15	256QAM	36	39	19.03	19.14	18.96		
15	256QAM	75	0	19.18	19.17	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.13	23.21	23.02	24	0
10	QPSK	1	25	22.97	23.09	22.93		
10	QPSK	1	49	23.03	22.96	22.94		
10	QPSK	25	0	23.09	23.09	22.94	24	0
10	QPSK	25	12	22.98	23.04	22.97		
10	QPSK	25	25	22.94	23.09	23.01		
10	QPSK	50	0	23.00	23.07	22.94		
10	16QAM	1	0	23.08	23.12	22.82	24	0
10	16QAM	1	25	22.97	22.94	22.95		
10	16QAM	1	49	23.04	23.04	23.08		
10	16QAM	25	0	22.13	22.27	22.14	23	1
10	16QAM	25	12	22.17	22.00	22.07		
10	16QAM	25	25	22.16	22.00	21.99		
10	16QAM	50	0	22.18	22.18	22.22		
10	64QAM	1	0	22.08	22.07	22.04	23	1
10	64QAM	1	25	22.02	22.10	22.04		
10	64QAM	1	49	21.98	22.26	21.96		
10	64QAM	25	0	21.23	21.03	21.04	22	2
10	64QAM	25	12	21.28	21.21	20.92		
10	64QAM	25	25	20.96	21.34	20.95		
10	64QAM	50	0	20.93	21.05	21.13		
10	256QAM	1	0	19.12	19.13	18.97	20	4
10	256QAM	1	25	19.08	19.30	19.11		
10	256QAM	1	49	19.19	19.07	18.96		
10	256QAM	25	0	19.26	19.09	18.97	20	4
10	256QAM	25	12	19.12	19.23	18.95		
10	256QAM	25	25	19.06	19.11	19.01		
10	256QAM	50	0	19.20	19.13	19.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.18	23.24	23.00	24	0
5	QPSK	1	12	22.92	23.16	22.89		
5	QPSK	1	24	23.04	22.97	22.99		
5	QPSK	12	0	23.07	23.08	22.92	24	0
5	QPSK	12	7	22.99	22.97	23.04		
5	QPSK	12	13	22.92	23.09	22.91		
5	QPSK	25	0	23.00	23.06	22.92		
5	16QAM	1	0	23.00	23.13	22.80	24	0
5	16QAM	1	12	22.96	23.02	22.94		
5	16QAM	1	24	23.05	23.11	23.06		
5	16QAM	12	0	22.07	22.27	22.17	23	1
5	16QAM	12	7	22.13	21.95	21.99		
5	16QAM	12	13	22.23	21.98	21.98		
5	16QAM	25	0	22.11	22.17	22.17		
5	64QAM	1	0	22.07	22.10	22.01	23	1
5	64QAM	1	12	22.00	22.06	22.08		
5	64QAM	1	24	22.09	22.20	21.93		
5	64QAM	12	0	21.18	21.10	21.06	22	2
5	64QAM	12	7	21.24	21.14	20.92		
5	64QAM	12	13	20.87	21.28	20.98		
5	64QAM	25	0	20.98	21.03	21.08		
5	256QAM	1	0	19.12	19.08	18.94	20	4
5	256QAM	1	12	19.06	19.26	19.12		
5	256QAM	1	24	19.13	19.15	19.04		
5	256QAM	12	0	19.24	19.01	18.98	20	4
5	256QAM	12	7	19.15	19.15	18.89		
5	256QAM	12	13	19.06	19.06	18.95		
5	256QAM	25	0	19.19	19.19	19.17		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.10	23.20	23.07	24	0
3	QPSK	1	8	22.99	23.16	22.93		
3	QPSK	1	14	23.00	22.93	22.94		
3	QPSK	8	0	23.09	23.15	23.01	24	0
3	QPSK	8	4	22.97	23.07	23.02		
3	QPSK	8	7	22.92	23.00	22.98		
3	QPSK	15	0	22.91	23.07	22.96		
3	16QAM	1	0	23.04	23.07	22.86	24	0
3	16QAM	1	8	23.03	23.02	22.95		
3	16QAM	1	14	22.98	23.04	22.98		
3	16QAM	8	0	22.06	22.19	22.17	23	1
3	16QAM	8	4	22.20	22.03	22.04		
3	16QAM	8	7	22.14	21.94	22.04		
3	16QAM	15	0	22.11	22.20	22.19		
3	64QAM	1	0	22.08	22.11	22.03	23	1
3	64QAM	1	8	22.07	22.13	22.06		
3	64QAM	1	14	22.01	22.19	21.98		
3	64QAM	8	0	21.25	21.11	21.04	22	2
3	64QAM	8	4	21.23	21.22	20.92		
3	64QAM	8	7	20.86	21.26	20.99		
3	64QAM	15	0	20.93	21.01	21.05		
3	256QAM	1	0	19.18	19.12	18.97	20	4
3	256QAM	1	8	19.10	19.27	19.04		
3	256QAM	1	14	19.14	19.06	18.98		
3	256QAM	8	0	19.32	19.02	19.02	20	4
3	256QAM	8	4	19.14	19.15	18.86		
3	256QAM	8	7	19.09	19.14	18.94		
3	256QAM	15	0	19.11	19.19	19.17		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.87	23.04	22.88	24	0
1.4	QPSK	1	3	23.00	23.06	23.00		
1.4	QPSK	1	5	23.00	23.02	22.84		
1.4	QPSK	3	0	22.95	22.97	22.87		
1.4	QPSK	3	1	22.85	22.97	22.96		
1.4	QPSK	3	3	22.94	23.10	22.83		
1.4	QPSK	6	0	23.01	22.96	22.95	24	0
1.4	16QAM	1	0	22.89	22.92	22.97	24	0
1.4	16QAM	1	3	23.02	23.09	22.92		
1.4	16QAM	1	5	23.03	23.03	22.96		
1.4	16QAM	3	0	22.94	23.03	22.98		
1.4	16QAM	3	1	23.00	22.94	22.91		
1.4	16QAM	3	3	23.02	22.90	22.91		
1.4	16QAM	6	0	22.03	22.17	21.99	23	1
1.4	64QAM	1	0	22.06	21.95	22.07	23	1
1.4	64QAM	1	3	22.07	21.98	22.10		
1.4	64QAM	1	5	22.03	22.03	22.07		
1.4	64QAM	3	0	22.05	22.29	22.01		
1.4	64QAM	3	1	21.93	22.13	22.06		
1.4	64QAM	3	3	22.06	22.00	22.12		
1.4	64QAM	6	0	21.00	21.02	20.94	22	2
1.4	256QAM	1	0	19.15	19.04	19.06	20	4
1.4	256QAM	1	3	18.93	19.02	19.06		
1.4	256QAM	1	5	19.15	19.23	19.10		
1.4	256QAM	3	0	19.08	19.00	18.87		
1.4	256QAM	3	1	19.13	19.24	19.08		
1.4	256QAM	3	3	19.25	19.17	19.13		
1.4	256QAM	6	0	19.09	19.24	19.12	20	4

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.94	22.98	22.84	24	0
20	QPSK	1	49	22.69	22.86	22.80		
20	QPSK	1	99	22.78	22.76	22.80		
20	QPSK	50	0	22.78	22.95	22.85	24	0
20	QPSK	50	24	22.85	22.86	22.78		
20	QPSK	50	50	22.79	22.91	22.71		
20	QPSK	100	0	22.80	22.82	22.81		
20	16QAM	1	0	22.78	22.95	22.78	24	0
20	16QAM	1	49	22.89	22.82	22.89		
20	16QAM	1	99	22.77	22.84	22.76		
20	16QAM	50	0	21.77	22.11	21.94	23	1
20	16QAM	50	24	21.99	21.88	21.83		
20	16QAM	50	50	21.78	22.02	21.88		
20	16QAM	100	0	21.94	21.96	22.02		
20	64QAM	1	0	22.01	22.10	21.98	23	1
20	64QAM	1	49	21.89	22.03	21.97		
20	64QAM	1	99	22.05	22.15	21.79		
20	64QAM	50	0	21.07	20.83	20.89	22	2
20	64QAM	50	24	20.97	21.04	20.82		
20	64QAM	50	50	20.99	20.81	20.89		
20	64QAM	100	0	20.90	20.82	20.89		
20	256QAM	1	0	18.91	19.08	19.06	20	4
20	256QAM	1	49	19.03	19.09	19.05		
20	256QAM	1	99	18.97	19.10	18.77		
20	256QAM	50	0	19.02	19.05	18.84	20	4
20	256QAM	50	24	18.91	19.10	19.08		
20	256QAM	50	50	18.88	19.09	19.00		
20	256QAM	100	0	19.07	18.94	18.92		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.84	22.90	22.75	24	0
15	QPSK	1	37	22.62	22.80	22.69		
15	QPSK	1	74	22.65	22.70	22.69		
15	QPSK	36	0	22.75	22.88	22.74	24	0
15	QPSK	36	20	22.78	22.79	22.75		
15	QPSK	36	39	22.72	22.81	22.66		
15	QPSK	75	0	22.76	22.69	22.74		
15	16QAM	1	0	22.76	22.92	22.71	24	0
15	16QAM	1	37	22.79	22.73	22.80		
15	16QAM	1	74	22.69	22.76	22.72		
15	16QAM	36	0	21.70	22.01	21.84	23	1
15	16QAM	36	20	21.92	21.78	21.73		
15	16QAM	36	39	21.75	21.91	21.84		
15	16QAM	75	0	21.82	21.88	21.97		
15	64QAM	1	0	21.91	22.00	21.93	23	1
15	64QAM	1	37	21.82	21.97	21.94		
15	64QAM	1	74	21.92	22.09	21.68		
15	64QAM	36	0	20.93	20.74	20.79	22	2
15	64QAM	36	20	20.88	21.00	20.75		
15	64QAM	36	39	20.96	20.68	20.78		
15	64QAM	75	0	20.85	20.73	20.80		
15	256QAM	1	0	18.88	19.04	19.02	20	4
15	256QAM	1	37	18.98	18.99	19.01		
15	256QAM	1	74	18.89	18.99	18.64		
15	256QAM	36	0	18.91	18.99	18.73	20	4
15	256QAM	36	20	18.88	18.99	18.98		
15	256QAM	36	39	18.76	18.98	18.93		
15	256QAM	75	0	19.00	18.89	18.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.92	22.94	22.81	24	0
10	QPSK	1	25	22.56	22.77	22.66		
10	QPSK	1	49	22.73	22.65	22.74		
10	QPSK	25	0	22.68	22.86	22.78	24	0
10	QPSK	25	12	22.72	22.79	22.68		
10	QPSK	25	25	22.65	22.85	22.66		
10	QPSK	50	0	22.75	22.70	22.67		
10	16QAM	1	0	22.64	22.89	22.66	24	0
10	16QAM	1	25	22.82	22.72	22.85		
10	16QAM	1	49	22.67	22.74	22.73		
10	16QAM	25	0	21.67	22.08	21.89	23	1
10	16QAM	25	12	21.94	21.77	21.69		
10	16QAM	25	25	21.72	21.96	21.80		
10	16QAM	50	0	21.80	21.89	21.97		
10	64QAM	1	0	21.94	21.96	21.91	23	1
10	64QAM	1	25	21.87	21.99	21.85		
10	64QAM	1	49	22.02	22.08	21.75		
10	64QAM	25	0	20.97	20.73	20.75	22	2
10	64QAM	25	12	20.88	20.93	20.78		
10	64QAM	25	25	20.96	20.75	20.83		
10	64QAM	50	0	20.82	20.72	20.86		
10	256QAM	1	0	18.78	19.01	19.04	20	4
10	256QAM	1	25	18.96	19.02	19.02		
10	256QAM	1	49	18.88	18.97	18.64		
10	256QAM	25	0	18.93	19.02	18.71	20	4
10	256QAM	25	12	18.80	19.01	18.96		
10	256QAM	25	25	18.80	19.03	18.94		
10	256QAM	50	0	19.02	18.88	18.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.86	22.85	22.80	24	0
5	QPSK	1	12	22.58	22.82	22.78		
5	QPSK	1	24	22.71	22.70	22.74		
5	QPSK	12	0	22.65	22.85	22.83	24	0
5	QPSK	12	7	22.76	22.73	22.66		
5	QPSK	12	13	22.66	22.77	22.66		
5	QPSK	25	0	22.76	22.73	22.69		
5	16QAM	1	0	22.74	22.86	22.76	24	0
5	16QAM	1	12	22.84	22.78	22.76		
5	16QAM	1	24	22.68	22.80	22.68		
5	16QAM	12	0	21.65	22.00	21.84	23	1
5	16QAM	12	7	21.91	21.77	21.71		
5	16QAM	12	13	21.75	21.98	21.79		
5	16QAM	25	0	21.81	21.83	21.90		
5	64QAM	1	0	21.98	22.08	21.93	23	1
5	64QAM	1	12	21.77	21.93	21.92		
5	64QAM	1	24	21.96	22.11	21.75		
5	64QAM	12	0	20.94	20.69	20.77	22	2
5	64QAM	12	7	20.89	20.97	20.71		
5	64QAM	12	13	20.94	20.71	20.76		
5	64QAM	25	0	20.88	20.74	20.78		
5	256QAM	1	0	18.88	19.05	18.96	20	4
5	256QAM	1	12	18.99	18.95	19.01		
5	256QAM	1	24	18.88	18.96	18.71		
5	256QAM	12	0	18.99	18.99	18.73	20	4
5	256QAM	12	7	18.80	19.01	18.98		
5	256QAM	12	13	18.86	18.96	18.86		
5	256QAM	25	0	19.03	18.91	18.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.83	22.91	22.74	24	0
3	QPSK	1	8	22.59	22.82	22.68		
3	QPSK	1	14	22.68	22.72	22.75		
3	QPSK	8	0	22.69	22.89	22.76	24	0
3	QPSK	8	4	22.72	22.78	22.71		
3	QPSK	8	7	22.70	22.81	22.65		
3	QPSK	15	0	22.67	22.69	22.77		
3	16QAM	1	0	22.66	22.87	22.74	24	0
3	16QAM	1	8	22.80	22.78	22.78		
3	16QAM	1	14	22.71	22.74	22.67		
3	16QAM	8	0	21.71	22.04	21.85	23	1
3	16QAM	8	4	21.96	21.75	21.75		
3	16QAM	8	7	21.72	21.98	21.85		
3	16QAM	15	0	21.90	21.89	21.98		
3	64QAM	1	0	21.93	22.05	21.92	23	1
3	64QAM	1	8	21.75	22.00	21.89		
3	64QAM	1	14	21.94	22.08	21.74		
3	64QAM	8	0	21.03	20.73	20.80	22	2
3	64QAM	8	4	20.85	20.96	20.74		
3	64QAM	8	7	20.88	20.71	20.87		
3	64QAM	15	0	20.84	20.76	20.86		
3	256QAM	1	0	18.81	19.04	18.99	20	4
3	256QAM	1	8	18.91	19.04	18.99		
3	256QAM	1	14	18.91	18.99	18.74		
3	256QAM	8	0	18.98	18.96	18.81	20	4
3	256QAM	8	4	18.89	19.05	18.95		
3	256QAM	8	7	18.75	19.04	18.92		
3	256QAM	15	0	18.96	18.84	18.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.77	22.74	22.64	24	0
1.4	QPSK	1	3	22.73	22.73	22.64		
1.4	QPSK	1	5	22.59	22.81	22.74		
1.4	QPSK	3	0	22.77	22.72	22.75		
1.4	QPSK	3	1	22.68	22.77	22.78		
1.4	QPSK	3	3	22.67	22.69	22.71		
1.4	QPSK	6	0	22.73	22.76	22.70	24	0
1.4	16QAM	1	0	22.61	22.78	22.71	24	0
1.4	16QAM	1	3	22.65	22.74	22.68		
1.4	16QAM	1	5	22.71	22.84	22.77		
1.4	16QAM	3	0	22.66	22.73	22.65		
1.4	16QAM	3	1	22.63	22.74	22.73		
1.4	16QAM	3	3	22.63	22.77	22.63		
1.4	16QAM	6	0	21.75	21.83	21.76	23	1
1.4	64QAM	1	0	21.83	21.86	21.72	23	1
1.4	64QAM	1	3	21.81	21.92	21.86		
1.4	64QAM	1	5	21.77	21.82	21.85		
1.4	64QAM	3	0	21.79	21.91	21.83		
1.4	64QAM	3	1	21.84	21.89	21.81		
1.4	64QAM	3	3	21.90	21.72	21.81		
1.4	64QAM	6	0	20.75	20.90	20.77	22	2
1.4	256QAM	1	0	18.83	18.90	18.79	20	4
1.4	256QAM	1	3	18.65	18.78	18.86		
1.4	256QAM	1	5	18.84	18.92	18.68		
1.4	256QAM	3	0	18.81	18.88	18.85		
1.4	256QAM	3	1	18.67	18.95	18.86		
1.4	256QAM	3	3	18.75	18.75	18.74		
1.4	256QAM	6	0	18.79	18.98	18.89	20	4

Band 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	22.64	22.74	22.63	24	0
20	QPSK	1	49	22.49	22.59	22.50		
20	QPSK	1	99	22.48	22.65	22.62		
20	QPSK	50	0	22.50	22.69	22.57	24	0
20	QPSK	50	24	22.55	22.58	22.52		
20	QPSK	50	50	22.46	22.57	22.67		
20	QPSK	100	0	22.49	22.67	22.57		
20	16QAM	1	0	22.48	22.60	22.56	24	0
20	16QAM	1	49	22.40	22.55	22.58		
20	16QAM	1	99	22.53	22.51	22.62		
20	16QAM	50	0	21.68	21.54	21.70	23	1
20	16QAM	50	24	21.67	21.86	21.63		
20	16QAM	50	50	21.60	21.62	21.82		
20	16QAM	100	0	21.60	21.60	21.51		
20	64QAM	1	0	21.53	21.64	21.71	23	1
20	64QAM	1	49	21.72	21.60	21.63		
20	64QAM	1	99	21.53	21.70	21.67		
20	64QAM	50	0	20.68	20.74	20.52	22	2
20	64QAM	50	24	20.50	20.52	20.68		
20	64QAM	50	50	20.65	20.81	20.66		
20	64QAM	100	0	20.63	20.68	20.67		
20	256QAM	1	0	18.45	18.76	18.57	20	4
20	256QAM	1	49	18.54	18.88	18.51		
20	256QAM	1	99	18.67	18.67	18.61		
20	256QAM	50	0	18.53	18.84	18.67	20	4
20	256QAM	50	24	18.53	18.72	18.78		
20	256QAM	50	50	18.74	18.60	18.74		
20	256QAM	100	0	18.49	18.67	18.82		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.53	22.70	22.52	24	0
15	QPSK	1	37	22.46	22.46	22.45		
15	QPSK	1	74	22.45	22.61	22.56		
15	QPSK	36	0	22.41	22.62	22.45	24	0
15	QPSK	36	20	22.49	22.55	22.38		
15	QPSK	36	39	22.43	22.46	22.57		
15	QPSK	75	0	22.40	22.60	22.51		
15	16QAM	1	0	22.43	22.46	22.52	24	0
15	16QAM	1	37	22.37	22.50	22.45		
15	16QAM	1	74	22.48	22.48	22.54		
15	16QAM	36	0	21.60	21.49	21.63	23	1
15	16QAM	36	20	21.55	21.72	21.59		
15	16QAM	36	39	21.54	21.49	21.74		
15	16QAM	75	0	21.48	21.47	21.42		
15	64QAM	1	0	21.45	21.56	21.64	23	1
15	64QAM	1	37	21.67	21.47	21.51		
15	64QAM	1	74	21.50	21.57	21.64		
15	64QAM	36	0	20.61	20.70	20.47	22	2
15	64QAM	36	20	20.37	20.38	20.66		
15	64QAM	36	39	20.56	20.69	20.54		
15	64QAM	75	0	20.56	20.65	20.59		
15	256QAM	1	0	18.37	18.63	18.49	20	4
15	256QAM	1	37	18.52	18.79	18.39		
15	256QAM	1	74	18.55	18.62	18.50		
15	256QAM	36	0	18.47	18.74	18.58	20	4
15	256QAM	36	20	18.42	18.68	18.73		
15	256QAM	36	39	18.64	18.53	18.63		
15	256QAM	75	0	18.36	18.56	18.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.62	22.61	22.58	24	0
10	QPSK	1	25	22.41	22.57	22.37		
10	QPSK	1	49	22.46	22.60	22.55		
10	QPSK	25	0	22.39	22.64	22.44	24	0
10	QPSK	25	12	22.43	22.49	22.45		
10	QPSK	25	25	22.34	22.45	22.55		
10	QPSK	50	0	22.47	22.55	22.48		
10	16QAM	1	0	22.35	22.56	22.53	24	0
10	16QAM	1	25	22.32	22.44	22.47		
10	16QAM	1	49	22.44	22.40	22.56		
10	16QAM	25	0	21.58	21.51	21.57	23	1
10	16QAM	25	12	21.55	21.73	21.53		
10	16QAM	25	25	21.53	21.54	21.79		
10	16QAM	50	0	21.54	21.54	21.47		
10	64QAM	1	0	21.43	21.54	21.66	23	1
10	64QAM	1	25	21.62	21.52	21.58		
10	64QAM	1	49	21.42	21.68	21.59		
10	64QAM	25	0	20.62	20.62	20.46	22	2
10	64QAM	25	12	20.48	20.47	20.57		
10	64QAM	25	25	20.62	20.75	20.61		
10	64QAM	50	0	20.58	20.61	20.65		
10	256QAM	1	0	18.38	18.63	18.51	20	4
10	256QAM	1	25	18.51	18.84	18.47		
10	256QAM	1	49	18.64	18.54	18.56		
10	256QAM	25	0	18.50	18.81	18.59	20	4
10	256QAM	25	12	18.42	18.69	18.66		
10	256QAM	25	25	18.61	18.53	18.70		
10	256QAM	50	0	18.47	18.59	18.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.52	22.66	22.51	24	0
5	QPSK	1	12	22.44	22.53	22.38		
5	QPSK	1	24	22.46	22.51	22.59		
5	QPSK	12	0	22.37	22.57	22.50	24	0
5	QPSK	12	7	22.50	22.54	22.39		
5	QPSK	12	13	22.35	22.45	22.59		
5	QPSK	25	0	22.37	22.61	22.50		
5	16QAM	1	0	22.44	22.48	22.51	24	0
5	16QAM	1	12	22.32	22.53	22.46		
5	16QAM	1	24	22.45	22.49	22.59		
5	16QAM	12	0	21.56	21.41	21.64	23	1
5	16QAM	12	7	21.57	21.75	21.51		
5	16QAM	12	13	21.57	21.59	21.76		
5	16QAM	25	0	21.51	21.50	21.46		
5	64QAM	1	0	21.50	21.54	21.60	23	1
5	64QAM	1	12	21.68	21.56	21.50		
5	64QAM	1	24	21.42	21.56	21.55		
5	64QAM	12	0	20.64	20.61	20.49	22	2
5	64QAM	12	7	20.37	20.41	20.62		
5	64QAM	12	13	20.52	20.72	20.55		
5	64QAM	25	0	20.59	20.55	20.59		
5	256QAM	1	0	18.38	18.63	18.55	20	4
5	256QAM	1	12	18.43	18.83	18.44		
5	256QAM	1	24	18.56	18.61	18.50		
5	256QAM	12	0	18.49	18.78	18.59	20	4
5	256QAM	12	7	18.48	18.69	18.64		
5	256QAM	12	13	18.66	18.49	18.72		
5	256QAM	25	0	18.43	18.62	18.75		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.54	22.72	22.57	24	0
3	QPSK	1	8	22.46	22.54	22.46		
3	QPSK	1	14	22.41	22.59	22.51		
3	QPSK	8	0	22.45	22.58	22.54	24	0
3	QPSK	8	4	22.43	22.44	22.44		
3	QPSK	8	7	22.37	22.49	22.64		
3	QPSK	15	0	22.42	22.54	22.44		
3	16QAM	1	0	22.38	22.52	22.46	24	0
3	16QAM	1	8	22.37	22.43	22.50		
3	16QAM	1	14	22.50	22.43	22.56		
3	16QAM	8	0	21.56	21.45	21.67	23	1
3	16QAM	8	4	21.65	21.82	21.60		
3	16QAM	8	7	21.51	21.59	21.69		
3	16QAM	15	0	21.55	21.57	21.44		
3	64QAM	1	0	21.44	21.53	21.63	23	1
3	64QAM	1	8	21.69	21.52	21.51		
3	64QAM	1	14	21.45	21.63	21.61		
3	64QAM	8	0	20.66	20.67	20.42	22	2
3	64QAM	8	4	20.46	20.44	20.57		
3	64QAM	8	7	20.61	20.74	20.54		
3	64QAM	15	0	20.51	20.63	20.63		
3	256QAM	1	0	18.40	18.67	18.48	20	4
3	256QAM	1	8	18.51	18.78	18.39		
3	256QAM	1	14	18.56	18.58	18.59		
3	256QAM	8	0	18.39	18.81	18.55	20	4
3	256QAM	8	4	18.41	18.61	18.65		
3	256QAM	8	7	18.68	18.47	18.62		
3	256QAM	15	0	18.40	18.65	18.73		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.52	22.70	22.51	24	0
1.4	QPSK	1	3	22.43	22.50	22.38		
1.4	QPSK	1	5	22.39	22.56	22.55		
1.4	QPSK	3	0	22.38	22.63	22.47		
1.4	QPSK	3	1	22.45	22.50	22.44		
1.4	QPSK	3	3	22.44	22.53	22.56		
1.4	QPSK	6	0	22.45	22.59	22.53	24	0
1.4	16QAM	1	0	22.34	22.47	22.52	24	0
1.4	16QAM	1	3	22.27	22.52	22.50		
1.4	16QAM	1	5	22.42	22.40	22.55		
1.4	16QAM	3	0	22.45	22.60	22.51		
1.4	16QAM	3	1	22.34	22.51	22.50		
1.4	16QAM	3	3	22.34	22.50	22.46		
1.4	16QAM	6	0	21.55	21.48	21.48	23	1
1.4	64QAM	1	0	21.48	21.59	21.65	23	1
1.4	64QAM	1	3	21.62	21.48	21.51		
1.4	64QAM	1	5	21.50	21.64	21.64		
1.4	64QAM	3	0	21.61	21.73	21.57		
1.4	64QAM	3	1	21.47	21.48	21.73		
1.4	64QAM	3	3	21.57	21.54	21.48		
1.4	64QAM	6	0	20.53	20.60	20.60	22	2
1.4	256QAM	1	0	18.41	18.72	18.45	20	4
1.4	256QAM	1	3	18.43	18.78	18.42		
1.4	256QAM	1	5	18.57	18.63	18.50		
1.4	256QAM	3	0	18.49	18.76	18.61		
1.4	256QAM	3	1	18.40	18.69	18.74		
1.4	256QAM	3	3	18.66	18.49	18.63		
1.4	256QAM	6	0	18.38	18.60	18.74	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.65	22.73	22.61	24	0
20	QPSK	1	49	22.58	22.59	22.59		
20	QPSK	1	99	22.63	22.68	22.52		
20	QPSK	50	0	22.58	22.72	22.51	24	0
20	QPSK	50	24	22.62	22.62	22.53		
20	QPSK	50	50	22.61	22.65	22.62		
20	QPSK	100	0	22.48	22.70	22.59		
20	16QAM	1	0	22.67	22.65	22.58	24	0
20	16QAM	1	49	22.62	22.62	22.49		
20	16QAM	1	99	22.63	22.70	22.57		
20	16QAM	50	0	21.76	21.94	21.65	23	1
20	16QAM	50	24	21.78	21.85	21.55		
20	16QAM	50	50	21.61	21.88	21.70		
20	16QAM	100	0	21.68	21.82	21.52		
20	64QAM	1	0	21.62	21.82	21.66	23	1
20	64QAM	1	49	21.56	21.85	21.70		
20	64QAM	1	99	21.65	21.74	21.58		
20	64QAM	50	0	20.57	20.78	20.64	22	2
20	64QAM	50	24	20.51	20.59	20.65		
20	64QAM	50	50	20.77	20.62	20.62		
20	64QAM	100	0	20.81	20.71	20.60		
20	256QAM	1	0	18.77	18.66	18.52	20	4
20	256QAM	1	49	18.67	18.75	18.83		
20	256QAM	1	99	18.71	18.86	18.64		
20	256QAM	50	0	18.77	18.79	18.74	20	4
20	256QAM	50	24	18.68	18.76	18.71		
20	256QAM	50	50	18.61	18.89	18.70		
20	256QAM	100	0	18.80	18.86	18.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.59	22.69	22.58	24	0
15	QPSK	1	37	22.49	22.52	22.46		
15	QPSK	1	74	22.51	22.58	22.47		
15	QPSK	36	0	22.51	22.63	22.49	24	0
15	QPSK	36	20	22.55	22.49	22.40		
15	QPSK	36	39	22.50	22.52	22.52		
15	QPSK	75	0	22.36	22.68	22.49		
15	16QAM	1	0	22.62	22.53	22.50	24	0
15	16QAM	1	37	22.59	22.56	22.37		
15	16QAM	1	74	22.56	22.64	22.53		
15	16QAM	36	0	21.72	21.87	21.55	23	1
15	16QAM	36	20	21.70	21.73	21.43		
15	16QAM	36	39	21.52	21.78	21.57		
15	16QAM	75	0	21.56	21.70	21.46		
15	64QAM	1	0	21.58	21.80	21.63	23	1
15	64QAM	1	37	21.42	21.74	21.59		
15	64QAM	1	74	21.55	21.61	21.52		
15	64QAM	36	0	20.44	20.68	20.55	22	2
15	64QAM	36	20	20.39	20.47	20.57		
15	64QAM	36	39	20.73	20.52	20.60		
15	64QAM	75	0	20.69	20.59	20.55		
15	256QAM	1	0	18.65	18.57	18.38	20	4
15	256QAM	1	37	18.63	18.69	18.75		
15	256QAM	1	74	18.62	18.78	18.62		
15	256QAM	36	0	18.64	18.70	18.62	20	4
15	256QAM	36	20	18.64	18.70	18.67		
15	256QAM	36	39	18.52	18.87	18.58		
15	256QAM	75	0	18.71	18.83	18.60		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.60	22.64	22.52	24	0
10	QPSK	1	25	22.50	22.50	22.55		
10	QPSK	1	49	22.60	22.62	22.38		
10	QPSK	25	0	22.44	22.63	22.44	24	0
10	QPSK	25	12	22.59	22.59	22.49		
10	QPSK	25	25	22.52	22.61	22.57		
10	QPSK	50	0	22.35	22.57	22.53		
10	16QAM	1	0	22.59	22.57	22.55	24	0
10	16QAM	1	25	22.49	22.54	22.40		
10	16QAM	1	49	22.58	22.62	22.53		
10	16QAM	25	0	21.70	21.86	21.55	23	1
10	16QAM	25	12	21.73	21.71	21.51		
10	16QAM	25	25	21.54	21.85	21.56		
10	16QAM	50	0	21.60	21.78	21.49		
10	64QAM	1	0	21.56	21.77	21.54	23	1
10	64QAM	1	25	21.47	21.73	21.59		
10	64QAM	1	49	21.59	21.65	21.52		
10	64QAM	25	0	20.51	20.66	20.59	22	2
10	64QAM	25	12	20.43	20.51	20.56		
10	64QAM	25	25	20.63	20.59	20.51		
10	64QAM	50	0	20.74	20.69	20.54		
10	256QAM	1	0	18.70	18.59	18.41	20	4
10	256QAM	1	25	18.54	18.67	18.75		
10	256QAM	1	49	18.63	18.74	18.59		
10	256QAM	25	0	18.72	18.74	18.62	20	4
10	256QAM	25	12	18.65	18.68	18.61		
10	256QAM	25	25	18.50	18.81	18.60		
10	256QAM	50	0	18.76	18.75	18.60		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.54	22.69	22.57	24	0
5	QPSK	1	12	22.49	22.48	22.49		
5	QPSK	1	24	22.54	22.60	22.47		
5	QPSK	12	0	22.45	22.59	22.41	24	0
5	QPSK	12	7	22.57	22.49	22.50		
5	QPSK	12	13	22.54	22.59	22.54		
5	QPSK	25	0	22.36	22.68	22.51		
5	16QAM	1	0	22.57	22.62	22.48	24	0
5	16QAM	1	12	22.56	22.60	22.40		
5	16QAM	1	24	22.59	22.58	22.53		
5	16QAM	12	0	21.64	21.92	21.54	23	1
5	16QAM	12	7	21.74	21.76	21.47		
5	16QAM	12	13	21.48	21.81	21.62		
5	16QAM	25	0	21.55	21.78	21.45		
5	64QAM	1	0	21.58	21.78	21.52	23	1
5	64QAM	1	12	21.54	21.79	21.60		
5	64QAM	1	24	21.59	21.66	21.55		
5	64QAM	12	0	20.47	20.65	20.51	22	2
5	64QAM	12	7	20.38	20.53	20.61		
5	64QAM	12	13	20.67	20.49	20.60		
5	64QAM	25	0	20.77	20.69	20.53		
5	256QAM	1	0	18.73	18.63	18.44	20	4
5	256QAM	1	12	18.62	18.63	18.73		
5	256QAM	1	24	18.58	18.74	18.54		
5	256QAM	12	0	18.71	18.74	18.71	20	4
5	256QAM	12	7	18.66	18.67	18.61		
5	256QAM	12	13	18.54	18.76	18.59		
5	256QAM	25	0	18.73	18.74	18.57		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.63	22.67	22.47	24	0
3	QPSK	1	8	22.55	22.49	22.47		
3	QPSK	1	14	22.56	22.66	22.45		
3	QPSK	8	0	22.54	22.59	22.40	24	0
3	QPSK	8	4	22.59	22.55	22.48		
3	QPSK	8	7	22.54	22.61	22.50		
3	QPSK	15	0	22.45	22.57	22.47		
3	16QAM	1	0	22.60	22.60	22.46	24	0
3	16QAM	1	8	22.50	22.55	22.47		
3	16QAM	1	14	22.60	22.63	22.50		
3	16QAM	8	0	21.71	21.90	21.51	23	1
3	16QAM	8	4	21.74	21.74	21.41		
3	16QAM	8	7	21.52	21.84	21.62		
3	16QAM	15	0	21.58	21.69	21.39		
3	64QAM	1	0	21.56	21.72	21.52	23	1
3	64QAM	1	8	21.43	21.77	21.60		
3	64QAM	1	14	21.55	21.70	21.49		
3	64QAM	8	0	20.44	20.73	20.57	22	2
3	64QAM	8	4	20.48	20.53	20.56		
3	64QAM	8	7	20.69	20.55	20.48		
3	64QAM	15	0	20.76	20.63	20.50		
3	256QAM	1	0	18.74	18.59	18.45	20	4
3	256QAM	1	8	18.58	18.69	18.70		
3	256QAM	1	14	18.68	18.82	18.50		
3	256QAM	8	0	18.63	18.67	18.60	20	4
3	256QAM	8	4	18.54	18.63	18.64		
3	256QAM	8	7	18.55	18.87	18.62		
3	256QAM	15	0	18.70	18.81	18.68		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.61	22.63	22.57	24	0
1.4	QPSK	1	3	22.50	22.47	22.55		
1.4	QPSK	1	5	22.59	22.59	22.39		
1.4	QPSK	3	0	22.49	22.66	22.47		
1.4	QPSK	3	1	22.55	22.51	22.39		
1.4	QPSK	3	3	22.52	22.52	22.59		
1.4	QPSK	6	0	22.42	22.61	22.50	24	0
1.4	16QAM	1	0	22.61	22.56	22.50	24	0
1.4	16QAM	1	3	22.59	22.52	22.46		
1.4	16QAM	1	5	22.51	22.64	22.51		
1.4	16QAM	3	0	22.36	22.59	22.47		
1.4	16QAM	3	1	22.58	22.61	22.47		
1.4	16QAM	3	3	22.51	22.48	22.35		
1.4	16QAM	6	0	21.62	21.74	21.39	23	1
1.4	64QAM	1	0	21.53	21.79	21.54	23	1
1.4	64QAM	1	3	21.49	21.74	21.56		
1.4	64QAM	1	5	21.54	21.62	21.51		
1.4	64QAM	3	0	21.61	21.79	21.49		
1.4	64QAM	3	1	21.59	21.79	21.59		
1.4	64QAM	3	3	21.48	21.83	21.65		
1.4	64QAM	6	0	20.69	20.67	20.55	22	2
1.4	256QAM	1	0	18.72	18.61	18.41	20	4
1.4	256QAM	1	3	18.61	18.73	18.78		
1.4	256QAM	1	5	18.64	18.79	18.53		
1.4	256QAM	3	0	18.75	18.66	18.70		
1.4	256QAM	3	1	18.57	18.64	18.69		
1.4	256QAM	3	3	18.54	18.84	18.57		
1.4	256QAM	6	0	18.75	18.82	18.59	20	4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.31	23.35	23.22	23.21	24	0
20	QPSK	1	49	23.23	23.34	23.19	23.09		
20	QPSK	1	99	23.14	23.28	23.04	23.13		
20	QPSK	50	0	23.21	23.30	23.15	23.05		
20	QPSK	50	24	23.28	23.21	23.05	23.23		
20	QPSK	50	50	23.13	23.29	23.04	23.24		
20	QPSK	100	0	23.24	23.26	23.14	23.25		
20	16QAM	1	0	23.23	23.26	23.15	23.19	24	0
20	16QAM	1	49	23.20	23.24	23.17	23.18		
20	16QAM	1	99	23.30	23.32	23.00	23.19		
20	16QAM	50	0	22.49	22.26	22.11	22.33	23	1
20	16QAM	50	24	22.38	22.48	22.13	22.43		
20	16QAM	50	50	22.27	22.23	22.25	22.30		
20	16QAM	100	0	22.52	22.26	22.13	22.40		
20	64QAM	1	0	22.42	22.47	22.16	22.34	23	1
20	64QAM	1	49	22.52	22.29	22.21	22.33		
20	64QAM	1	99	22.27	22.50	22.23	22.24		
20	64QAM	50	0	21.34	21.33	21.31	21.29	22	2
20	64QAM	50	24	21.42	21.45	21.29	21.28		
20	64QAM	50	50	21.25	21.47	21.19	21.40		
20	64QAM	100	0	21.24	21.23	21.13	21.20		
20	256QAM	1	0	19.31	19.51	19.19	19.26	20	4
20	256QAM	1	49	19.37	19.52	19.18	19.27		
20	256QAM	1	99	19.27	19.28	19.31	19.41		
20	256QAM	50	0	19.26	19.32	19.26	19.24	20	4
20	256QAM	50	24	19.43	19.53	19.24	19.30		
20	256QAM	50	50	19.28	19.40	19.23	19.25		
20	256QAM	100	0	19.35	19.53	19.31	19.36		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.21	23.21	23.09	23.13	24	0
15	QPSK	1	37	23.16	23.28	23.09	22.98		
15	QPSK	1	74	23.09	23.21	22.96	23.09		
15	QPSK	36	0	23.10	23.23	23.12	23.00	24	0
15	QPSK	36	20	23.22	23.19	22.95	23.16		
15	QPSK	36	39	23.09	23.17	22.94	23.13		
15	QPSK	75	0	23.11	23.18	23.05	23.15		
15	16QAM	1	0	23.20	23.20	23.07	23.06	24	0
15	16QAM	1	37	23.17	23.21	23.07	23.10		
15	16QAM	1	74	23.27	23.18	22.97	23.12		
15	16QAM	36	0	22.41	22.18	22.01	22.25	23	1
15	16QAM	36	20	22.29	22.36	22.04	22.40		
15	16QAM	36	39	22.16	22.13	22.19	22.22		
15	16QAM	75	0	22.48	22.22	22.06	22.33		
15	64QAM	1	0	22.38	22.45	22.13	22.22	23	1
15	64QAM	1	37	22.40	22.16	22.12	22.26		
15	64QAM	1	74	22.17	22.44	22.12	22.13		
15	64QAM	36	0	21.31	21.23	21.22	21.22	22	2
15	64QAM	36	20	21.38	21.38	21.15	21.22		
15	64QAM	36	39	21.22	21.33	21.14	21.33		
15	64QAM	75	0	21.17	21.11	21.08	21.14		
15	256QAM	1	0	19.21	19.44	19.09	19.17	20	4
15	256QAM	1	37	19.27	19.41	19.11	19.15		
15	256QAM	1	74	19.18	19.21	19.18	19.31		
15	256QAM	36	0	19.16	19.21	19.17	19.15	20	4
15	256QAM	36	20	19.38	19.43	19.21	19.24		
15	256QAM	36	39	19.19	19.34	19.17	19.17		
15	256QAM	75	0	19.33	19.47	19.19	19.25		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	23.27	23.31	23.09	23.09	24	0
10	QPSK	1	25	23.17	23.28	23.12	22.99		
10	QPSK	1	49	23.02	23.20	23.01	23.07		
10	QPSK	25	0	23.13	23.26	23.11	22.98	24	0
10	QPSK	25	12	23.17	23.12	22.97	23.10		
10	QPSK	25	25	23.06	23.26	22.92	23.20		
10	QPSK	50	0	23.16	23.13	23.08	23.12		
10	16QAM	1	0	23.12	23.13	23.09	23.10	24	0
10	16QAM	1	25	23.11	23.10	23.10	23.14		
10	16QAM	1	49	23.23	23.22	22.87	23.08		
10	16QAM	25	0	22.46	22.23	22.00	22.27	23	1
10	16QAM	25	12	22.35	22.39	21.99	22.33		
10	16QAM	25	25	22.17	22.17	22.16	22.22		
10	16QAM	50	0	22.48	22.14	22.06	22.32		
10	64QAM	1	0	22.38	22.42	22.10	22.25	23	1
10	64QAM	1	25	22.38	22.26	22.16	22.25		
10	64QAM	1	49	22.19	22.40	22.12	22.20		
10	64QAM	25	0	21.31	21.31	21.17	21.17	22	2
10	64QAM	25	12	21.37	21.38	21.23	21.20		
10	64QAM	25	25	21.21	21.33	21.06	21.35		
10	64QAM	50	0	21.11	21.19	21.03	21.08		
10	256QAM	1	0	19.26	19.42	19.09	19.18	20	4
10	256QAM	1	25	19.31	19.38	19.13	19.21		
10	256QAM	1	49	19.14	19.16	19.21	19.39		
10	256QAM	25	0	19.23	19.29	19.24	19.13	20	4
10	256QAM	25	12	19.39	19.47	19.10	19.27		
10	256QAM	25	25	19.17	19.30	19.10	19.16		
10	256QAM	50	0	19.22	19.51	19.21	19.31		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	23.29	23.33	23.15	23.11	24	0
5	QPSK	1	12	23.11	23.25	23.12	23.01		
5	QPSK	1	24	23.02	23.21	22.95	23.00		
5	QPSK	12	0	23.17	23.20	23.10	23.03	24	0
5	QPSK	12	7	23.15	23.09	22.96	23.15		
5	QPSK	12	13	23.06	23.26	22.93	23.15		
5	QPSK	25	0	23.17	23.16	23.10	23.18		
5	16QAM	1	0	23.16	23.14	23.12	23.16	24	0
5	16QAM	1	12	23.09	23.15	23.09	23.07		
5	16QAM	1	24	23.18	23.25	22.88	23.07		
5	16QAM	12	0	22.47	22.19	22.04	22.21	23	1
5	16QAM	12	7	22.26	22.43	22.04	22.41		
5	16QAM	12	13	22.14	22.17	22.18	22.26		
5	16QAM	25	0	22.40	22.22	22.02	22.29		
5	64QAM	1	0	22.37	22.36	22.10	22.27	23	1
5	64QAM	1	12	22.43	22.19	22.18	22.28		
5	64QAM	1	24	22.16	22.37	22.18	22.21		
5	64QAM	12	0	21.22	21.25	21.18	21.18	22	2
5	64QAM	12	7	21.32	21.36	21.17	21.20		
5	64QAM	12	13	21.19	21.42	21.12	21.28		
5	64QAM	25	0	21.12	21.15	21.11	21.10		
5	256QAM	1	0	19.23	19.47	19.13	19.19	20	4
5	256QAM	1	12	19.25	19.48	19.14	19.20		
5	256QAM	1	24	19.17	19.15	19.24	19.32		
5	256QAM	12	0	19.21	19.20	19.20	19.10	20	4
5	256QAM	12	7	19.31	19.39	19.12	19.25		
5	256QAM	12	13	19.22	19.35	19.20	19.22		
5	256QAM	25	0	19.29	19.49	19.25	19.28		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3680	3609	3641	3690		
20	QPSK	1	0	22.45	22.56	22.43	22.49	23.5	0
20	QPSK	1	49	22.29	22.42	22.41	22.44		
20	QPSK	1	99	22.19	22.38	22.35	22.40		
20	QPSK	50	0	22.41	22.47	22.40	22.40		
20	QPSK	50	24	22.38	22.29	22.30	22.39		
20	QPSK	50	50	22.29	22.30	22.39	22.36		
20	QPSK	100	0	22.27	22.45	22.35	22.42		
20	16QAM	1	0	22.28	22.27	22.47	22.47	23.5	0
20	16QAM	1	49	22.26	22.38	22.32	22.43		
20	16QAM	1	99	22.37	22.36	22.42	22.37		
20	16QAM	50	0	21.49	21.26	21.52	21.41	22.5	1
20	16QAM	50	24	21.36	21.39	21.42	21.38		
20	16QAM	50	50	21.46	21.32	21.43	21.50		
20	16QAM	100	0	21.41	21.48	21.61	21.61		
20	64QAM	1	0	21.35	21.41	21.51	21.60	22.5	1
20	64QAM	1	49	21.47	21.24	21.46	21.54		
20	64QAM	1	99	21.30	21.31	21.50	21.40		
20	64QAM	50	0	20.46	20.43	20.46	20.65	21.5	2
20	64QAM	50	24	20.51	20.34	20.46	20.45		
20	64QAM	50	50	20.50	20.47	20.53	20.61		
20	64QAM	100	0	20.51	20.42	20.54	20.39		
20	256QAM	1	0	18.41	18.39	18.53	18.57	19.5	4
20	256QAM	1	49	18.30	18.37	18.44	18.37		
20	256QAM	1	99	18.60	18.44	18.47	18.48		
20	256QAM	50	0	18.47	18.43	18.56	18.57	19.5	4
20	256QAM	50	24	18.45	18.22	18.63	18.53		
20	256QAM	50	50	18.36	18.49	18.52	18.51		
20	256QAM	100	0	18.51	18.36	18.42	18.44		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3609	3642	3692.5		
15	QPSK	1	0	22.36	22.44	22.29	22.46	23.5	0
15	QPSK	1	37	22.25	22.29	22.28	22.34		
15	QPSK	1	74	22.10	22.27	22.25	22.28		
15	QPSK	36	0	22.36	22.37	22.31	22.33	23.5	0
15	QPSK	36	20	22.25	22.16	22.27	22.31		
15	QPSK	36	39	22.18	22.25	22.33	22.30		
15	QPSK	75	0	22.14	22.33	22.23	22.32		
15	16QAM	1	0	22.22	22.15	22.42	22.36	23.5	0
15	16QAM	1	37	22.16	22.27	22.22	22.32		
15	16QAM	1	74	22.32	22.25	22.34	22.23		
15	16QAM	36	0	21.38	21.21	21.42	21.30	22.5	1
15	16QAM	36	20	21.31	21.35	21.32	21.27		
15	16QAM	36	39	21.38	21.28	21.37	21.45		
15	16QAM	75	0	21.30	21.36	21.47	21.53		
15	64QAM	1	0	21.23	21.28	21.39	21.47	22.5	1
15	64QAM	1	37	21.41	21.21	21.33	21.50		
15	64QAM	1	74	21.25	21.27	21.43	21.34		
15	64QAM	36	0	20.42	20.39	20.42	20.61	21.5	2
15	64QAM	36	20	20.45	20.27	20.42	20.33		
15	64QAM	36	39	20.44	20.40	20.40	20.55		
15	64QAM	75	0	20.38	20.36	20.47	20.34		
15	256QAM	1	0	18.28	18.34	18.50	18.46	19.5	4
15	256QAM	1	37	18.23	18.23	18.36	18.31		
15	256QAM	1	74	18.56	18.34	18.38	18.42		
15	256QAM	36	0	18.43	18.41	18.45	18.51	19.5	4
15	256QAM	36	20	18.34	18.11	18.58	18.44		
15	256QAM	36	39	18.30	18.37	18.38	18.43		
15	256QAM	75	0	18.38	18.31	18.35	18.33		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.33	22.45	22.31	22.42	23.5	0
10	QPSK	1	25	22.22	22.36	22.30	22.37		
10	QPSK	1	49	22.12	22.30	22.25	22.32		
10	QPSK	25	0	22.27	22.43	22.27	22.37	23.5	0
10	QPSK	25	12	22.25	22.21	22.24	22.30		
10	QPSK	25	25	22.24	22.18	22.35	22.31		
10	QPSK	50	0	22.14	22.31	22.23	22.28		
10	16QAM	1	0	22.20	22.13	22.39	22.34	23.5	0
10	16QAM	1	25	22.14	22.31	22.21	22.39		
10	16QAM	1	49	22.31	22.25	22.32	22.24		
10	16QAM	25	0	21.43	21.21	21.49	21.37	22.5	1
10	16QAM	25	12	21.25	21.26	21.36	21.35		
10	16QAM	25	25	21.35	21.25	21.41	21.44		
10	16QAM	50	0	21.34	21.41	21.52	21.58		
10	64QAM	1	0	21.28	21.30	21.48	21.57	22.5	1
10	64QAM	1	25	21.35	21.17	21.41	21.44		
10	64QAM	1	49	21.20	21.23	21.44	21.34		
10	64QAM	25	0	20.33	20.40	20.40	20.60	21.5	2
10	64QAM	25	12	20.43	20.22	20.36	20.37		
10	64QAM	25	25	20.46	20.43	20.41	20.47		
10	64QAM	50	0	20.47	20.36	20.41	20.37		
10	256QAM	1	0	18.34	18.33	18.41	18.46	19.5	4
10	256QAM	1	25	18.23	18.33	18.31	18.31		
10	256QAM	1	49	18.54	18.30	18.37	18.41		
10	256QAM	25	0	18.36	18.39	18.51	18.53	19.5	4
10	256QAM	25	12	18.42	18.18	18.61	18.49		
10	256QAM	25	25	18.33	18.36	18.39	18.46		
10	256QAM	50	0	18.40	18.22	18.36	18.32		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	22.34	22.44	22.39	22.37	23.5	0
5	QPSK	1	12	22.26	22.36	22.34	22.38		
5	QPSK	1	24	22.09	22.29	22.31	22.30		
5	QPSK	12	0	22.31	22.40	22.36	22.36	23.5	0
5	QPSK	12	7	22.36	22.26	22.20	22.36		
5	QPSK	12	13	22.16	22.26	22.30	22.31		
5	QPSK	25	0	22.16	22.42	22.23	22.32		
5	16QAM	1	0	22.23	22.15	22.38	22.34	23.5	0
5	16QAM	1	12	22.21	22.30	22.20	22.38		
5	16QAM	1	24	22.24	22.29	22.29	22.23		
5	16QAM	12	0	21.42	21.20	21.38	21.36	22.5	1
5	16QAM	12	7	21.30	21.26	21.31	21.32		
5	16QAM	12	13	21.33	21.23	21.32	21.43		
5	16QAM	25	0	21.33	21.41	21.49	21.47		
5	64QAM	1	0	21.26	21.28	21.41	21.56	22.5	1
5	64QAM	1	12	21.40	21.19	21.43	21.42		
5	64QAM	1	24	21.17	21.20	21.40	21.27		
5	64QAM	12	0	20.38	20.37	20.35	20.54	21.5	2
5	64QAM	12	7	20.45	20.23	20.37	20.31		
5	64QAM	12	13	20.37	20.38	20.48	20.56		
5	64QAM	25	0	20.45	20.32	20.42	20.28		
5	256QAM	1	0	18.32	18.25	18.50	18.54	19.5	4
5	256QAM	1	12	18.23	18.31	18.35	18.32		
5	256QAM	1	24	18.53	18.36	18.36	18.38		
5	256QAM	12	0	18.37	18.32	18.48	18.52	19.5	4
5	256QAM	12	7	18.39	18.14	18.49	18.43		
5	256QAM	12	13	18.22	18.47	18.46	18.48		
5	256QAM	25	0	18.42	18.33	18.38	18.38		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3660	3609	3641	3690		
20	QPSK	1	0	22.29	22.35	22.01	22.12	23	0
20	QPSK	1	49	22.12	22.28	21.94	22.09		
20	QPSK	1	99	22.24	22.17	21.91	21.93		
20	QPSK	50	0	22.14	22.34	21.93	21.99		
20	QPSK	50	24	22.16	22.27	21.86	22.01		
20	QPSK	50	50	22.15	22.27	22.00	21.96		
20	QPSK	100	0	22.12	22.32	22.04	21.93		
20	16QAM	1	0	22.09	22.24	21.92	22.03	23	0
20	16QAM	1	49	22.16	22.15	22.05	22.07		
20	16QAM	1	99	22.14	22.28	21.84	22.08		
20	16QAM	50	0	21.33	21.36	20.95	21.05	22	1
20	16QAM	50	24	21.39	21.28	21.13	21.06		
20	16QAM	50	50	21.33	21.23	20.96	21.00		
20	16QAM	100	0	21.24	21.39	21.06	21.07		
20	64QAM	1	0	21.19	21.39	21.11	21.13	22	1
20	64QAM	1	49	21.33	21.48	21.09	21.07		
20	64QAM	1	99	21.25	21.42	21.01	21.08		
20	64QAM	50	0	20.32	20.26	19.96	19.97	21	2
20	64QAM	50	24	20.37	20.34	19.89	20.07		
20	64QAM	50	50	20.27	20.32	20.00	20.13		
20	64QAM	100	0	20.33	20.26	19.97	20.14		
20	256QAM	1	0	18.29	18.33	18.01	18.23	19	4
20	256QAM	1	49	18.13	18.19	18.00	18.03		
20	256QAM	1	99	18.32	18.22	18.09	18.20		
20	256QAM	50	0	18.35	18.30	17.93	18.08	19	4
20	256QAM	50	24	18.31	18.25	17.94	18.04		
20	256QAM	50	50	18.19	18.40	17.96	18.19		
20	256QAM	100	0	18.43	18.32	18.17	18.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.5	3608	3642	3692.5		
15	QPSK	1	0	22.23	22.25	21.93	22.00	23	0
15	QPSK	1	37	22.07	22.20	21.84	21.97		
15	QPSK	1	74	22.12	22.10	21.85	21.84		
15	QPSK	36	0	22.09	22.30	21.86	21.92	23	0
15	QPSK	36	20	22.07	22.18	21.81	21.95		
15	QPSK	36	39	22.05	22.23	21.89	21.91		
15	QPSK	75	0	22.05	22.29	22.00	21.81		
15	16QAM	1	0	22.04	22.13	21.81	21.94	23	0
15	16QAM	1	37	22.13	22.12	21.92	21.96		
15	16QAM	1	74	22.05	22.18	21.80	22.00		
15	16QAM	36	0	21.24	21.32	20.83	21.00	22	1
15	16QAM	36	20	21.29	21.19	21.01	20.93		
15	16QAM	36	39	21.30	21.10	20.89	20.91		
15	16QAM	75	0	21.18	21.32	20.93	21.02		
15	64QAM	1	0	21.17	21.31	20.94	21.08	22	1
15	64QAM	1	37	21.28	21.40	20.92	20.97		
15	64QAM	1	74	21.20	21.35	20.95	21.03		
15	64QAM	36	0	20.21	20.23	19.92	19.91	21	2
15	64QAM	36	20	20.24	20.32	19.85	19.95		
15	64QAM	36	39	20.17	20.30	19.89	20.11		
15	64QAM	75	0	20.19	20.19	19.92	20.01		
15	256QAM	1	0	18.20	18.26	17.92	18.16	19	4
15	256QAM	1	37	18.05	18.09	17.94	17.96		
15	256QAM	1	74	18.19	18.18	18.03	18.15		
15	256QAM	36	0	18.21	18.19	17.99	18.05	19	4
15	256QAM	36	20	18.23	18.18	17.98	18.02		
15	256QAM	36	39	18.15	18.37	17.95	18.08		
15	256QAM	75	0	18.40	18.24	18.05	18.00		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3607.5	3642.5	3695		
10	QPSK	1	0	22.18	22.24	21.91	22.08	23	0
10	QPSK	1	25	22.08	22.15	21.90	22.00		
10	QPSK	1	49	22.12	22.06	21.87	21.86		
10	QPSK	25	0	22.11	22.26	21.80	21.95	23	0
10	QPSK	25	12	22.12	22.17	21.82	21.97		
10	QPSK	25	25	22.04	22.14	21.96	21.92		
10	QPSK	50	0	22.00	22.18	22.00	21.91		
10	16QAM	1	0	21.96	22.11	21.84	21.90	23	0
10	16QAM	1	25	22.04	22.12	21.93	22.02		
10	16QAM	1	49	22.05	22.18	21.76	22.02		
10	16QAM	25	0	21.19	21.25	21.02	20.95	22	1
10	16QAM	25	12	21.35	21.21	21.06	21.00		
10	16QAM	25	25	21.21	21.20	20.86	20.87		
10	16QAM	50	0	21.13	21.34	20.99	21.02		
10	64QAM	1	0	21.14	21.32	21.05	21.10	22	1
10	64QAM	1	25	21.24	21.37	21.00	20.97		
10	64QAM	1	49	21.20	21.38	21.11	21.04		
10	64QAM	25	0	20.18	20.23	19.82	19.85	21	2
10	64QAM	25	12	20.28	20.29	19.84	20.01		
10	64QAM	25	25	20.14	20.29	19.96	20.08		
10	64QAM	50	0	20.21	20.13	19.83	20.01		
10	256QAM	1	0	18.24	18.23	17.95	18.13	19	4
10	256QAM	1	25	18.08	18.11	17.87	17.97		
10	256QAM	1	49	18.24	18.13	18.02	18.07		
10	256QAM	25	0	18.23	18.16	17.88	18.05	19	4
10	256QAM	25	12	18.21	18.13	17.89	17.96		
10	256QAM	25	25	18.13	18.37	17.91	18.09		
10	256QAM	50	0	18.40	18.27	18.15	18.08		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3652.5	3607	3645	3697.5		
5	QPSK	1	0	22.22	22.26	21.95	22.03	23	0
5	QPSK	1	12	22.03	22.24	21.90	22.05		
5	QPSK	1	24	22.15	22.13	21.86	21.88		
5	QPSK	12	0	22.12	22.22	21.89	21.91	23	0
5	QPSK	12	7	22.14	22.17	21.75	21.95		
5	QPSK	12	13	22.06	22.19	21.97	21.83		
5	QPSK	25	0	22.04	22.21	21.93	21.84		
5	16QAM	1	0	21.97	22.14	21.82	21.99	23	0
5	16QAM	1	12	22.04	22.10	21.94	22.03		
5	16QAM	1	24	22.10	22.24	21.82	21.97		
5	16QAM	12	0	21.21	21.25	20.81	21.02	22	1
5	16QAM	12	7	21.26	21.24	21.06	21.01		
5	16QAM	12	13	21.29	21.10	20.90	20.93		
5	16QAM	25	0	21.16	21.29	20.95	20.95		
5	64QAM	1	0	21.08	21.31	20.95	21.09	22	1
5	64QAM	1	12	21.27	21.40	20.91	20.94		
5	64QAM	1	24	21.22	21.32	20.92	21.02		
5	64QAM	12	0	20.20	20.23	19.91	19.85	21	2
5	64QAM	12	7	20.25	20.23	19.88	20.00		
5	64QAM	12	13	20.16	20.28	19.90	20.02		
5	64QAM	25	0	20.28	20.16	19.87	20.11		
5	256QAM	1	0	18.16	18.24	17.91	18.14	19	4
5	256QAM	1	12	18.03	18.15	17.94	17.96		
5	256QAM	1	24	18.24	18.18	17.97	18.13		
5	256QAM	12	0	18.32	18.27	17.99	17.95	19	4
5	256QAM	12	7	18.21	18.13	17.91	17.99		
5	256QAM	12	13	18.15	18.29	17.88	18.05		
5	256QAM	25	0	18.33	18.18	18.13	18.05		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.04	23.28	22.94	22.89	24	0
20	QPSK	1	49	22.95	23.16	22.84	22.88		
20	QPSK	1	99	22.86	23.11	22.90	22.79		
20	QPSK	50	0	22.97	23.25	22.89	22.91		
20	QPSK	50	24	22.91	23.20	22.89	22.95		
20	QPSK	50	50	22.96	23.18	22.87	22.83		
20	QPSK	100	0	23.05	23.24	22.90	22.87		
20	16QAM	1	0	23.00	23.22	22.84	22.75		
20	16QAM	1	49	22.88	23.17	22.83	22.79	24	0
20	16QAM	1	99	22.87	23.07	22.93	22.95		
20	16QAM	50	0	21.99	22.23	21.86	21.94		
20	16QAM	50	24	22.13	22.20	21.84	21.97	23	1
20	16QAM	50	50	22.01	22.21	21.86	21.97		
20	16QAM	100	0	22.10	22.14	21.83	21.92		
20	64QAM	1	0	21.90	22.22	22.03	22.02		
20	64QAM	1	49	22.12	22.34	22.04	21.96	23	1
20	64QAM	1	99	21.90	22.24	21.88	21.86		
20	64QAM	50	0	20.98	21.29	20.97	20.89		
20	64QAM	50	24	20.90	21.22	21.00	20.98	22	2
20	64QAM	50	50	20.94	21.16	20.89	20.90		
20	64QAM	100	0	21.09	21.38	21.00	21.02		
20	256QAM	1	0	18.99	19.17	19.07	18.91		
20	256QAM	1	49	18.91	19.36	18.96	18.95	20	4
20	256QAM	1	99	18.89	19.34	18.99	19.05		
20	256QAM	50	0	19.14	19.31	18.92	19.01		
20	256QAM	50	24	19.08	19.38	19.02	18.90	20	4
20	256QAM	50	50	18.97	19.38	18.92	18.92		
20	256QAM	100	0	19.08	19.23	18.97	19.10		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.96	23.21	22.85	22.79	24	0
15	QPSK	1	37	22.87	23.11	22.79	22.78		
15	QPSK	1	74	22.81	23.02	22.85	22.87		
15	QPSK	36	0	22.85	23.14	22.77	22.84		
15	QPSK	36	20	22.81	23.12	22.78	22.84	24	0
15	QPSK	36	39	22.90	23.09	22.80	22.71		
15	QPSK	75	0	22.93	23.20	22.79	22.83		
15	16QAM	1	0	22.95	23.10	22.80	22.64		
15	16QAM	1	37	22.78	23.06	22.74	22.74	24	0
15	16QAM	1	74	22.76	22.99	22.84	22.86		
15	16QAM	36	0	21.89	22.17	21.75	21.89		
15	16QAM	36	20	22.05	22.12	21.73	21.86	23	1
15	16QAM	36	39	21.93	22.15	21.78	21.90		
15	16QAM	75	0	22.00	22.09	21.78	21.85		
15	64QAM	1	0	21.84	22.16	21.94	21.94		
15	64QAM	1	37	22.01	22.30	21.98	21.92	23	1
15	64QAM	1	74	21.95	22.12	21.99	21.95		
15	64QAM	36	0	20.92	21.24	20.90	20.85		
15	64QAM	36	20	20.81	21.14	20.95	20.91	22	2
15	64QAM	36	39	20.88	21.05	20.83	20.80		
15	64QAM	75	0	20.98	21.31	20.91	20.83		
15	256QAM	1	0	18.88	19.07	19.01	18.99		
15	256QAM	1	37	18.80	19.28	18.95	18.89	20	4
15	256QAM	1	74	18.95	19.30	18.92	18.95		
15	256QAM	36	0	19.05	19.24	18.81	18.93		
15	256QAM	36	20	19.03	19.28	18.97	18.81	20	4
15	256QAM	36	39	18.91	19.31	18.81	18.83		
15	256QAM	75	0	18.96	19.19	18.91	19.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.92	23.20	22.85	22.84	24	0
10	QPSK	1	25	22.91	23.07	22.74	22.75		
10	QPSK	1	49	22.76	23.02	22.78	22.73		
10	QPSK	25	0	22.85	23.18	22.82	22.80		
10	QPSK	25	12	22.82	23.15	22.84	22.85	24	0
10	QPSK	25	25	22.89	23.07	22.83	22.76		
10	QPSK	50	0	22.99	23.13	22.82	22.82		
10	16QAM	1	0	22.92	23.12	22.78	22.66		
10	16QAM	1	25	22.78	23.07	22.74	22.69	24	0
10	16QAM	1	49	22.76	22.99	22.88	22.84		
10	16QAM	25	0	21.91	22.12	21.79	21.86		
10	16QAM	25	12	22.07	22.10	21.72	21.85	23	1
10	16QAM	25	25	21.92	22.11	21.77	21.91		
10	16QAM	50	0	22.02	22.06	21.76	21.81		
10	64QAM	1	0	21.79	22.12	21.93	21.92		
10	64QAM	1	25	22.06	22.23	21.92	21.79	23	1
10	64QAM	1	49	21.82	22.17	21.80	21.79		
10	64QAM	25	0	20.87	21.25	20.88	20.80		
10	64QAM	25	12	20.79	21.13	20.95	20.91	22	2
10	64QAM	25	25	20.83	21.05	20.83	20.82		
10	64QAM	50	0	21.04	21.33	20.90	20.95		
10	256QAM	1	0	18.92	19.13	18.95	18.85		
10	256QAM	1	25	18.82	19.28	18.87	18.86	20	4
10	256QAM	1	49	18.83	19.28	18.92	18.94		
10	256QAM	25	0	19.03	19.22	18.86	18.92		
10	256QAM	25	12	18.99	19.27	18.98	18.81	20	4
10	256QAM	25	25	18.85	19.28	18.84	18.88		
10	256QAM	50	0	18.99	19.13	18.90	19.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.97	23.22	22.89	22.84	24	0
5	QPSK	1	12	22.91	23.10	22.89	22.78		
5	QPSK	1	24	22.79	23.06	22.83	22.80		
5	QPSK	12	0	22.89	23.14	22.81	22.84		
5	QPSK	12	7	22.84	23.11	22.80	22.68	24	0
5	QPSK	12	13	22.87	23.07	22.82	22.78		
5	QPSK	25	0	23.00	23.19	22.79	22.82		
5	16QAM	1	0	22.92	23.13	22.78	22.68		
5	16QAM	1	12	22.81	23.10	22.79	22.67	24	0
5	16QAM	1	24	22.77	22.99	22.84	22.83		
5	16QAM	12	0	21.92	22.15	21.82	21.88		
5	16QAM	12	7	22.02	22.10	21.75	21.85	23	1
5	16QAM	12	13	21.94	22.17	21.78	21.88		
5	16QAM	25	0	22.02	22.02	21.76	21.88		
5	64QAM	1	0	21.79	22.12	21.97	21.91		
5	64QAM	1	12	22.02	22.28	21.93	21.89	23	1
5	64QAM	1	24	21.78	22.14	21.79	21.81		
5	64QAM	12	0	20.92	21.22	20.90	20.82		
5	64QAM	12	7	20.79	21.11	20.94	20.87	22	2
5	64QAM	12	13	20.87	21.11	20.83	20.82		
5	64QAM	25	0	20.98	21.28	20.90	20.95		
5	256QAM	1	0	18.90	19.09	18.96	18.86		
5	256QAM	1	12	18.83	19.28	18.88	18.87	20	4
5	256QAM	1	24	18.85	19.27	18.94	18.95		
5	256QAM	12	0	19.08	19.22	18.95	18.89		
5	256QAM	12	7	18.98	19.33	18.93	18.95	20	4
5	256QAM	12	13	18.95	19.28	18.93	18.86		
5	256QAM	25	0	19.01	19.14	18.87	18.98		

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.59	22.81	22.56	24	0
20	QPSK	1	49	22.55	22.68	22.45		
20	QPSK	1	99	22.42	22.68	22.39		
20	QPSK	50	0	22.44	22.79	22.47	24	0
20	QPSK	50	24	22.45	22.72	22.52		
20	QPSK	50	50	22.46	22.77	22.44		
20	QPSK	100	0	22.44	22.74	22.46		
20	16QAM	1	0	22.52	22.75	22.44	24	0
20	16QAM	1	49	22.51	22.78	22.44		
20	16QAM	1	99	22.44	22.68	22.39		
20	16QAM	50	0	21.58	21.77	21.60	23	1
20	16QAM	50	24	21.59	21.75	21.55		
20	16QAM	50	50	21.59	21.78	21.52		
20	16QAM	100	0	21.53	21.73	21.55		
20	64QAM	1	0	21.52	21.88	21.55	23	1
20	64QAM	1	49	21.63	21.81	21.63		
20	64QAM	1	99	21.60	21.74	21.62		
20	64QAM	50	0	20.62	20.86	20.61	22	2
20	64QAM	50	24	20.56	20.88	20.50		
20	64QAM	50	50	20.62	20.76	20.61		
20	64QAM	100	0	20.62	20.75	20.57		
20	256QAM	1	0	18.54	18.78	18.60	20	4
20	256QAM	1	49	18.53	18.83	18.63		
20	256QAM	1	99	18.62	18.89	18.60		
20	256QAM	50	0	18.51	18.75	18.62	20	4
20	256QAM	50	24	18.51	18.79	18.50		
20	256QAM	50	50	18.58	18.79	18.50		
20	256QAM	100	0	18.59	18.85	18.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.54	22.68	22.41	24	0
15	QPSK	1	37	22.50	22.58	22.30		
15	QPSK	1	74	22.26	22.51	22.34		
15	QPSK	36	0	22.31	22.75	22.41	24	0
15	QPSK	36	20	22.28	22.55	22.50		
15	QPSK	36	39	22.32	22.71	22.33		
15	QPSK	75	0	22.26	22.64	22.41		
15	16QAM	1	0	22.35	22.70	22.37	24	0
15	16QAM	1	37	22.41	22.66	22.39		
15	16QAM	1	74	22.32	22.53	22.37		
15	16QAM	36	0	21.44	21.66	21.57	23	1
15	16QAM	36	20	21.41	21.65	21.37		
15	16QAM	36	39	21.49	21.65	21.39		
15	16QAM	75	0	21.43	21.60	21.45		
15	64QAM	1	0	21.42	21.72	21.45	23	1
15	64QAM	1	37	21.59	21.69	21.52		
15	64QAM	1	74	21.46	21.65	21.50		
15	64QAM	36	0	20.46	20.83	20.45	22	2
15	64QAM	36	20	20.51	20.84	20.43		
15	64QAM	36	39	20.55	20.59	20.56		
15	64QAM	75	0	20.55	20.68	20.44		
15	256QAM	1	0	18.49	18.66	18.46	20	4
15	256QAM	1	37	18.39	18.69	18.60		
15	256QAM	1	74	18.54	18.82	18.43		
15	256QAM	36	0	18.45	18.66	18.51	20	4
15	256QAM	36	20	18.45	18.65	18.45		
15	256QAM	36	39	18.43	18.63	18.46		
15	256QAM	75	0	18.50	18.83	18.40		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.54	22.71	22.40	24	0
10	QPSK	1	25	22.51	22.63	22.28		
10	QPSK	1	49	22.29	22.60	22.32		
10	QPSK	25	0	22.41	22.67	22.35	24	0
10	QPSK	25	12	22.42	22.68	22.37		
10	QPSK	25	25	22.35	22.60	22.31		
10	QPSK	50	0	22.41	22.66	22.34		
10	16QAM	1	0	22.46	22.70	22.41	24	0
10	16QAM	1	25	22.47	22.71	22.36		
10	16QAM	1	49	22.26	22.61	22.24		
10	16QAM	25	0	21.47	21.67	21.47	23	1
10	16QAM	25	12	21.52	21.65	21.46		
10	16QAM	25	25	21.44	21.67	21.45		
10	16QAM	50	0	21.45	21.57	21.49		
10	64QAM	1	0	21.48	21.82	21.41	23	1
10	64QAM	1	25	21.56	21.72	21.52		
10	64QAM	1	49	21.49	21.63	21.57		
10	64QAM	25	0	20.50	20.84	20.44	22	2
10	64QAM	25	12	20.40	20.80	20.42		
10	64QAM	25	25	20.50	20.59	20.53		
10	64QAM	50	0	20.46	20.59	20.48		
10	256QAM	1	0	18.45	18.63	18.49	20	4
10	256QAM	1	25	18.50	18.79	18.48		
10	256QAM	1	49	18.57	18.79	18.51		
10	256QAM	25	0	18.44	18.58	18.53	20	4
10	256QAM	25	12	18.34	18.65	18.44		
10	256QAM	25	25	18.55	18.74	18.38		
10	256QAM	50	0	18.43	18.70	18.46		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.52	22.70	22.53	24	0
5	QPSK	1	12	22.40	22.64	22.36		
5	QPSK	1	24	22.25	22.61	22.35		
5	QPSK	12	0	22.41	22.74	22.32	24	0
5	QPSK	12	7	22.35	22.67	22.48		
5	QPSK	12	13	22.42	22.72	22.38		
5	QPSK	25	0	22.37	22.60	22.39		
5	16QAM	1	0	22.43	22.63	22.30	24	0
5	16QAM	1	12	22.35	22.66	22.28		
5	16QAM	1	24	22.35	22.64	22.30		
5	16QAM	12	0	21.45	21.73	21.50	23	1
5	16QAM	12	7	21.51	21.72	21.47		
5	16QAM	12	13	21.54	21.64	21.37		
5	16QAM	25	0	21.39	21.57	21.46		
5	64QAM	1	0	21.40	21.73	21.51	23	1
5	64QAM	1	12	21.53	21.72	21.52		
5	64QAM	1	24	21.52	21.65	21.55		
5	64QAM	12	0	20.48	20.77	20.54	22	2
5	64QAM	12	7	20.49	20.75	20.39		
5	64QAM	12	13	20.57	20.69	20.52		
5	64QAM	25	0	20.45	20.66	20.41		
5	256QAM	1	0	18.45	18.67	18.45	20	4
5	256QAM	1	12	18.43	18.76	18.49		
5	256QAM	1	24	18.49	18.74	18.53		
5	256QAM	12	0	18.48	18.65	18.54	20	4
5	256QAM	12	7	18.34	18.73	18.44		
5	256QAM	12	13	18.45	18.69	18.35		
5	256QAM	25	0	18.53	18.67	18.49		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.43	22.71	22.40	24	0
3	QPSK	1	8	22.44	22.55	22.42		
3	QPSK	1	14	22.35	22.64	22.31		
3	QPSK	8	0	22.31	22.67	22.38	24	0
3	QPSK	8	4	22.27	22.61	22.34		
3	QPSK	8	7	22.42	22.75	22.29		
3	QPSK	15	0	22.33	22.68	22.32		
3	16QAM	1	0	22.36	22.64	22.28	24	0
3	16QAM	1	8	22.35	22.69	22.34		
3	16QAM	1	14	22.39	22.59	22.34		
3	16QAM	8	0	21.52	21.59	21.57	23	1
3	16QAM	8	4	21.44	21.69	21.39		
3	16QAM	8	7	21.56	21.71	21.44		
3	16QAM	15	0	21.45	21.59	21.49		
3	64QAM	1	0	21.48	21.77	21.51	23	1
3	64QAM	1	8	21.46	21.69	21.57		
3	64QAM	1	14	21.46	21.56	21.53		
3	64QAM	8	0	20.47	20.79	20.57	22	2
3	64QAM	8	4	20.50	20.70	20.46		
3	64QAM	8	7	20.48	20.71	20.53		
3	64QAM	15	0	20.57	20.61	20.55		
3	256QAM	1	0	18.48	18.64	18.50	20	4
3	256QAM	1	8	18.36	18.80	18.61		
3	256QAM	1	14	18.47	18.81	18.57		
3	256QAM	8	0	18.47	18.66	18.58	20	4
3	256QAM	8	4	18.45	18.65	18.35		
3	256QAM	8	7	18.45	18.73	18.45		
3	256QAM	15	0	18.48	18.78	18.45		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.49	22.68	22.45	24	0
1.4	QPSK	1	3	22.43	22.69	22.51		
1.4	QPSK	1	5	22.47	22.69	22.49		
1.4	QPSK	3	0	22.45	22.78	22.38		
1.4	QPSK	3	1	22.48	22.64	22.53		
1.4	QPSK	3	3	22.54	22.75	22.46		
1.4	QPSK	6	0	22.49	22.74	22.41	24	0
1.4	16QAM	1	0	22.56	22.74	22.49	24	0
1.4	16QAM	1	3	22.54	22.70	22.48		
1.4	16QAM	1	5	22.45	22.65	22.46		
1.4	16QAM	3	0	22.43	22.69	22.41		
1.4	16QAM	3	1	22.52	22.77	22.40		
1.4	16QAM	3	3	22.44	22.69	22.46		
1.4	16QAM	6	0	21.66	21.94	21.71	23	1
1.4	64QAM	1	0	21.45	21.76	21.67	23	1
1.4	64QAM	1	3	21.66	21.95	21.62		
1.4	64QAM	1	5	21.65	21.89	21.69		
1.4	64QAM	3	0	21.60	21.88	21.44		
1.4	64QAM	3	1	21.52	21.72	21.44		
1.4	64QAM	3	3	21.74	21.75	21.52		
1.4	64QAM	6	0	20.66	20.89	20.57	22	2
1.4	256QAM	1	0	18.57	18.79	18.63	20	4
1.4	256QAM	1	3	18.63	18.96	18.66		
1.4	256QAM	1	5	18.59	18.71	18.56		
1.4	256QAM	3	0	18.50	18.88	18.70		
1.4	256QAM	3	1	18.60	18.77	18.60		
1.4	256QAM	3	3	18.73	18.70	18.59		
1.4	256QAM	6	0	18.44	18.92	18.52	20	4

Band 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	22.97	23.09	23.07	24	0
20	QPSK	1	49	22.91	23.07	22.99		
20	QPSK	1	99	22.91	23.07	22.92		
20	QPSK	50	0	22.82	23.08	22.89	24	0
20	QPSK	50	24	22.94	22.99	23.05		
20	QPSK	50	50	22.82	23.02	22.90		
20	QPSK	100	0	22.94	23.06	23.04		
20	16QAM	1	0	22.80	22.91	23.00	24	0
20	16QAM	1	49	22.86	23.01	22.98		
20	16QAM	1	99	22.86	22.98	23.03		
20	16QAM	50	0	22.11	21.98	21.95	23	1
20	16QAM	50	24	22.04	22.08	22.22		
20	16QAM	50	50	21.96	22.10	21.98		
20	16QAM	100	0	21.88	22.22	21.97		
20	64QAM	1	0	21.82	21.94	22.02	23	1
20	64QAM	1	49	21.84	22.24	22.12		
20	64QAM	1	99	21.95	22.15	21.93		
20	64QAM	50	0	21.11	21.06	20.93	22	2
20	64QAM	50	24	21.11	20.95	21.10		
20	64QAM	50	50	20.99	21.03	20.93		
20	64QAM	100	0	20.95	21.19	21.04		
20	256QAM	1	0	18.93	19.15	19.12	20	4
20	256QAM	1	49	19.10	19.00	19.17		
20	256QAM	1	99	18.92	19.01	18.97		
20	256QAM	50	0	18.89	19.04	18.95	20	4
20	256QAM	50	24	18.97	18.98	19.21		
20	256QAM	50	50	19.03	19.06	19.09		
20	256QAM	100	0	18.98	19.17	19.06		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.86	22.97	22.90	24	0
15	QPSK	1	37	22.74	23.04	22.91		
15	QPSK	1	74	22.84	22.99	22.77		
15	QPSK	36	0	22.72	23.04	22.74	24	0
15	QPSK	36	20	22.84	22.90	22.96		
15	QPSK	36	39	22.79	22.96	22.79		
15	QPSK	75	0	22.91	22.90	22.97		
15	16QAM	1	0	22.74	22.73	22.88	24	0
15	16QAM	1	37	22.73	22.93	22.91		
15	16QAM	1	74	22.72	22.88	22.96		
15	16QAM	36	0	22.02	21.91	21.83	23	1
15	16QAM	36	20	21.99	22.01	22.19		
15	16QAM	36	39	21.84	21.96	21.81		
15	16QAM	75	0	21.70	22.11	21.93		
15	64QAM	1	0	21.71	21.83	21.96	23	1
15	64QAM	1	37	21.81	22.09	21.98		
15	64QAM	1	74	21.77	22.09	21.90		
15	64QAM	36	0	21.01	21.00	20.87	22	2
15	64QAM	36	20	21.04	20.81	21.08		
15	64QAM	36	39	20.83	21.01	20.89		
15	64QAM	75	0	20.92	21.04	20.94		
15	256QAM	1	0	18.80	19.12	18.96	20	4
15	256QAM	1	37	19.01	18.85	19.00		
15	256QAM	1	74	18.76	18.96	18.94		
15	256QAM	36	0	18.83	18.87	18.91	20	4
15	256QAM	36	20	18.87	18.86	19.17		
15	256QAM	36	39	18.98	18.96	18.96		
15	256QAM	75	0	18.84	19.12	18.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.94	22.92	22.99	24	0
10	QPSK	1	25	22.84	22.94	22.83		
10	QPSK	1	49	22.88	23.05	22.85		
10	QPSK	25	0	22.66	22.96	22.76	24	0
10	QPSK	25	12	22.88	22.85	22.99		
10	QPSK	25	25	22.77	22.91	22.80		
10	QPSK	50	0	22.91	22.96	22.90		
10	16QAM	1	0	22.76	22.88	22.95	24	0
10	16QAM	1	25	22.81	22.88	22.96		
10	16QAM	1	49	22.74	22.89	23.01		
10	16QAM	25	0	22.01	21.91	21.82	23	1
10	16QAM	25	12	21.89	21.97	22.16		
10	16QAM	25	25	21.87	21.99	21.87		
10	16QAM	50	0	21.74	22.10	21.80		
10	64QAM	1	0	21.69	21.83	21.86	23	1
10	64QAM	1	25	21.74	22.08	21.98		
10	64QAM	1	49	21.86	22.13	21.86		
10	64QAM	25	0	21.03	20.96	20.88	22	2
10	64QAM	25	12	21.06	20.90	20.95		
10	64QAM	25	25	20.91	21.01	20.86		
10	64QAM	50	0	20.86	21.04	21.01		
10	256QAM	1	0	18.83	19.13	19.04	20	4
10	256QAM	1	25	19.04	18.97	19.02		
10	256QAM	1	49	18.85	18.86	18.82		
10	256QAM	25	0	18.71	18.96	18.91	20	4
10	256QAM	25	12	18.85	18.93	19.04		
10	256QAM	25	25	18.86	19.01	18.98		
10	256QAM	50	0	18.95	19.03	19.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.82	22.94	22.91	24	0
5	QPSK	1	12	22.89	22.96	22.93		
5	QPSK	1	24	22.83	22.93	22.76		
5	QPSK	12	0	22.71	22.93	22.86	24	0
5	QPSK	12	7	22.92	22.92	23.02		
5	QPSK	12	13	22.70	22.84	22.79		
5	QPSK	25	0	22.84	22.94	22.89		
5	16QAM	1	0	22.73	22.82	22.97	24	0
5	16QAM	1	12	22.69	22.97	22.93		
5	16QAM	1	24	22.74	22.91	22.92		
5	16QAM	12	0	21.96	21.93	21.91	23	1
5	16QAM	12	7	21.92	22.00	22.18		
5	16QAM	12	13	21.84	21.98	21.82		
5	16QAM	25	0	21.74	22.20	21.89		
5	64QAM	1	0	21.69	21.84	21.89	23	1
5	64QAM	1	12	21.73	22.16	21.98		
5	64QAM	1	24	21.81	22.00	21.89		
5	64QAM	12	0	20.98	21.01	20.76	22	2
5	64QAM	12	7	21.07	20.78	21.00		
5	64QAM	12	13	20.89	20.92	20.86		
5	64QAM	25	0	20.82	21.17	20.96		
5	256QAM	1	0	18.77	19.01	19.08	20	4
5	256QAM	1	12	19.00	18.97	19.00		
5	256QAM	1	24	18.89	18.89	18.79		
5	256QAM	12	0	18.83	18.92	18.89	20	4
5	256QAM	12	7	18.85	18.93	19.06		
5	256QAM	12	13	19.01	18.93	18.95		
5	256QAM	25	0	18.90	19.09	18.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.94	22.95	22.97	24	0
3	QPSK	1	8	22.77	23.02	22.84		
3	QPSK	1	14	22.87	23.00	22.79		
3	QPSK	8	0	22.76	22.92	22.78	24	0
3	QPSK	8	4	22.79	22.95	22.99		
3	QPSK	8	7	22.69	22.86	22.78		
3	QPSK	15	0	22.83	23.00	23.01		
3	16QAM	1	0	22.77	22.86	22.91	24	0
3	16QAM	1	8	22.79	22.94	22.86		
3	16QAM	1	14	22.72	22.89	22.98		
3	16QAM	8	0	22.05	21.86	21.89	23	1
3	16QAM	8	4	21.86	21.93	22.16		
3	16QAM	8	7	21.79	22.01	21.93		
3	16QAM	15	0	21.70	22.15	21.85		
3	64QAM	1	0	21.80	21.91	21.99	23	1
3	64QAM	1	8	21.80	22.21	22.07		
3	64QAM	1	14	21.79	22.06	21.82		
3	64QAM	8	0	20.96	20.90	20.85	22	2
3	64QAM	8	4	21.06	20.77	21.02		
3	64QAM	8	7	20.93	20.96	20.79		
3	64QAM	15	0	20.82	21.02	20.94		
3	256QAM	1	0	18.81	19.02	19.03	20	4
3	256QAM	1	8	18.95	18.96	19.08		
3	256QAM	1	14	18.84	18.84	18.80		
3	256QAM	8	0	18.82	19.02	18.88	20	4
3	256QAM	8	4	18.84	18.88	19.04		
3	256QAM	8	7	18.87	19.03	18.93		
3	256QAM	15	0	18.89	19.06	18.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.81	23.05	23.03	24	0
1.4	QPSK	1	3	22.80	22.98	22.93		
1.4	QPSK	1	5	22.84	23.01	22.99		
1.4	QPSK	3	0	22.85	22.93	22.95		
1.4	QPSK	3	1	22.90	22.97	22.95		
1.4	QPSK	3	3	22.94	22.96	23.05		
1.4	QPSK	6	0	22.86	22.95	22.89	24	0
1.4	16QAM	1	0	22.84	22.92	22.95	24	0
1.4	16QAM	1	3	22.88	22.97	22.99		
1.4	16QAM	1	5	22.90	22.99	22.96		
1.4	16QAM	3	0	22.93	23.03	22.90		
1.4	16QAM	3	1	22.92	22.92	22.94		
1.4	16QAM	3	3	22.92	22.96	22.93		
1.4	16QAM	6	0	21.99	21.95	22.07	23	1
1.4	64QAM	1	0	21.92	22.10	21.95	23	1
1.4	64QAM	1	3	21.88	22.10	22.17		
1.4	64QAM	1	5	22.09	22.07	22.00		
1.4	64QAM	3	0	22.04	22.20	22.08		
1.4	64QAM	3	1	21.96	22.01	21.92		
1.4	64QAM	3	3	21.92	22.19	22.20		
1.4	64QAM	6	0	20.88	21.18	21.18	22	2
1.4	256QAM	1	0	19.03	18.98	19.04	20	4
1.4	256QAM	1	3	19.07	19.23	18.96		
1.4	256QAM	1	5	19.10	19.20	18.95		
1.4	256QAM	3	0	18.99	19.07	19.08		
1.4	256QAM	3	1	18.83	18.96	19.15		
1.4	256QAM	3	3	18.95	19.19	19.07		
1.4	256QAM	6	0	18.90	19.07	19.18	20	4

Band 66

BW [MHz]	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	22.87	22.92	22.81	24	0
20	QPSK	1	49	22.78	22.88	22.74		
20	QPSK	1	99	22.78	22.79	22.70		
20	QPSK	50	0	22.85	22.89	22.72	24	0
20	QPSK	50	24	22.78	22.79	22.79		
20	QPSK	50	50	22.71	22.88	22.76		
20	QPSK	100	0	22.70	22.78	22.69		
20	16QAM	1	0	22.76	22.87	22.69	24	0
20	16QAM	1	49	22.76	22.75	22.70		
20	16QAM	1	99	22.75	22.82	22.74		
20	16QAM	50	0	21.94	22.05	21.91	23	1
20	16QAM	50	24	21.94	21.77	21.79		
20	16QAM	50	50	21.94	21.82	21.86		
20	16QAM	100	0	21.97	21.97	21.93		
20	64QAM	1	0	21.81	21.91	21.84	23	1
20	64QAM	1	49	21.87	21.90	21.79		
20	64QAM	1	99	21.79	22.04	21.75		
20	64QAM	50	0	20.94	20.90	20.80	22	2
20	64QAM	50	24	20.99	20.96	20.67		
20	64QAM	50	50	20.74	21.04	20.74		
20	64QAM	100	0	20.76	20.85	20.85		
20	256QAM	1	0	18.98	18.91	18.73	20	4
20	256QAM	1	49	18.85	19.02	18.85		
20	256QAM	1	99	18.94	18.89	18.73		
20	256QAM	50	0	19.01	18.81	18.77	20	4
20	256QAM	50	24	18.88	19.01	18.70		
20	256QAM	50	50	18.90	18.84	18.70		
20	256QAM	100	0	18.89	18.87	18.89		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.75	22.83	22.75	24	0
15	QPSK	1	37	22.70	22.79	22.69		
15	QPSK	1	74	22.60	22.68	22.53		
15	QPSK	36	0	22.83	22.83	22.59	24	0
15	QPSK	36	20	22.61	22.63	22.71		
15	QPSK	36	39	22.66	22.84	22.61		
15	QPSK	75	0	22.64	22.61	22.60		
15	16QAM	1	0	22.69	22.78	22.56	24	0
15	16QAM	1	37	22.58	22.63	22.54		
15	16QAM	1	74	22.70	22.78	22.66		
15	16QAM	36	0	21.85	21.88	21.79	23	1
15	16QAM	36	20	21.91	21.72	21.61		
15	16QAM	36	39	21.91	21.72	21.79		
15	16QAM	75	0	21.81	21.88	21.88		
15	64QAM	1	0	21.73	21.88	21.71	23	1
15	64QAM	1	37	21.75	21.73	21.74		
15	64QAM	1	74	21.69	21.89	21.63		
15	64QAM	36	0	20.90	20.86	20.68	22	2
15	64QAM	36	20	20.89	20.84	20.57		
15	64QAM	36	39	20.58	20.89	20.71		
15	64QAM	75	0	20.59	20.69	20.68		
15	256QAM	1	0	18.85	18.84	18.71	20	4
15	256QAM	1	37	18.67	19.00	18.72		
15	256QAM	1	74	18.86	18.76	18.67		
15	256QAM	36	0	18.97	18.78	18.64	20	4
15	256QAM	36	20	18.73	18.94	18.59		
15	256QAM	36	39	18.87	18.67	18.65		
15	256QAM	75	0	18.76	18.84	18.81		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.71	22.78	22.66	24	0
10	QPSK	1	25	22.76	22.75	22.69		
10	QPSK	1	49	22.61	22.63	22.66		
10	QPSK	25	0	22.78	22.81	22.58	24	0
10	QPSK	25	12	22.67	22.69	22.62		
10	QPSK	25	25	22.64	22.71	22.62		
10	QPSK	50	0	22.59	22.62	22.67		
10	16QAM	1	0	22.67	22.70	22.59	24	0
10	16QAM	1	25	22.62	22.60	22.61		
10	16QAM	1	49	22.69	22.66	22.68		
10	16QAM	25	0	21.89	21.98	21.85	23	1
10	16QAM	25	12	21.79	21.64	21.77		
10	16QAM	25	25	21.76	21.66	21.75		
10	16QAM	50	0	21.93	21.81	21.88		
10	64QAM	1	0	21.75	21.87	21.67	23	1
10	64QAM	1	25	21.71	21.75	21.67		
10	64QAM	1	49	21.69	21.87	21.69		
10	64QAM	25	0	20.82	20.74	20.68	22	2
10	64QAM	25	12	20.84	20.79	20.60		
10	64QAM	25	25	20.68	20.90	20.70		
10	64QAM	50	0	20.71	20.72	20.80		
10	256QAM	1	0	18.86	18.77	18.63	20	4
10	256QAM	1	25	18.76	19.00	18.78		
10	256QAM	1	49	18.86	18.82	18.66		
10	256QAM	25	0	18.99	18.72	18.74	20	4
10	256QAM	25	12	18.84	18.87	18.63		
10	256QAM	25	25	18.87	18.81	18.64		
10	256QAM	50	0	18.80	18.77	18.76		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.81	22.88	22.69	24	0
5	QPSK	1	12	22.64	22.86	22.71		
5	QPSK	1	24	22.66	22.65	22.60		
5	QPSK	12	0	22.77	22.71	22.68	24	0
5	QPSK	12	7	22.65	22.64	22.73		
5	QPSK	12	13	22.66	22.81	22.65		
5	QPSK	25	0	22.53	22.72	22.60		
5	16QAM	1	0	22.69	22.78	22.57	24	0
5	16QAM	1	12	22.67	22.68	22.55		
5	16QAM	1	24	22.66	22.70	22.67		
5	16QAM	12	0	21.83	21.87	21.75	23	1
5	16QAM	12	7	21.80	21.69	21.64		
5	16QAM	12	13	21.88	21.77	21.70		
5	16QAM	25	0	21.92	21.85	21.90		
5	64QAM	1	0	21.75	21.74	21.81	23	1
5	64QAM	1	12	21.77	21.85	21.66		
5	64QAM	1	24	21.76	21.96	21.60		
5	64QAM	12	0	20.79	20.76	20.69	22	2
5	64QAM	12	7	20.90	20.94	20.50		
5	64QAM	12	13	20.63	20.90	20.59		
5	64QAM	25	0	20.64	20.80	20.69		
5	256QAM	1	0	18.92	18.77	18.69	20	4
5	256QAM	1	12	18.75	18.95	18.76		
5	256QAM	1	24	18.78	18.82	18.71		
5	256QAM	12	0	18.86	18.78	18.62	20	4
5	256QAM	12	7	18.74	18.94	18.65		
5	256QAM	12	13	18.86	18.76	18.65		
5	256QAM	25	0	18.82	18.80	18.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.71	22.84	22.75	24	0
3	QPSK	1	8	22.65	22.78	22.64		
3	QPSK	1	14	22.60	22.68	22.67		
3	QPSK	8	0	22.72	22.80	22.68	24	0
3	QPSK	8	4	22.75	22.66	22.62		
3	QPSK	8	7	22.67	22.81	22.65		
3	QPSK	15	0	22.52	22.69	22.59		
3	16QAM	1	0	22.70	22.74	22.57	24	0
3	16QAM	1	8	22.60	22.58	22.54		
3	16QAM	1	14	22.63	22.68	22.59		
3	16QAM	8	0	21.90	21.97	21.88	23	1
3	16QAM	8	4	21.89	21.63	21.72		
3	16QAM	8	7	21.78	21.71	21.80		
3	16QAM	15	0	21.94	21.86	21.77		
3	64QAM	1	0	21.70	21.82	21.82	23	1
3	64QAM	1	8	21.72	21.84	21.66		
3	64QAM	1	14	21.70	21.87	21.67		
3	64QAM	8	0	20.79	20.85	20.75	22	2
3	64QAM	8	4	20.96	20.89	20.56		
3	64QAM	8	7	20.67	20.95	20.71		
3	64QAM	15	0	20.63	20.77	20.74		
3	256QAM	1	0	18.95	18.75	18.69	20	4
3	256QAM	1	8	18.82	18.97	18.67		
3	256QAM	1	14	18.77	18.75	18.65		
3	256QAM	8	0	18.86	18.77	18.73	20	4
3	256QAM	8	4	18.84	18.86	18.64		
3	256QAM	8	7	18.77	18.79	18.57		
3	256QAM	15	0	18.85	18.77	18.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.69	22.85	22.68	24	0
1.4	QPSK	1	3	22.84	22.84	22.77		
1.4	QPSK	1	5	22.75	22.83	22.64		
1.4	QPSK	3	0	22.75	22.77	22.64		
1.4	QPSK	3	1	22.71	22.78	22.75		
1.4	QPSK	3	3	22.73	22.85	22.65		
1.4	QPSK	6	0	22.78	22.79	22.78	24	0
1.4	16QAM	1	0	22.71	22.77	22.74	24	0
1.4	16QAM	1	3	22.78	22.86	22.71		
1.4	16QAM	1	5	22.84	22.83	22.74		
1.4	16QAM	3	0	22.73	22.80	22.77		
1.4	16QAM	3	1	22.84	22.75	22.67		
1.4	16QAM	3	3	22.85	22.76	22.71		
1.4	16QAM	6	0	21.78	21.92	21.77	23	1
1.4	64QAM	1	0	21.89	21.77	21.84	23	1
1.4	64QAM	1	3	21.82	21.82	21.84		
1.4	64QAM	1	5	21.82	21.81	21.85		
1.4	64QAM	3	0	21.89	22.05	21.79		
1.4	64QAM	3	1	21.77	21.93	21.85		
1.4	64QAM	3	3	21.90	21.84	21.95		
1.4	64QAM	6	0	20.83	20.82	20.77	22	2
1.4	256QAM	1	0	18.93	18.87	18.83	20	4
1.4	256QAM	1	3	18.77	18.77	18.84		
1.4	256QAM	1	5	18.91	19.05	18.94		
1.4	256QAM	3	0	18.86	18.84	18.71		
1.4	256QAM	3	1	18.89	19.01	18.93		
1.4	256QAM	3	3	19.02	19.02	18.95		
1.4	256QAM	6	0	18.85	19.06	18.87	20	4

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.82	14.86	14.64	15.8	0
20	QPSK	1	49	14.50	14.66	14.71		
20	QPSK	1	99	14.57	14.51	14.52		
20	QPSK	50	0	14.48	14.76	14.70	15.8	0
20	QPSK	50	24	14.74	14.57	14.61		
20	QPSK	50	50	14.50	14.75	14.53		
20	QPSK	100	0	14.61	14.74	14.72		
20	16QAM	1	0	14.52	14.69	14.58	15.8	0
20	16QAM	1	49	14.65	14.52	14.74		
20	16QAM	1	99	14.59	14.69	14.68		
20	16QAM	50	0	14.78	14.81	14.59	15.8	0
20	16QAM	50	24	14.42	14.54	14.66		
20	16QAM	50	50	14.50	14.34	14.35		
20	16QAM	100	0	14.31	14.73	14.54		
20	64QAM	1	0	14.56	14.42	14.49	15.8	0
20	64QAM	1	49	14.38	14.57	14.45		
20	64QAM	1	99	14.56	14.61	14.63		
20	64QAM	50	0	14.46	14.53	14.47	15.8	0
20	64QAM	50	24	14.73	14.75	14.56		
20	64QAM	50	50	14.46	14.54	14.62		
20	64QAM	100	0	14.51	14.37	14.50		
20	256QAM	1	0	14.32	14.69	14.63	15.8	0
20	256QAM	1	49	14.58	14.41	14.51		
20	256QAM	1	99	14.40	14.62	14.47		
20	256QAM	50	0	14.54	14.57	14.58	15.8	0
20	256QAM	50	24	14.44	14.58	14.53		
20	256QAM	50	50	14.48	14.42	14.70		
20	256QAM	100	0	14.41	14.53	14.66		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.78	14.71	14.61	15.8	0
15	QPSK	1	37	14.34	14.58	14.69		
15	QPSK	1	74	14.50	14.37	14.36		
15	QPSK	36	0	14.44	14.66	14.54	15.8	0
15	QPSK	36	20	14.70	14.52	14.43		
15	QPSK	36	39	14.36	14.70	14.35		
15	QPSK	75	0	14.45	14.59	14.63		
15	16QAM	1	0	14.47	14.60	14.53	15.8	0
15	16QAM	1	37	14.52	14.45	14.61		
15	16QAM	1	74	14.47	14.61	14.66		
15	16QAM	36	0	14.75	14.74	14.56	15.8	0
15	16QAM	36	20	14.32	14.40	14.55		
15	16QAM	36	39	14.34	14.30	14.23		
15	16QAM	75	0	14.20	14.58	14.38		
15	64QAM	1	0	14.49	14.28	14.32	15.8	0
15	64QAM	1	37	14.28	14.40	14.37		
15	64QAM	1	74	14.49	14.53	14.57		
15	64QAM	36	0	14.31	14.41	14.35	15.8	0
15	64QAM	36	20	14.61	14.63	14.41		
15	64QAM	36	39	14.41	14.36	14.53		
15	64QAM	75	0	14.47	14.33	14.37		
15	256QAM	1	0	14.16	14.54	14.61	15.8	0
15	256QAM	1	37	14.51	14.23	14.33		
15	256QAM	1	74	14.32	14.44	14.40		
15	256QAM	36	0	14.51	14.52	14.45	15.8	0
15	256QAM	36	20	14.35	14.51	14.47		
15	256QAM	36	39	14.35	14.28	14.67		
15	256QAM	75	0	14.33	14.38	14.59		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.65	14.72	14.61	15.8	0
10	QPSK	1	25	14.41	14.54	14.60		
10	QPSK	1	49	14.41	14.39	14.38		
10	QPSK	25	0	14.44	14.63	14.53	15.8	0
10	QPSK	25	12	14.69	14.46	14.49		
10	QPSK	25	25	14.43	14.72	14.38		
10	QPSK	50	0	14.56	14.65	14.56		
10	16QAM	1	0	14.36	14.62	14.56	15.8	0
10	16QAM	1	25	14.48	14.42	14.58		
10	16QAM	1	49	14.52	14.56	14.61		
10	16QAM	25	0	14.62	14.72	14.43	15.8	0
10	16QAM	25	12	14.25	14.39	14.60		
10	16QAM	25	25	14.32	14.28	14.29		
10	16QAM	50	0	14.19	14.57	14.40		
10	64QAM	1	0	14.44	14.38	14.34	15.8	0
10	64QAM	1	25	14.22	14.52	14.41		
10	64QAM	1	49	14.47	14.50	14.46		
10	64QAM	25	0	14.32	14.42	14.32	15.8	0
10	64QAM	25	12	14.69	14.63	14.47		
10	64QAM	25	25	14.41	14.44	14.60		
10	64QAM	50	0	14.44	14.25	14.41		
10	256QAM	1	0	14.28	14.60	14.48	15.8	0
10	256QAM	1	25	14.51	14.25	14.47		
10	256QAM	1	49	14.31	14.45	14.32		
10	256QAM	25	0	14.44	14.40	14.49	15.8	0
10	256QAM	25	12	14.41	14.51	14.50		
10	256QAM	25	25	14.36	14.30	14.53		
10	256QAM	50	0	14.33	14.45	14.63		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.74	14.76	14.55	15.8	0
5	QPSK	1	12	14.39	14.60	14.64		
5	QPSK	1	24	14.52	14.45	14.34		
5	QPSK	12	0	14.45	14.71	14.60	15.8	0
5	QPSK	12	7	14.69	14.49	14.45		
5	QPSK	12	13	14.34	14.61	14.35		
5	QPSK	25	0	14.47	14.66	14.60		
5	16QAM	1	0	14.41	14.62	14.41	15.8	0
5	16QAM	1	12	14.48	14.42	14.65		
5	16QAM	1	24	14.57	14.52	14.56		
5	16QAM	12	0	14.74	14.67	14.57	15.8	0
5	16QAM	12	7	14.37	14.45	14.54		
5	16QAM	12	13	14.36	14.26	14.19		
5	16QAM	25	0	14.13	14.66	14.37		
5	64QAM	1	0	14.41	14.26	14.47	15.8	0
5	64QAM	1	12	14.29	14.43	14.39		
5	64QAM	1	24	14.51	14.50	14.48		
5	64QAM	12	0	14.32	14.49	14.30	15.8	0
5	64QAM	12	7	14.67	14.61	14.51		
5	64QAM	12	13	14.36	14.45	14.53		
5	64QAM	25	0	14.38	14.20	14.44		
5	256QAM	1	0	14.27	14.62	14.45	15.8	0
5	256QAM	1	12	14.54	14.26	14.45		
5	256QAM	1	24	14.25	14.55	14.35		
5	256QAM	12	0	14.45	14.44	14.52	15.8	0
5	256QAM	12	7	14.28	14.44	14.41		
5	256QAM	12	13	14.31	14.38	14.62		
5	256QAM	25	0	14.28	14.35	14.63		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.69	14.80	14.60	15.8	0
3	QPSK	1	8	14.42	14.57	14.68		
3	QPSK	1	14	14.41	14.39	14.40		
3	QPSK	8	0	14.44	14.69	14.59	15.8	0
3	QPSK	8	4	14.71	14.41	14.54		
3	QPSK	8	7	14.45	14.63	14.46		
3	QPSK	15	0	14.58	14.72	14.62		
3	16QAM	1	0	14.36	14.52	14.40	15.8	0
3	16QAM	1	8	14.57	14.47	14.61		
3	16QAM	1	14	14.54	14.67	14.65		
3	16QAM	8	0	14.62	14.70	14.53	15.8	0
3	16QAM	8	4	14.34	14.42	14.56		
3	16QAM	8	7	14.39	14.22	14.21		
3	16QAM	15	0	14.28	14.57	14.49		
3	64QAM	1	0	14.46	14.30	14.36	15.8	0
3	64QAM	1	8	14.28	14.48	14.27		
3	64QAM	1	14	14.53	14.59	14.60		
3	64QAM	8	0	14.30	14.41	14.43	15.8	0
3	64QAM	8	4	14.58	14.69	14.43		
3	64QAM	8	7	14.36	14.52	14.52		
3	64QAM	15	0	14.39	14.21	14.39		
3	256QAM	1	0	14.20	14.55	14.54	15.8	0
3	256QAM	1	8	14.50	14.26	14.47		
3	256QAM	1	14	14.28	14.45	14.30		
3	256QAM	8	0	14.41	14.51	14.41	15.8	0
3	256QAM	8	4	14.32	14.55	14.41		
3	256QAM	8	7	14.35	14.39	14.56		
3	256QAM	15	0	14.25	14.45	14.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.75	14.82	14.54	15.8	0
1.4	QPSK	1	3	14.35	14.58	14.68		
1.4	QPSK	1	5	14.49	14.38	14.38		
1.4	QPSK	3	0	14.36	14.65	14.61		
1.4	QPSK	3	1	14.64	14.53	14.43		
1.4	QPSK	3	3	14.43	14.67	14.39		
1.4	QPSK	6	0	14.44	14.61	14.55	15.8	0
1.4	16QAM	1	0	14.39	14.62	14.49	15.8	0
1.4	16QAM	1	3	14.50	14.50	14.57		
1.4	16QAM	1	5	14.41	14.51	14.65		
1.4	16QAM	3	0	14.73	14.75	14.53		
1.4	16QAM	3	1	14.27	14.49	14.49		
1.4	16QAM	3	3	14.45	14.25	14.20		
1.4	16QAM	6	0	14.25	14.58	14.40	15.8	0
1.4	64QAM	1	0	14.48	14.32	14.44	15.8	0
1.4	64QAM	1	3	14.24	14.43	14.37		
1.4	64QAM	1	5	14.38	14.47	14.60		
1.4	64QAM	3	0	14.32	14.48	14.40		
1.4	64QAM	3	1	14.63	14.57	14.47		
1.4	64QAM	3	3	14.36	14.48	14.51		
1.4	64QAM	6	0	14.48	14.30	14.38	15.8	0
1.4	256QAM	1	0	14.21	14.55	14.58	15.8	0
1.4	256QAM	1	3	14.42	14.27	14.40		
1.4	256QAM	1	5	14.37	14.48	14.43		
1.4	256QAM	3	0	14.41	14.55	14.46		
1.4	256QAM	3	1	14.29	14.46	14.50		
1.4	256QAM	3	3	14.34	14.28	14.62		
1.4	256QAM	6	0	14.38	14.38	14.58	15.8	0

Band 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	16.32	16.41	16.34	17.9	0
20	QPSK	1	49	16.06	16.27	16.19		
20	QPSK	1	99	16.20	16.31	16.18		
20	QPSK	50	0	16.21	16.38	16.34	17.9	0
20	QPSK	50	24	16.25	16.32	16.20		
20	QPSK	50	50	16.15	16.24	16.34		
20	QPSK	100	0	16.15	16.37	16.17		
20	16QAM	1	0	16.26	16.25	16.20	17.9	0
20	16QAM	1	49	16.32	16.31	16.34		
20	16QAM	1	99	16.06	16.27	16.19		
20	16QAM	50	0	16.20	16.31	16.18	17.9	0
20	16QAM	50	24	16.21	16.38	16.34		
20	16QAM	50	50	16.25	16.32	16.20		
20	16QAM	100	0	16.15	16.24	16.34		
20	64QAM	1	0	16.15	16.37	16.17	17.9	0
20	64QAM	1	49	16.26	16.25	16.20		
20	64QAM	1	99	16.07	16.15	16.31		
20	64QAM	50	0	16.25	16.24	16.30	17.9	0
20	64QAM	50	24	16.32	16.35	16.34		
20	64QAM	50	50	16.06	16.27	16.19		
20	64QAM	100	0	16.20	16.31	16.18		
20	256QAM	1	0	16.21	16.38	16.34	17.9	0
20	256QAM	1	49	16.25	16.32	16.20		
20	256QAM	1	99	16.15	16.24	16.34		
20	256QAM	50	0	16.15	16.37	16.17	17.9	0
20	256QAM	50	24	16.26	16.25	16.20		
20	256QAM	50	50	16.07	16.15	16.31		
20	256QAM	100	0	16.25	16.24	16.30		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.15	16.28	16.19	17.9	0
15	QPSK	1	37	15.92	16.15	16.10		
15	QPSK	1	74	16.16	16.22	16.04		
15	QPSK	36	0	16.15	16.26	16.29	17.9	0
15	QPSK	36	20	16.14	16.20	16.15		
15	QPSK	36	39	15.97	16.10	16.19		
15	QPSK	75	0	15.97	16.21	16.04		
15	16QAM	1	0	16.23	16.15	16.17	17.9	0
15	16QAM	1	37	16.30	16.35	16.29		
15	16QAM	1	74	15.93	16.11	16.02		
15	16QAM	36	0	16.04	16.18	16.07	17.9	0
15	16QAM	36	20	16.04	16.30	16.22		
15	16QAM	36	39	16.10	16.24	16.12		
15	16QAM	75	0	16.03	16.06	16.27		
15	64QAM	1	0	16.00	16.28	16.15	17.9	0
15	64QAM	1	37	16.23	16.21	16.14		
15	64QAM	1	74	16.00	16.09	16.16		
15	64QAM	36	0	16.21	16.15	16.16	17.9	0
15	64QAM	36	20	16.28	16.26	16.30		
15	64QAM	36	39	16.03	16.17	16.16		
15	64QAM	75	0	16.04	16.24	16.01		
15	256QAM	1	0	16.14	16.27	16.31	17.9	0
15	256QAM	1	37	16.21	16.23	16.08		
15	256QAM	1	74	16.00	16.17	16.29		
15	256QAM	36	0	15.97	16.34	16.04	17.9	0
15	256QAM	36	20	16.18	16.22	16.12		
15	256QAM	36	39	15.94	16.08	16.22		
15	256QAM	75	0	16.18	16.19	16.25		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.24	16.35	16.30	17.9	0
10	QPSK	1	25	15.99	16.19	16.17		
10	QPSK	1	49	16.14	16.25	16.05		
10	QPSK	25	0	16.19	16.35	16.17	17.9	0
10	QPSK	25	12	16.08	16.29	16.16		
10	QPSK	25	25	16.09	16.18	16.22		
10	QPSK	50	0	16.01	16.35	16.01		
10	16QAM	1	0	16.18	16.16	16.08	17.9	0
10	16QAM	1	25	16.20	16.36	16.23		
10	16QAM	1	49	15.93	16.14	16.04		
10	16QAM	25	0	16.03	16.18	16.01	17.9	0
10	16QAM	25	12	16.05	16.22	16.30		
10	16QAM	25	25	16.08	16.25	16.13		
10	16QAM	50	0	16.12	16.15	16.17		
10	64QAM	1	0	15.98	16.28	16.03	17.9	0
10	64QAM	1	25	16.15	16.11	16.08		
10	64QAM	1	49	15.97	16.11	16.23		
10	64QAM	25	0	16.07	16.19	16.13	17.9	0
10	64QAM	25	12	16.26	16.29	16.32		
10	64QAM	25	25	15.88	16.25	16.12		
10	64QAM	50	0	16.02	16.27	16.12		
10	256QAM	1	0	16.09	16.33	16.18	17.9	0
10	256QAM	1	25	16.08	16.24	16.02		
10	256QAM	1	49	16.07	16.10	16.31		
10	256QAM	25	0	16.06	16.30	16.15	17.9	0
10	256QAM	25	12	16.14	16.17	16.11		
10	256QAM	25	25	16.04	16.07	16.24		
10	256QAM	50	0	16.18	16.21	16.22		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.18	16.25	16.31	17.9	0
5	QPSK	1	12	15.96	16.20	16.17		
5	QPSK	1	24	16.10	16.15	16.02		
5	QPSK	12	0	16.12	16.22	16.27	17.9	0
5	QPSK	12	7	16.14	16.29	16.13		
5	QPSK	12	13	15.98	16.17	16.22		
5	QPSK	25	0	16.05	16.27	16.11		
5	16QAM	1	0	16.18	16.08	16.11	17.9	0
5	16QAM	1	12	16.28	16.29	16.19		
5	16QAM	1	24	16.01	16.09	16.14		
5	16QAM	12	0	16.12	16.17	16.02	17.9	0
5	16QAM	12	7	16.16	16.28	16.24		
5	16QAM	12	13	16.22	16.27	16.17		
5	16QAM	25	0	16.00	16.18	16.30		
5	64QAM	1	0	16.12	16.23	16.04	17.9	0
5	64QAM	1	12	16.17	16.22	16.14		
5	64QAM	1	24	16.03	16.12	16.20		
5	64QAM	12	0	16.16	16.07	16.12	17.9	0
5	64QAM	12	7	16.24	16.18	16.21		
5	64QAM	12	13	16.02	16.12	16.13		
5	64QAM	25	0	16.08	16.25	16.11		
5	256QAM	1	0	16.10	16.27	16.30	17.9	0
5	256QAM	1	12	16.14	16.29	16.12		
5	256QAM	1	24	16.12	16.10	16.24		
5	256QAM	12	0	16.00	16.34	16.03	17.9	0
5	256QAM	12	7	16.19	16.13	16.08		
5	256QAM	12	13	15.99	15.99	16.26		
5	256QAM	25	0	16.20	16.11	16.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.15	16.37	16.22	17.9	0
3	QPSK	1	8	15.90	16.13	16.14		
3	QPSK	1	14	16.14	16.16	16.01		
3	QPSK	8	0	16.15	16.35	16.17	17.9	0
3	QPSK	8	4	16.20	16.16	16.14		
3	QPSK	8	7	16.04	16.19	16.18		
3	QPSK	15	0	16.13	16.26	16.02		
3	16QAM	1	0	16.12	16.15	16.09	17.9	0
3	16QAM	1	8	16.20	16.34	16.27		
3	16QAM	1	14	15.89	16.16	16.16		
3	16QAM	8	0	16.07	16.16	16.08	17.9	0
3	16QAM	8	4	16.17	16.29	16.21		
3	16QAM	8	7	16.08	16.18	16.17		
3	16QAM	15	0	16.10	16.07	16.17		
3	64QAM	1	0	16.13	16.26	16.13	17.9	0
3	64QAM	1	8	16.23	16.20	16.07		
3	64QAM	1	14	15.93	16.10	16.16		
3	64QAM	8	0	16.19	16.11	16.24	17.9	0
3	64QAM	8	4	16.24	16.28	16.21		
3	64QAM	8	7	15.94	16.11	16.09		
3	64QAM	15	0	16.17	16.18	16.10		
3	256QAM	1	0	16.14	16.34	16.27	17.9	0
3	256QAM	1	8	16.13	16.17	16.15		
3	256QAM	1	14	16.01	16.22	16.22		
3	256QAM	8	0	16.05	16.23	16.13	17.9	0
3	256QAM	8	4	16.13	16.11	16.17		
3	256QAM	8	7	15.93	16.11	16.29		
3	256QAM	15	0	16.14	16.19	16.16		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.24	16.28	16.17	17.9	0
1.4	QPSK	1	3	16.00	16.11	16.15		
1.4	QPSK	1	5	16.07	16.21	16.03		
1.4	QPSK	3	0	16.17	16.36	16.25		
1.4	QPSK	3	1	16.13	16.26	16.12		
1.4	QPSK	3	3	15.99	16.12	16.23		
1.4	QPSK	6	0	16.10	16.22	16.11	17.9	0
1.4	16QAM	1	0	16.16	16.07	16.16	17.9	0
1.4	16QAM	1	3	16.30	16.38	16.18		
1.4	16QAM	1	5	15.92	16.17	16.05		
1.4	16QAM	3	0	16.15	16.28	16.07		
1.4	16QAM	3	1	16.12	16.33	16.24		
1.4	16QAM	3	3	16.08	16.21	16.08		
1.4	16QAM	6	0	15.99	16.13	16.21	17.9	0
1.4	64QAM	1	0	15.99	16.25	16.09	17.9	0
1.4	64QAM	1	3	16.22	16.09	16.11		
1.4	64QAM	1	5	15.91	16.05	16.20		
1.4	64QAM	3	0	16.19	16.16	16.20		
1.4	64QAM	3	1	16.23	16.24	16.25		
1.4	64QAM	3	3	15.98	16.11	16.13		
1.4	64QAM	6	0	16.16	16.26	16.06	17.9	0
1.4	256QAM	1	0	16.13	16.30	16.25	17.9	0
1.4	256QAM	1	3	16.20	16.21	16.14		
1.4	256QAM	1	5	16.04	16.15	16.20		
1.4	256QAM	3	0	16.02	16.33	16.12		
1.4	256QAM	3	1	16.23	16.10	16.12		
1.4	256QAM	3	3	16.00	16.08	16.16		
1.4	256QAM	6	0	16.08	16.07	16.13	17.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.46	16.59	16.51	17.9	0
20	QPSK	1	49	16.53	16.55	16.56		
20	QPSK	1	99	16.52	16.57	16.51		
20	QPSK	50	0	16.52	16.56	16.55	17.9	0
20	QPSK	50	24	16.54	16.46	16.50		
20	QPSK	50	50	16.47	16.51	16.55		
20	QPSK	100	0	16.46	16.51	16.50		
20	16QAM	1	0	16.58	16.45	16.53	17.9	0
20	16QAM	1	49	16.53	16.49	16.52		
20	16QAM	1	99	16.55	16.48	16.49		
20	16QAM	50	0	16.48	16.48	16.57	17.9	0
20	16QAM	50	24	16.51	16.45	16.55		
20	16QAM	50	50	16.49	16.54	16.53		
20	16QAM	100	0	16.55	16.58	16.53		
20	64QAM	1	0	16.46	16.51	16.51	17.9	0
20	64QAM	1	49	16.50	16.46	16.56		
20	64QAM	1	99	16.58	16.49	16.53		
20	64QAM	50	0	16.52	16.54	16.45	17.9	0
20	64QAM	50	24	16.48	16.46	16.51		
20	64QAM	50	50	16.55	16.45	16.57		
20	64QAM	100	0	16.56	16.44	16.51		
20	256QAM	1	0	16.52	16.58	16.54	17.9	0
20	256QAM	1	49	16.54	16.56	16.58		
20	256QAM	1	99	16.50	16.46	16.58		
20	256QAM	50	0	16.54	16.45	16.45	17.9	0
20	256QAM	50	24	16.57	16.52	16.46		
20	256QAM	50	50	16.52	16.54	16.44		
20	256QAM	100	0	16.45	16.50	16.53		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.44	16.57	16.38	17.9	0
15	QPSK	1	37	16.48	16.48	16.41		
15	QPSK	1	74	16.55	16.50	16.38		
15	QPSK	36	0	16.42	16.45	16.38	17.9	0
15	QPSK	36	20	16.40	16.31	16.36		
15	QPSK	36	39	16.44	16.45	16.41		
15	QPSK	75	0	16.44	16.39	16.40		
15	16QAM	1	0	16.47	16.34	16.39	17.9	0
15	16QAM	1	37	16.43	16.43	16.46		
15	16QAM	1	74	16.41	16.44	16.41		
15	16QAM	36	0	16.40	16.34	16.53	17.9	0
15	16QAM	36	20	16.38	16.41	16.46		
15	16QAM	36	39	16.38	16.38	16.40		
15	16QAM	75	0	16.39	16.43	16.49		
15	64QAM	1	0	16.38	16.36	16.46	17.9	0
15	64QAM	1	37	16.42	16.33	16.49		
15	64QAM	1	74	16.55	16.38	16.37		
15	64QAM	36	0	16.43	16.41	16.40	17.9	0
15	64QAM	36	20	16.34	16.32	16.33		
15	64QAM	36	39	16.46	16.30	16.40		
15	64QAM	75	0	16.40	16.36	16.42		
15	256QAM	1	0	16.45	16.52	16.40	17.9	0
15	256QAM	1	37	16.41	16.53	16.55		
15	256QAM	1	74	16.43	16.44	16.47		
15	256QAM	36	0	16.38	16.28	16.38	17.9	0
15	256QAM	36	20	16.51	16.43	16.41		
15	256QAM	36	39	16.47	16.49	16.38		
15	256QAM	75	0	16.37	16.37	16.41		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.36	16.46	16.47	17.9	0
10	QPSK	1	25	16.38	16.41	16.44		
10	QPSK	1	49	16.48	16.46	16.44		
10	QPSK	25	0	16.47	16.40	16.44	17.9	0
10	QPSK	25	12	16.52	16.33	16.35		
10	QPSK	25	25	16.43	16.44	16.40		
10	QPSK	50	0	16.43	16.46	16.41		
10	16QAM	1	0	16.43	16.35	16.49	17.9	0
10	16QAM	1	25	16.36	16.34	16.40		
10	16QAM	1	49	16.50	16.42	16.34		
10	16QAM	25	0	16.41	16.42	16.50	17.9	0
10	16QAM	25	12	16.35	16.36	16.43		
10	16QAM	25	25	16.39	16.50	16.42		
10	16QAM	50	0	16.43	16.55	16.48		
10	64QAM	1	0	16.34	16.36	16.49	17.9	0
10	64QAM	1	25	16.38	16.44	16.53		
10	64QAM	1	49	16.48	16.37	16.49		
10	64QAM	25	0	16.41	16.39	16.42	17.9	0
10	64QAM	25	12	16.31	16.42	16.33		
10	64QAM	25	25	16.42	16.34	16.54		
10	64QAM	50	0	16.46	16.40	16.41		
10	256QAM	1	0	16.47	16.43	16.48	17.9	0
10	256QAM	1	25	16.42	16.41	16.51		
10	256QAM	1	49	16.39	16.34	16.51		
10	256QAM	25	0	16.51	16.41	16.42	17.9	0
10	256QAM	25	12	16.43	16.37	16.43		
10	256QAM	25	25	16.34	16.57	16.40		
10	256QAM	50	0	16.42	16.36	16.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.35	16.50	16.40	17.9	0
5	QPSK	1	12	16.51	16.38	16.44		
5	QPSK	1	24	16.44	16.50	16.42		
5	QPSK	12	0	16.36	16.44	16.38	17.9	0
5	QPSK	12	7	16.37	16.28	16.36		
5	QPSK	12	13	16.39	16.47	16.37		
5	QPSK	25	0	16.30	16.35	16.37		
5	16QAM	1	0	16.53	16.39	16.45	17.9	0
5	16QAM	1	12	16.36	16.38	16.48		
5	16QAM	1	24	16.50	16.40	16.33		
5	16QAM	12	0	16.40	16.31	16.55	17.9	0
5	16QAM	12	7	16.46	16.33	16.38		
5	16QAM	12	13	16.43	16.52	16.38		
5	16QAM	25	0	16.47	16.44	16.49		
5	64QAM	1	0	16.34	16.49	16.45	17.9	0
5	64QAM	1	12	16.47	16.36	16.47		
5	64QAM	1	24	16.48	16.31	16.37		
5	64QAM	12	0	16.34	16.49	16.38	17.9	0
5	64QAM	12	7	16.36	16.31	16.37		
5	64QAM	12	13	16.49	16.30	16.39		
5	64QAM	25	0	16.40	16.32	16.38		
5	256QAM	1	0	16.45	16.48	16.48	17.9	0
5	256QAM	1	12	16.41	16.41	16.52		
5	256QAM	1	24	16.47	16.35	16.49		
5	256QAM	12	0	16.46	16.29	16.33	17.9	0
5	256QAM	12	7	16.46	16.50	16.37		
5	256QAM	12	13	16.47	16.55	16.32		
5	256QAM	25	0	16.41	16.40	16.45		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.31	16.54	16.44	17.9	0
3	QPSK	1	8	16.42	16.40	16.43		
3	QPSK	1	14	16.50	16.45	16.47		
3	QPSK	8	0	16.42	16.46	16.46	17.9	0
3	QPSK	8	4	16.43	16.42	16.40		
3	QPSK	8	7	16.43	16.42	16.48		
3	QPSK	15	0	16.30	16.39	16.46		
3	16QAM	1	0	16.51	16.43	16.36	17.9	0
3	16QAM	1	8	16.49	16.31	16.38		
3	16QAM	1	14	16.45	16.40	16.41		
3	16QAM	8	0	16.32	16.39	16.40	17.9	0
3	16QAM	8	4	16.41	16.36	16.40		
3	16QAM	8	7	16.41	16.38	16.39		
3	16QAM	15	0	16.48	16.56	16.44		
3	64QAM	1	0	16.39	16.37	16.41	17.9	0
3	64QAM	1	8	16.48	16.33	16.45		
3	64QAM	1	14	16.43	16.31	16.49		
3	64QAM	8	0	16.49	16.43	16.36	17.9	0
3	64QAM	8	4	16.37	16.40	16.34		
3	64QAM	8	7	16.51	16.42	16.54		
3	64QAM	15	0	16.46	16.32	16.48		
3	256QAM	1	0	16.50	16.55	16.39	17.9	0
3	256QAM	1	8	16.39	16.46	16.50		
3	256QAM	1	14	16.43	16.39	16.51		
3	256QAM	8	0	16.50	16.33	16.40	17.9	0
3	256QAM	8	4	16.56	16.50	16.39		
3	256QAM	8	7	16.49	16.45	16.37		
3	256QAM	15	0	16.39	16.46	16.38		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.35	16.53	16.35	17.9	0
1.4	QPSK	1	3	16.42	16.48	16.51		
1.4	QPSK	1	5	16.42	16.56	16.48		
1.4	QPSK	3	0	16.39	16.41	16.51		
1.4	QPSK	3	1	16.41	16.37	16.40		
1.4	QPSK	3	3	16.41	16.34	16.45		
1.4	QPSK	6	0	16.36	16.37	16.36	17.9	0
1.4	16QAM	1	0	16.51	16.31	16.50	17.9	0
1.4	16QAM	1	3	16.50	16.37	16.34		
1.4	16QAM	1	5	16.48	16.35	16.35		
1.4	16QAM	3	0	16.31	16.31	16.50		
1.4	16QAM	3	1	16.35	16.38	16.41		
1.4	16QAM	3	3	16.36	16.38	16.48		
1.4	16QAM	6	0	16.49	16.52	16.49	17.9	0
1.4	64QAM	1	0	16.34	16.42	16.37	17.9	0
1.4	64QAM	1	3	16.37	16.32	16.43		
1.4	64QAM	1	5	16.43	16.35	16.43		
1.4	64QAM	3	0	16.41	16.47	16.39		
1.4	64QAM	3	1	16.35	16.32	16.38		
1.4	64QAM	3	3	16.48	16.41	16.54		
1.4	64QAM	6	0	16.39	16.33	16.46	17.9	0
1.4	256QAM	1	0	16.35	16.45	16.48	17.9	0
1.4	256QAM	1	3	16.41	16.49	16.47		
1.4	256QAM	1	5	16.46	16.39	16.42		
1.4	256QAM	3	0	16.47	16.37	16.31		
1.4	256QAM	3	1	16.53	16.41	16.44		
1.4	256QAM	3	3	16.38	16.53	16.27		
1.4	256QAM	6	0	16.37	16.43	16.42	17.9	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.53	22.57	22.41	22.46	24	0
20	QPSK	1	49	22.42	22.51	22.33	22.32		
20	QPSK	1	99	22.38	22.47	22.26	22.36		
20	QPSK	50	0	22.39	22.55	22.36	22.29	24	0
20	QPSK	50	24	22.50	22.43	22.24	22.39		
20	QPSK	50	50	22.35	22.46	22.23	22.42		
20	QPSK	100	0	22.49	22.50	22.30	22.41		
20	16QAM	1	0	22.45	22.50	22.35	22.38	24	0
20	16QAM	1	49	22.35	22.40	22.33	22.37		
20	16QAM	1	99	22.49	22.53	22.26	22.39		
20	16QAM	50	0	21.64	21.45	21.31	21.52	23	1
20	16QAM	50	24	21.59	21.70	21.28	21.60		
20	16QAM	50	50	21.41	21.48	21.50	21.48		
20	16QAM	100	0	21.67	21.49	21.34	21.56		
20	64QAM	1	0	21.61	21.68	21.34	21.54	23	1
20	64QAM	1	49	21.67	21.51	21.38	21.50		
20	64QAM	1	99	21.45	21.71	21.38	21.49		
20	64QAM	50	0	20.51	20.58	20.55	20.48	22	2
20	64QAM	50	24	20.58	20.66	20.50	20.43		
20	64QAM	50	50	20.41	20.64	20.41	20.60		
20	64QAM	100	0	20.41	20.48	20.38	20.40		
20	256QAM	1	0	18.45	18.66	18.44	18.44	20	4
20	256QAM	1	49	18.60	18.71	18.41	18.51		
20	256QAM	1	99	18.51	18.48	18.50	18.60		
20	256QAM	50	0	18.46	18.47	18.44	18.41	20	4
20	256QAM	50	24	18.68	18.68	18.41	18.48		
20	256QAM	50	50	18.44	18.64	18.46	18.45		
20	256QAM	100	0	18.55	18.67	18.56	18.53		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.42	22.47	22.29	22.34	24	0
15	QPSK	1	37	22.35	22.48	22.24	22.27		
15	QPSK	1	74	22.23	22.43	22.09	22.25		
15	QPSK	36	0	22.32	22.42	22.28	22.27	24	0
15	QPSK	36	20	22.46	22.39	22.14	22.33		
15	QPSK	36	39	22.20	22.41	22.11	22.28		
15	QPSK	75	0	22.42	22.36	22.19	22.28		
15	16QAM	1	0	22.33	22.40	22.28	22.27	24	0
15	16QAM	1	37	22.25	22.24	22.24	22.28		
15	16QAM	1	74	22.31	22.41	22.14	22.23		
15	16QAM	36	0	21.50	21.27	21.28	21.44	23	1
15	16QAM	36	20	21.55	21.53	21.21	21.43		
15	16QAM	36	39	21.38	21.32	21.43	21.45		
15	16QAM	75	0	21.54	21.46	21.30	21.39		
15	64QAM	1	0	21.58	21.64	21.32	21.46	23	1
15	64QAM	1	37	21.60	21.37	21.28	21.43		
15	64QAM	1	74	21.31	21.53	21.25	21.32		
15	64QAM	36	0	20.34	20.44	20.43	20.42	22	2
15	64QAM	36	20	20.42	20.62	20.37	20.33		
15	64QAM	36	39	20.26	20.57	20.31	20.46		
15	64QAM	75	0	20.36	20.32	20.33	20.27		
15	256QAM	1	0	18.28	18.63	18.40	18.30	20	4
15	256QAM	1	37	18.54	18.61	18.38	18.41		
15	256QAM	1	74	18.41	18.44	18.34	18.44		
15	256QAM	36	0	18.42	18.37	18.30	18.38	20	4
15	256QAM	36	20	18.59	18.64	18.38	18.45		
15	256QAM	36	39	18.41	18.60	18.33	18.27		
15	256QAM	75	0	18.41	18.51	18.45	18.36		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.40	22.42	22.29	22.38	24	0
10	QPSK	1	25	22.27	22.40	22.15	22.22		
10	QPSK	1	49	22.32	22.29	22.17	22.24		
10	QPSK	25	0	22.30	22.42	22.20	22.26	24	0
10	QPSK	25	12	22.32	22.27	22.16	22.28		
10	QPSK	25	25	22.26	22.29	22.14	22.35		
10	QPSK	50	0	22.43	22.46	22.14	22.38		
10	16QAM	1	0	22.34	22.44	22.30	22.26	24	0
10	16QAM	1	25	22.22	22.29	22.27	22.23		
10	16QAM	1	49	22.42	22.50	22.13	22.26		
10	16QAM	25	0	21.49	21.34	21.19	21.37	23	1
10	16QAM	25	12	21.55	21.58	21.14	21.57		
10	16QAM	25	25	21.29	21.35	21.41	21.38		
10	16QAM	50	0	21.52	21.33	21.28	21.40		
10	64QAM	1	0	21.43	21.63	21.17	21.46	23	1
10	64QAM	1	25	21.61	21.40	21.36	21.36		
10	64QAM	1	49	21.42	21.64	21.22	21.43		
10	64QAM	25	0	20.44	20.48	20.37	20.31	22	2
10	64QAM	25	12	20.51	20.63	20.46	20.36		
10	64QAM	25	25	20.28	20.57	20.24	20.49		
10	64QAM	50	0	20.28	20.43	20.35	20.28		
10	256QAM	1	0	18.37	18.51	18.27	18.32	20	4
10	256QAM	1	25	18.49	18.54	18.34	18.43		
10	256QAM	1	49	18.42	18.32	18.34	18.58		
10	256QAM	25	0	18.40	18.32	18.42	18.39	20	4
10	256QAM	25	12	18.61	18.62	18.30	18.45		
10	256QAM	25	25	18.38	18.60	18.28	18.28		
10	256QAM	50	0	18.50	18.65	18.49	18.46		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.38	22.51	22.27	22.28	24	0
5	QPSK	1	12	22.26	22.46	22.20	22.15		
5	QPSK	1	24	22.36	22.33	22.12	22.32		
5	QPSK	12	0	22.21	22.44	22.27	22.26	24	0
5	QPSK	12	7	22.38	22.40	22.11	22.37		
5	QPSK	12	13	22.19	22.30	22.20	22.39		
5	QPSK	25	0	22.39	22.33	22.28	22.24		
5	16QAM	1	0	22.37	22.33	22.27	22.32	24	0
5	16QAM	1	12	22.30	22.32	22.25	22.27		
5	16QAM	1	24	22.43	22.48	22.13	22.34		
5	16QAM	12	0	21.55	21.37	21.19	21.38	23	1
5	16QAM	12	7	21.57	21.58	21.12	21.55		
5	16QAM	12	13	21.33	21.40	21.40	21.39		
5	16QAM	25	0	21.57	21.38	21.16	21.53		
5	64QAM	1	0	21.57	21.62	21.18	21.37	23	1
5	64QAM	1	12	21.52	21.35	21.35	21.44		
5	64QAM	1	24	21.30	21.66	21.28	21.35		
5	64QAM	12	0	20.43	20.40	20.38	20.42	22	2
5	64QAM	12	7	20.53	20.56	20.34	20.33		
5	64QAM	12	13	20.31	20.60	20.29	20.49		
5	64QAM	25	0	20.38	20.32	20.24	20.31		
5	256QAM	1	0	18.34	18.55	18.29	18.27	20	4
5	256QAM	1	12	18.45	18.65	18.30	18.38		
5	256QAM	1	24	18.34	18.36	18.38	18.48		
5	256QAM	12	0	18.39	18.41	18.32	18.34	20	4
5	256QAM	12	7	18.50	18.64	18.28	18.41		
5	256QAM	12	13	18.32	18.49	18.34	18.35		
5	256QAM	25	0	18.46	18.51	18.46	18.40		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.32	16.40	16.33	16.34	16.5	0
20	QPSK	1	49	16.18	16.30	16.16	16.19		
20	QPSK	1	99	16.26	16.35	16.21	16.24		
20	QPSK	50	0	16.22	16.29	16.13	16.14		
20	QPSK	50	24	16.23	16.36	16.28	16.28	16.5	0
20	QPSK	50	50	16.21	16.31	16.14	16.26		
20	QPSK	100	0	16.23	16.32	16.25	16.27		
20	16QAM	1	0	16.22	16.39	16.26	16.31		
20	16QAM	1	49	16.10	16.28	16.19	16.14	16.5	0
20	16QAM	1	99	16.23	16.32	16.27	16.15		
20	16QAM	50	0	16.22	16.31	16.26	16.21		
20	16QAM	50	24	16.24	16.27	16.17	16.20	16.5	0
20	16QAM	50	50	16.23	16.28	16.23	16.12		
20	16QAM	100	0	16.18	16.35	16.30	16.29		
20	64QAM	1	0	16.13	16.29	16.20	16.19		
20	64QAM	1	49	16.35	16.38	16.30	16.25	16.5	0
20	64QAM	1	99	16.13	16.27	16.10	16.19		
20	64QAM	50	0	16.15	16.33	16.19	16.26		
20	64QAM	50	24	16.23	16.35	16.33	16.34	16.5	0
20	64QAM	50	50	16.37	16.38	16.23	16.29		
20	64QAM	100	0	16.15	16.29	16.14	16.20		
20	256QAM	1	0	16.31	16.33	16.26	16.24		
20	256QAM	1	49	16.35	16.38	16.21	16.32	16.5	0
20	256QAM	1	99	16.27	16.30	16.26	16.18		
20	256QAM	50	0	16.25	16.35	16.33	16.25		
20	256QAM	50	24	16.38	16.35	16.24	16.34	16.5	0
20	256QAM	50	50	16.24	16.34	16.31	16.18		
20	256QAM	100	0	16.29	16.32	16.15	16.26		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.17	16.29	16.27	16.11	16.5	0
15	QPSK	1	37	16.14	16.21	16.00	16.07		
15	QPSK	1	74	16.08	16.31	16.10	16.22		
15	QPSK	36	0	16.19	16.13	15.96	16.02		
15	QPSK	36	20	16.18	16.25	16.18	16.21	16.5	0
15	QPSK	36	39	16.04	16.28	15.97	16.22		
15	QPSK	75	0	16.12	16.24	16.21	16.21		
15	16QAM	1	0	16.18	16.36	16.14	16.24		
15	16QAM	1	37	15.95	16.23	16.07	16.12	16.5	0
15	16QAM	1	74	16.08	16.21	16.24	16.05		
15	16QAM	36	0	16.09	16.23	16.17	16.06		
15	16QAM	36	20	16.09	16.25	16.09	16.10	16.5	0
15	16QAM	36	39	16.13	16.20	16.19	16.04		
15	16QAM	75	0	16.13	16.22	16.25	16.25		
15	64QAM	1	0	16.09	16.18	16.06	16.13		
15	64QAM	1	37	16.28	16.32	16.16	16.18	16.5	0
15	64QAM	1	74	16.02	16.17	15.97	16.10		
15	64QAM	36	0	16.11	16.25	16.07	16.09		
15	64QAM	36	20	16.15	16.34	16.29	16.22	16.5	0
15	64QAM	36	39	16.28	16.38	16.20	16.22		
15	64QAM	75	0	16.01	16.15	16.02	16.03		
15	256QAM	1	0	16.17	16.18	16.14	16.09		
15	256QAM	1	37	16.25	16.28	16.16	16.21	16.5	0
15	256QAM	1	74	16.23	16.16	16.16	16.13		
15	256QAM	36	0	16.16	16.32	16.28	16.11		
15	256QAM	36	20	16.32	16.32	16.09	16.30	16.5	0
15	256QAM	36	39	16.09	16.28	16.22	16.07		
15	256QAM	75	0	16.13	16.24	16.10	16.13		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.24	16.29	16.29	16.21	16.5	0
10	QPSK	1	25	16.04	16.16	16.09	16.17		
10	QPSK	1	49	16.10	16.21	16.07	16.16		
10	QPSK	25	0	16.14	16.20	16.02	16.02		
10	QPSK	25	12	16.08	16.22	16.15	16.25	16.5	0
10	QPSK	25	25	16.10	16.17	16.06	16.10		
10	QPSK	50	0	16.11	16.23	16.14	16.23		
10	16QAM	1	0	16.13	16.34	16.21	16.17		
10	16QAM	1	25	15.98	16.17	16.14	16.08	16.5	0
10	16QAM	1	49	16.15	16.20	16.13	15.98		
10	16QAM	25	0	16.19	16.17	16.11	16.14		
10	16QAM	25	12	16.17	16.25	16.07	16.17	16.5	0
10	16QAM	25	25	16.06	16.20	16.16	15.95		
10	16QAM	50	0	16.13	16.31	16.15	16.24		
10	64QAM	1	0	16.09	16.27	16.04	16.07		
10	64QAM	1	25	16.27	16.28	16.20	16.09	16.5	0
10	64QAM	1	49	16.10	16.11	15.99	16.12		
10	64QAM	25	0	16.01	16.31	16.06	16.19		
10	64QAM	25	12	16.12	16.24	16.17	16.21	16.5	0
10	64QAM	25	25	16.34	16.35	16.15	16.21		
10	64QAM	50	0	16.01	16.20	16.01	16.16		
10	256QAM	1	0	16.24	16.25	16.13	16.08		
10	256QAM	1	25	16.30	16.25	16.04	16.16	16.5	0
10	256QAM	1	49	16.20	16.21	16.11	16.00		
10	256QAM	25	0	16.17	16.26	16.23	16.14		
10	256QAM	25	12	16.25	16.24	16.20	16.30	16.5	0
10	256QAM	25	25	16.13	16.30	16.22	16.13		
10	256QAM	50	0	16.17	16.16	16.02	16.19		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.18	16.29	16.29	16.12	16.5	0
5	QPSK	1	12	16.02	16.14	16.10	16.17		
5	QPSK	1	24	16.19	16.26	16.13	16.09		
5	QPSK	12	0	16.13	16.17	16.09	16.02		
5	QPSK	12	7	16.07	16.20	16.25	16.20	16.5	0
5	QPSK	12	13	16.11	16.13	16.07	16.20		
5	QPSK	25	0	16.08	16.22	16.14	16.25		
5	16QAM	1	0	16.07	16.34	16.19	16.25		
5	16QAM	1	12	15.97	16.12	16.17	15.99	16.5	0
5	16QAM	1	24	16.09	16.26	16.25	16.02		
5	16QAM	12	0	16.09	16.15	16.18	16.08		
5	16QAM	12	7	16.09	16.15	16.07	16.09	16.5	0
5	16QAM	12	13	16.19	16.16	16.17	16.08		
5	16QAM	25	0	16.05	16.23	16.25	16.19		
5	64QAM	1	0	16.09	16.18	16.06	16.12		
5	64QAM	1	12	16.30	16.22	16.13	16.18	16.5	0
5	64QAM	1	24	16.03	16.23	16.02	16.05		
5	64QAM	12	0	16.07	16.28	16.14	16.16		
5	64QAM	12	7	16.14	16.36	16.24	16.29	16.5	0
5	64QAM	12	13	16.28	16.30	16.10	16.15		
5	64QAM	25	0	16.05	16.23	16.03	16.03		
5	256QAM	1	0	16.29	16.24	16.20	16.13		
5	256QAM	1	12	16.27	16.33	16.13	16.15	16.5	0
5	256QAM	1	24	16.17	16.19	16.10	16.05		
5	256QAM	12	0	16.17	16.20	16.28	16.20		
5	256QAM	12	7	16.28	16.26	16.21	16.31	16.5	0
5	256QAM	12	13	16.21	16.19	16.25	16.07		
5	256QAM	25	0	16.18	16.28	16.12	16.17		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.37	15.54	15.36	15.48	16.5	0
20	QPSK	1	49	15.30	15.38	15.33	15.33		
20	QPSK	1	99	15.09	15.27	15.24	15.13		
20	QPSK	50	0	15.20	15.41	15.29	15.23	16.5	0
20	QPSK	50	24	15.31	15.38	15.33	15.27		
20	QPSK	50	50	15.29	15.35	15.21	15.20		
20	QPSK	100	0	15.34	15.36	15.29	15.29		
20	16QAM	1	0	15.23	15.34	15.30	15.18	16.5	0
20	16QAM	1	49	15.38	15.40	15.35	15.37		
20	16QAM	1	99	15.23	15.40	15.30	15.36		
20	16QAM	50	0	15.30	15.20	15.28	15.42	16.5	0
20	16QAM	50	24	15.21	15.26	15.20	15.26		
20	16QAM	50	50	14.96	15.16	15.13	15.08		
20	16QAM	100	0	15.15	15.30	15.15	15.10		
20	64QAM	1	0	15.29	15.28	15.23	15.18	16.5	0
20	64QAM	1	49	15.24	15.22	15.13	15.17		
20	64QAM	1	99	15.31	15.52	15.32	15.38		
20	64QAM	50	0	15.29	15.43	15.23	15.37	16.5	0
20	64QAM	50	24	15.26	15.48	15.22	15.35		
20	64QAM	50	50	15.20	15.32	15.26	15.28		
20	64QAM	100	0	14.96	15.15	15.14	15.04		
20	256QAM	1	0	15.15	15.30	15.25	15.10	16.5	0
20	256QAM	1	49	15.28	15.35	15.28	15.20		
20	256QAM	1	99	15.23	15.25	15.11	15.07		
20	256QAM	50	0	15.32	15.31	15.23	15.18	16.5	0
20	256QAM	50	24	15.20	15.23	15.27	15.08		
20	256QAM	50	50	15.30	15.38	15.23	15.26		
20	256QAM	100	0	15.18	15.32	15.26	15.23		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.26	15.44	15.28	15.34	16.5	0
15	QPSK	1	37	15.14	15.25	15.21	15.24		
15	QPSK	1	74	15.06	15.14	15.21	15.07		
15	QPSK	36	0	15.17	15.39	15.18	15.16	16.5	0
15	QPSK	36	20	15.29	15.36	15.15	15.18		
15	QPSK	36	39	15.19	15.22	15.17	15.11		
15	QPSK	75	0	15.29	15.19	15.27	15.24		
15	16QAM	1	0	15.14	15.21	15.14	15.06	16.5	0
15	16QAM	1	37	15.29	15.31	15.30	15.31		
15	16QAM	1	74	15.17	15.24	15.14	15.24		
15	16QAM	36	0	15.28	15.49	15.32	15.41	16.5	0
15	16QAM	36	20	15.25	15.29	15.29	15.29		
15	16QAM	36	39	15.01	15.20	15.13	15.09		
15	16QAM	75	0	15.18	15.31	15.16	15.16		
15	64QAM	1	0	15.18	15.34	15.19	15.23	16.5	0
15	64QAM	1	37	15.16	15.29	15.11	15.07		
15	64QAM	1	74	15.22	15.29	15.18	15.22		
15	64QAM	36	0	15.25	15.49	15.24	15.35	16.5	0
15	64QAM	36	20	15.33	15.45	15.33	15.35		
15	64QAM	36	39	15.16	15.35	15.27	15.28		
15	64QAM	75	0	14.96	15.19	15.15	15.01		
15	256QAM	1	0	15.14	15.30	15.17	15.14	16.5	0
15	256QAM	1	37	15.28	15.30	15.20	15.15		
15	256QAM	1	74	15.25	15.31	15.11	15.11		
15	256QAM	36	0	15.28	15.32	15.27	15.22	16.5	0
15	256QAM	36	20	15.16	15.27	15.24	15.14		
15	256QAM	36	39	15.31	15.29	15.31	15.35		
15	256QAM	75	0	15.12	15.29	15.20	15.30		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.30	15.20	15.25	15.37	16.5	0
10	QPSK	1	25	15.17	15.32	15.27	15.19		
10	QPSK	1	49	14.98	15.17	15.20	15.03		
10	QPSK	25	0	15.12	15.34	15.21	15.17	16.5	0
10	QPSK	25	12	15.20	15.28	15.31	15.16		
10	QPSK	25	25	15.15	15.27	15.14	15.14		
10	QPSK	50	0	15.25	15.32	15.25	15.20	16.5	0
10	16QAM	1	0	15.19	15.27	15.24	15.08		
10	16QAM	1	25	15.30	15.35	15.24	15.30		
10	16QAM	1	49	15.14	15.30	15.17	15.34		
10	16QAM	25	0	15.28	15.41	15.28	15.45	16.5	0
10	16QAM	25	12	15.21	15.29	15.29	15.24		
10	16QAM	25	25	14.99	15.22	15.18	15.04		
10	16QAM	50	0	15.16	15.30	15.19	15.19		
10	64QAM	1	0	15.26	15.36	15.24	15.24	16.5	0
10	64QAM	1	25	15.26	15.25	15.14	15.08		
10	64QAM	1	49	15.30	15.22	15.17	15.19		
10	64QAM	25	0	15.10	15.31	15.16	15.12	16.5	0
10	64QAM	25	12	15.33	15.45	15.25	15.35		
10	64QAM	25	25	15.17	15.26	15.24	15.26		
10	64QAM	50	0	15.02	15.24	15.20	15.06		
10	256QAM	1	0	15.15	15.31	15.23	15.10	16.5	0
10	256QAM	1	25	15.19	15.27	15.31	15.16		
10	256QAM	1	49	15.24	15.32	15.10	15.14		
10	256QAM	25	0	15.24	15.32	15.21	15.22	16.5	0
10	256QAM	25	12	15.17	15.22	15.26	15.05		
10	256QAM	25	25	15.24	15.37	15.28	15.33		
10	256QAM	50	0	15.15	15.31	15.20	15.25		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.31	15.52	15.20	15.37	16.5	0
5	QPSK	1	12	15.23	15.35	15.17	15.26		
5	QPSK	1	24	15.04	15.22	15.13	15.04		
5	QPSK	12	0	15.14	15.24	15.22	15.16	16.5	0
5	QPSK	12	7	15.27	15.35	15.23	15.15		
5	QPSK	12	13	15.27	15.18	15.13	15.03		
5	QPSK	25	0	15.30	15.28	15.16	15.13	16.5	0
5	16QAM	1	0	15.10	15.19	15.23	15.09		
5	16QAM	1	12	15.22	15.23	15.22	15.28		
5	16QAM	1	24	15.12	15.24	15.14	15.25		
5	16QAM	12	0	15.28	15.20	15.28	15.41	16.5	0
5	16QAM	12	7	15.22	15.33	15.26	15.21		
5	16QAM	12	13	14.97	15.23	15.16	15.05		
5	16QAM	25	0	15.15	15.33	15.25	15.18	16.5	0
5	64QAM	1	0	15.18	15.34	15.22	15.13		
5	64QAM	1	12	15.17	15.22	15.10	15.17		
5	64QAM	1	24	15.26	15.33	15.21	15.25		
5	64QAM	12	0	15.10	15.25	15.18	15.07	16.5	0
5	64QAM	12	7	15.24	15.50	15.26	15.35		
5	64QAM	12	13	15.18	15.32	15.28	15.30		
5	64QAM	25	0	14.99	15.24	15.15	15.01		
5	256QAM	1	0	15.14	15.39	15.25	15.17	16.5	0
5	256QAM	1	12	15.20	15.30	15.24	15.14		
5	256QAM	1	24	15.26	15.23	15.19	15.09		
5	256QAM	12	0	15.25	15.29	15.24	15.20	16.5	0
5	256QAM	12	7	15.17	15.31	15.26	15.04		
5	256QAM	12	13	15.27	15.35	15.22	15.24		
5	256QAM	25	0	15.13	15.30	15.19	15.28		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.04	23.28	22.94	22.89	24	0
20	QPSK	1	49	22.95	23.16	22.84	22.88		
20	QPSK	1	99	22.86	23.11	22.90	22.79		
20	QPSK	50	0	22.97	23.25	22.89	22.91	24	0
20	QPSK	50	24	22.91	23.20	22.89	22.95		
20	QPSK	50	50	22.96	23.18	22.87	22.83		
20	QPSK	100	0	23.05	23.24	22.90	22.87		
20	16QAM	1	0	23.00	23.22	22.84	22.75	24	0
20	16QAM	1	49	22.88	23.17	22.83	22.79		
20	16QAM	1	99	22.87	23.07	22.93	22.95		
20	16QAM	50	0	21.99	22.23	21.86	21.94	23	1
20	16QAM	50	24	22.13	22.20	21.84	21.97		
20	16QAM	50	50	22.01	22.21	21.86	21.97		
20	16QAM	100	0	22.10	22.14	21.83	21.92		
20	64QAM	1	0	21.90	22.22	22.03	22.02	23	1
20	64QAM	1	49	22.12	22.34	22.04	21.96		
20	64QAM	1	99	21.90	22.24	21.88	21.86		
20	64QAM	50	0	20.98	21.29	20.97	20.89	22	2
20	64QAM	50	24	20.90	21.22	21.00	20.98		
20	64QAM	50	50	20.94	21.16	20.89	20.90		
20	64QAM	100	0	21.09	21.38	21.00	21.02		
20	256QAM	1	0	18.99	19.17	19.07	18.91	20	4
20	256QAM	1	49	18.91	19.36	18.96	18.95		
20	256QAM	1	99	18.89	19.34	18.99	19.05		
20	256QAM	50	0	19.14	19.31	18.92	19.01	20	4
20	256QAM	50	24	19.08	19.38	19.02	18.90		
20	256QAM	50	50	18.97	19.38	18.92	18.92		
20	256QAM	100	0	19.08	19.23	18.97	19.10		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.96	23.21	22.85	22.79	24	0
15	QPSK	1	37	22.87	23.11	22.79	22.78		
15	QPSK	1	74	22.81	23.02	22.85	22.87		
15	QPSK	36	0	22.85	23.14	22.77	22.84	24	0
15	QPSK	36	20	22.81	23.12	22.78	22.84		
15	QPSK	36	39	22.90	23.09	22.80	22.71		
15	QPSK	75	0	22.93	23.20	22.79	22.83		
15	16QAM	1	0	22.95	23.10	22.80	22.64	24	0
15	16QAM	1	37	22.78	23.06	22.74	22.74		
15	16QAM	1	74	22.76	22.99	22.84	22.86		
15	16QAM	36	0	21.89	22.17	21.75	21.89	23	1
15	16QAM	36	20	22.05	22.12	21.73	21.86		
15	16QAM	36	39	21.93	22.15	21.78	21.90		
15	16QAM	75	0	22.00	22.09	21.78	21.85		
15	64QAM	1	0	21.84	22.16	21.94	21.94	23	1
15	64QAM	1	37	22.01	22.30	21.98	21.92		
15	64QAM	1	74	21.95	22.12	21.99	21.95		
15	64QAM	36	0	20.92	21.24	20.90	20.85	22	2
15	64QAM	36	20	20.81	21.14	20.95	20.91		
15	64QAM	36	39	20.88	21.05	20.83	20.80		
15	64QAM	75	0	20.98	21.31	20.91	20.83		
15	256QAM	1	0	18.88	19.07	19.01	18.99	20	4
15	256QAM	1	37	18.80	19.28	18.95	18.89		
15	256QAM	1	74	18.95	19.30	18.92	18.95		
15	256QAM	36	0	19.05	19.24	18.81	18.93	20	4
15	256QAM	36	20	19.03	19.28	18.97	18.81		
15	256QAM	36	39	18.91	19.31	18.81	18.83		
15	256QAM	75	0	18.96	19.19	18.91	19.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.92	23.20	22.85	22.84	24	0
10	QPSK	1	25	22.91	23.07	22.74	22.75		
10	QPSK	1	49	22.76	23.02	22.78	22.73		
10	QPSK	25	0	22.85	23.18	22.82	22.80	24	0
10	QPSK	25	12	22.82	23.15	22.84	22.85		
10	QPSK	25	25	22.89	23.07	22.83	22.76		
10	QPSK	50	0	22.99	23.13	22.82	22.82		
10	16QAM	1	0	22.92	23.12	22.78	22.66	24	0
10	16QAM	1	25	22.78	23.07	22.74	22.69		
10	16QAM	1	49	22.76	22.99	22.88	22.84		
10	16QAM	25	0	21.91	22.12	21.79	21.86	23	1
10	16QAM	25	12	22.07	22.10	21.72	21.85		
10	16QAM	25	25	21.92	22.11	21.77	21.91		
10	16QAM	50	0	22.02	22.06	21.76	21.81		
10	64QAM	1	0	21.79	22.12	21.93	21.92	23	1
10	64QAM	1	25	22.06	22.23	21.92	21.79		
10	64QAM	1	49	21.82	22.17	21.80	21.79		
10	64QAM	25	0	20.87	21.25	20.88	20.80	22	2
10	64QAM	25	12	20.79	21.13	20.95	20.91		
10	64QAM	25	25	20.83	21.05	20.83	20.82		
10	64QAM	50	0	21.04	21.33	20.90	20.95		
10	256QAM	1	0	18.92	19.13	18.95	18.85	20	4
10	256QAM	1	25	18.82	19.28	18.87	18.86		
10	256QAM	1	49	18.83	19.28	18.92	18.94		
10	256QAM	25	0	19.03	19.22	18.86	18.92	20	4
10	256QAM	25	12	18.99	19.27	18.98	18.81		
10	256QAM	25	25	18.85	19.28	18.84	18.88		
10	256QAM	50	0	18.99	19.13	18.90	19.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	22.97	23.22	22.89	22.84	24	0
5	QPSK	1	12	22.91	23.10	22.89	22.78		
5	QPSK	1	24	22.79	23.06	22.83	22.80		
5	QPSK	12	0	22.89	23.14	22.81	22.84	24	0
5	QPSK	12	7	22.84	23.11	22.80	22.68		
5	QPSK	12	13	22.87	23.07	22.82	22.78		
5	QPSK	25	0	23.00	23.19	22.79	22.82		
5	16QAM	1	0	22.92	23.13	22.78	22.68	24	0
5	16QAM	1	12	22.81	23.10	22.79	22.67		
5	16QAM	1	24	22.77	22.99	22.84	22.83		
5	16QAM	12	0	21.92	22.15	21.82	21.88	23	1
5	16QAM	12	7	22.02	22.10	21.75	21.85		
5	16QAM	12	13	21.94	22.17	21.78	21.88		
5	16QAM	25	0	22.02	22.02	21.76	21.88	23	1
5	64QAM	1	0	21.79	22.12	21.97	21.91		
5	64QAM	1	12	22.02	22.28	21.93	21.89		
5	64QAM	1	24	21.78	22.14	21.79	21.81		
5	64QAM	12	0	20.92	21.22	20.90	20.82	22	2
5	64QAM	12	7	20.79	21.11	20.94	20.87		
5	64QAM	12	13	20.87	21.11	20.83	20.82		
5	64QAM	25	0	20.98	21.28	20.90	20.95		
5	256QAM	1	0	18.90	19.09	18.96	18.86	20	4
5	256QAM	1	12	18.83	19.28	18.88	18.87		
5	256QAM	1	24	18.85	19.27	18.94	18.95		
5	256QAM	12	0	19.08	19.22	18.95	18.89	20	4
5	256QAM	12	7	18.98	19.33	18.93	18.95		
5	256QAM	12	13	18.95	19.28	18.93	18.86		
5	256QAM	25	0	19.01	19.14	18.87	18.98		

Reduced Power Mode for Other PA DSI3

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.21	16.25	16.18	17.2	0
20	QPSK	1	49	16.04	16.15	15.90		
20	QPSK	1	99	15.85	16.02	15.77		
20	QPSK	50	0	15.85	16.18	15.95	17.2	0
20	QPSK	50	24	15.84	16.13	15.99		
20	QPSK	50	50	15.91	16.14	15.82		
20	QPSK	100	0	15.92	16.06	15.83		
20	16QAM	1	0	15.85	16.16	15.86	17.2	0
20	16QAM	1	49	15.94	16.24	15.91		
20	16QAM	1	99	15.83	16.02	15.85		
20	16QAM	50	0	15.93	16.18	15.78	17.2	0
20	16QAM	50	24	15.91	16.06	15.87		
20	16QAM	50	50	15.77	15.94	15.75		
20	16QAM	100	0	15.75	16.12	15.81		
20	64QAM	1	0	15.77	16.03	15.91	17.2	0
20	64QAM	1	49	15.83	16.01	15.76		
20	64QAM	1	99	15.88	16.01	15.77		
20	64QAM	50	0	15.77	16.05	15.84	17.2	0
20	64QAM	50	24	15.96	16.10	15.74		
20	64QAM	50	50	15.96	16.13	15.88		
20	64QAM	100	0	15.80	15.90	15.73		
20	256QAM	1	0	15.75	16.07	15.88	17.2	0
20	256QAM	1	49	15.72	16.08	15.86		
20	256QAM	1	99	15.79	16.05	15.72		
20	256QAM	50	0	15.90	15.99	15.71	17.2	0
20	256QAM	50	24	15.75	16.13	15.75		
20	256QAM	50	50	15.86	16.12	15.82		
20	256QAM	100	0	15.80	15.90	15.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.11	16.15	16.10	17.2	0
15	QPSK	1	37	15.98	16.12	15.84		
15	QPSK	1	74	15.76	15.93	15.71		
15	QPSK	36	0	15.79	16.12	15.85	17.2	0
15	QPSK	36	20	15.78	16.08	15.93		
15	QPSK	36	39	15.83	16.10	15.70		
15	QPSK	75	0	15.81	16.03	15.78		
15	16QAM	1	0	15.74	16.09	15.82	17.2	0
15	16QAM	1	37	15.87	16.18	15.83		
15	16QAM	1	74	15.79	15.94	15.82		
15	16QAM	36	0	15.89	16.10	15.68	17.2	0
15	16QAM	36	20	15.78	16.02	15.82		
15	16QAM	36	39	15.70	15.82	15.66		
15	16QAM	75	0	15.72	15.98	15.73		
15	64QAM	1	0	15.73	15.94	15.86	17.2	0
15	64QAM	1	37	15.74	15.92	15.74		
15	64QAM	1	74	15.81	15.99	15.73		
15	64QAM	36	0	15.72	15.99	15.71	17.2	0
15	64QAM	36	20	15.89	16.05	15.66		
15	64QAM	36	39	15.84	16.11	15.83		
15	64QAM	75	0	15.72	15.87	15.59		
15	256QAM	1	0	15.71	16.02	15.83	17.2	0
15	256QAM	1	37	15.68	15.98	15.73		
15	256QAM	1	74	15.72	16.02	15.68		
15	256QAM	36	0	15.79	15.87	15.66	17.2	0
15	256QAM	36	20	15.73	16.07	15.70		
15	256QAM	36	39	15.79	15.99	15.71		
15	256QAM	75	0	15.69	15.85	15.70		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.18	16.11	16.05	17.2	0
10	QPSK	1	25	15.95	16.07	15.76		
10	QPSK	1	49	15.72	15.92	15.70		
10	QPSK	25	0	15.77	16.14	15.88	17.2	0
10	QPSK	25	12	15.79	16.07	15.88		
10	QPSK	25	25	15.82	16.11	15.79		
10	QPSK	50	0	15.82	16.00	15.70		
10	16QAM	1	0	15.77	16.11	15.83	17.2	0
10	16QAM	1	25	15.81	16.17	15.88		
10	16QAM	1	49	15.70	15.92	15.80		
10	16QAM	25	0	15.85	16.15	15.72	17.2	0
10	16QAM	25	12	15.86	15.97	15.82		
10	16QAM	25	25	15.68	15.83	15.67		
10	16QAM	50	0	15.70	16.02	15.74		
10	64QAM	1	0	15.63	15.93	15.87	17.2	0
10	64QAM	1	25	15.70	15.96	15.70		
10	64QAM	1	49	15.75	15.91	15.68		
10	64QAM	25	0	15.73	15.98	15.77	17.2	0
10	64QAM	25	12	15.93	15.98	15.71		
10	64QAM	25	25	15.85	16.00	15.77		
10	64QAM	50	0	15.76	15.77	15.65		
10	256QAM	1	0	15.66	15.95	15.81	17.2	0
10	256QAM	1	25	15.69	16.06	15.75		
10	256QAM	1	49	15.74	16.00	15.61		
10	256QAM	25	0	15.86	15.91	15.67	17.2	0
10	256QAM	25	12	15.69	16.03	15.68		
10	256QAM	25	25	15.80	16.07	15.72		
10	256QAM	50	0	15.72	15.78	15.72		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.14	16.12	16.11	17.2	0
5	QPSK	1	12	15.96	16.13	15.79		
5	QPSK	1	24	15.72	15.95	15.68		
5	QPSK	12	0	15.74	16.15	15.90	17.2	0
5	QPSK	12	7	15.71	16.09	15.91		
5	QPSK	12	13	15.79	16.11	15.69		
5	QPSK	25	0	15.86	15.94	15.77		
5	16QAM	1	0	15.76	16.12	15.76	17.2	0
5	16QAM	1	12	15.84	16.15	15.88		
5	16QAM	1	24	15.69	15.89	15.76		
5	16QAM	12	0	15.86	16.14	15.69	17.2	0
5	16QAM	12	7	15.80	15.95	15.76		
5	16QAM	12	13	15.71	15.81	15.65		
5	16QAM	25	0	15.64	16.00	15.76		
5	64QAM	1	0	15.69	15.89	15.84	17.2	0
5	64QAM	1	12	15.79	15.98	15.73		
5	64QAM	1	24	15.79	15.89	15.63		
5	64QAM	12	0	15.73	16.00	15.75	17.2	0
5	64QAM	12	7	15.94	16.08	15.66		
5	64QAM	12	13	15.82	16.04	15.85		
5	64QAM	25	0	15.71	15.85	15.68		
5	256QAM	1	0	15.62	16.00	15.80	17.2	0
5	256QAM	1	12	15.62	16.00	15.83		
5	256QAM	1	24	15.66	15.99	15.61		
5	256QAM	12	0	15.86	15.97	15.60	17.2	0
5	256QAM	12	7	15.64	16.00	15.69		
5	256QAM	12	13	15.76	16.00	15.76		
5	256QAM	25	0	15.68	15.77	15.64		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.13	16.18	16.09	17.2	0
3	QPSK	1	8	15.90	16.08	15.76		
3	QPSK	1	14	15.78	15.90	15.68		
3	QPSK	8	0	15.73	16.07	15.91	17.2	0
3	QPSK	8	4	15.71	16.00	15.89		
3	QPSK	8	7	15.88	16.03	15.71		
3	QPSK	15	0	15.83	15.95	15.76		
3	16QAM	1	0	15.76	16.03	15.77	17.2	0
3	16QAM	1	8	15.84	16.12	15.78		
3	16QAM	1	14	15.79	16.00	15.79		
3	16QAM	8	0	15.81	16.00	15.73	17.2	0
3	16QAM	8	4	15.82	15.93	15.77		
3	16QAM	8	7	15.70	15.91	15.61		
3	16QAM	15	0	15.65	16.03	15.70		
3	64QAM	1	0	15.73	15.94	15.85	17.2	0
3	64QAM	1	8	15.81	15.93	15.69		
3	64QAM	1	14	15.80	15.90	15.74		
3	64QAM	8	0	15.73	15.94	15.74	17.2	0
3	64QAM	8	4	15.85	16.00	15.62		
3	64QAM	8	7	15.90	16.03	15.85		
3	64QAM	15	0	15.72	15.77	15.66		
3	256QAM	1	0	15.66	15.96	15.80	17.2	0
3	256QAM	1	8	15.69	16.04	15.77		
3	256QAM	1	14	15.73	15.99	15.69		
3	256QAM	8	0	15.79	15.96	15.59	17.2	0
3	256QAM	8	4	15.68	16.03	15.62		
3	256QAM	8	7	15.75	16.05	15.76		
3	256QAM	15	0	15.76	15.85	15.62		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.14	16.11	16.05	17.2	0
1.4	QPSK	1	3	15.98	16.06	15.86		
1.4	QPSK	1	5	15.76	15.89	15.71		
1.4	QPSK	3	0	15.81	16.11	15.87		
1.4	QPSK	3	1	15.82	16.05	15.90		
1.4	QPSK	3	3	15.79	16.10	15.70		
1.4	QPSK	6	0	15.83	16.04	15.77	17.2	0
1.4	16QAM	1	0	15.81	16.07	15.84	17.2	0
1.4	16QAM	1	3	15.81	16.16	15.83		
1.4	16QAM	1	5	15.72	15.98	15.76		
1.4	16QAM	3	0	15.90	16.13	15.64		
1.4	16QAM	3	1	15.81	15.99	15.84		
1.4	16QAM	3	3	15.65	15.80	15.64		
1.4	16QAM	6	0	15.71	16.03	15.69	17.2	0
1.4	64QAM	1	0	15.67	15.98	15.82	17.2	0
1.4	64QAM	1	3	15.70	15.98	15.70		
1.4	64QAM	1	5	15.82	15.96	15.64		
1.4	64QAM	3	0	15.74	15.98	15.73		
1.4	64QAM	3	1	15.89	16.05	15.65		
1.4	64QAM	3	3	15.92	15.99	15.83		
1.4	64QAM	6	0	15.70	15.84	15.65	17.2	0
1.4	256QAM	1	0	15.71	15.99	15.85	17.2	0
1.4	256QAM	1	3	15.60	16.01	15.82		
1.4	256QAM	1	5	15.69	15.93	15.60		
1.4	256QAM	3	0	15.76	15.88	15.61		
1.4	256QAM	3	1	15.63	16.02	15.67		
1.4	256QAM	3	3	15.74	16.03	15.74		
1.4	256QAM	6	0	15.69	15.79	15.62	17.2	0

Band 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	17.38	17.53	17.48	19	0
20	QPSK	1	49	17.27	17.50	17.34		
20	QPSK	1	99	17.33	17.47	17.36		
20	QPSK	50	0	17.22	17.51	17.26	19	0
20	QPSK	50	24	17.36	17.38	17.50		
20	QPSK	50	50	17.19	17.37	17.41		
20	QPSK	100	0	17.39	17.43	17.42		
20	16QAM	1	0	17.19	17.24	17.33	19	0
20	16QAM	1	49	17.22	17.34	17.40		
20	16QAM	1	99	17.29	17.38	17.41		
20	16QAM	50	0	17.32	17.49	17.40	19	0
20	16QAM	50	24	17.18	17.48	17.31		
20	16QAM	50	50	17.20	17.44	17.26		
20	16QAM	100	0	17.20	17.46	17.19		
20	64QAM	1	0	17.31	17.34	17.48	19	0
20	64QAM	1	49	17.08	17.33	17.35		
20	64QAM	1	99	17.26	17.38	17.34		
20	64QAM	50	0	17.33	17.50	17.42	19	0
20	64QAM	50	24	17.35	17.47	17.36		
20	64QAM	50	50	17.17	17.37	17.20		
20	64QAM	100	0	17.26	17.38	17.28		
20	256QAM	1	0	17.10	17.48	17.19	19	0
20	256QAM	1	49	17.26	17.27	17.40		
20	256QAM	1	99	17.14	17.34	17.28		
20	256QAM	50	0	17.26	17.39	17.35	19	0
20	256QAM	50	24	17.10	17.17	17.30		
20	256QAM	50	50	17.14	17.23	17.30		
20	256QAM	100	0	17.16	17.26	17.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.36	17.50	17.37	19	0
15	QPSK	1	37	17.15	17.44	17.22		
15	QPSK	1	74	17.20	17.40	17.24		
15	QPSK	36	0	17.19	17.47	17.19	19	0
15	QPSK	36	20	17.23	17.28	17.44		
15	QPSK	36	39	17.15	17.31	17.34		
15	QPSK	75	0	17.30	17.33	17.38		
15	16QAM	1	0	17.08	17.12	17.21	19	0
15	16QAM	1	37	17.20	17.30	17.36		
15	16QAM	1	74	17.25	17.28	17.28		
15	16QAM	36	0	17.26	17.46	17.32	19	0
15	16QAM	36	20	17.11	17.41	17.24		
15	16QAM	36	39	17.14	17.33	17.13		
15	16QAM	75	0	17.14	17.38	17.12		
15	64QAM	1	0	17.24	17.30	17.40	19	0
15	64QAM	1	37	17.02	17.26	17.32		
15	64QAM	1	74	17.24	17.33	17.31		
15	64QAM	36	0	17.20	17.40	17.37	19	0
15	64QAM	36	20	17.21	17.43	17.33		
15	64QAM	36	39	17.13	17.27	17.17		
15	64QAM	75	0	17.18	17.33	17.20		
15	256QAM	1	0	17.25	17.42	17.07	19	0
15	256QAM	1	37	17.17	17.18	17.34		
15	256QAM	1	74	17.01	17.25	17.22		
15	256QAM	36	0	17.15	17.35	17.31	19	0
15	256QAM	36	20	17.04	17.07	17.25		
15	256QAM	36	39	17.02	17.20	17.23		
15	256QAM	75	0	17.08	17.23	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.32	17.45	17.40	19	0
10	QPSK	1	25	17.25	17.47	17.21		
10	QPSK	1	49	17.29	17.43	17.23		
10	QPSK	25	0	17.10	17.48	17.13	19	0
10	QPSK	25	12	17.23	17.24	17.40		
10	QPSK	25	25	17.14	17.28	17.31		
10	QPSK	50	0	17.25	17.34	17.31		
10	16QAM	1	0	17.14	17.21	17.22	19	0
10	16QAM	1	25	17.14	17.26	17.31		
10	16QAM	1	49	17.17	17.31	17.28		
10	16QAM	25	0	17.20	17.46	17.37	19	0
10	16QAM	25	12	17.12	17.38	17.19		
10	16QAM	25	25	17.10	17.36	17.21		
10	16QAM	50	0	17.18	17.37	17.09		
10	64QAM	1	0	17.29	17.31	17.45	19	0
10	64QAM	1	25	17.25	17.24	17.22		
10	64QAM	1	49	17.24	17.32	17.28		
10	64QAM	25	0	17.29	17.40	17.30	19	0
10	64QAM	25	12	17.29	17.34	17.30		
10	64QAM	25	25	17.04	17.28	17.07		
10	64QAM	50	0	17.19	17.26	17.25		
10	256QAM	1	0	17.01	17.41	17.06	19	0
10	256QAM	1	25	17.22	17.24	17.37		
10	256QAM	1	49	17.04	17.25	17.18		
10	256QAM	25	0	17.23	17.28	17.21	19	0
10	256QAM	25	12	17.03	17.14	17.23		
10	256QAM	25	25	17.04	17.17	17.22		
10	256QAM	50	0	17.03	17.16	17.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.31	17.50	17.35	19	0
5	QPSK	1	12	17.18	17.40	17.26		
5	QPSK	1	24	17.19	17.33	17.22		
5	QPSK	12	0	17.10	17.45	17.17	19	0
5	QPSK	12	7	17.32	17.33	17.46		
5	QPSK	12	13	17.08	17.27	17.38		
5	QPSK	25	0	17.25	17.30	17.32		
5	16QAM	1	0	17.08	17.21	17.23	19	0
5	16QAM	1	12	17.14	17.30	17.32		
5	16QAM	1	24	17.21	17.33	17.39		
5	16QAM	12	0	17.25	17.39	17.34	19	0
5	16QAM	12	7	17.07	17.40	17.21		
5	16QAM	12	13	17.11	17.42	17.23		
5	16QAM	25	0	17.12	17.43	17.07		
5	64QAM	1	0	17.25	17.28	17.36	19	0
5	64QAM	1	12	17.25	17.26	17.21		
5	64QAM	1	24	17.20	17.34	17.25		
5	64QAM	12	0	17.27	17.40	17.31	19	0
5	64QAM	12	7	17.31	17.41	17.27		
5	64QAM	12	13	17.07	17.32	17.18		
5	64QAM	25	0	17.23	17.30	17.15		
5	256QAM	1	0	17.02	17.40	17.06	19	0
5	256QAM	1	12	17.14	17.24	17.29		
5	256QAM	1	24	17.06	17.21	17.25		
5	256QAM	12	0	17.19	17.33	17.32	19	0
5	256QAM	12	7	17.25	17.13	17.17		
5	256QAM	12	13	17.07	17.14	17.27		
5	256QAM	25	0	17.14	17.16	17.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.31	17.44	17.37	19	0
3	QPSK	1	8	17.24	17.39	17.27		
3	QPSK	1	14	17.30	17.45	17.30		
3	QPSK	8	0	17.16	17.37	17.14	19	0
3	QPSK	8	4	17.31	17.34	17.37		
3	QPSK	8	7	17.13	17.26	17.28		
3	QPSK	15	0	17.32	17.33	17.36		
3	16QAM	1	0	17.09	17.14	17.20	19	0
3	16QAM	1	8	17.12	17.24	17.27		
3	16QAM	1	14	17.20	17.31	17.35		
3	16QAM	8	0	17.22	17.43	17.30	19	0
3	16QAM	8	4	17.15	17.44	17.28		
3	16QAM	8	7	17.14	17.41	17.21		
3	16QAM	15	0	17.13	17.33	17.11		
3	64QAM	1	0	17.28	17.25	17.40	19	0
3	64QAM	1	8	17.25	17.23	17.28		
3	64QAM	1	14	17.16	17.30	17.28		
3	64QAM	8	0	17.28	17.39	17.31	19	0
3	64QAM	8	4	17.27	17.39	17.23		
3	64QAM	8	7	17.14	17.33	17.17		
3	64QAM	15	0	17.16	17.31	17.14		
3	256QAM	1	0	17.06	17.44	17.16	19	0
3	256QAM	1	8	17.19	17.13	17.26		
3	256QAM	1	14	17.04	17.32	17.18		
3	256QAM	8	0	17.15	17.27	17.23	19	0
3	256QAM	8	4	17.02	17.09	17.25		
3	256QAM	8	7	17.02	17.13	17.20		
3	256QAM	15	0	17.10	17.21	17.22		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.28	17.50	17.38	19	0
1.4	QPSK	1	3	17.23	17.41	17.24		
1.4	QPSK	1	5	17.24	17.39	17.31		
1.4	QPSK	3	0	17.11	17.45	17.23		
1.4	QPSK	3	1	17.28	17.34	17.48		
1.4	QPSK	3	3	17.08	17.33	17.38		
1.4	QPSK	6	0	17.29	17.29	17.37	19	0
1.4	16QAM	1	0	17.13	17.20	17.30	19	0
1.4	16QAM	1	3	17.09	17.21	17.34		
1.4	16QAM	1	5	17.23	17.25	17.39		
1.4	16QAM	3	0	17.23	17.40	17.37		
1.4	16QAM	3	1	17.09	17.42	17.24		
1.4	16QAM	3	3	17.16	17.36	17.15		
1.4	16QAM	6	0	17.12	17.42	17.12	19	0
1.4	64QAM	1	0	17.24	17.24	17.36	19	0
1.4	64QAM	1	3	17.03	17.20	17.30		
1.4	64QAM	1	5	17.23	17.30	17.24		
1.4	64QAM	3	0	17.24	17.37	17.32		
1.4	64QAM	3	1	17.27	17.44	17.31		
1.4	64QAM	3	3	17.15	17.25	17.12		
1.4	64QAM	6	0	17.12	17.35	17.24	19	0
1.4	256QAM	1	0	17.07	17.46	17.12	19	0
1.4	256QAM	1	3	17.15	17.24	17.28		
1.4	256QAM	1	5	17.11	17.23	17.22		
1.4	256QAM	3	0	17.18	17.36	17.25		
1.4	256QAM	3	1	17.03	17.15	17.21		
1.4	256QAM	3	3	17.03	17.19	17.24		
1.4	256QAM	6	0	17.13	17.19	17.21	19	0

Band 66

BW [MHz]	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	17.35	17.54	17.43	19	0
20	QPSK	1	49	17.24	17.46	17.32		
20	QPSK	1	99	17.28	17.45	17.29		
20	QPSK	50	0	17.19	17.48	17.20	19	0
20	QPSK	50	24	17.30	17.32	17.43		
20	QPSK	50	50	17.11	17.29	17.35		
20	QPSK	100	0	17.36	17.40	17.36		
20	16QAM	1	0	17.17	17.20	17.30	19	0
20	16QAM	1	49	17.20	17.27	17.36		
20	16QAM	1	99	17.23	17.32	17.35		
20	16QAM	50	0	17.30	17.41	17.32	19	0
20	16QAM	50	24	17.14	17.41	17.26		
20	16QAM	50	50	17.14	17.36	17.24		
20	16QAM	100	0	17.16	17.38	17.15		
20	64QAM	1	0	17.26	17.30	17.44	19	0
20	64QAM	1	49	17.02	17.30	17.32		
20	64QAM	1	99	17.24	17.32	17.28		
20	64QAM	50	0	17.26	17.45	17.38	19	0
20	64QAM	50	24	17.32	17.41	17.29		
20	64QAM	50	50	17.15	17.31	17.15		
20	64QAM	100	0	17.19	17.35	17.22		
20	256QAM	1	0	17.04	17.42	17.12	19	0
20	256QAM	1	49	17.18	17.22	17.35		
20	256QAM	1	99	17.07	17.31	17.26		
20	256QAM	50	0	17.18	17.34	17.27	19	0
20	256QAM	50	24	17.03	17.12	17.25		
20	256QAM	50	50	17.08	17.19	17.27		
20	256QAM	100	0	17.09	17.19	17.24		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.33	17.48	17.39	19	0
15	QPSK	1	37	17.19	17.42	17.27		
15	QPSK	1	74	17.22	17.39	17.21		
15	QPSK	36	0	17.11	17.40	17.15	19	0
15	QPSK	36	20	17.28	17.26	17.40		
15	QPSK	36	39	17.08	17.25	17.32		
15	QPSK	75	0	17.30	17.35	17.31		
15	16QAM	1	0	17.13	17.13	17.26	19	0
15	16QAM	1	37	17.16	17.21	17.34		
15	16QAM	1	74	17.19	17.27	17.31		
15	16QAM	36	0	17.22	17.36	17.29	19	0
15	16QAM	36	20	17.09	17.37	17.18		
15	16QAM	36	39	17.09	17.34	17.18		
15	16QAM	75	0	17.13	17.32	17.09		
15	64QAM	1	0	17.23	17.26	17.38	19	0
15	64QAM	1	37	17.24	17.25	17.27		
15	64QAM	1	74	17.19	17.26	17.23		
15	64QAM	36	0	17.22	17.41	17.31	19	0
15	64QAM	36	20	17.28	17.38	17.22		
15	64QAM	36	39	17.10	17.25	17.10		
15	64QAM	75	0	17.14	17.29	17.16		
15	256QAM	1	0	17.24	17.36	17.10	19	0
15	256QAM	1	37	17.15	17.16	17.31		
15	256QAM	1	74	17.00	17.24	17.22		
15	256QAM	36	0	17.12	17.29	17.20	19	0
15	256QAM	36	20	16.95	17.08	17.20		
15	256QAM	36	39	17.02	17.13	17.24		
15	256QAM	75	0	17.07	17.12	17.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.31	17.49	17.35	19	0
10	QPSK	1	25	17.17	17.41	17.25		
10	QPSK	1	49	17.26	17.40	17.23		
10	QPSK	25	0	17.12	17.41	17.12	19	0
10	QPSK	25	12	17.26	17.29	17.38		
10	QPSK	25	25	17.07	17.22	17.28		
10	QPSK	50	0	17.33	17.35	17.29		
10	16QAM	1	0	17.13	17.14	17.27	19	0
10	16QAM	1	25	17.17	17.24	17.31		
10	16QAM	1	49	17.16	17.29	17.32		
10	16QAM	25	0	17.25	17.36	17.25	19	0
10	16QAM	25	12	17.10	17.37	17.18		
10	16QAM	25	25	17.10	17.29	17.20		
10	16QAM	50	0	17.09	17.33	17.10		
10	64QAM	1	0	17.23	17.27	17.38	19	0
10	64QAM	1	25	17.24	17.24	17.26		
10	64QAM	1	49	17.18	17.27	17.21		
10	64QAM	25	0	17.22	17.39	17.36	19	0
10	64QAM	25	12	17.28	17.38	17.26		
10	64QAM	25	25	17.08	17.29	17.08		
10	64QAM	50	0	17.14	17.32	17.18		
10	256QAM	1	0	17.01	17.37	17.05	19	0
10	256QAM	1	25	17.14	17.19	17.27		
10	256QAM	1	49	17.05	17.27	17.24		
10	256QAM	25	0	17.11	17.27	17.19	19	0
10	256QAM	25	12	16.99	17.05	17.22		
10	256QAM	25	25	17.03	17.17	17.21		
10	256QAM	50	0	17.05	17.15	17.18		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.29	17.47	17.36	19	0
5	QPSK	1	12	17.21	17.38	17.27		
5	QPSK	1	24	17.23	17.39	17.24		
5	QPSK	12	0	17.16	17.44	17.16	19	0
5	QPSK	12	7	17.27	17.26	17.41		
5	QPSK	12	13	17.07	17.26	17.33		
5	QPSK	25	0	17.32	17.37	17.32		
5	16QAM	1	0	17.11	17.14	17.23	19	0
5	16QAM	1	12	17.13	17.22	17.31		
5	16QAM	1	24	17.18	17.28	17.32		
5	16QAM	12	0	17.27	17.35	17.29	19	0
5	16QAM	12	7	17.10	17.38	17.21		
5	16QAM	12	13	17.08	17.28	17.19		
5	16QAM	25	0	17.14	17.30	17.07		
5	64QAM	1	0	17.24	17.23	17.39	19	0
5	64QAM	1	12	17.24	17.25	17.29		
5	64QAM	1	24	17.18	17.25	17.25		
5	64QAM	12	0	17.23	17.39	17.33	19	0
5	64QAM	12	7	17.25	17.35	17.22		
5	64QAM	12	13	17.09	17.28	17.08		
5	64QAM	25	0	17.16	17.29	17.15		
5	256QAM	1	0	17.01	17.38	17.10	19	0
5	256QAM	1	12	17.11	17.15	17.29		
5	256QAM	1	24	17.05	17.25	17.21		
5	256QAM	12	0	17.14	17.30	17.23	19	0
5	256QAM	12	7	16.95	17.05	17.19		
5	256QAM	12	13	17.04	17.14	17.21		
5	256QAM	25	0	17.04	17.11	17.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.28	17.49	17.40	19	0
3	QPSK	1	8	17.22	17.42	17.28		
3	QPSK	1	14	17.21	17.41	17.23		
3	QPSK	8	0	17.11	17.42	17.14	19	0
3	QPSK	8	4	17.27	17.30	17.35		
3	QPSK	8	7	17.09	17.24	17.30		
3	QPSK	15	0	17.34	17.38	17.30		
3	16QAM	1	0	17.12	17.14	17.23	19	0
3	16QAM	1	8	17.14	17.23	17.33		
3	16QAM	1	14	17.18	17.26	17.29		
3	16QAM	8	0	17.27	17.38	17.29	19	0
3	16QAM	8	4	17.06	17.35	17.19		
3	16QAM	8	7	17.10	17.34	17.20		
3	16QAM	15	0	17.12	17.31	17.12		
3	64QAM	1	0	17.20	17.26	17.40	19	0
3	64QAM	1	8	17.24	17.23	17.29		
3	64QAM	1	14	17.18	17.27	17.22		
3	64QAM	8	0	17.21	17.39	17.36	19	0
3	64QAM	8	4	17.26	17.35	17.27		
3	64QAM	8	7	17.09	17.26	17.09		
3	64QAM	15	0	17.12	17.32	17.15		
3	256QAM	1	0	17.01	17.37	17.06	19	0
3	256QAM	1	8	17.10	17.17	17.28		
3	256QAM	1	14	17.05	17.27	17.20		
3	256QAM	8	0	17.15	17.28	17.23	19	0
3	256QAM	8	4	16.97	17.09	17.17		
3	256QAM	8	7	17.03	17.16	17.23		
3	256QAM	15	0	17.06	17.16	17.19		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.28	17.51	17.36	19	0
1.4	QPSK	1	3	17.22	17.43	17.28		
1.4	QPSK	1	5	17.26	17.43	17.24		
1.4	QPSK	3	0	17.12	17.43	17.17		
1.4	QPSK	3	1	17.23	17.25	17.38		
1.4	QPSK	3	3	17.04	17.23	17.28		
1.4	QPSK	6	0	17.32	17.34	17.28	19	0
1.4	16QAM	1	0	17.11	17.14	17.26	19	0
1.4	16QAM	1	3	17.15	17.24	17.28		
1.4	16QAM	1	5	17.20	17.25	17.31		
1.4	16QAM	3	0	17.26	17.37	17.24		
1.4	16QAM	3	1	17.12	17.35	17.20		
1.4	16QAM	3	3	17.08	17.32	17.19		
1.4	16QAM	6	0	17.08	17.32	17.12	19	0
1.4	64QAM	1	0	17.23	17.27	17.37	19	0
1.4	64QAM	1	3	17.24	17.28	17.25		
1.4	64QAM	1	5	17.19	17.29	17.24		
1.4	64QAM	3	0	17.21	17.41	17.35		
1.4	64QAM	3	1	17.30	17.35	17.21		
1.4	64QAM	3	3	17.09	17.24	17.10		
1.4	64QAM	6	0	17.17	17.29	17.16	19	0
1.4	256QAM	1	0	17.01	17.35	17.08	19	0
1.4	256QAM	1	3	17.13	17.17	17.30		
1.4	256QAM	1	5	17.24	17.29	17.19		
1.4	256QAM	3	0	17.14	17.31	17.21		
1.4	256QAM	3	1	17.24	17.09	17.23		
1.4	256QAM	3	3	17.24	17.12	17.22		
1.4	256QAM	6	0	17.04	17.16	17.19	19	0

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.97	18.02	17.81	18.4	0
20	QPSK	1	49	17.66	17.88	17.77		
20	QPSK	1	99	17.73	17.80	17.75		
20	QPSK	50	0	17.79	18.00	17.82	18.4	0
20	QPSK	50	24	17.81	17.83	17.74		
20	QPSK	50	50	17.80	17.92	17.73		
20	QPSK	100	0	17.81	17.85	17.75		
20	16QAM	1	0	17.75	17.90	17.77	18.4	0
20	16QAM	1	49	17.90	17.78	17.83		
20	16QAM	1	99	17.71	17.87	17.81		
20	16QAM	50	0	17.84	17.91	17.68	18.4	0
20	16QAM	50	24	17.64	17.80	17.71		
20	16QAM	50	50	17.64	17.70	17.64		
20	16QAM	100	0	17.72	17.93	17.79		
20	64QAM	1	0	17.69	17.80	17.61	18.4	0
20	64QAM	1	49	17.72	17.83	17.65		
20	64QAM	1	99	17.77	17.82	17.61		
20	64QAM	50	0	17.92	17.88	17.75	18.4	0
20	64QAM	50	24	17.94	17.99	17.68		
20	64QAM	50	50	17.62	17.85	17.63		
20	64QAM	100	0	17.68	17.72	17.61		
20	256QAM	1	0	17.67	17.86	17.80	18.4	0
20	256QAM	1	49	17.72	17.80	17.63		
20	256QAM	1	99	17.72	17.90	17.66		
20	256QAM	50	0	17.78	17.79	17.72	18.4	0
20	256QAM	50	24	17.72	17.79	17.67		
20	256QAM	50	50	17.83	17.65	17.77		
20	256QAM	100	0	17.61	17.83	17.77		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.93	17.97	17.71	18.4	0
15	QPSK	1	37	17.53	17.80	17.65		
15	QPSK	1	74	17.64	17.72	17.70		
15	QPSK	36	0	17.69	17.94	17.72	18.4	0
15	QPSK	36	20	17.69	17.71	17.65		
15	QPSK	36	39	17.75	17.87	17.61		
15	QPSK	75	0	17.79	17.73	17.63		
15	16QAM	1	0	17.72	17.77	17.69	18.4	0
15	16QAM	1	37	17.79	17.75	17.71		
15	16QAM	1	74	17.58	17.74	17.72		
15	16QAM	36	0	17.75	17.81	17.66	18.4	0
15	16QAM	36	20	17.62	17.73	17.63		
15	16QAM	36	39	17.61	17.62	17.51		
15	16QAM	75	0	17.69	17.90	17.67		
15	64QAM	1	0	17.61	17.71	17.58	18.4	0
15	64QAM	1	37	17.62	17.71	17.57		
15	64QAM	1	74	17.69	17.76	17.50		
15	64QAM	36	0	17.79	17.80	17.61	18.4	0
15	64QAM	36	20	17.82	17.94	17.59		
15	64QAM	36	39	17.54	17.81	17.55		
15	64QAM	75	0	17.59	17.66	17.52		
15	256QAM	1	0	17.58	17.75	17.74	18.4	0
15	256QAM	1	37	17.69	17.72	17.56		
15	256QAM	1	74	17.68	17.78	17.62		
15	256QAM	36	0	17.74	17.76	17.66	18.4	0
15	256QAM	36	20	17.60	17.74	17.57		
15	256QAM	36	39	17.73	17.58	17.70		
15	256QAM	75	0	17.49	17.76	17.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.91	17.95	17.70	18.4	0
10	QPSK	1	25	17.62	17.78	17.74		
10	QPSK	1	49	17.60	17.66	17.68		
10	QPSK	25	0	17.69	17.88	17.76	18.4	0
10	QPSK	25	12	17.69	17.79	17.62		
10	QPSK	25	25	17.75	17.81	17.70		
10	QPSK	50	0	17.76	17.71	17.68		
10	16QAM	1	0	17.71	17.84	17.73	18.4	0
10	16QAM	1	25	17.85	17.73	17.74		
10	16QAM	1	49	17.62	17.80	17.70		
10	16QAM	25	0	17.75	17.87	17.66	18.4	0
10	16QAM	25	12	17.57	17.74	17.67		
10	16QAM	25	25	17.51	17.57	17.59		
10	16QAM	50	0	17.66	17.89	17.67		
10	64QAM	1	0	17.66	17.72	17.57	18.4	0
10	64QAM	1	25	17.63	17.72	17.53		
10	64QAM	1	49	17.75	17.78	17.48		
10	64QAM	25	0	17.79	17.78	17.65	18.4	0
10	64QAM	25	12	17.92	17.86	17.58		
10	64QAM	25	25	17.53	17.82	17.57		
10	64QAM	50	0	17.58	17.69	17.55		
10	256QAM	1	0	17.61	17.82	17.73	18.4	0
10	256QAM	1	25	17.65	17.73	17.52		
10	256QAM	1	49	17.63	17.77	17.56		
10	256QAM	25	0	17.70	17.68	17.58	18.4	0
10	256QAM	25	12	17.59	17.75	17.56		
10	256QAM	25	25	17.79	17.62	17.75		
10	256QAM	50	0	17.48	17.77	17.67		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.95	17.94	17.73	18.4	0
5	QPSK	1	12	17.63	17.78	17.71		
5	QPSK	1	24	17.61	17.74	17.72		
5	QPSK	12	0	17.71	17.96	17.79	18.4	0
5	QPSK	12	7	17.75	17.80	17.69		
5	QPSK	12	13	17.68	17.81	17.61		
5	QPSK	25	0	17.76	17.80	17.71		
5	16QAM	1	0	17.61	17.82	17.74	18.4	0
5	16QAM	1	12	17.81	17.76	17.74		
5	16QAM	1	24	17.64	17.79	17.71		
5	16QAM	12	0	17.80	17.82	17.63	18.4	0
5	16QAM	12	7	17.61	17.78	17.66		
5	16QAM	12	13	17.56	17.57	17.59		
5	16QAM	25	0	17.62	17.79	17.68		
5	64QAM	1	0	17.60	17.77	17.51	18.4	0
5	64QAM	1	12	17.62	17.79	17.55		
5	64QAM	1	24	17.65	17.70	17.51		
5	64QAM	12	0	17.85	17.74	17.63	18.4	0
5	64QAM	12	7	17.87	17.87	17.56		
5	64QAM	12	13	17.59	17.73	17.54		
5	64QAM	25	0	17.66	17.59	17.49		
5	256QAM	1	0	17.58	17.84	17.75	18.4	0
5	256QAM	1	12	17.60	17.72	17.58		
5	256QAM	1	24	17.63	17.79	17.58		
5	256QAM	12	0	17.66	17.69	17.68	18.4	0
5	256QAM	12	7	17.63	17.75	17.64		
5	256QAM	12	13	17.77	17.60	17.66		
5	256QAM	25	0	17.48	17.73	17.73		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.90	17.92	17.77	18.4	0
3	QPSK	1	8	17.54	17.77	17.72		
3	QPSK	1	14	17.64	17.77	17.66		
3	QPSK	8	0	17.70	17.87	17.71	18.4	0
3	QPSK	8	4	17.71	17.79	17.72		
3	QPSK	8	7	17.72	17.83	17.61		
3	QPSK	15	0	17.73	17.83	17.61		
3	16QAM	1	0	17.66	17.87	17.73	18.4	0
3	16QAM	1	8	17.77	17.66	17.70		
3	16QAM	1	14	17.68	17.73	17.70		
3	16QAM	8	0	17.78	17.82	17.63	18.4	0
3	16QAM	8	4	17.52	17.73	17.67		
3	16QAM	8	7	17.59	17.62	17.52		
3	16QAM	15	0	17.64	17.88	17.75		
3	64QAM	1	0	17.62	17.68	17.48	18.4	0
3	64QAM	1	8	17.69	17.76	17.55		
3	64QAM	1	14	17.74	17.79	17.58		
3	64QAM	8	0	17.80	17.74	17.66	18.4	0
3	64QAM	8	4	17.82	17.90	17.63		
3	64QAM	8	7	17.57	17.79	17.49		
3	64QAM	15	0	17.61	17.61	17.58		
3	256QAM	1	0	17.55	17.78	17.77	18.4	0
3	256QAM	1	8	17.64	17.76	17.51		
3	256QAM	1	14	17.64	17.77	17.60		
3	256QAM	8	0	17.64	17.75	17.69	18.4	0
3	256QAM	8	4	17.64	17.69	17.57		
3	256QAM	8	7	17.80	17.53	17.70		
3	256QAM	15	0	17.54	17.70	17.72		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.87	17.94	17.73	18.4	0
1.4	QPSK	1	3	17.61	17.86	17.69		
1.4	QPSK	1	5	17.68	17.73	17.72		
1.4	QPSK	3	0	17.67	17.97	17.71		
1.4	QPSK	3	1	17.76	17.75	17.71		
1.4	QPSK	3	3	17.70	17.87	17.62		
1.4	QPSK	6	0	17.70	17.81	17.71	18.4	0
1.4	16QAM	1	0	17.68	17.80	17.75	18.4	0
1.4	16QAM	1	3	17.78	17.66	17.81		
1.4	16QAM	1	5	17.60	17.80	17.71		
1.4	16QAM	3	0	17.77	17.84	17.64		
1.4	16QAM	3	1	17.57	17.67	17.68		
1.4	16QAM	3	3	17.60	17.58	17.51		
1.4	16QAM	6	0	17.61	17.81	17.67	18.4	0
1.4	64QAM	1	0	17.59	17.74	17.48	18.4	0
1.4	64QAM	1	3	17.69	17.80	17.51		
1.4	64QAM	1	5	17.65	17.77	17.50		
1.4	64QAM	3	0	17.85	17.76	17.67		
1.4	64QAM	3	1	17.88	17.94	17.65		
1.4	64QAM	3	3	17.53	17.79	17.50		
1.4	64QAM	6	0	17.58	17.64	17.53	18.4	0
1.4	256QAM	1	0	17.60	17.83	17.76	18.4	0
1.4	256QAM	1	3	17.69	17.69	17.50		
1.4	256QAM	1	5	17.64	17.84	17.60		
1.4	256QAM	3	0	17.66	17.75	17.61		
1.4	256QAM	3	1	17.69	17.69	17.54		
1.4	256QAM	3	3	17.76	17.59	17.65		
1.4	256QAM	6	0	17.55	17.72	17.72	18.4	0

Band 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	17.65	17.78	17.65	19.3	0
20	QPSK	1	49	17.45	17.64	17.45		
20	QPSK	1	99	17.45	17.64	17.57		
20	QPSK	50	0	17.49	17.69	17.62	19.3	0
20	QPSK	50	24	17.61	17.60	17.51		
20	QPSK	50	50	17.52	17.62	17.61		
20	QPSK	100	0	17.52	17.63	17.52		
20	16QAM	1	0	17.50	17.55	17.59	19.3	0
20	16QAM	1	49	17.39	17.56	17.59		
20	16QAM	1	99	17.54	17.53	17.61		
20	16QAM	50	0	17.56	17.74	17.55	19.3	0
20	16QAM	50	24	17.37	17.60	17.42		
20	16QAM	50	50	17.35	17.57	17.51		
20	16QAM	100	0	17.37	17.59	17.57		
20	64QAM	1	0	17.58	17.52	17.41	19.3	0
20	64QAM	1	49	17.43	17.51	17.52		
20	64QAM	1	99	17.48	17.52	17.45		
20	64QAM	50	0	17.47	17.44	17.51	19.3	0
20	64QAM	50	24	17.53	17.65	17.55		
20	64QAM	50	50	17.40	17.57	17.32		
20	64QAM	100	0	17.41	17.59	17.50		
20	256QAM	1	0	17.36	17.57	17.59	19.3	0
20	256QAM	1	49	17.49	17.50	17.40		
20	256QAM	1	99	17.41	17.52	17.55		
20	256QAM	50	0	17.45	17.60	17.41	19.3	0
20	256QAM	50	24	17.39	17.45	17.54		
20	256QAM	50	50	17.33	17.45	17.48		
20	256QAM	100	0	17.45	17.51	17.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.54	17.70	17.56	19.3	0
15	QPSK	1	37	17.40	17.56	17.33		
15	QPSK	1	74	17.34	17.53	17.52		
15	QPSK	36	0	17.45	17.62	17.55	19.3	0
15	QPSK	36	20	17.50	17.51	17.46		
15	QPSK	36	39	17.50	17.51	17.55		
15	QPSK	75	0	17.41	17.57	17.41		
15	16QAM	1	0	17.39	17.43	17.48	19.3	0
15	16QAM	1	37	17.37	17.56	17.49		
15	16QAM	1	74	17.65	17.54	17.67		
15	16QAM	36	0	17.55	17.74	17.63	19.3	0
15	16QAM	36	20	17.30	17.59	17.47		
15	16QAM	36	39	17.45	17.61	17.54		
15	16QAM	75	0	17.34	17.55	17.46		
15	64QAM	1	0	17.60	17.57	17.42	19.3	0
15	64QAM	1	37	17.39	17.56	17.53		
15	64QAM	1	74	17.43	17.58	17.43		
15	64QAM	36	0	17.45	17.49	17.51	19.3	0
15	64QAM	36	20	17.44	17.59	17.51		
15	64QAM	36	39	17.47	17.61	17.42		
15	64QAM	75	0	17.36	17.52	17.53		
15	256QAM	1	0	17.37	17.64	17.65	19.3	0
15	256QAM	1	37	17.45	17.44	17.45		
15	256QAM	1	74	17.38	17.59	17.49		
15	256QAM	36	0	17.43	17.67	17.35	19.3	0
15	256QAM	36	20	17.35	17.40	17.50		
15	256QAM	36	39	17.31	17.54	17.41		
15	256QAM	75	0	17.45	17.52	17.49		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.56	17.67	17.59	19.3	0
10	QPSK	1	25	17.42	17.62	17.39		
10	QPSK	1	49	17.38	17.52	17.47		
10	QPSK	25	0	17.36	17.66	17.54	19.3	0
10	QPSK	25	12	17.55	17.53	17.43		
10	QPSK	25	25	17.43	17.49	17.52		
10	QPSK	50	0	17.50	17.53	17.42		
10	16QAM	1	0	17.47	17.49	17.50	19.3	0
10	16QAM	1	25	17.35	17.48	17.54		
10	16QAM	1	49	17.48	17.48	17.48		
10	16QAM	25	0	17.47	17.65	17.43	19.3	0
10	16QAM	25	12	17.34	17.47	17.35		
10	16QAM	25	25	17.32	17.45	17.38		
10	16QAM	50	0	17.44	17.51	17.49		
10	64QAM	1	0	17.49	17.41	17.32	19.3	0
10	64QAM	1	25	17.38	17.41	17.41		
10	64QAM	1	49	17.37	17.44	17.39		
10	64QAM	25	0	17.41	17.34	17.47	19.3	0
10	64QAM	25	12	17.44	17.62	17.47		
10	64QAM	25	25	17.32	17.48	17.42		
10	64QAM	50	0	17.30	17.56	17.44		
10	256QAM	1	0	17.34	17.52	17.53	19.3	0
10	256QAM	1	25	17.41	17.38	17.39		
10	256QAM	1	49	17.31	17.42	17.51		
10	256QAM	25	0	17.40	17.53	17.38	19.3	0
10	256QAM	25	12	17.44	17.32	17.45		
10	256QAM	25	25	17.44	17.36	17.35		
10	256QAM	50	0	17.39	17.40	17.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.52	17.69	17.53	19.3	0
5	QPSK	1	12	17.37	17.54	17.31		
5	QPSK	1	24	17.41	17.60	17.55		
5	QPSK	12	0	17.45	17.67	17.56	19.3	0
5	QPSK	12	7	17.57	17.46	17.40		
5	QPSK	12	13	17.38	17.57	17.55		
5	QPSK	25	0	17.44	17.56	17.42		
5	16QAM	1	0	17.38	17.52	17.50	19.3	0
5	16QAM	1	12	17.46	17.44	17.46		
5	16QAM	1	24	17.42	17.51	17.55		
5	16QAM	12	0	17.46	17.65	17.48	19.3	0
5	16QAM	12	7	17.39	17.49	17.35		
5	16QAM	12	13	17.30	17.54	17.45		
5	16QAM	25	0	17.46	17.52	17.50		
5	64QAM	1	0	17.46	17.40	17.45	19.3	0
5	64QAM	1	12	17.30	17.47	17.40		
5	64QAM	1	24	17.42	17.39	17.32		
5	64QAM	12	0	17.41	17.36	17.44	19.3	0
5	64QAM	12	7	17.44	17.57	17.44		
5	64QAM	12	13	17.30	17.49	17.47		
5	64QAM	25	0	17.30	17.51	17.42		
5	256QAM	1	0	17.34	17.53	17.46	19.3	0
5	256QAM	1	12	17.40	17.43	17.38		
5	256QAM	1	24	17.36	17.47	17.43		
5	256QAM	12	0	17.31	17.55	17.33	19.3	0
5	256QAM	12	7	17.33	17.34	17.41		
5	256QAM	12	13	17.46	17.38	17.36		
5	256QAM	25	0	17.32	17.41	17.44		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.55	17.67	17.57	19.3	0
3	QPSK	1	8	17.38	17.54	17.42		
3	QPSK	1	14	17.32	17.59	17.47		
3	QPSK	8	0	17.43	17.61	17.59	19.3	0
3	QPSK	8	4	17.51	17.58	17.39		
3	QPSK	8	7	17.45	17.49	17.54		
3	QPSK	15	0	17.42	17.58	17.46		
3	16QAM	1	0	17.48	17.45	17.54	19.3	0
3	16QAM	1	8	17.38	17.54	17.49		
3	16QAM	1	14	17.49	17.46	17.58		
3	16QAM	8	0	17.44	17.69	17.52	19.3	0
3	16QAM	8	4	17.47	17.56	17.31		
3	16QAM	8	7	17.47	17.50	17.40		
3	16QAM	15	0	17.42	17.52	17.49		
3	64QAM	1	0	17.50	17.49	17.33	19.3	0
3	64QAM	1	8	17.35	17.43	17.40		
3	64QAM	1	14	17.35	17.44	17.37		
3	64QAM	8	0	17.35	17.31	17.40	19.3	0
3	64QAM	8	4	17.47	17.56	17.48		
3	64QAM	8	7	17.41	17.48	17.47		
3	64QAM	15	0	17.38	17.45	17.41		
3	256QAM	1	0	17.39	17.53	17.51	19.3	0
3	256QAM	1	8	17.39	17.48	17.35		
3	256QAM	1	14	17.38	17.44	17.48		
3	256QAM	8	0	17.40	17.49	17.32	19.3	0
3	256QAM	8	4	17.34	17.37	17.46		
3	256QAM	8	7	17.42	17.35	17.34		
3	256QAM	15	0	17.41	17.42	17.38		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.52	17.68	17.54	19.3	0
1.4	QPSK	1	3	17.41	17.58	17.33		
1.4	QPSK	1	5	17.42	17.54	17.47		
1.4	QPSK	3	0	17.40	17.65	17.60		
1.4	QPSK	3	1	17.55	17.48	17.40		
1.4	QPSK	3	3	17.42	17.55	17.50		
1.4	QPSK	6	0	17.41	17.57	17.39	19.3	0
1.4	16QAM	1	0	17.43	17.51	17.48	19.3	0
1.4	16QAM	1	3	17.42	17.47	17.57		
1.4	16QAM	1	5	17.46	17.50	17.53		
1.4	16QAM	3	0	17.45	17.63	17.47		
1.4	16QAM	3	1	17.39	17.49	17.36		
1.4	16QAM	3	3	17.30	17.48	17.40		
1.4	16QAM	6	0	17.34	17.48	17.46	19.3	0
1.4	64QAM	1	0	17.47	17.45	17.40	19.3	0
1.4	64QAM	1	3	17.34	17.46	17.39		
1.4	64QAM	1	5	17.44	17.49	17.38		
1.4	64QAM	3	0	17.44	17.32	17.46		
1.4	64QAM	3	1	17.46	17.53	17.51		
1.4	64QAM	3	3	17.42	17.49	17.42		
1.4	64QAM	6	0	17.33	17.46	17.48	19.3	0
1.4	256QAM	1	0	17.43	17.47	17.53	19.3	0
1.4	256QAM	1	3	17.39	17.42	17.38		
1.4	256QAM	1	5	17.37	17.48	17.45		
1.4	256QAM	3	0	17.33	17.55	17.37		
1.4	256QAM	3	1	17.40	17.32	17.49		
1.4	256QAM	3	3	17.45	17.35	17.35		
1.4	256QAM	6	0	17.38	17.38	17.37	19.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.72	17.79	17.72	19.3	0
20	QPSK	1	49	17.55	17.76	17.46		
20	QPSK	1	99	17.48	17.76	17.59		
20	QPSK	50	0	17.50	17.75	17.68	19.3	0
20	QPSK	50	24	17.62	17.70	17.58		
20	QPSK	50	50	17.59	17.66	17.72		
20	QPSK	100	0	17.63	17.73	17.61		
20	16QAM	1	0	17.51	17.62	17.66	19.3	0
20	16QAM	1	49	17.46	17.67	17.59		
20	16QAM	1	99	17.57	17.55	17.70		
20	16QAM	50	0	17.67	17.77	17.65	19.3	0
20	16QAM	50	24	17.38	17.68	17.53		
20	16QAM	50	50	17.37	17.67	17.55		
20	16QAM	100	0	17.41	17.61	17.61		
20	64QAM	1	0	17.63	17.63	17.51	19.3	0
20	64QAM	1	49	17.52	17.55	17.60		
20	64QAM	1	99	17.59	17.58	17.47		
20	64QAM	50	0	17.55	17.52	17.54	19.3	0
20	64QAM	50	24	17.60	17.77	17.66		
20	64QAM	50	50	17.45	17.58	17.40		
20	64QAM	100	0	17.48	17.69	17.54		
20	256QAM	1	0	17.43	17.62	17.61	19.3	0
20	256QAM	1	49	17.61	17.62	17.47		
20	256QAM	1	99	17.50	17.63	17.58		
20	256QAM	50	0	17.53	17.67	17.43	19.3	0
20	256QAM	50	24	17.39	17.55	17.58		
20	256QAM	50	50	17.39	17.57	17.58		
20	256QAM	100	0	17.49	17.55	17.55		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.59	17.73	17.70	19.3	0
15	QPSK	1	37	17.51	17.64	17.33		
15	QPSK	1	74	17.37	17.65	17.49		
15	QPSK	36	0	17.38	17.67	17.63	19.3	0
15	QPSK	36	20	17.51	17.61	17.52		
15	QPSK	36	39	17.48	17.55	17.68		
15	QPSK	75	0	17.51	17.69	17.52		
15	16QAM	1	0	17.38	17.58	17.56	19.3	0
15	16QAM	1	37	17.43	17.64	17.47		
15	16QAM	1	74	17.55	17.49	17.59		
15	16QAM	36	0	17.64	17.71	17.52	19.3	0
15	16QAM	36	20	17.34	17.61	17.50		
15	16QAM	36	39	17.46	17.60	17.46		
15	16QAM	75	0	17.39	17.57	17.49		
15	64QAM	1	0	17.60	17.53	17.44	19.3	0
15	64QAM	1	37	17.42	17.42	17.55		
15	64QAM	1	74	17.49	17.53	17.42		
15	64QAM	36	0	17.53	17.42	17.47	19.3	0
15	64QAM	36	20	17.50	17.63	17.56		
15	64QAM	36	39	17.38	17.48	17.34		
15	64QAM	75	0	17.34	17.56	17.46		
15	256QAM	1	0	17.33	17.56	17.54	19.3	0
15	256QAM	1	37	17.58	17.57	17.43		
15	256QAM	1	74	17.42	17.49	17.48		
15	256QAM	36	0	17.51	17.57	17.39	19.3	0
15	256QAM	36	20	17.31	17.52	17.56		
15	256QAM	36	39	17.37	17.53	17.50		
15	256QAM	75	0	17.40	17.44	17.42		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.62	17.67	17.62	19.3	0
10	QPSK	1	25	17.52	17.66	17.38		
10	QPSK	1	49	17.35	17.68	17.54		
10	QPSK	25	0	17.45	17.61	17.61	19.3	0
10	QPSK	25	12	17.57	17.59	17.54		
10	QPSK	25	25	17.57	17.64	17.64		
10	QPSK	50	0	17.55	17.63	17.54		
10	16QAM	1	0	17.38	17.60	17.53	19.3	0
10	16QAM	1	25	17.36	17.65	17.46		
10	16QAM	1	49	17.44	17.43	17.58		
10	16QAM	25	0	17.60	17.63	17.63	19.3	0
10	16QAM	25	12	17.48	17.56	17.50		
10	16QAM	25	25	17.34	17.58	17.44		
10	16QAM	50	0	17.31	17.49	17.48		
10	64QAM	1	0	17.54	17.55	17.39	19.3	0
10	64QAM	1	25	17.41	17.42	17.52		
10	64QAM	1	49	17.49	17.53	17.41		
10	64QAM	25	0	17.52	17.42	17.46	19.3	0
10	64QAM	25	12	17.55	17.64	17.54		
10	64QAM	25	25	17.42	17.52	17.34		
10	64QAM	50	0	17.46	17.62	17.52		
10	256QAM	1	0	17.36	17.56	17.52	19.3	0
10	256QAM	1	25	17.52	17.54	17.34		
10	256QAM	1	49	17.36	17.57	17.48		
10	256QAM	25	0	17.46	17.55	17.32	19.3	0
10	256QAM	25	12	17.28	17.50	17.45		
10	256QAM	25	25	17.28	17.50	17.54		
10	256QAM	50	0	17.36	17.53	17.51		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.60	17.68	17.68	19.3	0
5	QPSK	1	12	17.51	17.67	17.39		
5	QPSK	1	24	17.45	17.66	17.50		
5	QPSK	12	0	17.39	17.70	17.57	19.3	0
5	QPSK	12	7	17.57	17.56	17.46		
5	QPSK	12	13	17.48	17.58	17.69		
5	QPSK	25	0	17.60	17.65	17.52		
5	16QAM	1	0	17.45	17.59	17.54	19.3	0
5	16QAM	1	12	17.33	17.56	17.45		
5	16QAM	1	24	17.53	17.49	17.61		
5	16QAM	12	0	17.65	17.73	17.54	19.3	0
5	16QAM	12	7	17.34	17.65	17.40		
5	16QAM	12	13	17.41	17.61	17.49		
5	16QAM	25	0	17.38	17.49	17.50		
5	64QAM	1	0	17.52	17.60	17.41	19.3	0
5	64QAM	1	12	17.49	17.49	17.48		
5	64QAM	1	24	17.53	17.48	17.44		
5	64QAM	12	0	17.44	17.45	17.42	19.3	0
5	64QAM	12	7	17.48	17.65	17.60		
5	64QAM	12	13	17.31	17.50	17.29		
5	64QAM	25	0	17.40	17.65	17.50		
5	256QAM	1	0	17.32	17.52	17.48	19.3	0
5	256QAM	1	12	17.58	17.52	17.42		
5	256QAM	1	24	17.39	17.55	17.50		
5	256QAM	12	0	17.43	17.54	17.36	19.3	0
5	256QAM	12	7	17.25	17.49	17.51		
5	256QAM	12	13	17.36	17.48	17.54		
5	256QAM	25	0	17.38	17.51	17.52		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.63	17.70	17.68	19.3	0
3	QPSK	1	8	17.45	17.64	17.33		
3	QPSK	1	14	17.40	17.67	17.56		
3	QPSK	8	0	17.41	17.66	17.62	19.3	0
3	QPSK	8	4	17.57	17.56	17.47		
3	QPSK	8	7	17.49	17.58	17.65		
3	QPSK	15	0	17.56	17.63	17.49		
3	16QAM	1	0	17.41	17.57	17.60	19.3	0
3	16QAM	1	8	17.35	17.57	17.56		
3	16QAM	1	14	17.50	17.46	17.57		
3	16QAM	8	0	17.63	17.72	17.63	19.3	0
3	16QAM	8	4	17.39	17.63	17.44		
3	16QAM	8	7	17.41	17.57	17.51		
3	16QAM	15	0	17.37	17.47	17.59		
3	64QAM	1	0	17.52	17.50	17.39	19.3	0
3	64QAM	1	8	17.43	17.45	17.47		
3	64QAM	1	14	17.52	17.55	17.39		
3	64QAM	8	0	17.50	17.46	17.43	19.3	0
3	64QAM	8	4	17.48	17.75	17.53		
3	64QAM	8	7	17.32	17.49	17.27		
3	64QAM	15	0	17.39	17.65	17.45		
3	256QAM	1	0	17.49	17.59	17.54	19.3	0
3	256QAM	1	8	17.57	17.50	17.43		
3	256QAM	1	14	17.46	17.51	17.47		
3	256QAM	8	0	17.51	17.57	17.41	19.3	0
3	256QAM	8	4	17.30	17.45	17.49		
3	256QAM	8	7	17.30	17.54	17.46		
3	256QAM	15	0	17.44	17.48	17.50		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.64	17.77	17.59	19.3	0
1.4	QPSK	1	3	17.47	17.74	17.38		
1.4	QPSK	1	5	17.44	17.70	17.49		
1.4	QPSK	3	0	17.38	17.69	17.64		
1.4	QPSK	3	1	17.58	17.67	17.44		
1.4	QPSK	3	3	17.53	17.60	17.60		
1.4	QPSK	6	0	17.60	17.64	17.48	19.3	0
1.4	16QAM	1	0	17.38	17.60	17.61	19.3	0
1.4	16QAM	1	3	17.43	17.65	17.47		
1.4	16QAM	1	5	17.53	17.43	17.60		
1.4	16QAM	3	0	17.59	17.73	17.57		
1.4	16QAM	3	1	17.49	17.57	17.47		
1.4	16QAM	3	3	17.35	17.62	17.41		
1.4	16QAM	6	0	17.29	17.48	17.51	19.3	0
1.4	64QAM	1	0	17.54	17.51	17.46	19.3	0
1.4	64QAM	1	3	17.39	17.42	17.54		
1.4	64QAM	1	5	17.51	17.49	17.37		
1.4	64QAM	3	0	17.49	17.47	17.44		
1.4	64QAM	3	1	17.55	17.72	17.58		
1.4	64QAM	3	3	17.36	17.50	17.35		
1.4	64QAM	6	0	17.41	17.61	17.46	19.3	0
1.4	256QAM	1	0	17.39	17.56	17.54	19.3	0
1.4	256QAM	1	3	17.59	17.52	17.40		
1.4	256QAM	1	5	17.43	17.52	17.45		
1.4	256QAM	3	0	17.42	17.63	17.39		
1.4	256QAM	3	1	17.49	17.43	17.51		
1.4	256QAM	3	3	17.35	17.44	17.54		
1.4	256QAM	6	0	17.44	17.45	17.45	19.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.97	15.99	15.88	15.76	17.3	0
20	QPSK	1	49	15.82	15.93	15.83	15.71		
20	QPSK	1	99	15.73	15.87	15.66	15.70		
20	QPSK	50	0	15.75	15.93	15.70	15.67		
20	QPSK	50	24	15.82	15.85	15.69	15.85	17.3	0
20	QPSK	50	50	15.78	15.88	15.66	15.89		
20	QPSK	100	0	15.87	15.90	15.76	15.88		
20	16QAM	1	0	15.81	15.88	15.71	15.84		
20	16QAM	1	49	15.79	15.80	15.80	15.83	17.3	0
20	16QAM	1	99	15.89	15.95	15.63	15.75		
20	16QAM	50	0	15.88	15.96	15.75	15.68		
20	16QAM	50	24	15.73	15.90	15.74	15.64	17.3	0
20	16QAM	50	50	15.59	15.74	15.54	15.58		
20	16QAM	100	0	15.66	15.88	15.64	15.65		
20	64QAM	1	0	15.74	15.74	15.59	15.81		
20	64QAM	1	49	15.72	15.79	15.64	15.78	17.3	0
20	64QAM	1	99	15.82	15.77	15.66	15.82		
20	64QAM	50	0	15.75	15.81	15.67	15.75		
20	64QAM	50	24	15.86	15.95	15.81	15.74	17.3	0
20	64QAM	50	50	15.78	15.91	15.73	15.65		
20	64QAM	100	0	15.64	15.80	15.57	15.59		
20	256QAM	1	0	15.72	15.87	15.56	15.59		
20	256QAM	1	49	15.71	15.73	15.55	15.72	17.3	0
20	256QAM	1	99	15.73	15.78	15.53	15.82		
20	256QAM	50	0	15.82	15.78	15.72	15.79		
20	256QAM	50	24	15.74	15.77	15.63	15.73	17.3	0
20	256QAM	50	50	15.68	15.76	15.72	15.77		
20	256QAM	100	0	15.76	15.81	15.57	15.64		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.86	15.96	15.83	15.63	17.3	0
15	QPSK	1	37	15.76	15.79	15.76	15.66		
15	QPSK	1	74	15.68	15.84	15.57	15.64		
15	QPSK	36	0	15.63	15.84	15.65	15.61		
15	QPSK	36	20	15.71	15.83	15.61	15.79	17.3	0
15	QPSK	36	39	15.74	15.81	15.60	15.85		
15	QPSK	75	0	15.83	15.81	15.68	15.75		
15	16QAM	1	0	15.78	15.77	15.67	15.79		
15	16QAM	1	37	15.66	15.70	15.71	15.78	17.3	0
15	16QAM	1	74	15.86	15.86	15.53	15.66		
15	16QAM	36	0	15.83	15.89	15.72	15.56		
15	16QAM	36	20	15.64	15.88	15.64	15.59	17.3	0
15	16QAM	36	39	15.57	15.70	15.51	15.55		
15	16QAM	75	0	15.59	15.85	15.51	15.57		
15	64QAM	1	0	15.65	15.60	15.50	15.77		
15	64QAM	1	37	15.69	15.76	15.57	15.76	17.3	0
15	64QAM	1	74	15.75	15.69	15.58	15.72		
15	64QAM	36	0	15.69	15.72	15.54	15.65		
15	64QAM	36	20	15.81	15.92	15.77	15.64	17.3	0
15	64QAM	36	39	15.75	15.81	15.55	15.61		
15	64QAM	75	0	15.61	15.73	15.62	15.51		
15	256QAM	1	0	15.70	15.78	15.55	15.55		
15	256QAM	1	37	15.58	15.66	15.55	15.55	17.3	0
15	256QAM	1	74	15.64	15.70	15.55	15.55		
15	256QAM	36	0	15.69	15.74	15.69	15.65		
15	256QAM	36	20	15.68	15.72	15.55	15.63	17.3	0
15	256QAM	36	39	15.54	15.70	15.67	15.68		
15	256QAM	75	0	15.63	15.69	15.50	15.60		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.87	15.95	15.77	15.69	17.3	0
10	QPSK	1	25	15.80	15.86	15.71	15.69		
10	QPSK	1	49	15.71	15.84	15.61	15.59		
10	QPSK	25	0	15.61	15.85	15.67	15.63		
10	QPSK	25	12	15.77	15.73	15.61	15.81	17.3	0
10	QPSK	25	25	15.68	15.76	15.54	15.84		
10	QPSK	50	0	15.84	15.80	15.65	15.80		
10	16QAM	1	0	15.75	15.81	15.61	15.76		
10	16QAM	1	25	15.68	15.77	15.74	15.74	17.3	0
10	16QAM	1	49	15.86	15.92	15.53	15.70		
10	16QAM	25	0	15.82	15.92	15.66	15.59		
10	16QAM	25	12	15.67	15.84	15.69	15.56	17.3	0
10	16QAM	25	25	15.50	15.63	15.59	15.54		
10	16QAM	50	0	15.52	15.76	15.56	15.62		
10	64QAM	1	0	15.72	15.68	15.59	15.73		
10	64QAM	1	25	15.65	15.75	15.50	15.65	17.3	0
10	64QAM	1	49	15.76	15.74	15.53	15.75		
10	64QAM	25	0	15.66	15.71	15.58	15.65		
10	64QAM	25	12	15.75	15.93	15.78	15.60	17.3	0
10	64QAM	25	25	15.66	15.87	15.67	15.58		
10	64QAM	50	0	15.60	15.71	15.59	15.59		
10	256QAM	1	0	15.68	15.74	15.59	15.50		
10	256QAM	1	25	15.57	15.63	15.50	15.68	17.3	0
10	256QAM	1	49	15.62	15.69	15.59	15.73		
10	256QAM	25	0	15.77	15.67	15.69	15.66		
10	256QAM	25	12	15.68	15.65	15.61	15.60	17.3	0
10	256QAM	25	25	15.66	15.66	15.66	15.67		
10	256QAM	50	0	15.73	15.68	15.53	15.55		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.89	15.88	15.75	15.73	17.3	0
5	QPSK	1	12	15.72	15.80	15.72	15.60		
5	QPSK	1	24	15.64	15.77	15.53	15.63		
5	QPSK	12	0	15.66	15.86	15.66	15.54		
5	QPSK	12	7	15.79	15.82	15.64	15.81	17.3	0
5	QPSK	12	13	15.67	15.74	15.59	15.83		
5	QPSK	25	0	15.80	15.82	15.66	15.79		
5	16QAM	1	0	15.67	15.75	15.67	15.72		
5	16QAM	1	12	15.70	15.77	15.67	15.74	17.3	0
5	16QAM	1	24	15.78	15.88	15.58	15.61		
5	16QAM	12	0	15.83	15.88	15.71	15.60		
5	16QAM	12	7	15.65	15.84	15.61	15.55	17.3	0
5	16QAM	12	13	15.53	15.62	15.59	15.53		
5	16QAM	25	0	15.63	15.80	15.55	15.54		
5	64QAM	1	0	15.66	15.63	15.59	15.78		
5	64QAM	1	12	15.63	15.74	15.53	15.67	17.3	0
5	64QAM	1	24	15.73	15.66	15.55	15.73		
5	64QAM	12	0	15.67	15.69	15.62	15.66		
5	64QAM	12	7	15.79	15.84	15.72	15.66	17.3	0
5	64QAM	12	13	15.76	15.81	15.59	15.58		
5	64QAM	25	0	15.60	15.73	15.59	15.54		
5	256QAM	1	0	15.67	15.73	15.51	15.55		
5	256QAM	1	12	15.60	15.61	15.50	15.60	17.3	0
5	256QAM	1	24	15.64	15.64	15.59	15.70		
5	256QAM	12	0	15.76	15.70	15.68	15.75		
5	256QAM	12	7	15.83	15.74	15.57	15.63	17.3	0
5	256QAM	12	13	15.62	15.67	15.67	15.65		
5	256QAM	25	0	15.63	15.67	15.50	15.55		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.06	16.19	16.06	16.04	17	0
20	QPSK	1	49	15.93	16.01	16.01	16.01		
20	QPSK	1	99	15.74	15.93	15.91	15.95		
20	QPSK	50	0	15.99	16.09	15.99	16.02	17	0
20	QPSK	50	24	15.92	15.87	15.85	16.04		
20	QPSK	50	50	15.83	15.92	16.03	15.93		
20	QPSK	100	0	15.86	16.11	15.90	16.04		
20	16QAM	1	0	15.88	15.87	16.09	16.09	17	0
20	16QAM	1	49	15.82	15.96	15.96	16.05		
20	16QAM	1	99	16.03	15.99	16.05	15.95		
20	16QAM	50	0	15.95	16.12	16.01	15.99	17	0
20	16QAM	50	24	15.82	15.97	15.89	15.97		
20	16QAM	50	50	15.65	15.88	15.86	15.92		
20	16QAM	100	0	15.94	15.99	15.93	15.96		
20	64QAM	1	0	15.84	15.80	15.80	16.00	17	0
20	64QAM	1	49	15.79	15.82	15.93	15.83		
20	64QAM	1	99	15.78	16.02	15.84	16.02		
20	64QAM	50	0	15.76	15.84	16.03	16.06	17	0
20	64QAM	50	24	15.94	16.05	16.01	15.91		
20	64QAM	50	50	15.82	15.90	15.92	15.89		
20	64QAM	100	0	15.70	15.86	15.79	15.88		
20	256QAM	1	0	15.92	16.07	15.87	15.97	17	0
20	256QAM	1	49	15.89	15.83	15.83	15.96		
20	256QAM	1	99	15.72	15.89	15.98	15.79		
20	256QAM	50	0	15.83	16.06	15.86	15.98	17	0
20	256QAM	50	24	15.85	15.81	16.00	15.99		
20	256QAM	50	50	15.75	15.88	15.93	15.94		
20	256QAM	100	0	16.00	15.93	16.00	15.90		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.98	16.14	16.01	15.99	17	0
15	QPSK	1	37	15.81	15.96	15.89	15.94		
15	QPSK	1	74	15.77	15.90	15.85	15.86		
15	QPSK	36	0	15.93	15.97	15.89	15.90	17	0
15	QPSK	36	20	15.81	15.76	15.81	15.91		
15	QPSK	36	39	15.75	15.88	15.90	15.86		
15	QPSK	75	0	15.77	16.04	15.80	15.92		
15	16QAM	1	0	15.76	15.82	16.03	16.01	17	0
15	16QAM	1	37	15.76	15.83	15.91	16.00		
15	16QAM	1	74	15.91	15.93	16.01	15.90		
15	16QAM	36	0	15.86	15.98	15.88	15.95	17	0
15	16QAM	36	20	15.79	15.93	15.85	15.94		
15	16QAM	36	39	15.51	15.76	15.80	15.80		
15	16QAM	75	0	15.87	15.88	15.79	15.86		
15	64QAM	1	0	15.79	15.71	15.74	15.93	17	0
15	64QAM	1	37	15.70	15.80	15.88	15.74		
15	64QAM	1	74	15.64	15.90	15.80	15.89		
15	64QAM	36	0	15.63	15.78	15.95	15.99	17	0
15	64QAM	36	20	15.82	15.92	15.97	15.89		
15	64QAM	36	39	15.78	15.78	15.82	15.79		
15	64QAM	75	0	15.60	15.83	15.69	15.74		
15	256QAM	1	0	15.81	16.03	15.74	15.90	17	0
15	256QAM	1	37	15.83	15.74	15.80	15.90		
15	256QAM	1	74	15.62	15.84	15.89	15.77		
15	256QAM	36	0	15.73	16.00	15.82	15.89	17	0
15	256QAM	36	20	15.71	15.77	15.97	15.88		
15	256QAM	36	39	15.70	15.82	15.89	15.86		
15	256QAM	75	0	15.91	15.85	15.94	15.82		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.98	16.15	15.93	15.91	17	0
10	QPSK	1	25	15.87	15.98	15.96	15.95		
10	QPSK	1	49	15.77	15.85	15.88	15.82		
10	QPSK	25	0	15.88	16.05	15.92	15.98	17	0
10	QPSK	25	12	15.82	15.79	15.74	16.02		
10	QPSK	25	25	15.80	15.88	16.00	15.88		
10	QPSK	50	0	15.83	16.08	15.81	15.94		
10	16QAM	1	0	15.74	15.73	16.04	16.00	17	0
10	16QAM	1	25	15.79	15.90	15.92	15.95		
10	16QAM	1	49	15.95	15.87	15.97	15.86		
10	16QAM	25	0	15.83	16.08	15.99	15.96	17	0
10	16QAM	25	12	15.79	15.85	15.82	15.84		
10	16QAM	25	25	15.59	15.76	15.75	15.79		
10	16QAM	50	0	15.83	15.96	15.80	15.87		
10	64QAM	1	0	15.77	15.67	15.76	15.89	17	0
10	64QAM	1	25	15.71	15.76	15.87	15.74		
10	64QAM	1	49	15.74	15.99	15.81	15.95		
10	64QAM	25	0	15.63	15.72	15.90	16.00	17	0
10	64QAM	25	12	15.88	15.91	15.91	15.85		
10	64QAM	25	25	15.76	15.80	15.88	15.84		
10	64QAM	50	0	15.56	15.76	15.75	15.77		
10	256QAM	1	0	15.83	15.99	15.79	15.89	17	0
10	256QAM	1	25	15.81	15.70	15.77	15.93		
10	256QAM	1	49	15.61	15.84	15.84	15.72		
10	256QAM	25	0	15.81	15.94	15.74	15.93	17	0
10	256QAM	25	12	15.74	15.78	15.89	15.89		
10	256QAM	25	25	15.72	15.75	15.80	15.85		
10	256QAM	50	0	15.88	15.89	15.88	15.76		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.99	16.09	16.03	16.01	17	0
5	QPSK	1	12	15.89	15.91	15.89	15.95		
5	QPSK	1	24	15.65	15.86	15.84	15.81		
5	QPSK	12	0	15.90	16.05	15.85	15.89	17	0
5	QPSK	12	7	15.87	15.84	15.82	15.96		
5	QPSK	12	13	15.73	15.83	15.95	15.87		
5	QPSK	25	0	15.78	15.99	15.80	15.91		
5	16QAM	1	0	15.84	15.82	15.96	16.02	17	0
5	16QAM	1	12	15.78	15.90	15.85	15.98		
5	16QAM	1	24	15.94	15.88	15.96	15.83		
5	16QAM	12	0	15.91	16.08	15.94	15.87	17	0
5	16QAM	12	7	15.72	15.90	15.85	15.89		
5	16QAM	12	13	15.77	15.85	15.73	15.90		
5	16QAM	25	0	15.90	15.95	15.80	15.91		
5	64QAM	1	0	15.82	15.75	15.73	15.94	17	0
5	64QAM	1	12	15.65	15.75	15.84	15.76		
5	64QAM	1	24	15.72	15.97	15.73	15.91		
5	64QAM	12	0	15.72	15.72	15.98	16.01	17	0
5	64QAM	12	7	15.82	16.02	15.90	15.87		
5	64QAM	12	13	15.74	15.78	15.82	15.79		
5	64QAM	25	0	15.65	15.73	15.77	15.85		
5	256QAM	1	0	15.81	16.01	15.76	15.93	17	0
5	256QAM	1	12	15.80	15.74	15.75	15.86		
5	256QAM	1	24	15.59	15.79	15.87	15.76		
5	256QAM	12	0	15.73	15.97	15.79	15.95	17	0
5	256QAM	12	7	15.81	15.74	15.97	15.89		
5	256QAM	12	13	15.64	15.75	15.83	15.81		
5	256QAM	25	0	15.87	15.86	15.88	15.80		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	14.34	14.35	14.03	14.10	15	0
20	QPSK	1	49	14.13	14.26	13.90	14.12		
20	QPSK	1	99	14.29	14.12	13.85	13.90		
20	QPSK	50	0	14.11	14.33	13.92	14.00	15	0
20	QPSK	50	24	14.22	14.29	13.88	14.03		
20	QPSK	50	50	14.18	14.22	13.98	14.02		
20	QPSK	100	0	14.16	14.32	13.98	13.96		
20	16QAM	1	0	14.11	14.05	13.97	13.99	15	0
20	16QAM	1	49	14.11	14.02	14.08	14.05		
20	16QAM	1	99	14.10	14.12	13.99	14.06		
20	16QAM	50	0	14.11	14.15	13.94	14.07	15	0
20	16QAM	50	24	14.10	14.15	13.99	14.01		
20	16QAM	50	50	14.19	14.04	14.01	13.80		
20	16QAM	100	0	14.06	14.21	13.88	13.91		
20	64QAM	1	0	14.12	14.20	13.80	13.97	15	0
20	64QAM	1	49	14.10	14.12	13.88	13.93		
20	64QAM	1	99	14.05	14.23	13.91	13.93		
20	64QAM	50	0	13.97	14.14	13.88	13.88	15	0
20	64QAM	50	24	14.30	14.33	13.97	14.05		
20	64QAM	50	50	14.06	14.17	13.84	14.08		
20	64QAM	100	0	14.25	14.03	13.81	13.86		
20	256QAM	1	0	14.09	14.24	13.79	13.87	15	0
20	256QAM	1	49	14.17	14.26	13.85	13.90		
20	256QAM	1	99	14.06	14.14	13.84	13.91		
20	256QAM	50	0	14.07	14.30	13.95	13.82	15	0
20	256QAM	50	24	14.05	14.14	13.89	13.93		
20	256QAM	50	50	14.03	14.09	14.01	14.02		
20	256QAM	100	0	14.01	14.22	13.76	13.92		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	14.23	14.21	13.91	13.98	15	0
15	QPSK	1	37	14.00	14.15	13.86	14.03		
15	QPSK	1	74	14.24	14.02	13.79	13.87		
15	QPSK	36	0	14.04	14.27	13.83	13.92	15	0
15	QPSK	36	20	14.09	14.25	13.86	13.90		
15	QPSK	36	39	14.09	14.18	13.94	13.97		
15	QPSK	75	0	14.14	14.19	13.85	13.94		
15	16QAM	1	0	13.98	13.98	13.87	13.88	15	0
15	16QAM	1	37	13.98	14.00	14.05	13.97		
15	16QAM	1	74	14.05	14.09	13.93	14.03		
15	16QAM	36	0	14.09	14.10	13.88	13.96	15	0
15	16QAM	36	20	14.07	14.07	13.86	13.89		
15	16QAM	36	39	14.16	13.91	13.93	13.69		
15	16QAM	75	0	14.02	14.12	13.81	13.77		
15	64QAM	1	0	14.07	14.16	13.88	13.85	15	0
15	64QAM	1	37	14.07	14.03	13.85	13.88		
15	64QAM	1	74	14.01	14.20	13.84	13.88		
15	64QAM	36	0	13.91	14.05	13.77	13.78	15	0
15	64QAM	36	20	14.22	14.23	13.88	13.99		
15	64QAM	36	39	13.99	14.11	13.73	14.04		
15	64QAM	75	0	14.16	13.90	13.77	13.81		
15	256QAM	1	0	14.06	14.21	13.76	13.79	15	0
15	256QAM	1	37	14.12	14.16	13.82	13.84		
15	256QAM	1	74	14.03	14.03	13.76	13.86		
15	256QAM	36	0	14.02	14.00	13.89	13.75	15	0
15	256QAM	36	20	13.92	14.02	13.95	13.86		
15	256QAM	36	39	13.99	13.97	13.97	13.91		
15	256QAM	75	0	13.96	14.19	13.70	13.86		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	14.24	14.24	13.92	14.06	15	0
10	QPSK	1	25	14.06	14.21	13.86	14.10		
10	QPSK	1	49	14.24	14.05	13.98	13.87		
10	QPSK	25	0	14.00	14.28	13.87	13.94	15	0
10	QPSK	25	12	14.17	14.23	13.80	13.98		
10	QPSK	25	25	14.08	14.15	13.93	13.95		
10	QPSK	50	0	14.08	14.27	13.89	13.89		
10	16QAM	1	0	14.03	14.01	13.93	13.90	15	0
10	16QAM	1	25	13.99	13.95	14.01	13.99		
10	16QAM	1	49	14.03	14.06	13.96	14.03		
10	16QAM	25	0	14.00	14.09	13.87	14.02	15	0
10	16QAM	25	12	13.96	14.05	13.90	13.97		
10	16QAM	25	25	14.12	13.93	13.89	13.78		
10	16QAM	50	0	14.00	14.18	13.84	13.79		
10	64QAM	1	0	14.03	14.11	13.76	13.91	15	0
10	64QAM	1	25	14.00	13.99	13.80	13.81		
10	64QAM	1	49	13.91	14.15	13.82	13.82		
10	64QAM	25	0	13.90	14.08	13.75	13.81	15	0
10	64QAM	25	12	14.21	14.21	13.94	13.93		
10	64QAM	25	25	13.94	14.04	13.74	14.00		
10	64QAM	50	0	14.19	13.97	13.72	13.78		
10	256QAM	1	0	13.99	14.13	13.69	13.79	15	0
10	256QAM	1	25	14.14	14.16	13.83	13.80		
10	256QAM	1	49	13.97	14.02	13.76	13.78		
10	256QAM	25	0	13.94	14.00	13.82	13.73	15	0
10	256QAM	25	12	13.94	14.02	13.82	13.83		
10	256QAM	25	25	13.92	13.96	13.89	13.98		
10	256QAM	50	0	13.92	14.13	13.72	13.83		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	14.31	14.10	13.89	14.02	15	0
5	QPSK	1	12	13.99	14.15	13.95	14.09		
5	QPSK	1	24	14.18	14.00	13.92	14.01		
5	QPSK	12	0	14.02	14.29	13.79	13.99	15	0
5	QPSK	12	7	14.13	14.25	13.79	13.98		
5	QPSK	12	13	14.09	14.16	13.92	13.93		
5	QPSK	25	0	14.10	14.21	13.85	13.90		
5	16QAM	1	0	14.07	13.98	13.84	13.96	15	0
5	16QAM	1	12	14.05	13.97	14.02	13.93		
5	16QAM	1	24	13.97	14.02	13.87	13.93		
5	16QAM	12	0	14.07	14.11	13.85	14.00	15	0
5	16QAM	12	7	14.07	14.06	13.87	13.97		
5	16QAM	12	13	14.13	14.01	13.98	13.67		
5	16QAM	25	0	13.95	14.16	13.75	13.81	15	0
5	64QAM	1	0	14.06	14.16	13.68	13.83		
5	64QAM	1	12	14.02	14.07	13.81	13.85		
5	64QAM	1	24	13.97	14.10	13.78	13.85		
5	64QAM	12	0	13.86	14.01	13.82	13.79	15	0
5	64QAM	12	7	14.22	14.27	13.87	14.00		
5	64QAM	12	13	13.97	14.08	13.79	13.99		
5	64QAM	25	0	14.19	14.01	13.73	13.80		
5	256QAM	1	0	13.96	14.21	13.74	13.76	15	0
5	256QAM	1	12	14.14	14.24	13.81	13.86		
5	256QAM	1	24	13.95	14.03	13.78	13.81		
5	256QAM	12	0	13.95	14.22	13.90	13.72	15	0
5	256QAM	12	7	13.93	14.10	13.77	13.80		
5	256QAM	12	13	13.90	14.05	13.95	13.91		
5	256QAM	25	0	13.98	14.14	13.95	13.80		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.58	20.73	20.58	20.55	21.5	0
20	QPSK	1	49	20.42	20.63	20.36	20.41		
20	QPSK	1	99	20.34	20.60	20.43	20.28		
20	QPSK	50	0	20.52	20.71	20.35	20.43		
20	QPSK	50	24	20.40	20.69	20.33	20.49		
20	QPSK	50	50	20.48	20.64	20.42	20.28		
20	QPSK	100	0	20.49	20.71	20.45	20.34		
20	16QAM	1	0	20.47	20.68	20.35	20.23		
20	16QAM	1	49	20.35	20.68	20.27	20.35		
20	16QAM	1	99	20.34	20.53	20.49	20.40		
20	16QAM	50	0	20.46	20.65	20.35	20.21		
20	16QAM	50	24	20.33	20.53	20.23	20.36		
20	16QAM	50	50	20.28	20.53	20.36	20.24		
20	16QAM	100	0	20.39	20.57	20.28	20.40		
20	64QAM	1	0	20.34	20.67	20.25	20.44		
20	64QAM	1	49	20.46	20.55	20.39	20.19		
20	64QAM	1	99	20.44	20.67	20.37	20.25		
20	64QAM	50	0	20.35	20.58	20.26	20.15		
20	64QAM	50	24	20.45	20.62	20.27	20.22		
20	64QAM	50	50	20.39	20.55	20.32	20.30		
20	64QAM	100	0	20.26	20.47	20.33	20.26		
20	256QAM	1	0	18.99	19.17	19.07	18.91		
20	256QAM	1	49	18.91	19.36	18.96	18.95	20	1.5
20	256QAM	1	99	18.89	19.34	18.99	19.05		
20	256QAM	50	0	19.14	19.31	18.92	19.01		
20	256QAM	50	24	19.08	19.38	19.02	18.90	20	1.5
20	256QAM	50	50	18.97	19.38	18.92	18.92		
20	256QAM	100	0	19.08	19.23	18.97	19.10		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.46	20.60	20.33	20.32	21.5	0
15	QPSK	1	37	20.37	20.52	20.33	20.35		
15	QPSK	1	74	20.25	20.53	20.31	20.17		
15	QPSK	36	0	20.39	20.62	20.26	20.36		
15	QPSK	36	20	20.35	20.61	20.26	20.41		
15	QPSK	36	39	20.46	20.56	20.40	20.15		
15	QPSK	75	0	20.44	20.64	20.41	20.31		
15	16QAM	1	0	20.37	20.59	20.29	20.14		
15	16QAM	1	37	20.24	20.62	20.25	20.23		
15	16QAM	1	74	20.30	20.48	20.36	20.30		
15	16QAM	36	0	20.40	20.51	20.32	20.17		
15	16QAM	36	20	20.27	20.40	20.11	20.27		
15	16QAM	36	39	20.16	20.42	20.31	20.20		
15	16QAM	75	0	20.37	20.44	20.14	20.28		
15	64QAM	1	0	20.30	20.20	20.12	20.34		
15	64QAM	1	37	20.37	20.53	20.31	20.09		
15	64QAM	1	74	20.40	20.12	20.29	20.13		
15	64QAM	36	0	20.25	20.45	20.18	20.02		
15	64QAM	36	20	20.39	20.50	20.17	20.15		
15	64QAM	36	39	20.30	20.41	20.19	20.18		
15	64QAM	75	0	20.24	20.43	20.25	20.24		
15	256QAM	1	0	18.88	19.07	19.01	18.99		
15	256QAM	1	37	18.80	19.28	18.95	18.89	20	1.5
15	256QAM	1	74	18.95	19.30	18.92	18.95		
15	256QAM	36	0	19.05	19.24	18.81	18.93		
15	256QAM	36	20	19.03	19.28	18.97	18.81	20	1.5
15	256QAM	36	39	18.91	19.31	18.81	18.83		
15	256QAM	75	0	18.96	19.19	18.91	19.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.49	20.61	20.32	20.24	21.5	0
10	QPSK	1	25	20.30	20.61	20.27	20.34		
10	QPSK	1	49	20.30	20.48	20.38	20.25		
10	QPSK	25	0	20.44	20.66	20.26	20.35		
10	QPSK	25	12	20.35	20.61	20.24	20.46		
10	QPSK	25	25	20.46	20.57	20.38	20.18		
10	QPSK	50	0	20.46	20.67	20.32	20.26		
10	16QAM	1	0	20.34	20.58	20.27	20.13		
10	16QAM	1	25	20.23	20.58	20.13	20.31		
10	16QAM	1	49	20.21	20.47	20.43	20.26		
10	16QAM	25	0	20.35	20.20	20.32	20.07		
10	16QAM	25	12	20.27	20.20	20.10	20.33		
10	16QAM	25	25	20.21	20.20	20.24	20.20		
10	16QAM	50	0	20.31	20.53	20.20	20.26		
10	64QAM	1	0	20.24	20.56	20.20	20.32		
10	64QAM	1	25	20.42	20.47	20.28	20.16		
10	64QAM	1	49	20.42	20.59	20.29	20.13		
10	64QAM	25	0	20.24	20.45	20.17	20.05		
10	64QAM	25	12	20.42	20.50	20.15	20.14		
10	64QAM	25	25	20.36	20.51	20.27	20.25		
10	64QAM	50	0	20.19	20.39	20.29	20.18		
10	256QAM	1	0	18.92	19.13	18.95	18.85		
10	256QAM	1	25	18.82	19.28	18.87	18.86	20	1.5
10	256QAM	1	49	18.83	19.28	18.92	18.94		
10	256QAM	25	0	19.03	19.22	18.86	18.92		
10	256QAM	25	12	18.99	19.27	18.98	18.81	20	1.5
10	256QAM	25	25	18.85	19.28	18.84	18.88		
10	256QAM	50	0	18.99	19.13	18.90	19.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.54	20.62	20.30	20.26	21.5	0
5	QPSK	1	12	20.28	20.55	20.26	20.31		
5	QPSK	1	24	20.30	20.47	20.30	20.16		
5	QPSK	12	0	20.50	20.58	20.28	20.41		
5	QPSK	12	7	20.29	20.63	20.21	20.38		
5	QPSK	12	13	20.44	20.51	20.28	20.15		
5	QPSK	25	0	20.38	20.68	20.31	20.21		
5	16QAM	1	0	20.34	20.46	20.26	20.13		
5	16QAM	1	12	20.28	20.46	20.21	20.22		
5	16QAM	1	24	20.24	20.50	20.44	20.32		
5	16QAM	12	0	20.32	20.52	20.32	20.07		
5	16QAM	12	7	20.24	20.41	20.13	20.23		
5	16QAM	12	13	20.14	20.42	20.26	20.11		
5	16QAM	25	0	20.25	20.44	20.16	20.26		
5	64QAM	1	0	20.32	20.54	20.14	20.30		
5	64QAM	1	12	20.39	20.48	20.30	20.14		
5	64QAM	1	24	20.37	20.64	20.29	20.22		
5	64QAM	12	0	20.22	20.45	20.23	20.03		
5	64QAM	12	7	20.35	20.46	20.22	20.12		
5	64QAM	12	13	20.29	20.44	20.26	20.25		
5	64QAM	25	0	20.20	20.40	20.24	20.24		
5	256QAM	1	0	18.90	19.09	18.96	18.86		
5	256QAM	1	12	18.83	19.28	18.88	18.87	20	1.5
5	256QAM	1	24	18.85	19.27	18.94	18.95		
5	256QAM	12	0	19.08	19.22	18.95	18.89		
5	256QAM	12	7	18.98	19.33	18.93	18.95	20	1.5
5	256QAM	12	13	18.95	19.28	18.93	18.86		
5	256QAM	25	0	19.01	19.14	18.87	18.98		

Reduced Power Mode for Other PA DSI6

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.12	20.26	19.80	21.3	0
20	QPSK	1	49	19.98	20.13	19.91		
20	QPSK	1	99	19.86	20.06	19.82		
20	QPSK	50	0	19.93	20.21	19.90	21.3	0
20	QPSK	50	24	19.83	20.14	20.00		
20	QPSK	50	50	19.94	20.15	19.87		
20	QPSK	100	0	19.91	20.10	19.86		
20	16QAM	1	0	19.88	20.12	19.81	21.3	0
20	16QAM	1	49	19.96	20.19	19.90		
20	16QAM	1	99	19.85	20.04	19.80		
20	16QAM	50	0	19.88	20.10	19.82	21.3	0
20	16QAM	50	24	19.78	19.96	19.73		
20	16QAM	50	50	19.81	20.09	19.84		
20	16QAM	100	0	19.94	20.10	19.87		
20	64QAM	1	0	19.76	20.01	19.70	21.3	0
20	64QAM	1	49	19.86	20.11	19.79		
20	64QAM	1	99	19.95	20.11	19.78		
20	64QAM	50	0	19.78	19.92	19.70	21.3	0
20	64QAM	50	24	19.93	20.09	19.77		
20	64QAM	50	50	19.81	19.98	19.73		
20	64QAM	100	0	19.85	20.16	19.84		
20	256QAM	1	0	18.41	18.73	18.49	20	1.3
20	256QAM	1	49	18.42	18.78	18.50		
20	256QAM	1	99	18.58	18.82	18.47		
20	256QAM	50	0	18.46	18.71	18.55	20	1.3
20	256QAM	50	24	18.44	18.65	18.37		
20	256QAM	50	50	18.48	18.67	18.40		
20	256QAM	100	0	18.46	18.72	18.53		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.04	20.05	19.67	21.3	0
15	QPSK	1	37	19.87	20.08	19.88		
15	QPSK	1	74	19.84	20.04	19.68		
15	QPSK	36	0	19.82	20.08	19.85	21.3	0
15	QPSK	36	20	19.79	20.10	19.92		
15	QPSK	36	39	19.85	20.06	19.82		
15	QPSK	75	0	19.85	20.03	19.75		
15	16QAM	1	0	19.76	20.02	19.77	21.3	0
15	16QAM	1	37	19.83	20.13	19.79		
15	16QAM	1	74	19.82	19.97	19.68		
15	16QAM	36	0	19.78	20.01	19.73	21.3	0
15	16QAM	36	20	19.65	19.87	19.60		
15	16QAM	36	39	19.78	20.03	19.75		
15	16QAM	75	0	19.90	19.97	19.74		
15	64QAM	1	0	19.64	19.90	19.62	21.3	0
15	64QAM	1	37	19.77	20.09	19.75		
15	64QAM	1	74	19.83	20.04	19.66		
15	64QAM	36	0	19.70	19.87	19.67	21.3	0
15	64QAM	36	20	19.85	19.98	19.71		
15	64QAM	36	39	19.69	19.88	19.66		
15	64QAM	75	0	19.83	20.02	19.70		
15	256QAM	1	0	18.30	18.60	18.45	20	1.3
15	256QAM	1	37	18.35	18.64	18.39		
15	256QAM	1	74	18.51	18.75	18.36		
15	256QAM	36	0	18.36	18.65	18.46	20	1.3
15	256QAM	36	20	18.42	18.57	18.28		
15	256QAM	36	39	18.43	18.54	18.29		
15	256QAM	75	0	18.33	18.69	18.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.02	20.22	19.72	21.3	0
10	QPSK	1	25	19.91	20.10	19.82		
10	QPSK	1	49	19.80	19.95	19.78		
10	QPSK	25	0	19.86	20.10	19.85	21.3	0
10	QPSK	25	12	19.77	20.06	19.88		
10	QPSK	25	25	19.86	20.13	19.84		
10	QPSK	50	0	19.79	20.02	19.72		
10	16QAM	1	0	19.77	20.03	19.72	21.3	0
10	16QAM	1	25	19.84	20.09	19.76		
10	16QAM	1	49	19.72	19.95	19.76		
10	16QAM	25	0	19.75	19.98	19.79	21.3	0
10	16QAM	25	12	19.71	19.90	19.67		
10	16QAM	25	25	19.72	20.03	19.77		
10	16QAM	50	0	19.86	19.99	19.80		
10	64QAM	1	0	19.72	19.95	19.56	21.3	0
10	64QAM	1	25	19.78	19.98	19.73		
10	64QAM	1	49	19.82	20.01	19.74		
10	64QAM	25	0	19.65	19.83	19.62	21.3	0
10	64QAM	25	12	19.82	19.96	19.68		
10	64QAM	25	25	19.71	19.95	19.59		
10	64QAM	50	0	19.73	20.10	19.73		
10	256QAM	1	0	18.39	18.71	18.45	20	1.3
10	256QAM	1	25	18.38	18.66	18.44		
10	256QAM	1	49	18.48	18.69	18.35		
10	256QAM	25	0	18.44	18.63	18.43	20	1.3
10	256QAM	25	12	18.31	18.53	18.33		
10	256QAM	25	25	18.42	18.55	18.36		
10	256QAM	50	0	18.37	18.62	18.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.04	20.16	19.67	21.3	0
5	QPSK	1	12	19.87	20.06	19.80		
5	QPSK	1	24	19.80	19.97	19.77		
5	QPSK	12	0	19.85	20.12	19.77	21.3	0
5	QPSK	12	7	19.73	20.00	19.94		
5	QPSK	12	13	19.89	20.05	19.73		
5	QPSK	25	0	19.86	20.02	19.82		
5	16QAM	1	0	19.86	19.98	19.74	21.3	0
5	16QAM	1	12	19.88	20.06	19.84		
5	16QAM	1	24	19.75	19.96	19.72		
5	16QAM	12	0	19.81	19.98	19.74	21.3	0
5	16QAM	12	7	19.66	19.85	19.68		
5	16QAM	12	13	19.69	19.98	19.75		
5	16QAM	25	0	19.89	20.06	19.82		
5	64QAM	1	0	19.64	19.88	19.58	21.3	0
5	64QAM	1	12	19.83	20.06	19.69		
5	64QAM	1	24	19.86	20.00	19.70		
5	64QAM	12	0	19.74	19.87	19.60	21.3	0
5	64QAM	12	7	19.84	19.96	19.68		
5	64QAM	12	13	19.74	19.92	19.68		
5	64QAM	25	0	19.78	20.04	19.70		
5	256QAM	1	0	18.32	18.63	18.38	20	1.3
5	256QAM	1	12	18.40	18.70	18.39		
5	256QAM	1	24	18.56	18.80	18.37		
5	256QAM	12	0	18.33	18.66	18.43	20	1.3
5	256QAM	12	7	18.33	18.58	18.29		
5	256QAM	12	13	18.43	18.54	18.33		
5	256QAM	25	0	18.34	18.67	18.41		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.04	20.00	19.68	21.3	0
3	QPSK	1	8	19.90	20.08	19.78		
3	QPSK	1	14	19.77	20.00	19.76		
3	QPSK	8	0	19.85	20.15	19.85	21.3	0
3	QPSK	8	4	19.72	20.11	19.96		
3	QPSK	8	7	19.81	20.12	19.83		
3	QPSK	15	0	19.81	20.03	19.73		
3	16QAM	1	0	19.84	20.02	19.72	21.3	0
3	16QAM	1	8	19.87	20.07	19.80		
3	16QAM	1	14	19.73	19.99	19.75		
3	16QAM	8	0	19.75	19.99	19.79	21.3	0
3	16QAM	8	4	19.75	19.93	19.65		
3	16QAM	8	7	19.78	19.99	19.74		
3	16QAM	15	0	19.91	19.99	19.79		
3	64QAM	1	0	19.66	19.88	19.62	21.3	0
3	64QAM	1	8	19.78	19.98	19.73		
3	64QAM	1	14	19.92	20.07	19.71		
3	64QAM	8	0	19.73	19.87	19.65	21.3	0
3	64QAM	8	4	19.89	20.03	19.71		
3	64QAM	8	7	19.69	19.86	19.69		
3	64QAM	15	0	19.83	20.12	19.79		
3	256QAM	1	0	18.30	18.60	18.38	20	1.3
3	256QAM	1	8	18.38	18.71	18.37		
3	256QAM	1	14	18.48	18.74	18.34		
3	256QAM	8	0	18.44	18.59	18.48	20	1.3
3	256QAM	8	4	18.38	18.58	18.35		
3	256QAM	8	7	18.43	18.54	18.33		
3	256QAM	15	0	18.39	18.67	18.50		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.06	20.17	19.78	21.3	0
1.4	QPSK	1	3	19.92	20.01	19.77		
1.4	QPSK	1	5	19.77	19.93	19.76		
1.4	QPSK	3	0	19.87	20.19	19.85		
1.4	QPSK	3	1	19.80	20.03	19.91		
1.4	QPSK	3	3	19.88	20.11	19.75		
1.4	QPSK	6	0	19.80	19.97	19.74	21.3	0
1.4	16QAM	1	0	19.78	20.07	19.72	21.3	0
1.4	16QAM	1	3	19.89	20.14	19.80		
1.4	16QAM	1	5	19.76	19.96	19.67		
1.4	16QAM	3	0	19.78	20.02	19.69		
1.4	16QAM	3	1	19.68	19.91	19.65		
1.4	16QAM	3	3	19.76	20.05	19.80		
1.4	16QAM	6	0	19.83	20.02	19.82	21.3	0
1.4	64QAM	1	0	19.67	19.98	19.61	21.3	0
1.4	64QAM	1	3	19.79	20.02	19.70		
1.4	64QAM	1	5	19.83	20.02	19.73		
1.4	64QAM	3	0	19.68	19.83	19.60		
1.4	64QAM	3	1	19.81	19.95	19.70		
1.4	64QAM	3	3	19.67	19.85	19.65		
1.4	64QAM	6	0	19.81	20.02	19.73	21.3	0
1.4	256QAM	1	0	18.45	18.60	18.44	20	1.3
1.4	256QAM	1	3	18.52	18.83	18.46		
1.4	256QAM	1	5	18.39	18.56	18.47		
1.4	256QAM	3	0	18.39	18.68	18.51		
1.4	256QAM	3	1	18.42	18.66	18.43		
1.4	256QAM	3	3	18.63	18.52	18.38		
1.4	256QAM	6	0	18.34	18.81	18.39	20	1.3

Band 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.42	20.51	20.32	22	0
20	QPSK	1	49	20.14	20.21	20.12		
20	QPSK	1	99	20.27	20.15	20.17		
20	QPSK	50	0	20.29	20.44	20.12	22	0
20	QPSK	50	24	20.16	20.26	20.10		
20	QPSK	50	50	20.01	20.20	20.14		
20	QPSK	100	0	20.22	20.25	20.18		
20	16QAM	1	0	20.09	20.39	20.04	22	0
20	16QAM	1	49	20.14	20.10	20.13		
20	16QAM	1	99	20.18	20.27	20.18		
20	16QAM	50	0	20.07	20.18	20.12	22	0
20	16QAM	50	24	20.29	20.10	20.13		
20	16QAM	50	50	20.22	20.39	20.10		
20	16QAM	100	0	20.13	20.18	20.13		
20	64QAM	1	0	20.19	20.02	20.01	22	0
20	64QAM	1	49	20.02	20.19	20.06		
20	64QAM	1	99	20.09	20.04	20.13		
20	64QAM	50	0	20.09	20.11	20.15	22	0
20	64QAM	50	24	20.02	20.13	20.14		
20	64QAM	50	50	20.30	20.05	20.14		
20	64QAM	100	0	20.09	20.43	20.05		
20	256QAM	1	0	19.34	19.61	19.51	20	2
20	256QAM	1	49	19.47	19.43	19.52		
20	256QAM	1	99	19.33	19.42	19.42		
20	256QAM	50	0	19.26	19.46	19.35	20	2
20	256QAM	50	24	19.35	19.34	19.55		
20	256QAM	50	50	19.42	19.42	19.51		
20	256QAM	100	0	19.40	19.58	19.51		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.37	20.45	20.19	22	0
15	QPSK	1	37	20.11	20.13	20.05		
15	QPSK	1	74	20.15	20.01	20.06		
15	QPSK	36	0	20.17	20.32	20.04	22	0
15	QPSK	36	20	20.02	20.14	20.02		
15	QPSK	36	39	20.06	20.13	20.10		
15	QPSK	75	0	20.17	20.17	20.16		
15	16QAM	1	0	20.04	20.29	20.06	22	0
15	16QAM	1	37	20.04	20.07	20.10		
15	16QAM	1	74	20.07	20.25	20.15		
15	16QAM	36	0	20.02	20.13	20.08	22	0
15	16QAM	36	20	20.25	20.08	20.05		
15	16QAM	36	39	20.18	20.32	20.03		
15	16QAM	75	0	20.01	20.15	20.01		
15	64QAM	1	0	20.08	20.17	20.06	22	0
15	64QAM	1	37	20.06	20.08	20.06		
15	64QAM	1	74	20.00	20.06	20.10		
15	64QAM	36	0	20.00	20.02	20.17	22	0
15	64QAM	36	20	20.06	20.01	20.04		
15	64QAM	36	39	20.27	20.17	20.03		
15	64QAM	75	0	20.03	20.30	20.17		
15	256QAM	1	0	19.26	19.58	19.39	20	2
15	256QAM	1	37	19.41	19.35	19.46		
15	256QAM	1	74	19.24	19.29	19.39		
15	256QAM	36	0	19.19	19.35	19.22	20	2
15	256QAM	36	20	19.27	19.27	19.42		
15	256QAM	36	39	19.33	19.38	19.44		
15	256QAM	75	0	19.27	19.47	19.44		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.28	20.38	20.29	22	0
10	QPSK	1	25	20.07	20.12	20.14		
10	QPSK	1	49	20.20	20.11	20.06		
10	QPSK	25	0	20.18	20.40	20.03	22	0
10	QPSK	25	12	20.04	20.21	20.07		
10	QPSK	25	25	20.14	20.11	20.03		
10	QPSK	50	0	20.18	20.14	20.12		
10	16QAM	1	0	20.02	20.34	20.17	22	0
10	16QAM	1	25	20.06	20.08	20.17		
10	16QAM	1	49	20.08	20.16	20.06		
10	16QAM	25	0	20.00	20.15	20.08	22	0
10	16QAM	25	12	20.17	20.01	20.11		
10	16QAM	25	25	20.18	20.25	20.14		
10	16QAM	50	0	20.06	20.11	20.03		
10	64QAM	1	0	20.14	20.14	20.03	22	0
10	64QAM	1	25	20.17	20.10	20.03		
10	64QAM	1	49	20.06	20.17	20.06		
10	64QAM	25	0	20.03	20.03	20.06	22	0
10	64QAM	25	12	20.17	20.06	20.04		
10	64QAM	25	25	20.24	20.06	20.04		
10	64QAM	50	0	20.05	20.33	20.06		
10	256QAM	1	0	19.31	19.54	19.47	20	2
10	256QAM	1	25	19.37	19.38	19.49		
10	256QAM	1	49	19.24	19.36	19.31		
10	256QAM	25	0	19.24	19.37	19.31	20	2
10	256QAM	25	12	19.31	19.24	19.53		
10	256QAM	25	25	19.29	19.33	19.47		
10	256QAM	50	0	19.30	19.49	19.40		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.29	20.39	20.21	22	0
5	QPSK	1	12	20.12	20.08	20.00		
5	QPSK	1	24	20.24	20.09	20.12		
5	QPSK	12	0	20.22	20.31	20.07	22	0
5	QPSK	12	7	20.12	20.17	20.17		
5	QPSK	12	13	20.17	20.09	20.06		
5	QPSK	25	0	20.10	20.19	20.11		
5	16QAM	1	0	20.03	20.36	20.04	22	0
5	16QAM	1	12	20.10	20.01	20.07		
5	16QAM	1	24	20.06	20.18	20.13		
5	16QAM	12	0	20.01	20.13	20.00	22	0
5	16QAM	12	7	20.16	20.04	20.08		
5	16QAM	12	13	20.18	20.35	20.00		
5	16QAM	25	0	20.09	20.09	20.03		
5	64QAM	1	0	20.07	20.17	20.04	22	0
5	64QAM	1	12	20.04	20.08	20.03		
5	64QAM	1	24	20.06	20.02	20.03		
5	64QAM	12	0	20.01	20.02	20.03	22	0
5	64QAM	12	7	20.17	20.09	20.03		
5	64QAM	12	13	20.18	20.03	20.06		
5	64QAM	25	0	20.17	20.31	20.02		
5	256QAM	1	0	19.21	19.54	19.47	20	2
5	256QAM	1	12	19.42	19.33	19.41		
5	256QAM	1	24	19.24	19.39	19.31		
5	256QAM	12	0	19.12	19.35	19.30	20	2
5	256QAM	12	7	19.32	19.24	19.46		
5	256QAM	12	13	19.40	19.39	19.41		
5	256QAM	25	0	19.26	19.55	19.40		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.37	20.37	20.23	22	0
3	QPSK	1	8	20.01	20.09	20.03		
3	QPSK	1	14	20.16	20.05	20.03		
3	QPSK	8	0	20.15	20.33	20.09	22	0
3	QPSK	8	4	20.11	20.21	20.05		
3	QPSK	8	7	20.05	20.15	20.12		
3	QPSK	15	0	20.11	20.22	20.15		
3	16QAM	1	0	20.06	20.27	20.05	22	0
3	16QAM	1	8	20.02	20.04	20.09		
3	16QAM	1	14	20.14	20.20	20.10		
3	16QAM	8	0	20.05	20.05	20.09	22	0
3	16QAM	8	4	20.21	20.05	20.05		
3	16QAM	8	7	20.12	20.25	20.05		
3	16QAM	15	0	20.05	20.14	20.07		
3	64QAM	1	0	20.12	20.11	20.11	22	0
3	64QAM	1	8	20.04	20.06	20.01		
3	64QAM	1	14	20.06	20.11	20.04		
3	64QAM	8	0	20.05	20.04	20.04	22	0
3	64QAM	8	4	20.11	20.09	20.03		
3	64QAM	8	7	20.21	20.04	20.05		
3	64QAM	15	0	20.00	20.36	20.04		
3	256QAM	1	0	19.24	19.48	19.42	20	2
3	256QAM	1	8	19.42	19.41	19.46		
3	256QAM	1	14	19.25	19.38	19.32		
3	256QAM	8	0	19.18	19.40	19.21	20	2
3	256QAM	8	4	19.24	19.20	19.47		
3	256QAM	8	7	19.34	19.39	19.38		
3	256QAM	15	0	19.32	19.47	19.41		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.31	20.40	20.29	22	0
1.4	QPSK	1	3	20.10	20.17	20.09		
1.4	QPSK	1	5	20.25	20.12	20.09		
1.4	QPSK	3	0	20.25	20.30	20.01		
1.4	QPSK	3	1	20.06	20.12	20.07		
1.4	QPSK	3	3	20.09	20.07	20.08		
1.4	QPSK	6	0	20.11	20.21	20.13	22	0
1.4	16QAM	1	0	20.05	20.34	20.25	22	0
1.4	16QAM	1	3	20.12	20.04	20.03		
1.4	16QAM	1	5	20.10	20.17	20.04		
1.4	16QAM	3	0	20.09	20.11	20.07		
1.4	16QAM	3	1	20.20	20.00	20.09		
1.4	16QAM	3	3	20.17	20.30	20.08		
1.4	16QAM	6	0	20.11	20.07	20.11	22	0
1.4	64QAM	1	0	20.13	20.09	20.00	22	0
1.4	64QAM	1	3	20.09	20.15	20.03		
1.4	64QAM	1	5	20.05	20.00	20.11		
1.4	64QAM	3	0	20.07	20.00	20.25		
1.4	64QAM	3	1	20.25	20.00	20.11		
1.4	64QAM	3	3	20.25	20.11	20.08		
1.4	64QAM	6	0	20.03	20.37	20.01	22	0
1.4	256QAM	1	0	19.29	19.18	19.33	20	2
1.4	256QAM	1	3	19.27	19.45	19.27		
1.4	256QAM	1	5	19.33	19.43	19.19		
1.4	256QAM	3	0	19.25	19.34	19.30		
1.4	256QAM	3	1	19.09	19.19	19.46		
1.4	256QAM	3	3	19.16	19.43	19.30		
1.4	256QAM	6	0	19.16	19.32	19.44	20	2

Band 66

BW [MHz]	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	20.45	20.57	20.40	22	0
20	QPSK	1	49	20.27	20.28	20.22		
20	QPSK	1	99	20.39	20.26	20.28		
20	QPSK	50	0	20.33	20.47	20.14	22	0
20	QPSK	50	24	20.29	20.28	20.17		
20	QPSK	50	50	20.10	20.30	20.25		
20	QPSK	100	0	20.24	20.34	20.23		
20	16QAM	1	0	20.22	20.44	20.08	22	0
20	16QAM	1	49	20.21	20.17	20.21		
20	16QAM	1	99	20.23	20.34	20.29		
20	16QAM	50	0	20.12	20.30	20.19	22	0
20	16QAM	50	24	20.34	20.15	20.16		
20	16QAM	50	50	20.34	20.43	20.13		
20	16QAM	100	0	20.21	20.25	20.17		
20	64QAM	1	0	20.28	20.14	20.12	22	0
20	64QAM	1	49	20.14	20.31	20.11		
20	64QAM	1	99	20.19	20.15	20.18		
20	64QAM	50	0	20.21	20.19	20.12	22	0
20	64QAM	50	24	20.13	20.24	20.18		
20	64QAM	50	50	20.35	20.11	20.19		
20	64QAM	100	0	20.18	20.46	20.12		
20	256QAM	1	0	19.23	19.19	19.02	20	2
20	256QAM	1	49	19.17	19.38	19.17		
20	256QAM	1	99	19.26	19.19	19.06		
20	256QAM	50	0	19.35	19.13	19.05	20	2
20	256QAM	50	24	19.17	19.28	18.98		
20	256QAM	50	50	19.17	19.18	19.06		
20	256QAM	100	0	19.23	19.22	19.25		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.14	20.25	20.17	22	0
15	QPSK	1	37	19.90	20.06	19.94		
15	QPSK	1	74	20.04	19.95	19.97		
15	QPSK	36	0	20.03	20.13	19.96	22	0
15	QPSK	36	20	19.90	19.96	19.96		
15	QPSK	36	39	19.91	20.09	19.98		
15	QPSK	75	0	19.92	20.01	19.92		
15	16QAM	1	0	20.03	20.19	19.77	22	0
15	16QAM	1	37	19.96	19.97	19.82		
15	16QAM	1	74	20.00	20.05	20.00		
15	16QAM	36	0	19.84	20.06	19.89	22	0
15	16QAM	36	20	20.02	19.93	19.87		
15	16QAM	36	39	19.99	20.09	19.82		
15	16QAM	75	0	19.83	19.93	19.83		
15	64QAM	1	0	19.93	19.85	19.86	22	0
15	64QAM	1	37	19.85	20.11	19.85		
15	64QAM	1	74	19.90	19.87	19.83		
15	64QAM	36	0	19.94	19.81	19.88	22	0
15	64QAM	36	20	19.94	19.95	19.98		
15	64QAM	36	39	20.03	19.81	19.88		
15	64QAM	75	0	19.94	20.17	19.81		
15	256QAM	1	0	19.18	19.15	18.97	20	2
15	256QAM	1	37	19.13	19.30	19.12		
15	256QAM	1	74	19.17	19.11	18.96		
15	256QAM	36	0	19.29	19.09	18.94	20	2
15	256QAM	36	20	19.12	19.18	18.91		
15	256QAM	36	39	19.03	19.14	18.96		
15	256QAM	75	0	19.18	19.17	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.16	20.25	20.17	22	0
10	QPSK	1	25	19.97	20.11	19.91		
10	QPSK	1	49	20.04	19.91	19.95		
10	QPSK	25	0	20.00	20.15	19.95	22	0
10	QPSK	25	12	19.95	20.00	19.96		
10	QPSK	25	25	19.83	20.00	19.97		
10	QPSK	50	0	19.95	20.11	19.91		
10	16QAM	1	0	20.02	20.07	19.85	22	0
10	16QAM	1	25	19.92	19.94	19.83		
10	16QAM	1	49	20.04	20.02	20.01		
10	16QAM	25	0	19.86	20.01	19.86	22	0
10	16QAM	25	12	20.06	19.96	19.96		
10	16QAM	25	25	20.04	20.14	19.90		
10	16QAM	50	0	19.90	19.89	19.91		
10	64QAM	1	0	19.92	19.89	19.85	22	0
10	64QAM	1	25	19.93	20.11	19.90		
10	64QAM	1	49	19.90	19.92	19.89		
10	64QAM	25	0	19.90	19.86	19.83	22	0
10	64QAM	25	12	19.92	19.97	19.90		
10	64QAM	25	25	20.04	19.80	19.90		
10	64QAM	50	0	19.97	20.16	19.83		
10	256QAM	1	0	19.12	19.13	18.97	20	2
10	256QAM	1	25	19.08	19.30	19.11		
10	256QAM	1	49	19.19	19.07	18.96		
10	256QAM	25	0	19.26	19.09	18.97	20	2
10	256QAM	25	12	19.12	19.23	18.95		
10	256QAM	25	25	19.06	19.11	19.01		
10	256QAM	50	0	19.20	19.13	19.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.16	20.26	20.11	22	0
5	QPSK	1	12	19.91	20.12	19.96		
5	QPSK	1	24	20.08	19.90	19.93		
5	QPSK	12	0	19.99	20.11	19.91	22	0
5	QPSK	12	7	20.00	19.95	19.99		
5	QPSK	12	13	19.89	19.99	19.93		
5	QPSK	25	0	19.86	20.12	19.90		
5	16QAM	1	0	20.00	20.18	19.78	22	0
5	16QAM	1	12	19.92	19.96	19.82		
5	16QAM	1	24	19.94	19.96	20.04		
5	16QAM	12	0	19.86	19.98	19.88	22	0
5	16QAM	12	7	20.01	19.86	19.91		
5	16QAM	12	13	20.01	20.10	19.88		
5	16QAM	25	0	19.83	19.93	19.93		
5	64QAM	1	0	19.98	19.83	19.90	22	0
5	64QAM	1	12	19.89	20.11	19.89		
5	64QAM	1	24	19.97	19.97	19.80		
5	64QAM	12	0	19.99	19.84	19.87	22	0
5	64QAM	12	7	19.92	19.98	19.91		
5	64QAM	12	13	20.02	19.79	19.97		
5	64QAM	25	0	19.94	20.14	19.81		
5	256QAM	1	0	19.12	19.08	18.94	20	2
5	256QAM	1	12	19.06	19.26	19.12		
5	256QAM	1	24	19.13	19.15	19.04		
5	256QAM	12	0	19.24	19.01	18.98	20	2
5	256QAM	12	7	19.15	19.15	18.89		
5	256QAM	12	13	19.06	19.06	18.95		
5	256QAM	25	0	19.19	19.19	19.17		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.14	20.28	20.11	22	0
3	QPSK	1	8	19.96	20.04	19.89		
3	QPSK	1	14	20.06	20.01	19.96		
3	QPSK	8	0	20.07	20.14	19.95	22	0
3	QPSK	8	4	19.97	20.00	19.93		
3	QPSK	8	7	19.84	20.09	19.97		
3	QPSK	15	0	19.89	20.10	19.94		
3	16QAM	1	0	19.99	20.19	19.81	22	0
3	16QAM	1	8	19.96	19.96	19.89		
3	16QAM	1	14	19.95	20.07	20.07		
3	16QAM	8	0	19.91	20.05	19.86	22	0
3	16QAM	8	4	20.06	19.85	19.96		
3	16QAM	8	7	20.05	20.15	19.93		
3	16QAM	15	0	19.86	19.95	19.88		
3	64QAM	1	0	19.97	19.82	19.80	22	0
3	64QAM	1	8	19.90	20.04	19.89		
3	64QAM	1	14	19.98	19.94	19.85		
3	64QAM	8	0	19.96	19.86	19.81	22	0
3	64QAM	8	4	19.84	19.98	19.89		
3	64QAM	8	7	20.03	19.82	19.88		
3	64QAM	15	0	19.90	20.10	19.79		
3	256QAM	1	0	19.18	19.12	18.97	20	2
3	256QAM	1	8	19.10	19.27	19.04		
3	256QAM	1	14	19.14	19.06	18.98		
3	256QAM	8	0	19.32	19.02	19.02	20	2
3	256QAM	8	4	19.14	19.15	18.86		
3	256QAM	8	7	19.09	19.14	18.94		
3	256QAM	15	0	19.11	19.19	19.17		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.18	20.29	20.16	22	0
1.4	QPSK	1	3	19.91	20.08	19.91		
1.4	QPSK	1	5	20.07	19.90	19.91		
1.4	QPSK	3	0	20.07	20.19	19.91		
1.4	QPSK	3	1	19.99	19.96	19.98		
1.4	QPSK	3	3	19.91	20.04	19.91		
1.4	QPSK	6	0	19.89	20.07	19.91	22	0
1.4	16QAM	1	0	20.03	20.16	19.77	22	0
1.4	16QAM	1	3	20.00	19.93	19.82		
1.4	16QAM	1	5	19.97	20.03	20.04		
1.4	16QAM	3	0	19.87	20.08	19.82		
1.4	16QAM	3	1	20.04	19.92	19.91		
1.4	16QAM	3	3	20.01	20.11	19.83		
1.4	16QAM	6	0	19.84	19.97	19.90	22	0
1.4	64QAM	1	0	19.89	19.85	19.80	22	0
1.4	64QAM	1	3	19.94	20.00	19.78		
1.4	64QAM	1	5	19.88	19.87	19.81		
1.4	64QAM	3	0	19.91	19.88	19.85		
1.4	64QAM	3	1	19.91	19.97	19.97		
1.4	64QAM	3	3	20.05	19.88	19.91		
1.4	64QAM	6	0	19.99	20.10	19.84	22	0
1.4	256QAM	1	0	19.15	19.04	19.06	20	2
1.4	256QAM	1	3	18.93	19.02	19.06		
1.4	256QAM	1	5	19.15	19.23	19.10		
1.4	256QAM	3	0	19.08	19.00	18.87		
1.4	256QAM	3	1	19.13	19.24	19.08		
1.4	256QAM	3	3	19.25	19.17	19.13		
1.4	256QAM	6	0	19.09	19.24	19.12	20	2

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.96	20.00	19.84	20.4	0
20	QPSK	1	49	19.67	19.91	19.77		
20	QPSK	1	99	19.81	19.77	19.78		
20	QPSK	50	0	19.82	19.97	19.90	20.4	0
20	QPSK	50	24	19.91	19.91	19.81		
20	QPSK	50	50	19.83	19.95	19.71		
20	QPSK	100	0	19.75	19.81	19.80		
20	16QAM	1	0	19.73	19.96	19.82	20.4	0
20	16QAM	1	49	19.85	19.88	19.91		
20	16QAM	1	99	19.78	19.85	19.70		
20	16QAM	50	0	19.84	19.92	19.82	20.4	0
20	16QAM	50	24	19.84	19.94	19.72		
20	16QAM	50	50	19.59	19.81	19.66		
20	16QAM	100	0	19.77	19.70	19.72		
20	64QAM	1	0	19.79	19.83	19.84	20.4	0
20	64QAM	1	49	19.83	19.88	19.71		
20	64QAM	1	99	19.79	19.89	19.63		
20	64QAM	50	0	19.66	19.72	19.76	20.4	0
20	64QAM	50	24	19.67	19.94	19.79		
20	64QAM	50	50	19.78	19.78	19.81		
20	64QAM	100	0	19.71	19.78	19.59		
20	256QAM	1	0	18.91	19.08	19.06	20	0.4
20	256QAM	1	49	19.03	19.09	19.05		
20	256QAM	1	99	18.97	19.10	18.77		
20	256QAM	50	0	19.02	19.05	18.84	20	0.4
20	256QAM	50	24	18.91	19.10	19.08		
20	256QAM	50	50	18.88	19.09	19.00		
20	256QAM	100	0	19.07	18.94	18.92		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.91	19.89	19.80	20.4	0
15	QPSK	1	37	19.55	19.88	19.72		
15	QPSK	1	74	19.77	19.67	19.65		
15	QPSK	36	0	19.79	19.91	19.87	20.4	0
15	QPSK	36	20	19.87	19.83	19.77		
15	QPSK	36	39	19.72	19.83	19.67		
15	QPSK	75	0	19.70	19.68	19.72		
15	16QAM	1	0	19.61	19.93	19.74	20.4	0
15	16QAM	1	37	19.81	19.81	19.86		
15	16QAM	1	74	19.66	19.78	19.64		
15	16QAM	36	0	19.76	19.82	19.72	20.4	0
15	16QAM	36	20	19.80	19.90	19.63		
15	16QAM	36	39	19.49	19.75	19.58		
15	16QAM	75	0	19.72	19.59	19.64		
15	64QAM	1	0	19.66	19.73	19.76	20.4	0
15	64QAM	1	37	19.80	19.79	19.67		
15	64QAM	1	74	19.72	19.82	19.57		
15	64QAM	36	0	19.60	19.65	19.74	20.4	0
15	64QAM	36	20	19.60	19.90	19.65		
15	64QAM	36	39	19.73	19.68	19.76		
15	64QAM	75	0	19.58	19.67	19.49		
15	256QAM	1	0	18.88	19.04	19.02	20	0.4
15	256QAM	1	37	18.98	18.99	19.01		
15	256QAM	1	74	18.89	18.99	18.64		
15	256QAM	36	0	18.91	18.99	18.73	20	0.4
15	256QAM	36	20	18.88	18.99	18.98		
15	256QAM	36	39	18.76	18.98	18.93		
15	256QAM	75	0	19.00	18.89	18.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.86	19.89	19.77	20.4	0
10	QPSK	1	25	19.62	19.79	19.74		
10	QPSK	1	49	19.73	19.67	19.66		
10	QPSK	25	0	19.73	19.87	19.87	20.4	0
10	QPSK	25	12	19.86	19.87	19.72		
10	QPSK	25	25	19.70	19.90	19.61		
10	QPSK	50	0	19.72	19.76	19.68		
10	16QAM	1	0	19.63	19.89	19.76	20.4	0
10	16QAM	1	25	19.74	19.77	19.85		
10	16QAM	1	49	19.66	19.83	19.67		
10	16QAM	25	0	19.75	19.84	19.68	20.4	0
10	16QAM	25	12	19.82	19.91	19.67		
10	16QAM	25	25	19.48	19.74	19.60		
10	16QAM	50	0	19.74	19.60	19.59		
10	64QAM	1	0	19.68	19.72	19.80	20.4	0
10	64QAM	1	25	19.79	19.84	19.63		
10	64QAM	1	49	19.75	19.79	19.50		
10	64QAM	25	0	19.53	19.60	19.62	20.4	0
10	64QAM	25	12	19.55	19.81	19.70		
10	64QAM	25	25	19.71	19.66	19.70		
10	64QAM	50	0	19.63	19.71	19.53		
10	256QAM	1	0	18.78	19.01	19.04	20	0.4
10	256QAM	1	25	18.96	19.02	19.02		
10	256QAM	1	49	18.88	18.97	18.64		
10	256QAM	25	0	18.93	19.02	18.71	20	0.4
10	256QAM	25	12	18.80	19.01	18.96		
10	256QAM	25	25	18.80	19.03	18.94		
10	256QAM	50	0	19.02	18.88	18.84		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.94	19.94	19.72	20.4	0
5	QPSK	1	12	19.63	19.85	19.67		
5	QPSK	1	24	19.73	19.73	19.76		
5	QPSK	12	0	19.75	19.86	19.79	20.4	0
5	QPSK	12	7	19.83	19.86	19.79		
5	QPSK	12	13	19.73	19.87	19.63		
5	QPSK	25	0	19.62	19.68	19.66		
5	16QAM	1	0	19.69	19.87	19.76	20.4	0
5	16QAM	1	12	19.79	19.81	19.82		
5	16QAM	1	24	19.66	19.81	19.57		
5	16QAM	12	0	19.82	19.85	19.73	20.4	0
5	16QAM	12	7	19.77	19.88	19.62		
5	16QAM	12	13	19.57	19.73	19.55		
5	16QAM	25	0	19.64	19.61	19.66		
5	64QAM	1	0	19.74	19.78	19.78	20.4	0
5	64QAM	1	12	19.75	19.76	19.59		
5	64QAM	1	24	19.71	19.77	19.60		
5	64QAM	12	0	19.63	19.67	19.65	20.4	0
5	64QAM	12	7	19.54	19.90	19.65		
5	64QAM	12	13	19.65	19.72	19.68		
5	64QAM	25	0	19.62	19.68	19.55		
5	256QAM	1	0	18.88	19.05	18.96	20	0.4
5	256QAM	1	12	18.99	18.95	19.01		
5	256QAM	1	24	18.88	18.96	18.71		
5	256QAM	12	0	18.99	18.99	18.73	20	0.4
5	256QAM	12	7	18.80	19.01	18.98		
5	256QAM	12	13	18.86	18.96	18.86		
5	256QAM	25	0	19.03	18.91	18.83		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.88	19.96	19.72	20.4	0
3	QPSK	1	8	19.65	19.81	19.70		
3	QPSK	1	14	19.71	19.74	19.65		
3	QPSK	8	0	19.69	19.95	19.85	20.4	0
3	QPSK	8	4	19.86	19.88	19.75		
3	QPSK	8	7	19.71	19.82	19.57		
3	QPSK	15	0	19.64	19.74	19.69		
3	16QAM	1	0	19.69	19.94	19.70	20.4	0
3	16QAM	1	8	19.72	19.76	19.85		
3	16QAM	1	14	19.71	19.78	19.62		
3	16QAM	8	0	19.78	19.83	19.73	20.4	0
3	16QAM	8	4	19.77	19.85	19.62		
3	16QAM	8	7	19.56	19.72	19.59		
3	16QAM	15	0	19.67	19.63	19.69		
3	64QAM	1	0	19.70	19.69	19.72	20.4	0
3	64QAM	1	8	19.72	19.77	19.68		
3	64QAM	1	14	19.66	19.79	19.54		
3	64QAM	8	0	19.61	19.62	19.66	20.4	0
3	64QAM	8	4	19.57	19.90	19.73		
3	64QAM	8	7	19.75	19.71	19.72		
3	64QAM	15	0	19.62	19.69	19.49		
3	256QAM	1	0	18.81	19.04	18.99	20	0.4
3	256QAM	1	8	18.91	19.04	18.99		
3	256QAM	1	14	18.91	18.99	18.74		
3	256QAM	8	0	18.98	18.96	18.81	20	0.4
3	256QAM	8	4	18.89	19.05	18.95		
3	256QAM	8	7	18.75	19.04	18.92		
3	256QAM	15	0	18.96	18.84	18.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.90	19.91	19.80	20.4	0
1.4	QPSK	1	3	19.54	19.81	19.65		
1.4	QPSK	1	5	19.78	19.73	19.68		
1.4	QPSK	3	0	19.78	19.85	19.83		
1.4	QPSK	3	1	19.86	19.85	19.75		
1.4	QPSK	3	3	19.71	19.91	19.67		
1.4	QPSK	6	0	19.63	19.74	19.74	20.4	0
1.4	16QAM	1	0	19.62	19.86	19.71	20.4	0
1.4	16QAM	1	3	19.79	19.80	19.84		
1.4	16QAM	1	5	19.68	19.72	19.59		
1.4	16QAM	3	0	19.78	19.81	19.79		
1.4	16QAM	3	1	19.71	19.84	19.67		
1.4	16QAM	3	3	19.51	19.69	19.63		
1.4	16QAM	6	0	19.69	19.61	19.67	20.4	0
1.4	64QAM	1	0	19.75	19.70	19.71	20.4	0
1.4	64QAM	1	3	19.73	19.78	19.65		
1.4	64QAM	1	5	19.72	19.79	19.54		
1.4	64QAM	3	0	19.62	19.69	19.63		
1.4	64QAM	3	1	19.59	19.86	19.76		
1.4	64QAM	3	3	19.74	19.68	19.77		
1.4	64QAM	6	0	19.67	19.70	19.48	20.4	0
1.4	256QAM	1	0	18.83	18.90	18.79	20	0.4
1.4	256QAM	1	3	18.65	18.78	18.86		
1.4	256QAM	1	5	18.84	18.92	18.68		
1.4	256QAM	3	0	18.81	18.88	18.85		
1.4	256QAM	3	1	18.67	18.95	18.86		
1.4	256QAM	3	3	18.75	18.75	18.74		
1.4	256QAM	6	0	18.79	18.98	18.89	20	0.4

Band 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	19.56	19.73	19.53	20.8	0
20	QPSK	1	49	19.44	19.47	19.54		
20	QPSK	1	99	19.48	19.66	19.42		
20	QPSK	50	0	19.50	19.67	19.39	20.8	0
20	QPSK	50	24	19.61	19.62	19.44		
20	QPSK	50	50	19.44	19.49	19.61		
20	QPSK	100	0	19.50	19.68	19.52		
20	16QAM	1	0	19.56	19.60	19.60	20.8	0
20	16QAM	1	49	19.61	19.52	19.34		
20	16QAM	1	99	19.57	19.57	19.50		
20	16QAM	50	0	19.51	19.71	19.47	20.8	0
20	16QAM	50	24	19.43	19.66	19.40		
20	16QAM	50	50	19.30	19.37	19.47		
20	16QAM	100	0	19.38	19.57	19.32		
20	64QAM	1	0	19.36	19.55	19.31	20.8	0
20	64QAM	1	49	19.52	19.56	19.33		
20	64QAM	1	99	19.36	19.40	19.55		
20	64QAM	50	0	19.41	19.58	19.43	20.8	0
20	64QAM	50	24	19.43	19.58	19.51		
20	64QAM	50	50	19.58	19.40	19.20		
20	64QAM	100	0	19.54	19.44	19.41		
20	256QAM	1	0	18.45	18.76	18.57	20	0.8
20	256QAM	1	49	18.54	18.88	18.51		
20	256QAM	1	99	18.67	18.67	18.61		
20	256QAM	50	0	18.53	18.84	18.67	20	0.8
20	256QAM	50	24	18.53	18.72	18.78		
20	256QAM	50	50	18.74	18.60	18.74		
20	256QAM	100	0	18.49	18.67	18.82		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.47	19.60	19.50	20.8	0
15	QPSK	1	37	19.33	19.43	19.47		
15	QPSK	1	74	19.40	19.60	19.40		
15	QPSK	36	0	19.46	19.58	19.29	20.8	0
15	QPSK	36	20	19.54	19.48	19.37		
15	QPSK	36	39	19.31	19.46	19.58		
15	QPSK	75	0	19.43	19.55	19.42		
15	16QAM	1	0	19.45	19.52	19.57	20.8	0
15	16QAM	1	37	19.48	19.49	19.20		
15	16QAM	1	74	19.47	19.45	19.40		
15	16QAM	36	0	19.44	19.64	19.43	20.8	0
15	16QAM	36	20	19.35	19.54	19.32		
15	16QAM	36	39	19.22	19.31	19.40		
15	16QAM	75	0	19.27	19.44	19.28		
15	64QAM	1	0	19.23	19.50	19.26	20.8	0
15	64QAM	1	37	19.42	19.49	19.25		
15	64QAM	1	74	19.24	19.36	19.49		
15	64QAM	36	0	19.28	19.55	19.40	20.8	0
15	64QAM	36	20	19.33	19.48	19.48		
15	64QAM	36	39	19.46	19.35	19.10		
15	64QAM	75	0	19.50	19.30	19.36		
15	256QAM	1	0	18.37	18.63	18.49	20	0.8
15	256QAM	1	37	18.52	18.79	18.39		
15	256QAM	1	74	18.55	18.62	18.50		
15	256QAM	36	0	18.47	18.74	18.58	20	0.8
15	256QAM	36	20	18.42	18.68	18.73		
15	256QAM	36	39	18.64	18.53	18.63		
15	256QAM	75	0	18.36	18.56	18.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.44	19.66	19.44	20.8	0
10	QPSK	1	25	19.40	19.44	19.51		
10	QPSK	1	49	19.41	19.64	19.38		
10	QPSK	25	0	19.45	19.58	19.37	20.8	0
10	QPSK	25	12	19.50	19.52	19.35		
10	QPSK	25	25	19.38	19.38	19.48		
10	QPSK	50	0	19.38	19.57	19.48		
10	16QAM	1	0	19.48	19.51	19.56	20.8	0
10	16QAM	1	25	19.56	19.38	19.24		
10	16QAM	1	49	19.44	19.43	19.37		
10	16QAM	25	0	19.43	19.60	19.36	20.8	0
10	16QAM	25	12	19.34	19.62	19.37		
10	16QAM	25	25	19.24	19.31	19.35		
10	16QAM	50	0	19.34	19.50	19.24		
10	64QAM	1	0	19.22	19.50	19.18	20.8	0
10	64QAM	1	25	19.45	19.52	19.21		
10	64QAM	1	49	19.25	19.28	19.45		
10	64QAM	25	0	19.32	19.45	19.41	20.8	0
10	64QAM	25	12	19.39	19.54	19.44		
10	64QAM	25	25	19.46	19.34	19.09		
10	64QAM	50	0	19.48	19.38	19.34		
10	256QAM	1	0	18.38	18.63	18.51	20	0.8
10	256QAM	1	25	18.51	18.84	18.47		
10	256QAM	1	49	18.64	18.54	18.56		
10	256QAM	25	0	18.50	18.81	18.59	20	0.8
10	256QAM	25	12	18.42	18.69	18.66		
10	256QAM	25	25	18.61	18.53	18.70		
10	256QAM	50	0	18.47	18.59	18.74		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.47	19.60	19.43	20.8	0
5	QPSK	1	12	19.41	19.43	19.40		
5	QPSK	1	24	19.35	19.58	19.31		
5	QPSK	12	0	19.43	19.64	19.34	20.8	0
5	QPSK	12	7	19.54	19.53	19.32		
5	QPSK	12	13	19.36	19.39	19.53		
5	QPSK	25	0	19.40	19.63	19.41		
5	16QAM	1	0	19.51	19.47	19.53	20.8	0
5	16QAM	1	12	19.55	19.46	19.21		
5	16QAM	1	24	19.47	19.53	19.47		
5	16QAM	12	0	19.44	19.59	19.43	20.8	0
5	16QAM	12	7	19.40	19.57	19.33		
5	16QAM	12	13	19.18	19.32	19.35		
5	16QAM	25	0	19.30	19.45	19.29		
5	64QAM	1	0	19.33	19.47	19.22	20.8	0
5	64QAM	1	12	19.43	19.47	19.26		
5	64QAM	1	24	19.23	19.28	19.52		
5	64QAM	12	0	19.38	19.52	19.35	20.8	0
5	64QAM	12	7	19.41	19.50	19.45		
5	64QAM	12	13	19.49	19.37	19.11		
5	64QAM	25	0	19.49	19.41	19.28		
5	256QAM	1	0	18.38	18.63	18.55	20	0.8
5	256QAM	1	12	18.43	18.83	18.44		
5	256QAM	1	24	18.56	18.61	18.50		
5	256QAM	12	0	18.49	18.78	18.59	20	0.8
5	256QAM	12	7	18.48	18.69	18.64		
5	256QAM	12	13	18.66	18.49	18.72		
5	256QAM	25	0	18.43	18.62	18.75		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.50	19.63	19.46	20.8	0
3	QPSK	1	8	19.33	19.41	19.47		
3	QPSK	1	14	19.39	19.52	19.31		
3	QPSK	8	0	19.47	19.62	19.31	20.8	0
3	QPSK	8	4	19.57	19.53	19.33		
3	QPSK	8	7	19.39	19.39	19.54		
3	QPSK	15	0	19.41	19.54	19.50		
3	16QAM	1	0	19.51	19.47	19.58	20.8	0
3	16QAM	1	8	19.56	19.44	19.22		
3	16QAM	1	14	19.55	19.53	19.43		
3	16QAM	8	0	19.41	19.64	19.44	20.8	0
3	16QAM	8	4	19.31	19.57	19.28		
3	16QAM	8	7	19.22	19.25	19.41		
3	16QAM	15	0	19.31	19.52	19.19		
3	64QAM	1	0	19.25	19.47	19.28	20.8	0
3	64QAM	1	8	19.46	19.51	19.28		
3	64QAM	1	14	19.25	19.35	19.52		
3	64QAM	8	0	19.33	19.55	19.33	20.8	0
3	64QAM	8	4	19.37	19.44	19.43		
3	64QAM	8	7	19.51	19.32	19.16		
3	64QAM	15	0	19.42	19.38	19.35		
3	256QAM	1	0	18.40	18.67	18.48	20	0.8
3	256QAM	1	8	18.51	18.78	18.39		
3	256QAM	1	14	18.56	18.58	18.59		
3	256QAM	8	0	18.39	18.81	18.55	20	0.8
3	256QAM	8	4	18.41	18.61	18.65		
3	256QAM	8	7	18.68	18.47	18.62		
3	256QAM	15	0	18.40	18.65	18.73		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.50	19.67	19.49	20.8	0
1.4	QPSK	1	3	19.41	19.39	19.45		
1.4	QPSK	1	5	19.44	19.52	19.38		
1.4	QPSK	3	0	19.36	19.55	19.29		
1.4	QPSK	3	1	19.55	19.58	19.38		
1.4	QPSK	3	3	19.40	19.36	19.59		
1.4	QPSK	6	0	19.41	19.61	19.44	20.8	0
1.4	16QAM	1	0	19.53	19.54	19.50	20.8	0
1.4	16QAM	1	3	19.57	19.43	19.29		
1.4	16QAM	1	5	19.45	19.48	19.47		
1.4	16QAM	3	0	19.39	19.61	19.41		
1.4	16QAM	3	1	19.38	19.60	19.28		
1.4	16QAM	3	3	19.28	19.33	19.33		
1.4	16QAM	6	0	19.34	19.51	19.22	20.8	0
1.4	64QAM	1	0	19.28	19.51	19.22	20.8	0
1.4	64QAM	1	3	19.43	19.45	19.30		
1.4	64QAM	1	5	19.25	19.32	19.46		
1.4	64QAM	3	0	19.37	19.49	19.31		
1.4	64QAM	3	1	19.39	19.51	19.45		
1.4	64QAM	3	3	19.52	19.38	19.16		
1.4	64QAM	6	0	19.41	19.33	19.35	20.8	0
1.4	256QAM	1	0	18.41	18.72	18.45	20	0.8
1.4	256QAM	1	3	18.43	18.78	18.42		
1.4	256QAM	1	5	18.57	18.63	18.50		
1.4	256QAM	3	0	18.49	18.76	18.61		
1.4	256QAM	3	1	18.40	18.69	18.74		
1.4	256QAM	3	3	18.66	18.49	18.63		
1.4	256QAM	6	0	18.38	18.60	18.74	20	0.8

Band 66

BW [MHz]	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	19.60	19.76	19.64	20.8	0
20	QPSK	1	49	19.57	19.60	19.61		
20	QPSK	1	99	19.60	19.73	19.51		
20	QPSK	50	0	19.53	19.73	19.51	20.8	0
20	QPSK	50	24	19.67	19.67	19.52		
20	QPSK	50	50	19.57	19.62	19.64		
20	QPSK	100	0	19.53	19.75	19.59		
20	16QAM	1	0	19.63	19.66	19.63	20.8	0
20	16QAM	1	49	19.63	19.65	19.45		
20	16QAM	1	99	19.60	19.69	19.58		
20	16QAM	50	0	19.56	19.64	19.52	20.8	0
20	16QAM	50	24	19.56	19.73	19.57		
20	16QAM	50	50	19.52	19.56	19.51		
20	16QAM	100	0	19.55	19.59	19.43		
20	64QAM	1	0	19.41	19.60	19.45	20.8	0
20	64QAM	1	49	19.62	19.60	19.48		
20	64QAM	1	99	19.48	19.57	19.56		
20	64QAM	50	0	19.43	19.64	19.57	20.8	0
20	64QAM	50	24	19.53	19.53	19.51		
20	64QAM	50	50	19.52	19.53	19.40		
20	64QAM	100	0	19.55	19.57	19.50		
20	256QAM	1	0	18.77	18.66	18.52	20	0.8
20	256QAM	1	49	18.67	18.75	18.83		
20	256QAM	1	99	18.71	18.86	18.64		
20	256QAM	50	0	18.77	18.79	18.74	20	0.8
20	256QAM	50	24	18.68	18.76	18.71		
20	256QAM	50	50	18.61	18.89	18.70		
20	256QAM	100	0	18.80	18.86	18.70		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.50	19.71	19.52	20.8	0
15	QPSK	1	37	19.45	19.47	19.49		
15	QPSK	1	74	19.46	19.60	19.49		
15	QPSK	36	0	19.43	19.68	19.44	20.8	0
15	QPSK	36	20	19.64	19.56	19.43		
15	QPSK	36	39	19.49	19.52	19.51		
15	QPSK	75	0	19.51	19.71	19.47		
15	16QAM	1	0	19.55	19.63	19.59	20.8	0
15	16QAM	1	37	19.59	19.52	19.42		
15	16QAM	1	74	19.54	19.57	19.47		
15	16QAM	36	0	19.43	19.52	19.41	20.8	0
15	16QAM	36	20	19.47	19.70	19.52		
15	16QAM	36	39	19.46	19.51	19.49		
15	16QAM	75	0	19.44	19.50	19.39		
15	64QAM	1	0	19.30	19.48	19.31	20.8	0
15	64QAM	1	37	19.56	19.56	19.44		
15	64QAM	1	74	19.37	19.51	19.49		
15	64QAM	36	0	19.38	19.55	19.54	20.8	0
15	64QAM	36	20	19.42	19.51	19.47		
15	64QAM	36	39	19.47	19.40	19.38		
15	64QAM	75	0	19.45	19.49	19.45		
15	256QAM	1	0	18.65	18.57	18.38	20	0.8
15	256QAM	1	37	18.63	18.69	18.75		
15	256QAM	1	74	18.62	18.78	18.62		
15	256QAM	36	0	18.64	18.70	18.62	20	0.8
15	256QAM	36	20	18.64	18.70	18.67		
15	256QAM	36	39	18.52	18.87	18.58		
15	256QAM	75	0	18.71	18.83	18.60		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.55	19.70	19.61	20.8	0
10	QPSK	1	25	19.47	19.53	19.55		
10	QPSK	1	49	19.48	19.63	19.44		
10	QPSK	25	0	19.41	19.68	19.43	20.8	0
10	QPSK	25	12	19.53	19.60	19.44		
10	QPSK	25	25	19.45	19.52	19.60		
10	QPSK	50	0	19.46	19.64	19.45		
10	16QAM	1	0	19.57	19.62	19.56	20.8	0
10	16QAM	1	25	19.57	19.60	19.37		
10	16QAM	1	49	19.56	19.64	19.56		
10	16QAM	25	0	19.52	19.52	19.43	20.8	0
10	16QAM	25	12	19.47	19.62	19.54		
10	16QAM	25	25	19.45	19.44	19.46		
10	16QAM	50	0	19.42	19.47	19.34		
10	64QAM	1	0	19.31	19.47	19.36	20.8	0
10	64QAM	1	25	19.57	19.55	19.38		
10	64QAM	1	49	19.36	19.46	19.43		
10	64QAM	25	0	19.38	19.52	19.53	20.8	0
10	64QAM	25	12	19.46	19.42	19.48		
10	64QAM	25	25	19.41	19.44	19.36		
10	64QAM	50	0	19.42	19.54	19.46		
10	256QAM	1	0	18.70	18.59	18.41	20	0.8
10	256QAM	1	25	18.54	18.67	18.75		
10	256QAM	1	49	18.63	18.74	18.59		
10	256QAM	25	0	18.72	18.74	18.62	20	0.8
10	256QAM	25	12	18.65	18.68	18.61		
10	256QAM	25	25	18.50	18.81	18.60		
10	256QAM	50	0	18.76	18.75	18.60		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.54	19.72	19.61	20.8	0
5	QPSK	1	12	19.48	19.48	19.56		
5	QPSK	1	24	19.54	19.67	19.40		
5	QPSK	12	0	19.49	19.70	19.37	20.8	0
5	QPSK	12	7	19.62	19.54	19.49		
5	QPSK	12	13	19.48	19.52	19.50		
5	QPSK	25	0	19.48	19.63	19.54		
5	16QAM	1	0	19.61	19.61	19.55	20.8	0
5	16QAM	1	12	19.59	19.61	19.33		
5	16QAM	1	24	19.57	19.67	19.52		
5	16QAM	12	0	19.46	19.60	19.48	20.8	0
5	16QAM	12	7	19.47	19.71	19.48		
5	16QAM	12	13	19.47	19.52	19.41		
5	16QAM	25	0	19.46	19.53	19.32		
5	64QAM	1	0	19.34	19.48	19.32	20.8	0
5	64QAM	1	12	19.48	19.52	19.45		
5	64QAM	1	24	19.41	19.53	19.46		
5	64QAM	12	0	19.31	19.58	19.52	20.8	0
5	64QAM	12	7	19.46	19.43	19.38		
5	64QAM	12	13	19.48	19.47	19.30		
5	64QAM	25	0	19.52	19.46	19.44		
5	256QAM	1	0	18.73	18.63	18.44	20	0.8
5	256QAM	1	12	18.62	18.63	18.73		
5	256QAM	1	24	18.58	18.74	18.54		
5	256QAM	12	0	18.71	18.74	18.71	20	0.8
5	256QAM	12	7	18.66	18.67	18.61		
5	256QAM	12	13	18.54	18.76	18.59		
5	256QAM	25	0	18.73	18.74	18.57		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.52	19.64	19.54	20.8	0
3	QPSK	1	8	19.52	19.50	19.55		
3	QPSK	1	14	19.54	19.69	19.44		
3	QPSK	8	0	19.45	19.68	19.47	20.8	0
3	QPSK	8	4	19.65	19.64	19.40		
3	QPSK	8	7	19.51	19.57	19.61		
3	QPSK	15	0	19.44	19.69	19.51		
3	16QAM	1	0	19.54	19.55	19.56	20.8	0
3	16QAM	1	8	19.58	19.55	19.42		
3	16QAM	1	14	19.51	19.64	19.54		
3	16QAM	8	0	19.44	19.57	19.46	20.8	0
3	16QAM	8	4	19.47	19.64	19.47		
3	16QAM	8	7	19.42	19.50	19.40		
3	16QAM	15	0	19.46	19.53	19.37		
3	64QAM	1	0	19.29	19.54	19.38	20.8	0
3	64QAM	1	8	19.56	19.53	19.43		
3	64QAM	1	14	19.45	19.48	19.45		
3	64QAM	8	0	19.38	19.54	19.53	20.8	0
3	64QAM	8	4	19.44	19.42	19.38		
3	64QAM	8	7	19.50	19.47	19.28		
3	64QAM	15	0	19.45	19.53	19.40		
3	256QAM	1	0	18.74	18.59	18.45	20	0.8
3	256QAM	1	8	18.58	18.69	18.70		
3	256QAM	1	14	18.68	18.82	18.50		
3	256QAM	8	0	18.63	18.67	18.60	20	0.8
3	256QAM	8	4	18.54	18.63	18.64		
3	256QAM	8	7	18.55	18.87	18.62		
3	256QAM	15	0	18.70	18.81	18.68		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.53	19.66	19.55	20.8	0
1.4	QPSK	1	3	19.48	19.55	19.49		
1.4	QPSK	1	5	19.54	19.65	19.44		
1.4	QPSK	3	0	19.46	19.69	19.38		
1.4	QPSK	3	1	19.60	19.55	19.46		
1.4	QPSK	3	3	19.46	19.53	19.59		
1.4	QPSK	6	0	19.41	19.68	19.56	20.8	0
1.4	16QAM	1	0	19.52	19.58	19.55	20.8	0
1.4	16QAM	1	3	19.57	19.52	19.36		
1.4	16QAM	1	5	19.55	19.57	19.46		
1.4	16QAM	3	0	19.43	19.52	19.41		
1.4	16QAM	3	1	19.46	19.66	19.43		
1.4	16QAM	3	3	19.47	19.45	19.42		
1.4	16QAM	6	0	19.47	19.47	19.35	20.8	0
1.4	64QAM	1	0	19.28	19.50	19.40	20.8	0
1.4	64QAM	1	3	19.50	19.56	19.46		
1.4	64QAM	1	5	19.40	19.54	19.50		
1.4	64QAM	3	0	19.31	19.57	19.54		
1.4	64QAM	3	1	19.42	19.49	19.44		
1.4	64QAM	3	3	19.42	19.51	19.30		
1.4	64QAM	6	0	19.53	19.51	19.46	20.8	0
1.4	256QAM	1	0	18.72	18.61	18.41	20	0.8
1.4	256QAM	1	3	18.61	18.73	18.78		
1.4	256QAM	1	5	18.64	18.79	18.53		
1.4	256QAM	3	0	18.75	18.66	18.70		
1.4	256QAM	3	1	18.57	18.64	18.69		
1.4	256QAM	3	3	18.54	18.84	18.57		
1.4	256QAM	6	0	18.75	18.82	18.59	20	0.8

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.79	19.97	19.73	19.74	21.5	0
20	QPSK	1	49	19.72	19.78	19.85	19.82		
20	QPSK	1	99	19.77	19.76	19.72	19.76		
20	QPSK	50	0	19.86	19.90	19.79	19.75	21.5	0
20	QPSK	50	24	19.87	19.71	19.87	19.81		
20	QPSK	50	50	19.82	19.77	19.76	19.75		
20	QPSK	100	0	19.83	19.86	19.79	19.74		
20	16QAM	1	0	19.87	19.89	19.87	19.75	21.5	0
20	16QAM	1	49	19.82	19.74	19.82	19.76		
20	16QAM	1	99	19.84	19.86	19.84	19.76		
20	16QAM	50	0	19.72	19.83	19.75	19.73	21.5	0
20	16QAM	50	24	19.75	19.82	19.75	19.76		
20	16QAM	50	50	19.72	19.79	19.77	19.76		
20	16QAM	100	0	19.74	19.83	19.71	19.72		
20	64QAM	1	0	19.77	19.78	19.74	19.80	21.5	0
20	64QAM	1	49	19.85	19.72	19.76	19.74		
20	64QAM	1	99	19.71	19.75	19.85	19.83		
20	64QAM	50	0	19.72	19.81	19.86	19.82	21.5	0
20	64QAM	50	24	19.81	19.76	19.79	19.82		
20	64QAM	50	50	19.85	19.73	19.84	19.76		
20	64QAM	100	0	19.76	19.77	19.82	19.85		
20	256QAM	1	0	19.30	19.26	19.24	19.22	21	0.5
20	256QAM	1	49	19.27	19.33	19.29	19.43		
20	256QAM	1	99	19.29	19.26	19.39	19.24		
20	256QAM	50	0	19.34	19.34	19.21	19.30	21	0.5
20	256QAM	50	24	19.27	19.28	19.18	19.24		
20	256QAM	50	50	19.34	19.26	19.28	19.27		
20	256QAM	100	0	19.34	19.26	19.19	19.26		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.70	19.81	19.63	19.62	21.5	0
15	QPSK	1	37	19.67	19.66	19.74	19.68		
15	QPSK	1	74	19.75	19.63	19.64	19.73		
15	QPSK	36	0	19.77	19.76	19.72	19.61	21.5	0
15	QPSK	36	20	19.72	19.59	19.73	19.66		
15	QPSK	36	39	19.77	19.70	19.62	19.62		
15	QPSK	75	0	19.77	19.79	19.74	19.70		
15	16QAM	1	0	19.79	19.86	19.75	19.65	21.5	0
15	16QAM	1	37	19.77	19.68	19.67	19.59		
15	16QAM	1	74	19.72	19.84	19.70	19.64		
15	16QAM	36	0	19.64	19.80	19.72	19.61	21.5	0
15	16QAM	36	20	19.57	19.79	19.69	19.68		
15	16QAM	36	39	19.58	19.76	19.72	19.71		
15	16QAM	75	0	19.67	19.72	19.59	19.69		
15	64QAM	1	0	19.64	19.71	19.68	19.63	21.5	0
15	64QAM	1	37	19.76	19.59	19.73	19.65		
15	64QAM	1	74	19.64	19.70	19.78	19.73		
15	64QAM	36	0	19.59	19.71	19.69	19.80	21.5	0
15	64QAM	36	20	19.75	19.71	19.76	19.72		
15	64QAM	36	39	19.74	19.60	19.78	19.68		
15	64QAM	75	0	19.71	19.67	19.67	19.70		
15	256QAM	1	0	19.23	19.23	19.20	19.16	21	0.5
15	256QAM	1	37	19.23	19.26	19.16	19.29		
15	256QAM	1	74	19.15	19.16	19.22	19.18		
15	256QAM	36	0	19.30	19.27	19.07	19.16	21	0.5
15	256QAM	36	20	19.22	19.16	19.05	19.14		
15	256QAM	36	39	19.30	19.22	19.24	19.14		
15	256QAM	75	0	19.22	19.16	19.04	19.11		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.67	19.80	19.68	19.68	21.5	0
10	QPSK	1	25	19.57	19.72	19.69	19.74		
10	QPSK	1	49	19.64	19.73	19.69	19.67		
10	QPSK	25	0	19.79	19.87	19.65	19.66	21.5	0
10	QPSK	25	12	19.82	19.56	19.84	19.75		
10	QPSK	25	25	19.66	19.71	19.60	19.68		
10	QPSK	50	0	19.73	19.73	19.71	19.66		
10	16QAM	1	0	19.75	19.81	19.72	19.68	21.5	0
10	16QAM	1	25	19.66	19.64	19.65	19.71		
10	16QAM	1	49	19.75	19.69	19.77	19.69		
10	16QAM	25	0	19.66	19.67	19.67	19.67	21.5	0
10	16QAM	25	12	19.68	19.80	19.71	19.61		
10	16QAM	25	25	19.56	19.71	19.71	19.60		
10	16QAM	50	0	19.57	19.76	19.66	19.66		
10	64QAM	1	0	19.62	19.70	19.61	19.77	21.5	0
10	64QAM	1	25	19.76	19.59	19.73	19.67		
10	64QAM	1	49	19.63	19.71	19.70	19.75		
10	64QAM	25	0	19.55	19.72	19.83	19.69	21.5	0
10	64QAM	25	12	19.72	19.65	19.69	19.70		
10	64QAM	25	25	19.77	19.57	19.81	19.66		
10	64QAM	50	0	19.72	19.62	19.78	19.78		
10	256QAM	1	0	19.13	19.15	19.11	19.11	21	0.5
10	256QAM	1	25	19.10	19.22	19.25	19.35		
10	256QAM	1	49	19.16	19.20	19.24	19.14		
10	256QAM	25	0	19.32	19.31	19.10	19.22	21	0.5
10	256QAM	25	12	19.20	19.23	19.04	19.22		
10	256QAM	25	25	19.17	19.15	19.16	19.23		
10	256QAM	50	0	19.18	19.09	19.10	19.10		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	19.66	19.87	19.61	19.66	21.5	0
5	QPSK	1	12	19.62	19.72	19.70	19.74		
5	QPSK	1	24	19.69	19.67	19.63	19.65		
5	QPSK	12	0	19.78	19.85	19.65	19.68	21.5	0
5	QPSK	12	7	19.75	19.67	19.72	19.75		
5	QPSK	12	13	19.67	19.72	19.68	19.59		
5	QPSK	25	0	19.72	19.70	19.69	19.72	21.5	0
5	16QAM	1	0	19.71	19.83	19.75	19.72		
5	16QAM	1	12	19.73	19.59	19.68	19.61		
5	16QAM	1	24	19.73	19.70	19.77	19.61		
5	16QAM	12	0	19.68	19.80	19.70	19.71	21.5	0
5	16QAM	12	7	19.67	19.77	19.67	19.64		
5	16QAM	12	13	19.63	19.64	19.62	19.63		
5	16QAM	25	0	19.57	19.81	19.65	19.63	21.5	0
5	64QAM	1	0	19.73	19.73	19.57	19.64		
5	64QAM	1	12	19.79	19.55	19.71	19.62		
5	64QAM	1	24	19.53	19.69	19.68	19.74		
5	64QAM	12	0	19.58	19.75	19.71	19.77	21.5	0
5	64QAM	12	7	19.67	19.63	19.70	19.73		
5	64QAM	12	13	19.69	19.60	19.67	19.67		
5	64QAM	25	0	19.64	19.68	19.79	19.78		
5	256QAM	1	0	19.25	19.13	19.19	19.09	21	0.5
5	256QAM	1	12	19.20	19.15	19.18	19.36		
5	256QAM	1	24	19.23	19.12	19.28	19.17		
5	256QAM	12	0	19.26	19.25	19.11	19.18	21	0.5
5	256QAM	12	7	19.21	19.21	19.16	19.20		
5	256QAM	12	13	19.19	19.14	19.17	19.20		
5	256QAM	25	0	19.19	19.23	19.13	19.14		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.50	17.59	17.37	17.55	18.5	0
20	QPSK	1	49	17.24	17.47	17.40	17.39		
20	QPSK	1	99	17.18	17.42	17.32	17.36		
20	QPSK	50	0	17.46	17.52	17.46	17.35	18.5	0
20	QPSK	50	24	17.42	17.29	17.34	17.34		
20	QPSK	50	50	17.28	17.36	17.41	17.33		
20	QPSK	100	0	17.33	17.48	17.36	17.46		
20	16QAM	1	0	17.22	17.23	17.47	17.44	18.5	0
20	16QAM	1	49	17.23	17.32	17.38	17.38		
20	16QAM	1	99	17.36	17.37	17.37	17.36		
20	16QAM	50	0	17.47	17.54	17.24	17.53	18.5	0
20	16QAM	50	24	17.11	17.36	17.29	17.28		
20	16QAM	50	50	17.05	17.32	17.25	17.30		
20	16QAM	100	0	17.41	17.41	17.33	17.26		
20	64QAM	1	0	17.34	17.19	17.31	17.30	18.5	0
20	64QAM	1	49	17.26	17.24	17.32	17.21		
20	64QAM	1	99	17.27	17.41	17.33	17.35		
20	64QAM	50	0	17.40	17.50	17.30	17.44	18.5	0
20	64QAM	50	24	17.37	17.55	17.29	17.50		
20	64QAM	50	50	17.20	17.36	17.28	17.34		
20	64QAM	100	0	17.07	17.29	17.22	17.26		
20	256QAM	1	0	17.44	17.46	17.43	17.25	18.5	0
20	256QAM	1	49	17.36	17.23	17.22	17.29		
20	256QAM	1	99	17.21	17.23	17.33	17.21		
20	256QAM	50	0	17.30	17.39	17.30	17.34	18.5	0
20	256QAM	50	24	17.18	17.15	17.34	17.34		
20	256QAM	50	50	17.18	17.24	17.31	17.32		
20	256QAM	100	0	17.30	17.25	17.34	17.31		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.41	17.50	17.34	17.49	18.5	0
15	QPSK	1	37	17.21	17.43	17.32	17.33		
15	QPSK	1	74	17.13	17.29	17.23	17.29		
15	QPSK	36	0	17.38	17.45	17.42	17.32	18.5	0
15	QPSK	36	20	17.28	17.22	17.32	17.24		
15	QPSK	36	39	17.26	17.29	17.35	17.20		
15	QPSK	75	0	17.28	17.37	17.22	17.33		
15	16QAM	1	0	17.19	17.13	17.41	17.34	18.5	0
15	16QAM	1	37	17.14	17.21	17.36	17.27		
15	16QAM	1	74	17.23	17.29	17.26	17.33		
15	16QAM	36	0	17.39	17.50	17.16	17.48	18.5	0
15	16QAM	36	20	17.04	17.33	17.22	17.24		
15	16QAM	36	39	16.93	17.27	17.16	17.18		
15	16QAM	75	0	17.30	17.38	17.20	17.15		
15	64QAM	1	0	17.24	17.16	17.17	17.24	18.5	0
15	64QAM	1	37	17.16	17.15	17.25	17.12		
15	64QAM	1	74	17.18	17.36	17.25	17.28		
15	64QAM	36	0	17.37	17.40	17.25	17.38	18.5	0
15	64QAM	36	20	17.24	17.45	17.17	17.36		
15	64QAM	36	39	17.10	17.32	17.19	17.23		
15	64QAM	75	0	17.04	17.18	17.17	17.23		
15	256QAM	1	0	17.33	17.42	17.39	17.15	18.5	0
15	256QAM	1	37	17.27	17.10	17.15	17.23		
15	256QAM	1	74	17.18	17.17	17.22	17.12		
15	256QAM	36	0	17.17	17.29	17.21	17.24	18.5	0
15	256QAM	36	20	17.16	17.06	17.26	17.30		
15	256QAM	36	39	17.07	17.18	17.29	17.28		
15	256QAM	75	0	17.17	17.21	17.22	17.21		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.41	17.48	17.25	17.47	18.5	0
10	QPSK	1	25	17.22	17.39	17.37	17.36		
10	QPSK	1	49	17.08	17.33	17.24	17.29		
10	QPSK	25	0	17.37	17.46	17.41	17.31	18.5	0
10	QPSK	25	12	17.32	17.20	17.30	17.29		
10	QPSK	25	25	17.25	17.29	17.35	17.25		
10	QPSK	50	0	17.24	17.40	17.23	17.35		
10	16QAM	1	0	17.20	17.09	17.36	17.34	18.5	0
10	16QAM	1	25	17.16	17.28	17.36	17.26		
10	16QAM	1	49	17.32	17.26	17.23	17.23		
10	16QAM	25	0	17.45	17.47	17.17	17.44	18.5	0
10	16QAM	25	12	17.03	17.27	17.27	17.24		
10	16QAM	25	25	17.00	17.22	17.21	17.20		
10	16QAM	50	0	17.38	17.37	17.27	17.12		
10	64QAM	1	0	17.20	17.16	17.23	17.25	18.5	0
10	64QAM	1	25	17.15	17.10	17.28	17.16		
10	64QAM	1	49	17.25	17.32	17.24	17.22		
10	64QAM	25	0	17.36	17.42	17.26	17.35	18.5	0
10	64QAM	25	12	17.31	17.44	17.22	17.46		
10	64QAM	25	25	17.08	17.23	17.19	17.24		
10	64QAM	50	0	17.01	17.17	17.09	17.13		
10	256QAM	1	0	17.37	17.37	17.34	17.20	18.5	0
10	256QAM	1	25	17.25	17.10	17.14	17.27		
10	256QAM	1	49	17.11	17.17	17.22	17.10		
10	256QAM	25	0	17.17	17.30	17.25	17.21	18.5	0
10	256QAM	25	12	17.06	17.06	17.29	17.28		
10	256QAM	25	25	17.15	17.13	17.19	17.22		
10	256QAM	50	0	17.27	17.12	17.22	17.18		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	17.41	17.51	17.33	17.52	18.5	0
5	QPSK	1	12	17.13	17.36	17.31	17.33		
5	QPSK	1	24	17.08	17.32	17.26	17.28		
5	QPSK	12	0	17.35	17.43	17.41	17.33	18.5	0
5	QPSK	12	7	17.36	17.22	17.31	17.32		
5	QPSK	12	13	17.17	17.34	17.33	17.30		
5	QPSK	25	0	17.25	17.41	17.30	17.43		
5	16QAM	1	0	17.11	17.19	17.44	17.39	18.5	0
5	16QAM	1	12	17.21	17.19	17.31	17.33		
5	16QAM	1	24	17.29	17.34	17.26	17.33		
5	16QAM	12	0	17.38	17.45	17.15	17.44	18.5	0
5	16QAM	12	7	17.03	17.33	17.26	17.25		
5	16QAM	12	13	16.98	17.19	17.19	17.27		
5	16QAM	25	0	17.28	17.32	17.30	17.19	18.5	0
5	64QAM	1	0	17.23	17.05	17.17	17.18		
5	64QAM	1	12	17.18	17.15	17.19	17.13		
5	64QAM	1	24	17.22	17.36	17.24	17.25		
5	64QAM	12	0	17.29	17.41	17.18	17.35	18.5	0
5	64QAM	12	7	17.33	17.46	17.25	17.36		
5	64QAM	12	13	17.15	17.29	17.23	17.24		
5	64QAM	25	0	16.98	17.27	17.11	17.16		
5	256QAM	1	0	17.40	17.41	17.37	17.15	18.5	0
5	256QAM	1	12	17.27	17.09	17.13	17.22		
5	256QAM	1	24	17.13	17.16	17.23	17.14		
5	256QAM	12	0	17.20	17.28	17.23	17.23	18.5	0
5	256QAM	12	7	17.16	17.03	17.22	17.32		
5	256QAM	12	13	17.15	17.14	17.23	17.27		
5	256QAM	25	0	17.22	17.19	17.23	17.19		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.82	19.89	19.69	19.68	20.5	0
20	QPSK	1	49	19.57	19.82	19.39	19.63		
20	QPSK	1	99	19.70	19.66	19.43	19.45		
20	QPSK	50	0	19.61	19.81	19.77	19.67	20.5	0
20	QPSK	50	24	19.72	19.80	19.33	19.46		
20	QPSK	50	50	19.62	19.78	19.45	19.43		
20	QPSK	100	0	19.65	19.85	19.74	19.68		
20	16QAM	1	0	19.45	19.50	19.40	19.58	20.5	0
20	16QAM	1	49	19.48	19.35	19.32	19.51		
20	16QAM	1	99	19.63	19.52	19.39	19.34		
20	16QAM	50	0	19.55	19.54	19.61	19.57	20.5	0
20	16QAM	50	24	19.45	19.49	19.35	19.54		
20	16QAM	50	50	19.65	19.45	19.33	19.40		
20	16QAM	100	0	19.55	19.70	19.66	19.60		
20	64QAM	1	0	19.51	19.45	19.26	19.38	20.5	0
20	64QAM	1	49	19.54	19.54	19.33	19.33		
20	64QAM	1	99	19.60	19.44	19.63	19.64		
20	64QAM	50	0	19.67	19.80	19.64	19.57	20.5	0
20	64QAM	50	24	19.33	19.68	19.36	19.52		
20	64QAM	50	50	19.55	19.49	19.39	19.41		
20	64QAM	100	0	19.49	19.68	19.70	19.58		
20	256QAM	1	0	18.29	18.33	18.01	18.23	19	1.5
20	256QAM	1	49	18.13	18.19	18.00	18.03		
20	256QAM	1	99	18.32	18.22	18.09	18.20		
20	256QAM	50	0	18.35	18.30	17.93	18.08	19	1.5
20	256QAM	50	24	18.31	18.25	17.94	18.04		
20	256QAM	50	50	18.19	18.40	17.96	18.19		
20	256QAM	100	0	18.43	18.32	18.17	18.14		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.75	19.86	19.61	19.54	20.5	0
15	QPSK	1	37	19.49	19.75	19.50	19.61		
15	QPSK	1	74	19.65	19.56	19.44	19.45		
15	QPSK	36	0	19.48	19.69	19.69	19.59	20.5	0
15	QPSK	36	20	19.68	19.72	19.25	19.40		
15	QPSK	36	39	19.49	19.73	19.42	19.40		
15	QPSK	75	0	19.59	19.83	19.61	19.63		
15	16QAM	1	0	19.41	19.40	19.35	19.45	20.5	0
15	16QAM	1	37	19.35	19.29	19.28	19.42		
15	16QAM	1	74	19.54	19.45	19.31	19.24		
15	16QAM	36	0	19.49	19.47	19.50	19.48	20.5	0
15	16QAM	36	20	19.42	19.46	19.23	19.42		
15	16QAM	36	39	19.55	19.43	19.28	19.35		
15	16QAM	75	0	19.52	19.58	19.53	19.47		
15	64QAM	1	0	19.39	19.36	19.13	19.27	20.5	0
15	64QAM	1	37	19.41	19.41	19.21	19.24		
15	64QAM	1	74	19.50	19.38	19.54	19.58		
15	64QAM	36	0	19.64	19.69	19.59	19.44	20.5	0
15	64QAM	36	20	19.31	19.56	19.27	19.39		
15	64QAM	36	39	19.42	19.38	19.29	19.35		
15	64QAM	75	0	19.37	19.65	19.57	19.49		
15	256QAM	1	0	18.20	18.26	17.92	18.16	19	1.5
15	256QAM	1	37	18.05	18.09	17.94	17.96		
15	256QAM	1	74	18.19	18.18	18.03	18.15		
15	256QAM	36	0	18.21	18.19	17.99	18.05	19	1.5
15	256QAM	36	20	18.23	18.18	17.98	18.02		
15	256QAM	36	39	18.15	18.37	17.95	18.08		
15	256QAM	75	0	18.40	18.24	18.05	18.00		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3692		
10	QPSK	1	0	19.75	19.78	19.57	19.57	20.5	0
10	QPSK	1	25	19.50	19.70	19.32	19.53		
10	QPSK	1	49	19.57	19.52	19.34	19.40		
10	QPSK	25	0	19.53	19.73	19.71	19.59	20.5	0
10	QPSK	25	12	19.66	19.69	19.65	19.40		
10	QPSK	25	25	19.56	19.76	19.36	19.35		
10	QPSK	50	0	19.60	19.80	19.69	19.65		
10	16QAM	1	0	19.35	19.43	19.32	19.47	20.5	0
10	16QAM	1	25	19.37	19.25	19.19	19.48		
10	16QAM	1	49	19.51	19.39	19.26	19.21		
10	16QAM	25	0	19.43	19.49	19.56	19.50	20.5	0
10	16QAM	25	12	19.32	19.37	19.33	19.44		
10	16QAM	25	25	19.59	19.35	19.31	19.31		
10	16QAM	50	0	19.42	19.64	19.56	19.54		
10	64QAM	1	0	19.47	19.38	19.15	19.30	20.5	0
10	64QAM	1	25	19.51	19.42	19.22	19.20		
10	64QAM	1	49	19.51	19.38	19.61	19.59		
10	64QAM	25	0	19.64	19.40	19.52	19.53	20.5	0
10	64QAM	25	12	19.21	19.66	19.23	19.40		
10	64QAM	25	25	19.46	19.46	19.33	19.30		
10	64QAM	50	0	19.39	19.63	19.60	19.45		
10	256QAM	1	0	18.24	18.23	17.95	18.13	19	1.5
10	256QAM	1	25	18.08	18.11	17.87	17.97		
10	256QAM	1	49	18.24	18.13	18.02	18.07		
10	256QAM	25	0	18.23	18.16	17.88	18.05	19	1.5
10	256QAM	25	12	18.21	18.13	17.89	17.96		
10	256QAM	25	25	18.13	18.37	17.91	18.09		
10	256QAM	50	0	18.40	18.27	18.15	18.08		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	19.78	19.81	19.61	19.65	20.5	0
5	QPSK	1	12	19.50	19.70	19.32	19.57		
5	QPSK	1	24	19.59	19.63	19.40	19.40		
5	QPSK	12	0	19.51	19.30	19.67	19.59	20.5	0
5	QPSK	12	7	19.62	19.45	19.23	19.35		
5	QPSK	12	13	19.52	19.67	19.42	19.30		
5	QPSK	25	0	19.60	19.74	19.66	19.55		
5	16QAM	1	0	19.38	19.43	19.27	19.51	20.5	0
5	16QAM	1	12	19.36	19.22	19.26	19.44		
5	16QAM	1	24	19.59	19.49	19.30	19.21		
5	16QAM	12	0	19.53	19.49	19.54	19.45	20.5	0
5	16QAM	12	7	19.37	19.41	19.26	19.45		
5	16QAM	12	13	19.52	19.34	19.30	19.35		
5	16QAM	25	0	19.51	19.56	19.64	19.57	20.5	0
5	64QAM	1	0	19.38	19.36	19.21	19.25		
5	64QAM	1	12	19.52	19.51	19.28	19.19		
5	64QAM	1	24	19.47	19.38	19.55	19.56		
5	64QAM	12	0	19.59	19.69	19.53	19.43	20.5	0
5	64QAM	12	7	19.28	19.64	19.29	19.46		
5	64QAM	12	13	19.51	19.46	19.27	19.37		
5	64QAM	25	0	19.39	19.62	19.59	19.50		
5	256QAM	1	0	18.16	18.24	17.91	18.14	19	1.5
5	256QAM	1	12	18.03	18.15	17.94	17.96		
5	256QAM	1	24	18.24	18.18	17.97	18.13		
5	256QAM	12	0	18.32	18.27	17.99	17.95	19	1.5
5	256QAM	12	7	18.21	18.13	17.91	17.99		
5	256QAM	12	13	18.15	18.29	17.88	18.05		
5	256QAM	25	0	18.33	18.18	18.13	18.05		

Band 48_FCC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3680	3609	3641	3690		
20	QPSK	1	0	22.03	22.33	22.15	22.25	23	0
20	QPSK	1	49	22.09	22.19	22.18	22.09		
20	QPSK	1	99	22.08	22.15	22.01	22.13		
20	QPSK	50	0	22.03	22.26	21.91	21.89		
20	QPSK	50	24	21.86	22.23	21.92	22.01		
20	QPSK	50	50	21.90	22.13	21.90	21.83		
20	QPSK	100	0	22.05	22.23	21.85	21.92		
20	16QAM	1	0	22.01	22.23	21.84	21.78	23	0
20	16QAM	1	49	21.93	22.17	21.80	21.84		
20	16QAM	1	99	21.82	22.19	21.95	21.91		
20	16QAM	50	0	21.99	22.23	21.86	21.94		
20	16QAM	50	24	22.13	22.20	21.84	21.97	23	0
20	16QAM	50	50	22.01	22.21	21.86	21.97		
20	16QAM	100	0	22.10	22.14	21.83	21.92		
20	64QAM	1	0	21.90	22.22	22.03	22.02		
20	64QAM	1	49	22.12	22.31	22.04	21.96	23	0
20	64QAM	1	99	21.90	22.24	21.88	21.86		
20	64QAM	50	0	20.98	21.29	20.97	20.89		
20	64QAM	50	24	20.90	21.22	21.00	20.98	22	1
20	64QAM	50	50	20.94	21.16	20.89	20.90		
20	64QAM	100	0	21.09	21.38	21.00	21.02		
20	256QAM	1	0	18.99	19.17	19.07	18.91		
20	256QAM	1	49	18.91	19.36	18.96	18.95	20	3
20	256QAM	1	99	18.89	19.34	18.99	19.05		
20	256QAM	50	0	19.14	19.31	18.92	19.01		
20	256QAM	50	24	19.08	19.38	19.02	18.90	20	3
20	256QAM	50	50	18.97	19.38	18.92	18.92		
20	256QAM	100	0	19.08	19.23	18.97	19.10		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.96	22.23	22.11	22.13	23	0
15	QPSK	1	37	22.05	22.09	22.09	22.02		
15	QPSK	1	74	22.00	22.03	21.97	22.06		
15	QPSK	36	0	21.91	22.15	21.84	21.85		
15	QPSK	36	20	21.73	22.18	21.90	21.96	23	0
15	QPSK	36	39	21.88	22.06	21.80	21.77		
15	QPSK	75	0	21.97	22.14	21.74	21.79		
15	16QAM	1	0	21.98	22.00	21.77	21.73		
15	16QAM	1	37	21.90	22.08	21.66	21.77	23	0
15	16QAM	1	74	21.75	21.95	21.93	21.87		
15	16QAM	36	0	21.89	22.17	21.75	21.89		
15	16QAM	36	20	22.05	22.12	21.73	21.86	23	0
15	16QAM	36	39	21.93	22.15	21.78	21.90		
15	16QAM	75	0	22.00	22.09	21.78	21.85		
15	64QAM	1	0	21.84	22.16	21.94	21.94		
15	64QAM	1	37	22.01	22.30	21.98	21.92	23	0
15	64QAM	1	74	21.95	22.12	21.99	21.95		
15	64QAM	36	0	20.92	21.24	20.90	20.85		
15	64QAM	36	20	20.81	21.14	20.95	20.91	22	1
15	64QAM	36	39	20.88	21.05	20.83	20.80		
15	64QAM	75	0	20.98	21.31	20.91	20.83		
15	256QAM	1	0	18.88	19.07	19.01	18.99		
15	256QAM	1	37	18.80	19.28	18.95	18.89	20	3
15	256QAM	1	74	18.95	19.30	18.92	18.95		
15	256QAM	36	0	19.05	19.24	18.81	18.93		
15	256QAM	36	20	19.03	19.28	18.97	18.81	20	3
15	256QAM	36	39	18.91	19.31	18.81	18.83		
15	256QAM	75	0	18.96	19.19	18.91	19.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	21.94	22.27	22.10	22.20	23	0
10	QPSK	1	25	22.07	22.05	22.16	21.95		
10	QPSK	1	49	21.96	22.00	21.97	22.08		
10	QPSK	25	0	21.96	22.13	21.88	21.81		
10	QPSK	25	12	21.76	22.11	21.81	21.92	23	0
10	QPSK	25	25	21.88	22.05	21.82	21.79		
10	QPSK	50	0	21.96	22.15	21.77	21.89		
10	16QAM	1	0	21.88	22.09	21.75	21.70		
10	16QAM	1	25	21.83	22.09	21.72	21.76	23	0
10	16QAM	1	49	21.80	21.93	21.88	21.86		
10	16QAM	25	0	21.91	22.12	21.79	21.86		
10	16QAM	25	12	22.07	22.10	21.72	21.85	23	0
10	16QAM	25	25	21.92	22.11	21.77	21.91		
10	16QAM	50	0	22.02	22.06	21.76	21.81		
10	64QAM	1	0	21.79	22.12	21.93	21.92		
10	64QAM	1	25	22.06	22.23	21.92	21.79	23	0
10	64QAM	1	49	21.82	22.17	21.80	21.79		
10	64QAM	25	0	20.87	21.25	20.88	20.80		
10	64QAM	25	12	20.79	21.13	20.95	20.91	22	1
10	64QAM	25	25	20.83	21.05	20.83	20.82		
10	64QAM	50	0	21.04	21.33	20.90	20.95		
10	256QAM	1	0	18.92	19.13	18.95	18.85		
10	256QAM	1	25	18.82	19.28	18.87	18.86	20	3
10	256QAM	1	49	18.83	19.28	18.92	18.94		
10	256QAM	25	0	19.03	19.22	18.86	18.92		
10	256QAM	25	12	18.99	19.27	18.98	18.81	20	3
10	256QAM	25	25	18.85	19.28	18.84	18.88		
10	256QAM	50	0	18.99	19.13	18.90	19.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.98	22.31	22.03	22.22	23	0
5	QPSK	1	12	22.01	22.14	22.11	22.04		
5	QPSK	1	24	22.02	22.03	21.94	22.11		
5	QPSK	12	0	21.98	22.19	21.85	21.83		
5	QPSK	12	7	21.76	22.19	21.86	21.89	23	0
5	QPSK	12	13	21.81	21.99	21.79	21.73		
5	QPSK	25	0	21.91	22.17	21.71	21.88		
5	16QAM	1	0	21.88	22.13	21.81	21.66		
5	16QAM	1	12	21.89	22.04	21.69	21.79	23	0
5	16QAM	1	24	21.69	21.93	21.88	21.84		
5	16QAM	12	0	21.92	22.15	21.82	21.88		
5	16QAM	12	7	22.02	22.10	21.75	21.85	23	0
5	16QAM	12	13	21.94	22.17	21.78	21.88		
5	16QAM	25	0	22.02	22.02	21.76	21.88		
5	64QAM	1	0	21.79	22.12	21.97	21.91		
5	64QAM	1	12	22.02	22.28	21.93	21.89	23	0
5	64QAM	1	24	21.78	22.14	21.79	21.81		
5	64QAM	12	0	20.92	21.22	20.90	20.82		
5	64QAM	12	7	20.79	21.11	20.94	20.87	22	1
5	64QAM	12	13	20.87	21.11	20.83	20.82		
5	64QAM	25	0	20.98	21.28	20.90	20.95		
5	256QAM	1	0	18.90	19.09	18.96	18.86		
5	256QAM	1	12	18.83	19.28	18.88	18.87	20	3
5	256QAM	1	24	18.85	19.27	18.94	18.95		
5	256QAM	12	0	19.08	19.22	18.95	18.89		
5	256QAM	12	7	18.98	19.33	18.93	18.95	20	3
5	256QAM	12	13	18.95	19.28	18.93	18.86		
5	256QAM	25	0	19.01	19.14	18.87	18.98		

Reduced Power Mode for Other PA DSI 7

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	14.22	14.37	13.94	15.4	0
20	QPSK	1	49	14.13	14.26	14.08		
20	QPSK	1	99	13.98	14.11	13.92		
20	QPSK	50	0	14.04	14.29	13.97	15.4	0
20	QPSK	50	24	13.94	14.15	14.02		
20	QPSK	50	50	14.04	14.26	13.94		
20	QPSK	100	0	13.97	14.27	13.93		
20	16QAM	1	0	13.96	14.24	13.99	15.4	0
20	16QAM	1	49	14.09	14.27	13.99		
20	16QAM	1	99	13.93	14.09	13.92		
20	16QAM	50	0	14.17	14.28	13.89	15.4	0
20	16QAM	50	24	14.09	14.21	14.03		
20	16QAM	50	50	13.87	14.07	13.84		
20	16QAM	100	0	13.90	14.18	13.94		
20	64QAM	1	0	13.80	14.10	13.89	15.4	0
20	64QAM	1	49	13.93	14.21	13.89		
20	64QAM	1	99	13.84	14.24	13.86		
20	64QAM	50	0	13.90	14.21	13.87	15.4	0
20	64QAM	50	24	14.10	14.35	13.88		
20	64QAM	50	50	14.09	14.18	14.02		
20	64QAM	100	0	13.94	14.04	13.88		
20	256QAM	1	0	13.95	14.20	13.94	15.4	0
20	256QAM	1	49	13.86	14.07	13.95		
20	256QAM	1	99	13.90	14.23	13.89		
20	256QAM	50	0	13.88	14.23	13.86	15.4	0
20	256QAM	50	24	13.86	14.11	13.96		
20	256QAM	50	50	13.95	14.19	13.96		
20	256QAM	100	0	13.85	14.03	13.80		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	14.14	14.24	13.80	15.4	0
15	QPSK	1	37	14.04	14.18	13.94		
15	QPSK	1	74	13.86	14.04	13.79		
15	QPSK	36	0	13.92	14.18	13.92	15.4	0
15	QPSK	36	20	13.92	14.03	13.98		
15	QPSK	36	39	13.91	14.18	13.88		
15	QPSK	75	0	13.89	14.24	13.81		
15	16QAM	1	0	13.84	14.19	13.86	15.4	0
15	16QAM	1	37	14.06	14.14	13.91		
15	16QAM	1	74	13.85	13.99	13.89		
15	16QAM	36	0	14.12	14.23	13.85	15.4	0
15	16QAM	36	20	14.01	14.10	14.00		
15	16QAM	36	39	13.77	14.02	13.80		
15	16QAM	75	0	13.82	14.13	13.89		
15	64QAM	1	0	13.75	14.03	13.80	15.4	0
15	64QAM	1	37	13.81	14.08	13.81		
15	64QAM	1	74	13.76	14.20	13.73		
15	64QAM	36	0	13.80	14.14	13.77	15.4	0
15	64QAM	36	20	14.00	14.12	13.76		
15	64QAM	36	39	14.02	14.12	13.90		
15	64QAM	75	0	13.87	14.00	13.76		
15	256QAM	1	0	13.88	14.10	13.81	15.4	0
15	256QAM	1	37	13.72	13.99	13.83		
15	256QAM	1	74	13.87	14.10	13.84		
15	256QAM	36	0	13.86	14.16	13.84	15.4	0
15	256QAM	36	20	13.75	14.01	13.92		
15	256QAM	36	39	13.83	14.06	13.86		
15	256QAM	75	0	13.73	14.00	13.72		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	14.11	14.12	13.85	15.4	0
10	QPSK	1	25	14.10	14.18	13.95		
10	QPSK	1	49	13.90	14.07	13.80		
10	QPSK	25	0	13.98	14.21	13.92	15.4	0
10	QPSK	25	12	13.80	14.08	13.98		
10	QPSK	25	25	14.01	14.22	13.85		
10	QPSK	50	0	13.83	14.15	13.85		
10	16QAM	1	0	13.88	14.19	13.97	15.4	0
10	16QAM	1	25	14.04	14.13	13.93		
10	16QAM	1	49	13.86	13.97	13.84		
10	16QAM	25	0	14.12	14.19	13.80	15.4	0
10	16QAM	25	12	13.98	14.15	14.00		
10	16QAM	25	25	13.74	13.95	13.79		
10	16QAM	50	0	13.78	14.09	13.83		
10	64QAM	1	0	13.78	13.96	13.81	15.4	0
10	64QAM	1	25	13.87	14.11	13.86		
10	64QAM	1	49	13.81	14.20	13.74		
10	64QAM	25	0	13.88	14.09	13.78	15.4	0
10	64QAM	25	12	13.97	14.11	13.77		
10	64QAM	25	25	14.02	14.08	13.92		
10	64QAM	50	0	13.87	13.95	13.80		
10	256QAM	1	0	13.89	14.17	13.80	15.4	0
10	256QAM	1	25	13.81	13.96	13.83		
10	256QAM	1	49	13.79	14.11	13.82		
10	256QAM	25	0	13.77	14.10	13.77	15.4	0
10	256QAM	25	12	13.73	14.03	13.92		
10	256QAM	25	25	13.84	14.17	13.83		
10	256QAM	50	0	13.75	13.93	13.76		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	14.15	14.15	13.90	15.4	0
5	QPSK	1	12	14.11	14.20	13.96		
5	QPSK	1	24	13.95	14.05	13.79		
5	QPSK	12	0	13.96	14.22	13.91	15.4	0
5	QPSK	12	7	13.86	14.10	13.92		
5	QPSK	12	13	13.99	14.13	13.86		
5	QPSK	25	0	13.95	14.14	13.84		
5	16QAM	1	0	13.83	14.21	13.86	15.4	0
5	16QAM	1	12	13.99	14.13	13.86		
5	16QAM	1	24	13.90	13.99	13.80		
5	16QAM	12	0	14.08	14.22	13.83	15.4	0
5	16QAM	12	7	14.00	14.09	14.00		
5	16QAM	12	13	13.73	14.05	13.77		
5	16QAM	25	0	13.79	14.09	13.88		
5	64QAM	1	0	13.76	14.00	13.80	15.4	0
5	64QAM	1	12	13.80	14.18	13.79		
5	64QAM	1	24	13.72	14.20	13.80		
5	64QAM	12	0	13.86	14.08	13.85	15.4	0
5	64QAM	12	7	14.07	14.26	13.86		
5	64QAM	12	13	14.04	14.14	13.96		
5	64QAM	25	0	13.88	14.00	13.80		
5	256QAM	1	0	13.86	14.15	13.83	15.4	0
5	256QAM	1	12	13.75	14.02	13.90		
5	256QAM	1	24	13.81	14.09	13.81		
5	256QAM	12	0	13.86	14.09	13.75	15.4	0
5	256QAM	12	7	13.75	14.03	13.82		
5	256QAM	12	13	13.84	14.15	13.82		
5	256QAM	25	0	13.77	13.94	13.70		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	14.09	14.33	13.90	15.4	0
3	QPSK	1	8	14.11	14.22	14.02		
3	QPSK	1	14	13.89	14.00	13.85		
3	QPSK	8	0	13.96	14.20	13.91	15.4	0
3	QPSK	8	4	13.88	14.13	13.89		
3	QPSK	8	7	13.94	14.16	13.84		
3	QPSK	15	0	13.87	14.24	13.88		
3	16QAM	1	0	13.93	14.18	13.88	15.4	0
3	16QAM	1	8	13.97	14.16	13.93		
3	16QAM	1	14	13.84	13.96	13.83		
3	16QAM	8	0	14.12	14.05	13.82	15.4	0
3	16QAM	8	4	13.98	14.10	13.99		
3	16QAM	8	7	13.75	14.05	13.76		
3	16QAM	15	0	13.77	14.05	13.90		
3	64QAM	1	0	13.71	14.03	13.75	15.4	0
3	64QAM	1	8	13.83	14.09	13.77		
3	64QAM	1	14	13.71	14.11	13.82		
3	64QAM	8	0	13.77	14.13	13.76	15.4	0
3	64QAM	8	4	14.05	14.00	13.83		
3	64QAM	8	7	14.01	14.06	13.94		
3	64QAM	15	0	13.85	13.92	13.80		
3	256QAM	1	0	13.92	14.16	13.83	15.4	0
3	256QAM	1	8	13.73	13.97	13.87		
3	256QAM	1	14	13.83	14.09	13.76		
3	256QAM	8	0	13.77	14.17	13.79	15.4	0
3	256QAM	8	4	13.81	14.07	13.90		
3	256QAM	8	7	13.91	14.13	13.87		
3	256QAM	15	0	13.80	13.95	13.76		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	14.15	14.24	13.82	15.4	0
1.4	QPSK	1	3	14.03	14.23	14.00		
1.4	QPSK	1	5	13.93	13.99	13.82		
1.4	QPSK	3	0	13.90	14.25	13.88		
1.4	QPSK	3	1	13.91	14.05	13.90		
1.4	QPSK	3	3	13.97	14.20	13.84		
1.4	QPSK	6	0	13.91	14.23	13.85	15.4	0
1.4	16QAM	1	0	13.83	14.10	13.92	15.4	0
1.4	16QAM	1	3	13.98	14.23	13.94		
1.4	16QAM	1	5	13.86	13.97	13.84		
1.4	16QAM	3	0	14.04	14.22	13.81		
1.4	16QAM	3	1	13.96	14.15	13.89		
1.4	16QAM	3	3	13.80	13.94	13.76		
1.4	16QAM	6	0	13.84	14.09	13.85	15.4	0
1.4	64QAM	1	0	13.71	13.96	13.86	15.4	0
1.4	64QAM	1	3	13.90	14.19	13.83		
1.4	64QAM	1	5	13.79	14.18	13.83		
1.4	64QAM	3	0	13.84	14.11	13.84		
1.4	64QAM	3	1	14.08	14.00	13.76		
1.4	64QAM	3	3	14.01	14.07	13.98		
1.4	64QAM	6	0	13.88	13.95	13.78	15.4	0
1.4	256QAM	1	0	13.82	14.13	13.91	15.4	0
1.4	256QAM	1	3	13.79	14.03	13.91		
1.4	256QAM	1	5	13.82	14.11	13.84		
1.4	256QAM	3	0	13.76	14.12	13.80		
1.4	256QAM	3	1	13.82	14.02	13.91		
1.4	256QAM	3	3	13.93	14.13	13.93		
1.4	256QAM	6	0	13.76	13.98	13.71	15.4	0

Band 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	17.38	17.53	17.48	19	0
20	QPSK	1	49	17.27	17.50	17.34		
20	QPSK	1	99	17.33	17.47	17.36		
20	QPSK	50	0	17.22	17.51	17.26	19	0
20	QPSK	50	24	17.36	17.38	17.50		
20	QPSK	50	50	17.19	17.37	17.41		
20	QPSK	100	0	17.39	17.43	17.42		
20	16QAM	1	0	17.19	17.24	17.33	19	0
20	16QAM	1	49	17.22	17.34	17.40		
20	16QAM	1	99	17.29	17.38	17.41		
20	16QAM	50	0	17.32	17.49	17.40	19	0
20	16QAM	50	24	17.18	17.48	17.31		
20	16QAM	50	50	17.20	17.44	17.26		
20	16QAM	100	0	17.20	17.46	17.19		
20	64QAM	1	0	17.31	17.34	17.48	19	0
20	64QAM	1	49	17.08	17.33	17.35		
20	64QAM	1	99	17.26	17.38	17.34		
20	64QAM	50	0	17.33	17.50	17.42	19	0
20	64QAM	50	24	17.35	17.47	17.36		
20	64QAM	50	50	17.17	17.37	17.20		
20	64QAM	100	0	17.26	17.38	17.28		
20	256QAM	1	0	17.10	17.48	17.19	19	0
20	256QAM	1	49	17.26	17.27	17.40		
20	256QAM	1	99	17.14	17.34	17.28		
20	256QAM	50	0	17.26	17.39	17.35	19	0
20	256QAM	50	24	17.10	17.17	17.30		
20	256QAM	50	50	17.14	17.23	17.30		
20	256QAM	100	0	17.16	17.26	17.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.36	17.50	17.37	19	0
15	QPSK	1	37	17.15	17.44	17.22		
15	QPSK	1	74	17.20	17.40	17.24		
15	QPSK	36	0	17.19	17.47	17.19	19	0
15	QPSK	36	20	17.23	17.28	17.44		
15	QPSK	36	39	17.15	17.31	17.34		
15	QPSK	75	0	17.30	17.33	17.38		
15	16QAM	1	0	17.08	17.12	17.21	19	0
15	16QAM	1	37	17.20	17.30	17.36		
15	16QAM	1	74	17.25	17.28	17.28		
15	16QAM	36	0	17.26	17.46	17.32	19	0
15	16QAM	36	20	17.11	17.41	17.24		
15	16QAM	36	39	17.14	17.33	17.13		
15	16QAM	75	0	17.14	17.38	17.12		
15	64QAM	1	0	17.24	17.30	17.40	19	0
15	64QAM	1	37	17.02	17.26	17.32		
15	64QAM	1	74	17.24	17.33	17.31		
15	64QAM	36	0	17.20	17.40	17.37	19	0
15	64QAM	36	20	17.21	17.43	17.33		
15	64QAM	36	39	17.13	17.27	17.17		
15	64QAM	75	0	17.18	17.33	17.20		
15	256QAM	1	0	17.25	17.42	17.07	19	0
15	256QAM	1	37	17.17	17.18	17.34		
15	256QAM	1	74	17.01	17.25	17.22		
15	256QAM	36	0	17.15	17.35	17.31	19	0
15	256QAM	36	20	17.04	17.07	17.25		
15	256QAM	36	39	17.02	17.20	17.23		
15	256QAM	75	0	17.08	17.23	17.24		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.32	17.45	17.40	19	0
10	QPSK	1	25	17.25	17.47	17.21		
10	QPSK	1	49	17.29	17.43	17.23		
10	QPSK	25	0	17.10	17.48	17.13	19	0
10	QPSK	25	12	17.23	17.24	17.40		
10	QPSK	25	25	17.14	17.28	17.31		
10	QPSK	50	0	17.25	17.34	17.31		
10	16QAM	1	0	17.14	17.21	17.22	19	0
10	16QAM	1	25	17.14	17.26	17.31		
10	16QAM	1	49	17.17	17.31	17.28		
10	16QAM	25	0	17.20	17.46	17.37	19	0
10	16QAM	25	12	17.12	17.38	17.19		
10	16QAM	25	25	17.10	17.36	17.21		
10	16QAM	50	0	17.18	17.37	17.09		
10	64QAM	1	0	17.29	17.31	17.45	19	0
10	64QAM	1	25	17.25	17.24	17.22		
10	64QAM	1	49	17.24	17.32	17.28		
10	64QAM	25	0	17.29	17.40	17.30	19	0
10	64QAM	25	12	17.29	17.34	17.30		
10	64QAM	25	25	17.04	17.28	17.07		
10	64QAM	50	0	17.19	17.26	17.25		
10	256QAM	1	0	17.01	17.41	17.06	19	0
10	256QAM	1	25	17.22	17.24	17.37		
10	256QAM	1	49	17.04	17.25	17.18		
10	256QAM	25	0	17.23	17.28	17.21	19	0
10	256QAM	25	12	17.03	17.14	17.23		
10	256QAM	25	25	17.04	17.17	17.22		
10	256QAM	50	0	17.03	17.16	17.20		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.31	17.50	17.35	19	0
5	QPSK	1	12	17.18	17.40	17.26		
5	QPSK	1	24	17.19	17.33	17.22		
5	QPSK	12	0	17.10	17.45	17.17	19	0
5	QPSK	12	7	17.32	17.33	17.46		
5	QPSK	12	13	17.08	17.27	17.38		
5	QPSK	25	0	17.25	17.30	17.32		
5	16QAM	1	0	17.08	17.21	17.23	19	0
5	16QAM	1	12	17.14	17.30	17.32		
5	16QAM	1	24	17.21	17.33	17.39		
5	16QAM	12	0	17.25	17.39	17.34	19	0
5	16QAM	12	7	17.07	17.40	17.21		
5	16QAM	12	13	17.11	17.42	17.23		
5	16QAM	25	0	17.12	17.43	17.07		
5	64QAM	1	0	17.25	17.28	17.36	19	0
5	64QAM	1	12	17.25	17.26	17.21		
5	64QAM	1	24	17.20	17.34	17.25		
5	64QAM	12	0	17.27	17.40	17.31	19	0
5	64QAM	12	7	17.31	17.41	17.27		
5	64QAM	12	13	17.07	17.32	17.18		
5	64QAM	25	0	17.23	17.30	17.15		
5	256QAM	1	0	17.02	17.40	17.06	19	0
5	256QAM	1	12	17.14	17.24	17.29		
5	256QAM	1	24	17.06	17.21	17.25		
5	256QAM	12	0	17.19	17.33	17.32	19	0
5	256QAM	12	7	17.25	17.13	17.17		
5	256QAM	12	13	17.07	17.14	17.27		
5	256QAM	25	0	17.14	17.16	17.25		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.31	17.44	17.37	19	0
3	QPSK	1	8	17.24	17.39	17.27		
3	QPSK	1	14	17.30	17.45	17.30		
3	QPSK	8	0	17.16	17.37	17.14	19	0
3	QPSK	8	4	17.31	17.34	17.37		
3	QPSK	8	7	17.13	17.26	17.28		
3	QPSK	15	0	17.32	17.33	17.36		
3	16QAM	1	0	17.09	17.14	17.20	19	0
3	16QAM	1	8	17.12	17.24	17.27		
3	16QAM	1	14	17.20	17.31	17.35		
3	16QAM	8	0	17.22	17.43	17.30	19	0
3	16QAM	8	4	17.15	17.44	17.28		
3	16QAM	8	7	17.14	17.41	17.21		
3	16QAM	15	0	17.13	17.33	17.11		
3	64QAM	1	0	17.28	17.25	17.40	19	0
3	64QAM	1	8	17.25	17.23	17.28		
3	64QAM	1	14	17.16	17.30	17.28		
3	64QAM	8	0	17.28	17.39	17.31	19	0
3	64QAM	8	4	17.27	17.39	17.23		
3	64QAM	8	7	17.14	17.33	17.17		
3	64QAM	15	0	17.16	17.31	17.14		
3	256QAM	1	0	17.06	17.44	17.16	19	0
3	256QAM	1	8	17.19	17.13	17.26		
3	256QAM	1	14	17.04	17.32	17.18		
3	256QAM	8	0	17.15	17.27	17.23	19	0
3	256QAM	8	4	17.02	17.09	17.25		
3	256QAM	8	7	17.02	17.13	17.20		
3	256QAM	15	0	17.10	17.21	17.22		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.28	17.50	17.38	19	0
1.4	QPSK	1	3	17.23	17.41	17.24		
1.4	QPSK	1	5	17.24	17.39	17.31		
1.4	QPSK	3	0	17.11	17.45	17.23		
1.4	QPSK	3	1	17.28	17.34	17.48		
1.4	QPSK	3	3	17.08	17.33	17.38		
1.4	QPSK	6	0	17.29	17.29	17.37	19	0
1.4	16QAM	1	0	17.13	17.20	17.30	19	0
1.4	16QAM	1	3	17.09	17.21	17.34		
1.4	16QAM	1	5	17.23	17.25	17.39		
1.4	16QAM	3	0	17.23	17.40	17.37		
1.4	16QAM	3	1	17.09	17.42	17.24		
1.4	16QAM	3	3	17.16	17.36	17.15		
1.4	16QAM	6	0	17.12	17.42	17.12	19	0
1.4	64QAM	1	0	17.24	17.24	17.36	19	0
1.4	64QAM	1	3	17.03	17.20	17.30		
1.4	64QAM	1	5	17.23	17.30	17.24		
1.4	64QAM	3	0	17.24	17.37	17.32		
1.4	64QAM	3	1	17.27	17.44	17.31		
1.4	64QAM	3	3	17.15	17.25	17.12		
1.4	64QAM	6	0	17.12	17.35	17.24	19	0
1.4	256QAM	1	0	17.07	17.46	17.12	19	0
1.4	256QAM	1	3	17.15	17.24	17.28		
1.4	256QAM	1	5	17.11	17.23	17.22		
1.4	256QAM	3	0	17.18	17.36	17.25		
1.4	256QAM	3	1	17.03	17.15	17.21		
1.4	256QAM	3	3	17.03	17.19	17.24		
1.4	256QAM	6	0	17.13	17.19	17.21	19	0

Band 66

BW [MHz]	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	17.35	17.54	17.43	19	0
20	QPSK	1	49	17.24	17.46	17.32		
20	QPSK	1	99	17.28	17.45	17.29		
20	QPSK	50	0	17.19	17.48	17.20	19	0
20	QPSK	50	24	17.30	17.32	17.43		
20	QPSK	50	50	17.11	17.29	17.35		
20	QPSK	100	0	17.36	17.40	17.36		
20	16QAM	1	0	17.17	17.20	17.30	19	0
20	16QAM	1	49	17.20	17.27	17.36		
20	16QAM	1	99	17.23	17.32	17.35		
20	16QAM	50	0	17.30	17.41	17.32	19	0
20	16QAM	50	24	17.14	17.41	17.26		
20	16QAM	50	50	17.14	17.36	17.24		
20	16QAM	100	0	17.16	17.38	17.15		
20	64QAM	1	0	17.26	17.30	17.44	19	0
20	64QAM	1	49	17.02	17.30	17.32		
20	64QAM	1	99	17.24	17.32	17.28		
20	64QAM	50	0	17.26	17.45	17.38	19	0
20	64QAM	50	24	17.32	17.41	17.29		
20	64QAM	50	50	17.15	17.31	17.15		
20	64QAM	100	0	17.19	17.35	17.22		
20	256QAM	1	0	17.04	17.42	17.12	19	0
20	256QAM	1	49	17.18	17.22	17.35		
20	256QAM	1	99	17.07	17.31	17.26		
20	256QAM	50	0	17.18	17.34	17.27	19	0
20	256QAM	50	24	17.03	17.12	17.25		
20	256QAM	50	50	17.08	17.19	17.27		
20	256QAM	100	0	17.09	17.19	17.24		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.33	17.48	17.39	19	0
15	QPSK	1	37	17.19	17.42	17.27		
15	QPSK	1	74	17.22	17.39	17.21		
15	QPSK	36	0	17.11	17.40	17.15	19	0
15	QPSK	36	20	17.28	17.26	17.40		
15	QPSK	36	39	17.08	17.25	17.32		
15	QPSK	75	0	17.30	17.35	17.31		
15	16QAM	1	0	17.13	17.13	17.26	19	0
15	16QAM	1	37	17.16	17.21	17.34		
15	16QAM	1	74	17.19	17.27	17.31		
15	16QAM	36	0	17.22	17.36	17.29	19	0
15	16QAM	36	20	17.09	17.37	17.18		
15	16QAM	36	39	17.09	17.34	17.18		
15	16QAM	75	0	17.13	17.32	17.09		
15	64QAM	1	0	17.23	17.26	17.38	19	0
15	64QAM	1	37	17.24	17.25	17.27		
15	64QAM	1	74	17.19	17.26	17.23		
15	64QAM	36	0	17.22	17.41	17.31	19	0
15	64QAM	36	20	17.28	17.38	17.22		
15	64QAM	36	39	17.10	17.25	17.10		
15	64QAM	75	0	17.14	17.29	17.16		
15	256QAM	1	0	17.24	17.36	17.10	19	0
15	256QAM	1	37	17.15	17.16	17.31		
15	256QAM	1	74	17.00	17.24	17.22		
15	256QAM	36	0	17.12	17.29	17.20	19	0
15	256QAM	36	20	16.95	17.08	17.20		
15	256QAM	36	39	17.02	17.13	17.24		
15	256QAM	75	0	17.07	17.12	17.20		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.31	17.49	17.35	19	0
10	QPSK	1	25	17.17	17.41	17.25		
10	QPSK	1	49	17.26	17.40	17.23		
10	QPSK	25	0	17.12	17.41	17.12	19	0
10	QPSK	25	12	17.26	17.29	17.38		
10	QPSK	25	25	17.07	17.22	17.28		
10	QPSK	50	0	17.33	17.35	17.29		
10	16QAM	1	0	17.13	17.14	17.27	19	0
10	16QAM	1	25	17.17	17.24	17.31		
10	16QAM	1	49	17.16	17.29	17.32		
10	16QAM	25	0	17.25	17.36	17.25	19	0
10	16QAM	25	12	17.10	17.37	17.18		
10	16QAM	25	25	17.10	17.29	17.20		
10	16QAM	50	0	17.09	17.33	17.10		
10	64QAM	1	0	17.23	17.27	17.38	19	0
10	64QAM	1	25	17.24	17.24	17.26		
10	64QAM	1	49	17.18	17.27	17.21		
10	64QAM	25	0	17.22	17.39	17.36	19	0
10	64QAM	25	12	17.28	17.38	17.26		
10	64QAM	25	25	17.08	17.29	17.08		
10	64QAM	50	0	17.14	17.32	17.18		
10	256QAM	1	0	17.01	17.37	17.05	19	0
10	256QAM	1	25	17.14	17.19	17.27		
10	256QAM	1	49	17.05	17.27	17.24		
10	256QAM	25	0	17.11	17.27	17.19	19	0
10	256QAM	25	12	16.99	17.05	17.22		
10	256QAM	25	25	17.03	17.17	17.21		
10	256QAM	50	0	17.05	17.15	17.18		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.29	17.47	17.36	19	0
5	QPSK	1	12	17.21	17.38	17.27		
5	QPSK	1	24	17.23	17.39	17.24		
5	QPSK	12	0	17.16	17.44	17.16	19	0
5	QPSK	12	7	17.27	17.26	17.41		
5	QPSK	12	13	17.07	17.26	17.33		
5	QPSK	25	0	17.32	17.37	17.32		
5	16QAM	1	0	17.11	17.14	17.23	19	0
5	16QAM	1	12	17.13	17.22	17.31		
5	16QAM	1	24	17.18	17.28	17.32		
5	16QAM	12	0	17.27	17.35	17.29	19	0
5	16QAM	12	7	17.10	17.38	17.21		
5	16QAM	12	13	17.08	17.28	17.19		
5	16QAM	25	0	17.14	17.30	17.07		
5	64QAM	1	0	17.24	17.23	17.39	19	0
5	64QAM	1	12	17.24	17.25	17.29		
5	64QAM	1	24	17.18	17.25	17.25		
5	64QAM	12	0	17.23	17.39	17.33	19	0
5	64QAM	12	7	17.25	17.35	17.22		
5	64QAM	12	13	17.09	17.28	17.08		
5	64QAM	25	0	17.16	17.29	17.15		
5	256QAM	1	0	17.01	17.38	17.10	19	0
5	256QAM	1	12	17.11	17.15	17.29		
5	256QAM	1	24	17.05	17.25	17.21		
5	256QAM	12	0	17.14	17.30	17.23	19	0
5	256QAM	12	7	16.95	17.05	17.19		
5	256QAM	12	13	17.04	17.14	17.21		
5	256QAM	25	0	17.04	17.11	17.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.28	17.49	17.40	19	0
3	QPSK	1	8	17.22	17.42	17.28		
3	QPSK	1	14	17.21	17.41	17.23		
3	QPSK	8	0	17.11	17.42	17.14	19	0
3	QPSK	8	4	17.27	17.30	17.35		
3	QPSK	8	7	17.09	17.24	17.30		
3	QPSK	15	0	17.34	17.38	17.30		
3	16QAM	1	0	17.12	17.14	17.23	19	0
3	16QAM	1	8	17.14	17.23	17.33		
3	16QAM	1	14	17.18	17.26	17.29		
3	16QAM	8	0	17.27	17.38	17.29	19	0
3	16QAM	8	4	17.06	17.35	17.19		
3	16QAM	8	7	17.10	17.34	17.20		
3	16QAM	15	0	17.12	17.31	17.12		
3	64QAM	1	0	17.20	17.26	17.40	19	0
3	64QAM	1	8	17.24	17.23	17.29		
3	64QAM	1	14	17.18	17.27	17.22		
3	64QAM	8	0	17.21	17.39	17.36	19	0
3	64QAM	8	4	17.26	17.35	17.27		
3	64QAM	8	7	17.09	17.26	17.09		
3	64QAM	15	0	17.12	17.32	17.15		
3	256QAM	1	0	17.01	17.37	17.06	19	0
3	256QAM	1	8	17.10	17.17	17.28		
3	256QAM	1	14	17.05	17.27	17.20		
3	256QAM	8	0	17.15	17.28	17.23	19	0
3	256QAM	8	4	16.97	17.09	17.17		
3	256QAM	8	7	17.03	17.16	17.23		
3	256QAM	15	0	17.06	17.16	17.19		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.28	17.51	17.36	19	0
1.4	QPSK	1	3	17.22	17.43	17.28		
1.4	QPSK	1	5	17.26	17.43	17.24		
1.4	QPSK	3	0	17.12	17.43	17.17		
1.4	QPSK	3	1	17.23	17.25	17.38		
1.4	QPSK	3	3	17.04	17.23	17.28		
1.4	QPSK	6	0	17.32	17.34	17.28	19	0
1.4	16QAM	1	0	17.11	17.14	17.26	19	0
1.4	16QAM	1	3	17.15	17.24	17.28		
1.4	16QAM	1	5	17.20	17.25	17.31		
1.4	16QAM	3	0	17.26	17.37	17.24		
1.4	16QAM	3	1	17.12	17.35	17.20		
1.4	16QAM	3	3	17.08	17.32	17.19		
1.4	16QAM	6	0	17.08	17.32	17.12	19	0
1.4	64QAM	1	0	17.23	17.27	17.37	19	0
1.4	64QAM	1	3	17.24	17.28	17.25		
1.4	64QAM	1	5	17.19	17.29	17.24		
1.4	64QAM	3	0	17.21	17.41	17.35		
1.4	64QAM	3	1	17.30	17.35	17.21		
1.4	64QAM	3	3	17.09	17.24	17.10		
1.4	64QAM	6	0	17.17	17.29	17.16	19	0
1.4	256QAM	1	0	17.01	17.35	17.08	19	0
1.4	256QAM	1	3	17.13	17.17	17.30		
1.4	256QAM	1	5	17.24	17.29	17.19		
1.4	256QAM	3	0	17.14	17.31	17.21		
1.4	256QAM	3	1	17.24	17.09	17.23		
1.4	256QAM	3	3	17.24	17.12	17.22		
1.4	256QAM	6	0	17.04	17.16	17.19	19	0

Band 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.41	15.50	15.35	15.9	0
20	QPSK	1	49	15.18	15.36	15.36		
20	QPSK	1	99	15.26	15.30	15.35		
20	QPSK	50	0	15.23	15.48	15.36	15.9	0
20	QPSK	50	24	15.39	15.40	15.24		
20	QPSK	50	50	15.34	15.38	15.23		
20	QPSK	100	0	15.34	15.35	15.26		
20	16QAM	1	0	15.26	15.44	15.23	15.9	0
20	16QAM	1	49	15.41	15.34	15.36		
20	16QAM	1	99	15.25	15.37	15.27		
20	16QAM	50	0	15.33	15.38	15.33	15.9	0
20	16QAM	50	24	15.08	15.25	15.32		
20	16QAM	50	50	15.15	15.23	15.22		
20	16QAM	100	0	15.18	15.37	15.25		
20	64QAM	1	0	15.32	15.34	15.22	15.9	0
20	64QAM	1	49	15.30	15.28	15.10		
20	64QAM	1	99	15.20	15.31	15.15		
20	64QAM	50	0	15.17	15.33	15.15	15.9	0
20	64QAM	50	24	15.28	15.47	15.32		
20	64QAM	50	50	15.12	15.30	15.33		
20	64QAM	100	0	15.20	15.18	15.28		
20	256QAM	1	0	15.16	15.37	15.31	15.9	0
20	256QAM	1	49	15.28	15.36	15.18		
20	256QAM	1	99	15.26	15.25	15.12		
20	256QAM	50	0	15.27	15.23	15.24	15.9	0
20	256QAM	50	24	15.23	15.35	15.15		
20	256QAM	50	50	15.38	15.23	15.23		
20	256QAM	100	0	15.14	15.35	15.22		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.35	15.47	15.23	15.9	0
15	QPSK	1	37	15.13	15.31	15.23		
15	QPSK	1	74	15.18	15.23	15.22		
15	QPSK	36	0	15.16	15.37	15.34	15.9	0
15	QPSK	36	20	15.25	15.35	15.16		
15	QPSK	36	39	15.28	15.34	15.09		
15	QPSK	75	0	15.26	15.24	15.18		
15	16QAM	1	0	15.24	15.40	15.15	15.9	0
15	16QAM	1	37	15.30	15.22	15.22		
15	16QAM	1	74	15.17	15.24	15.23		
15	16QAM	36	0	15.19	15.36	15.23	15.9	0
15	16QAM	36	20	15.05	15.20	15.22		
15	16QAM	36	39	15.05	15.20	15.16		
15	16QAM	75	0	15.06	15.24	15.21		
15	64QAM	1	0	15.30	15.22	15.14	15.9	0
15	64QAM	1	37	15.25	15.23	15.00		
15	64QAM	1	74	15.12	15.21	15.06		
15	64QAM	36	0	15.09	15.23	15.07	15.9	0
15	64QAM	36	20	15.17	15.40	15.29		
15	64QAM	36	39	15.03	15.27	15.28		
15	64QAM	75	0	15.16	15.15	15.18		
15	256QAM	1	0	15.13	15.24	15.26	15.9	0
15	256QAM	1	37	15.23	15.23	15.05		
15	256QAM	1	74	15.18	15.22	15.06		
15	256QAM	36	0	15.21	15.09	15.11	15.9	0
15	256QAM	36	20	15.19	15.29	15.12		
15	256QAM	36	39	15.26	15.19	15.20		
15	256QAM	75	0	15.03	15.24	15.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.37	15.45	15.27	15.9	0
10	QPSK	1	25	15.11	15.25	15.28		
10	QPSK	1	49	15.17	15.26	15.27		
10	QPSK	25	0	15.18	15.43	15.25	15.9	0
10	QPSK	25	12	15.32	15.27	15.20		
10	QPSK	25	25	15.23	15.35	15.10		
10	QPSK	50	0	15.25	15.31	15.21		
10	16QAM	1	0	15.22	15.41	15.16	15.9	0
10	16QAM	1	25	15.28	15.27	15.24		
10	16QAM	1	49	15.13	15.27	15.18		
10	16QAM	25	0	15.21	15.33	15.27	15.9	0
10	16QAM	25	12	15.01	15.19	15.24		
10	16QAM	25	25	15.09	15.14	15.13		
10	16QAM	50	0	15.06	15.33	15.21		
10	64QAM	1	0	15.24	15.21	15.11	15.9	0
10	64QAM	1	25	15.22	15.25	15.06		
10	64QAM	1	49	15.06	15.26	15.13		
10	64QAM	25	0	15.09	15.23	15.02	15.9	0
10	64QAM	25	12	15.20	15.39	15.22		
10	64QAM	25	25	15.02	15.18	15.23		
10	64QAM	50	0	15.14	15.07	15.16		
10	256QAM	1	0	15.10	15.33	15.19	15.9	0
10	256QAM	1	25	15.25	15.31	15.05		
10	256QAM	1	49	15.21	15.16	14.99		
10	256QAM	25	0	15.17	15.18	15.10	15.9	0
10	256QAM	25	12	15.11	15.32	15.12		
10	256QAM	25	25	15.25	15.17	15.14		
10	256QAM	50	0	15.01	15.22	15.12		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.37	15.43	15.22	15.9	0
5	QPSK	1	12	15.08	15.24	15.27		
5	QPSK	1	24	15.15	15.23	15.26		
5	QPSK	12	0	15.12	15.35	15.25	15.9	0
5	QPSK	12	7	15.26	15.34	15.12		
5	QPSK	12	13	15.30	15.31	15.15		
5	QPSK	25	0	15.27	15.32	15.21		
5	16QAM	1	0	15.18	15.40	15.20	15.9	0
5	16QAM	1	12	15.31	15.24	15.24		
5	16QAM	1	24	15.20	15.25	15.17		
5	16QAM	12	0	15.28	15.25	15.26	15.9	0
5	16QAM	12	7	14.97	15.16	15.20		
5	16QAM	12	13	15.06	15.11	15.13		
5	16QAM	25	0	15.14	15.23	15.20		
5	64QAM	1	0	15.25	15.25	15.19	15.9	0
5	64QAM	1	12	15.19	15.22	15.06		
5	64QAM	1	24	15.15	15.21	15.08		
5	64QAM	12	0	15.10	15.24	15.10	15.9	0
5	64QAM	12	7	15.14	15.34	15.23		
5	64QAM	12	13	15.04	15.23	15.28		
5	64QAM	25	0	15.12	15.12	15.23		
5	256QAM	1	0	15.11	15.27	15.28	15.9	0
5	256QAM	1	12	15.19	15.26	15.08		
5	256QAM	1	24	15.18	15.16	15.05		
5	256QAM	12	0	15.17	15.12	15.20	15.9	0
5	256QAM	12	7	15.18	15.22	15.09		
5	256QAM	12	13	15.34	15.12	15.18		
5	256QAM	25	0	15.10	15.23	15.11		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.37	15.42	15.24	15.9	0
3	QPSK	1	8	15.12	15.27	15.24		
3	QPSK	1	14	15.12	15.23	15.22		
3	QPSK	8	0	15.19	15.34	15.26	15.9	0
3	QPSK	8	4	15.28	15.36	15.16		
3	QPSK	8	7	15.31	15.34	15.21		
3	QPSK	15	0	15.31	15.32	15.24		
3	16QAM	1	0	15.22	15.36	15.14	15.9	0
3	16QAM	1	8	15.35	15.24	15.30		
3	16QAM	1	14	15.13	15.30	15.20		
3	16QAM	8	0	15.20	15.33	15.20	15.9	0
3	16QAM	8	4	14.95	15.13	15.26		
3	16QAM	8	7	15.03	15.15	15.16		
3	16QAM	15	0	15.13	15.34	15.22		
3	64QAM	1	0	15.23	15.26	15.18	15.9	0
3	64QAM	1	8	15.24	15.20	15.04		
3	64QAM	1	14	15.10	15.20	15.08		
3	64QAM	8	0	15.11	15.27	15.02	15.9	0
3	64QAM	8	4	15.20	15.44	15.26		
3	64QAM	8	7	15.00	15.19	15.29		
3	64QAM	15	0	15.11	15.05	15.23		
3	256QAM	1	0	15.11	15.29	15.24	15.9	0
3	256QAM	1	8	15.19	15.32	15.11		
3	256QAM	1	14	15.22	15.18	15.04		
3	256QAM	8	0	15.16	15.10	15.10	15.9	0
3	256QAM	8	4	15.12	15.26	15.08		
3	256QAM	8	7	15.33	15.09	15.17		
3	256QAM	15	0	15.10	15.23	15.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.36	15.39	15.22	15.9	0
1.4	QPSK	1	3	15.16	15.25	15.29		
1.4	QPSK	1	5	15.23	15.23	15.24		
1.4	QPSK	3	0	15.13	15.40	15.22		
1.4	QPSK	3	1	15.30	15.29	15.19		
1.4	QPSK	3	3	15.20	15.35	15.18		
1.4	QPSK	6	0	15.30	15.29	15.24	15.9	0
1.4	16QAM	1	0	15.13	15.32	15.17	15.9	0
1.4	16QAM	1	3	15.35	15.23	15.25		
1.4	16QAM	1	5	15.20	15.30	15.16		
1.4	16QAM	3	0	15.22	15.31	15.29		
1.4	16QAM	3	1	15.05	15.13	15.20		
1.4	16QAM	3	3	15.06	15.20	15.09		
1.4	16QAM	6	0	15.12	15.31	15.18	15.9	0
1.4	64QAM	1	0	15.26	15.26	15.14	15.9	0
1.4	64QAM	1	3	15.26	15.23	15.08		
1.4	64QAM	1	5	15.06	15.26	15.05		
1.4	64QAM	3	0	15.05	15.23	15.11		
1.4	64QAM	3	1	15.24	15.36	15.29		
1.4	64QAM	3	3	15.01	15.16	15.25		
1.4	64QAM	6	0	15.16	15.06	15.23	15.9	0
1.4	256QAM	1	0	15.07	15.26	15.18	15.9	0
1.4	256QAM	1	3	15.15	15.24	15.05		
1.4	256QAM	1	5	15.17	15.17	15.05		
1.4	256QAM	3	0	15.22	15.13	15.11		
1.4	256QAM	3	1	15.19	15.28	15.06		
1.4	256QAM	3	3	15.34	15.19	15.20		
1.4	256QAM	6	0	15.05	15.22	15.20	15.9	0

Band 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	15.40	15.52	15.39	17.2	0
20	QPSK	1	49	15.35	15.30	15.36		
20	QPSK	1	99	15.40	15.42	15.31		
20	QPSK	50	0	15.40	15.48	15.21	17.2	0
20	QPSK	50	24	15.38	15.32	15.28		
20	QPSK	50	50	15.41	15.43	15.29		
20	QPSK	100	0	15.27	15.46	15.34		
20	16QAM	1	0	15.39	15.35	15.32	17.2	0
20	16QAM	1	49	15.36	15.34	15.32		
20	16QAM	1	99	15.39	15.35	15.31		
20	16QAM	50	0	15.36	15.33	15.32	17.2	0
20	16QAM	50	24	15.37	15.31	15.36		
20	16QAM	50	50	15.36	15.33	15.35		
20	16QAM	100	0	15.38	15.38	15.36		
20	64QAM	1	0	15.39	15.35	15.35	17.2	0
20	64QAM	1	49	15.38	15.33	15.37		
20	64QAM	1	99	15.34	15.36	15.34		
20	64QAM	50	0	15.35	15.37	15.31	17.2	0
20	64QAM	50	24	15.39	15.34	15.34		
20	64QAM	50	50	15.35	15.32	15.34		
20	64QAM	100	0	15.40	15.34	15.37		
20	256QAM	1	0	15.35	15.33	15.30	17.2	0
20	256QAM	1	49	15.40	15.36	15.37		
20	256QAM	1	99	15.39	15.36	15.38		
20	256QAM	50	0	15.41	15.32	15.36	17.2	0
20	256QAM	50	24	15.36	15.35	15.37		
20	256QAM	50	50	15.34	15.34	15.33		
20	256QAM	100	0	15.39	15.37	15.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.34	15.33	15.38	17.2	0
15	QPSK	1	37	15.40	15.33	15.35		
15	QPSK	1	74	15.34	15.39	15.35		
15	QPSK	36	0	15.39	15.39	15.33	17.2	0
15	QPSK	36	20	15.38	15.36	15.32		
15	QPSK	36	39	15.38	15.33	15.34		
15	QPSK	75	0	15.35	15.35	15.37		
15	16QAM	1	0	15.39	15.34	15.35	17.2	0
15	16QAM	1	37	15.41	15.39	15.34		
15	16QAM	1	74	15.36	15.31	15.32		
15	16QAM	36	0	15.36	15.34	15.32	17.2	0
15	16QAM	36	20	15.38	15.32	15.31		
15	16QAM	36	39	15.37	15.37	15.31		
15	16QAM	75	0	15.37	15.37	15.37		
15	64QAM	1	0	15.38	15.38	15.32	17.2	0
15	64QAM	1	37	15.40	15.34	15.34		
15	64QAM	1	74	15.34	15.37	15.31		
15	64QAM	36	0	15.40	15.37	15.36	17.2	0
15	64QAM	36	20	15.40	15.31	15.36		
15	64QAM	36	39	15.35	15.39	15.37		
15	64QAM	75	0	15.38	15.34	15.33		
15	256QAM	1	0	15.39	15.38	15.31	17.2	0
15	256QAM	1	37	15.33	15.32	15.36		
15	256QAM	1	74	15.39	15.38	15.34		
15	256QAM	36	0	15.39	15.39	15.33	17.2	0
15	256QAM	36	20	15.35	15.38	15.32		
15	256QAM	36	39	15.38	15.31	15.36		
15	256QAM	75	0	15.34	15.31	15.33		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.39	15.36	15.38	17.2	0
10	QPSK	1	25	15.41	15.31	15.32		
10	QPSK	1	49	15.38	15.34	15.37		
10	QPSK	25	0	15.35	15.34	15.32	17.2	0
10	QPSK	25	12	15.40	15.34	15.35		
10	QPSK	25	25	15.38	15.37	15.37		
10	QPSK	50	0	15.34	15.33	15.35		
10	16QAM	1	0	15.34	15.31	15.35	17.2	0
10	16QAM	1	25	15.39	15.35	15.30		
10	16QAM	1	49	15.36	15.34	15.36		
10	16QAM	25	0	15.39	15.38	15.36	17.2	0
10	16QAM	25	12	15.39	15.36	15.34		
10	16QAM	25	25	15.37	15.35	15.32		
10	16QAM	50	0	15.39	15.36	15.32		
10	64QAM	1	0	15.39	15.37	15.30	17.2	0
10	64QAM	1	25	15.35	15.36	15.33		
10	64QAM	1	49	15.37	15.33	15.32		
10	64QAM	25	0	15.41	15.35	15.37	17.2	0
10	64QAM	25	12	15.37	15.33	15.33		
10	64QAM	25	25	15.39	15.36	15.32		
10	64QAM	50	0	15.35	15.32	15.31		
10	256QAM	1	0	15.35	15.34	15.36	17.2	0
10	256QAM	1	25	15.38	15.32	15.33		
10	256QAM	1	49	15.39	15.36	15.34		
10	256QAM	25	0	15.39	15.39	15.34	17.2	0
10	256QAM	25	12	15.40	15.37	15.36		
10	256QAM	25	25	15.41	15.36	15.30		
10	256QAM	50	0	15.35	15.39	15.31		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.36	15.33	15.35	17.2	0
5	QPSK	1	12	15.36	15.37	15.30		
5	QPSK	1	24	15.34	15.38	15.32		
5	QPSK	12	0	15.41	15.33	15.31	17.2	0
5	QPSK	12	7	15.36	15.35	15.36		
5	QPSK	12	13	15.38	15.39	15.37		
5	QPSK	25	0	15.34	15.32	15.37		
5	16QAM	1	0	15.40	15.38	15.33	17.2	0
5	16QAM	1	12	15.33	15.38	15.35		
5	16QAM	1	24	15.35	15.34	15.37		
5	16QAM	12	0	15.37	15.34	15.33	17.2	0
5	16QAM	12	7	15.35	15.37	15.34		
5	16QAM	12	13	15.39	15.39	15.31		
5	16QAM	25	0	15.40	15.33	15.30		
5	64QAM	1	0	15.36	15.34	15.35	17.2	0
5	64QAM	1	12	15.38	15.32	15.34		
5	64QAM	1	24	15.40	15.37	15.38		
5	64QAM	12	0	15.33	15.31	15.33	17.2	0
5	64QAM	12	7	15.34	15.36	15.38		
5	64QAM	12	13	15.38	15.31	15.31		
5	64QAM	25	0	15.36	15.31	15.36		
5	256QAM	1	0	15.35	15.38	15.35	17.2	0
5	256QAM	1	12	15.36	15.32	15.37		
5	256QAM	1	24	15.34	15.34	15.36		
5	256QAM	12	0	15.33	15.37	15.32	17.2	0
5	256QAM	12	7	15.41	15.35	15.32		
5	256QAM	12	13	15.36	15.38	15.38		
5	256QAM	25	0	15.35	15.31	15.33		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.37	15.35	15.37	17.2	0
3	QPSK	1	8	15.35	15.34	15.32		
3	QPSK	1	14	15.37	15.38	15.37		
3	QPSK	8	0	15.40	15.33	15.32	17.2	0
3	QPSK	8	4	15.35	15.38	15.36		
3	QPSK	8	7	15.40	15.32	15.35		
3	QPSK	15	0	15.33	15.38	15.33		
3	16QAM	1	0	15.38	15.36	15.34	17.2	0
3	16QAM	1	8	15.33	15.35	15.35		
3	16QAM	1	14	15.40	15.37	15.32		
3	16QAM	8	0	15.40	15.35	15.34	17.2	0
3	16QAM	8	4	15.41	15.39	15.33		
3	16QAM	8	7	15.34	15.33	15.32		
3	16QAM	15	0	15.35	15.35	15.36		
3	64QAM	1	0	15.40	15.33	15.30	17.2	0
3	64QAM	1	8	15.36	15.38	15.36		
3	64QAM	1	14	15.34	15.36	15.32		
3	64QAM	8	0	15.36	15.32	15.30	17.2	0
3	64QAM	8	4	15.37	15.34	15.31		
3	64QAM	8	7	15.41	15.34	15.33		
3	64QAM	15	0	15.37	15.39	15.34		
3	256QAM	1	0	15.34	15.32	15.36	17.2	0
3	256QAM	1	8	15.40	15.34	15.35		
3	256QAM	1	14	15.36	15.37	15.35		
3	256QAM	8	0	15.37	15.33	15.35	17.2	0
3	256QAM	8	4	15.40	15.37	15.35		
3	256QAM	8	7	15.36	15.36	15.35		
3	256QAM	15	0	15.34	15.31	15.34		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.35	15.35	15.36	17.2	0
1.4	QPSK	1	3	15.33	15.34	15.36		
1.4	QPSK	1	5	15.36	15.33	15.32		
1.4	QPSK	3	0	15.37	15.38	15.31		
1.4	QPSK	3	1	15.38	15.36	15.37		
1.4	QPSK	3	3	15.35	15.36	15.31		
1.4	QPSK	6	0	15.38	15.32	15.36	17.2	0
1.4	16QAM	1	0	15.36	15.34	15.32	17.2	0
1.4	16QAM	1	3	15.38	15.32	15.38		
1.4	16QAM	1	5	15.34	15.32	15.37		
1.4	16QAM	3	0	15.39	15.33	15.33		
1.4	16QAM	3	1	15.38	15.36	15.32		
1.4	16QAM	3	3	15.39	15.39	15.32		
1.4	16QAM	6	0	15.41	15.33	15.31	17.2	0
1.4	64QAM	1	0	15.41	15.37	15.32	17.2	0
1.4	64QAM	1	3	15.38	15.33	15.35		
1.4	64QAM	1	5	15.36	15.38	15.37		
1.4	64QAM	3	0	15.39	15.33	15.30		
1.4	64QAM	3	1	15.36	15.39	15.36		
1.4	64QAM	3	3	15.38	15.32	15.31		
1.4	64QAM	6	0	15.35	15.32	15.34	17.2	0
1.4	256QAM	1	0	15.41	15.36	15.37	17.2	0
1.4	256QAM	1	3	15.39	15.34	15.30		
1.4	256QAM	1	5	15.39	15.34	15.36		
1.4	256QAM	3	0	15.34	15.36	15.36		
1.4	256QAM	3	1	15.36	15.37	15.37		
1.4	256QAM	3	3	15.39	15.37	15.33		
1.4	256QAM	6	0	15.39	15.37	15.34	17.2	0

Band 66

BW [MHz]	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	15.44	15.55	15.43	17.2	0
20	QPSK	1	49	15.38	15.36	15.39		
20	QPSK	1	99	15.46	15.45	15.37		
20	QPSK	50	0	15.43	15.50	15.25	17.2	0
20	QPSK	50	24	15.40	15.41	15.30		
20	QPSK	50	50	15.47	15.49	15.37		
20	QPSK	100	0	15.30	15.49	15.37		
20	16QAM	1	0	15.43	15.41	15.40	17.2	0
20	16QAM	1	49	15.38	15.42	15.24		
20	16QAM	1	99	15.45	15.50	15.40		
20	16QAM	50	0	15.37	15.48	15.29	17.2	0
20	16QAM	50	24	15.33	15.27	15.33		
20	16QAM	50	50	15.42	15.41	15.31		
20	16QAM	100	0	15.34	15.41	15.21		
20	64QAM	1	0	15.34	15.30	15.25	17.2	0
20	64QAM	1	49	15.44	15.42	15.24		
20	64QAM	1	99	15.22	15.37	15.29		
20	64QAM	50	0	15.30	15.31	15.31	17.2	0
20	64QAM	50	24	15.34	15.51	15.37		
20	64QAM	50	50	15.34	15.27	15.29		
20	64QAM	100	0	15.39	15.33	15.31		
20	256QAM	1	0	15.39	15.41	15.25	17.2	0
20	256QAM	1	49	15.38	15.35	15.25		
20	256QAM	1	99	15.37	15.37	15.32		
20	256QAM	50	0	15.28	15.40	15.31	17.2	0
20	256QAM	50	24	15.40	15.36	15.31		
20	256QAM	50	50	15.35	15.37	15.22		
20	256QAM	100	0	15.39	15.45	15.28		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.34	15.50	15.35	17.2	0
15	QPSK	1	37	15.31	15.32	15.29		
15	QPSK	1	74	15.41	15.40	15.34		
15	QPSK	36	0	15.38	15.44	15.20	17.2	0
15	QPSK	36	20	15.32	15.33	15.24		
15	QPSK	36	39	15.44	15.42	15.32		
15	QPSK	75	0	15.22	15.43	15.30		
15	16QAM	1	0	15.41	15.47	15.35	17.2	0
15	16QAM	1	37	15.34	15.26	15.30		
15	16QAM	1	74	15.42	15.38	15.31		
15	16QAM	36	0	15.33	15.41	15.22	17.2	0
15	16QAM	36	20	15.33	15.34	15.23		
15	16QAM	36	39	15.40	15.42	15.30		
15	16QAM	75	0	15.23	15.43	15.31		
15	64QAM	1	0	15.37	15.49	15.37	17.2	0
15	64QAM	1	37	15.35	15.27	15.30		
15	64QAM	1	74	15.42	15.38	15.32		
15	64QAM	36	0	15.34	15.45	15.26	17.2	0
15	64QAM	36	20	15.32	15.34	15.27		
15	64QAM	36	39	15.44	15.43	15.27		
15	64QAM	75	0	15.24	15.47	15.34		
15	256QAM	1	0	15.40	15.51	15.37	17.2	0
15	256QAM	1	37	15.32	15.28	15.30		
15	256QAM	1	74	15.43	15.41	15.29		
15	256QAM	36	0	15.40	15.46	15.22	17.2	0
15	256QAM	36	20	15.34	15.34	15.26		
15	256QAM	36	39	15.41	15.43	15.29		
15	256QAM	75	0	15.25	15.44	15.27		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.40	15.51	15.36	17.2	0
10	QPSK	1	25	15.29	15.28	15.31		
10	QPSK	1	49	15.42	15.37	15.32		
10	QPSK	25	0	15.39	15.42	15.21	17.2	0
10	QPSK	25	12	15.32	15.39	15.26		
10	QPSK	25	25	15.40	15.44	15.29		
10	QPSK	50	0	15.26	15.41	15.31		
10	16QAM	1	0	15.35	15.46	15.35	17.2	0
10	16QAM	1	25	15.33	15.28	15.33		
10	16QAM	1	49	15.41	15.37	15.31		
10	16QAM	25	0	15.40	15.48	15.27	17.2	0
10	16QAM	25	12	15.32	15.31	15.25		
10	16QAM	25	25	15.39	15.42	15.31		
10	16QAM	50	0	15.25	15.42	15.28		
10	64QAM	1	0	15.35	15.52	15.33	17.2	0
10	64QAM	1	25	15.32	15.27	15.33		
10	64QAM	1	49	15.38	15.42	15.32		
10	64QAM	25	0	15.38	15.41	15.22	17.2	0
10	64QAM	25	12	15.32	15.36	15.27		
10	64QAM	25	25	15.41	15.42	15.34		
10	64QAM	50	0	15.22	15.43	15.33		
10	256QAM	1	0	15.37	15.52	15.39	17.2	0
10	256QAM	1	25	15.34	15.32	15.32		
10	256QAM	1	49	15.41	15.41	15.31		
10	256QAM	25	0	15.37	15.45	15.21	17.2	0
10	256QAM	25	12	15.36	15.38	15.21		
10	256QAM	25	25	15.41	15.43	15.28		
10	256QAM	50	0	15.27	15.44	15.35		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.37	15.50	15.41	17.2	0
5	QPSK	1	12	15.33	15.27	15.30		
5	QPSK	1	24	15.37	15.40	15.34		
5	QPSK	12	0	15.40	15.43	15.20	17.2	0
5	QPSK	12	7	15.37	15.39	15.21		
5	QPSK	12	13	15.40	15.43	15.32		
5	QPSK	25	0	15.23	15.39	15.32		
5	16QAM	1	0	15.40	15.46	15.36	17.2	0
5	16QAM	1	12	15.33	15.34	15.34		
5	16QAM	1	24	15.41	15.41	15.32		
5	16QAM	12	0	15.34	15.44	15.24	17.2	0
5	16QAM	12	7	15.30	15.36	15.22		
5	16QAM	12	13	15.41	15.46	15.34		
5	16QAM	25	0	15.20	15.42	15.31		
5	64QAM	1	0	15.35	15.52	15.38	17.2	0
5	64QAM	1	12	15.29	15.29	15.36		
5	64QAM	1	24	15.42	15.42	15.29		
5	64QAM	12	0	15.36	15.46	15.26	17.2	0
5	64QAM	12	7	15.33	15.33	15.21		
5	64QAM	12	13	15.45	15.41	15.32		
5	64QAM	25	0	15.22	15.40	15.34		
5	256QAM	1	0	15.38	15.46	15.37	17.2	0
5	256QAM	1	12	15.34	15.31	15.32		
5	256QAM	1	24	15.41	15.38	15.30		
5	256QAM	12	0	15.40	15.46	15.21	17.2	0
5	256QAM	12	7	15.36	15.31	15.27		
5	256QAM	12	13	15.39	15.44	15.31		
5	256QAM	25	0	15.21	15.43	15.31		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.42	15.47	15.41	17.2	0
3	QPSK	1	8	15.33	15.33	15.34		
3	QPSK	1	14	15.40	15.40	15.31		
3	QPSK	8	0	15.33	15.47	15.23	17.2	0
3	QPSK	8	4	15.37	15.34	15.25		
3	QPSK	8	7	15.38	15.41	15.29		
3	QPSK	15	0	15.20	15.43	15.31		
3	16QAM	1	0	15.36	15.48	15.39	17.2	0
3	16QAM	1	8	15.36	15.27	15.37		
3	16QAM	1	14	15.40	15.38	15.31		
3	16QAM	8	0	15.34	15.42	15.25	17.2	0
3	16QAM	8	4	15.36	15.34	15.28		
3	16QAM	8	7	15.43	15.45	15.34		
3	16QAM	15	0	15.24	15.45	15.29		
3	64QAM	1	0	15.42	15.51	15.37	17.2	0
3	64QAM	1	8	15.30	15.29	15.30		
3	64QAM	1	14	15.44	15.41	15.35		
3	64QAM	8	0	15.37	15.44	15.24	17.2	0
3	64QAM	8	4	15.37	15.38	15.27		
3	64QAM	8	7	15.39	15.40	15.30		
3	64QAM	15	0	15.25	15.42	15.28		
3	256QAM	1	0	15.42	15.51	15.41	17.2	0
3	256QAM	1	8	15.32	15.32	15.30		
3	256QAM	1	14	15.39	15.39	15.30		
3	256QAM	8	0	15.35	15.43	15.24	17.2	0
3	256QAM	8	4	15.36	15.36	15.24		
3	256QAM	8	7	15.44	15.41	15.34		
3	256QAM	15	0	15.25	15.40	15.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.40	15.46	15.37	17.2	0
1.4	QPSK	1	3	15.32	15.32	15.31		
1.4	QPSK	1	5	15.43	15.42	15.27		
1.4	QPSK	3	0	15.39	15.44	15.26		
1.4	QPSK	3	1	15.34	15.34	15.25		
1.4	QPSK	3	3	15.38	15.42	15.27		
1.4	QPSK	6	0	15.27	15.43	15.30	17.2	0
1.4	16QAM	1	0	15.36	15.53	15.33	17.2	0
1.4	16QAM	1	3	15.32	15.32	15.29		
1.4	16QAM	1	5	15.41	15.41	15.28		
1.4	16QAM	3	0	15.41	15.45	15.23		
1.4	16QAM	3	1	15.35	15.34	15.24		
1.4	16QAM	3	3	15.44	15.46	15.33		
1.4	16QAM	6	0	15.26	15.43	15.34	17.2	0
1.4	64QAM	1	0	15.37	15.50	15.37	17.2	0
1.4	64QAM	1	3	15.32	15.32	15.33		
1.4	64QAM	1	5	15.43	15.41	15.34		
1.4	64QAM	3	0	15.37	15.42	15.25		
1.4	64QAM	3	1	15.31	15.37	15.24		
1.4	64QAM	3	3	15.41	15.41	15.30		
1.4	64QAM	6	0	15.25	15.43	15.28	17.2	0
1.4	256QAM	1	0	15.36	15.46	15.40	17.2	0
1.4	256QAM	1	3	15.33	15.30	15.35		
1.4	256QAM	1	5	15.40	15.39	15.29		
1.4	256QAM	3	0	15.40	15.47	15.21		
1.4	256QAM	3	1	15.32	15.31	15.21		
1.4	256QAM	3	3	15.38	15.42	15.30		
1.4	256QAM	6	0	15.25	15.44	15.35	17.2	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3680	3609	3641	3690		
20	QPSK	1	0	14.78	14.90	14.73	14.70	16.4	0
20	QPSK	1	49	14.73	14.87	14.67	14.54		
20	QPSK	1	99	14.67	14.82	14.54	14.61		
20	QPSK	50	0	14.72	14.86	14.60	14.57	16.4	0
20	QPSK	50	24	14.76	14.74	14.55	14.71		
20	QPSK	50	50	14.65	14.82	14.48	14.74		
20	QPSK	100	0	14.69	14.78	14.63	14.77		
20	16QAM	1	0	14.71	14.81	14.66	14.59	16.4	0
20	16QAM	1	49	14.61	14.74	14.57	14.46		
20	16QAM	1	99	14.55	14.74	14.48	14.55		
20	16QAM	50	0	14.70	14.81	14.51	14.52	16.4	0
20	16QAM	50	24	14.65	14.66	14.43	14.69		
20	16QAM	50	50	14.52	14.75	14.43	14.65		
20	16QAM	100	0	14.67	14.73	14.57	14.65		
20	64QAM	1	0	14.67	14.77	14.67	14.68	16.4	0
20	64QAM	1	49	14.67	14.82	14.62	14.42		
20	64QAM	1	99	14.58	14.79	14.47	14.58		
20	64QAM	50	0	14.69	14.75	14.56	14.47	16.4	0
20	64QAM	50	24	14.67	14.65	14.47	14.60		
20	64QAM	50	50	14.54	14.78	14.45	14.72		
20	64QAM	100	0	14.63	14.69	14.54	14.70		
20	256QAM	1	0	14.71	14.78	14.68	14.65	16.4	0
20	256QAM	1	49	14.60	14.82	14.63	14.41		
20	256QAM	1	99	14.57	14.76	14.50	14.52		
20	256QAM	50	0	14.64	14.76	14.46	14.43	16.4	0
20	256QAM	50	24	14.63	14.69	14.46	14.63		
20	256QAM	50	50	14.58	14.79	14.40	14.69		
20	256QAM	100	0	14.56	14.73	14.51	14.73		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	14.68	14.79	14.62	14.61	16.4	0
15	QPSK	1	37	14.62	14.76	14.54	14.41		
15	QPSK	1	74	14.65	14.69	14.51	14.51		
15	QPSK	36	0	14.69	14.79	14.48	14.51	16.4	0
15	QPSK	36	20	14.73	14.67	14.44	14.65		
15	QPSK	36	39	14.62	14.79	14.43	14.60		
15	QPSK	75	0	14.67	14.71	14.54	14.68		
15	16QAM	1	0	14.64	14.75	14.53	14.47	16.4	0
15	16QAM	1	37	14.56	14.67	14.49	14.49		
15	16QAM	1	74	14.42	14.70	14.51	14.51		
15	16QAM	36	0	14.58	14.77	14.45	14.45	16.4	0
15	16QAM	36	20	14.57	14.62	14.54	14.63		
15	16QAM	36	39	14.47	14.70	14.54	14.60		
15	16QAM	75	0	14.56	14.60	14.51	14.59		
15	64QAM	1	0	14.57	14.65	14.63	14.57	16.4	0
15	64QAM	1	37	14.57	14.76	14.54	14.53		
15	64QAM	1	74	14.53	14.73	14.43	14.45		
15	64QAM	36	0	14.65	14.67	14.45	14.43	16.4	0
15	64QAM	36	20	14.60	14.59	14.46	14.56		
15	64QAM	36	39	14.46	14.76	14.40	14.64		
15	64QAM	75	0	14.54	14.64	14.48	14.67		
15	256QAM	1	0	14.57	14.67	14.56	14.55	16.4	0
15	256QAM	1	37	14.51	14.79	14.48	14.48		
15	256QAM	1	74	14.44	14.69	14.42	14.47		
15	256QAM	36	0	14.58	14.70	14.48	14.40	16.4	0
15	256QAM	36	20	14.55	14.65	14.42	14.51		
15	256QAM	36	39	14.45	14.74	14.48	14.57		
15	256QAM	75	0	14.48	14.63	14.49	14.71		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	14.73	14.78	14.71	14.66	16.4	0
10	QPSK	1	25	14.65	14.79	14.61	14.52		
10	QPSK	1	49	14.58	14.74	14.41	14.49		
10	QPSK	25	0	14.69	14.77	14.50	14.53	16.4	0
10	QPSK	25	12	14.67	14.66	14.42	14.60		
10	QPSK	25	25	14.52	14.74	14.48	14.66		
10	QPSK	50	0	14.57	14.67	14.50	14.71		
10	16QAM	1	0	14.63	14.72	14.62	14.55	16.4	0
10	16QAM	1	25	14.55	14.64	14.54	14.48		
10	16QAM	1	49	14.48	14.64	14.44	14.41		
10	16QAM	25	0	14.62	14.78	14.48	14.43	16.4	0
10	16QAM	25	12	14.59	14.58	14.41	14.60		
10	16QAM	25	25	14.45	14.63	14.48	14.52		
10	16QAM	50	0	14.61	14.70	14.50	14.62		
10	64QAM	1	0	14.63	14.66	14.64	14.59	16.4	0
10	64QAM	1	25	14.56	14.73	14.51	14.48		
10	64QAM	1	49	14.49	14.69	14.42	14.54		
10	64QAM	25	0	14.67	14.61	14.44	14.48	16.4	0
10	64QAM	25	12	14.53	14.51	14.55	14.48		
10	64QAM	25	25	14.49	14.70	14.55	14.69		
10	64QAM	50	0	14.49	14.61	14.48	14.67		
10	256QAM	1	0	14.68	14.72	14.55	14.62	16.4	0
10	256QAM	1	25	14.48	14.71	14.55	14.55		
10	256QAM	1	49	14.47	14.63	14.55	14.55		
10	256QAM	25	0	14.60	14.68	14.55	14.55	16.4	0
10	256QAM	25	12	14.59	14.60	14.61	14.55		
10	256QAM	25	25	14.52	14.71	14.61	14.58		
10	256QAM	50	0	14.48	14.68	14.40	14.60		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	14.74	14.85	14.61	14.65	16.4	0
5	QPSK	1	12	14.66	14.83	14.53	14.50		
5	QPSK	1	24	14.56	14.75	14.43	14.56		
5	QPSK	12	0	14.62	14.80	14.51	14.54	16.4	0
5	QPSK	12	7	14.63	14.71	14.51	14.67		
5	QPSK	12	13	14.62	14.73	14.61	14.71		
5	QPSK	25	0	14.57	14.70	14.53	14.75		
5	16QAM	1	0	14.65	14.74	14.52	14.48	16.4	0
5	16QAM	1	12	14.47	14.66	14.54	14.43		
5	16QAM	1	24	14.51	14.66	14.43	14.48		
5	16QAM	12	0	14.56	14.76	14.46	14.48	16.4	0
5	16QAM	12	7	14.62	14.55	14.40	14.57		
5	16QAM	12	13	14.42	14.72	14.55	14.61		
5	16QAM	25	0	14.60	14.64	14.44	14.55	16.4	0
5	64QAM	1	0	14.64	14.74	14.56	14.61		
5	64QAM	1	12	14.62	14.78	14.50	14.55		
5	64QAM	1	24	14.47	14.72	14.42	14.50		
5	64QAM	12	0	14.57	14.71	14.62	14.50	16.4	0
5	64QAM	12	7	14.58	14.60	14.62	14.54		
5	64QAM	12	13	14.48	14.75	14.62	14.70		
5	64QAM	25	0	14.50	14.60	14.52	14.63		
5	256QAM	1	0	14.69	14.65	14.65	14.56	16.4	0
5	256QAM	1	12	14.57	14.79	14.50	14.50		
5	256QAM	1	24	14.47	14.63	14.42	14.48		
5	256QAM	12	0	14.53	14.71	14.50	14.50	16.4	0
5	256QAM	12	7	14.54	14.67	14.50	14.52		
5	256QAM	12	13	14.56	14.68	14.50	14.55		
5	256QAM	25	0	14.47	14.68	14.44	14.67		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3680	3609	3641	3690		
20	QPSK	1	0	11.43	11.61	11.41	11.51	12.5	0
20	QPSK	1	49	11.24	11.43	11.37	11.50		
20	QPSK	1	99	11.23	11.44	11.40	11.37		
20	QPSK	50	0	11.41	11.48	11.38	11.44	12.5	0
20	QPSK	50	24	11.42	11.40	11.31	11.44		
20	QPSK	50	50	11.41	11.40	11.38	11.32		
20	QPSK	100	0	11.41	11.43	11.36	11.39		
20	16QAM	1	0	11.32	11.57	11.37	11.43	12.5	0
20	16QAM	1	49	11.16	11.40	11.33	11.47		
20	16QAM	1	99	11.17	11.33	11.26	11.26		
20	16QAM	50	0	11.36	11.41	11.32	11.33	12.5	0
20	16QAM	50	24	11.39	11.30	11.27	11.31		
20	16QAM	50	50	11.35	11.28	11.34	11.21		
20	16QAM	100	0	11.39	11.38	11.31	11.37		
20	64QAM	1	0	11.36	11.55	11.27	11.47	12.5	0
20	64QAM	1	49	11.19	11.35	11.28	11.36		
20	64QAM	1	99	11.20	11.41	11.38	11.34		
20	64QAM	50	0	11.33	11.46	11.27	11.38	12.5	0
20	64QAM	50	24	11.38	11.36	11.21	11.39		
20	64QAM	50	50	11.33	11.34	11.29	11.20		
20	64QAM	100	0	11.35	11.34	11.23	11.25		
20	256QAM	1	0	11.38	11.55	11.37	11.40	12.5	0
20	256QAM	1	49	11.16	11.40	11.26	11.39		
20	256QAM	1	99	11.12	11.33	11.35	11.24		
20	256QAM	50	0	11.32	11.40	11.33	11.39	12.5	0
20	256QAM	50	24	11.32	11.29	11.28	11.42		
20	256QAM	50	50	11.36	11.31	11.34	11.30		
20	256QAM	100	0	11.33	11.31	11.31	11.25		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	11.38	11.53	11.39	11.37	12.5	0
15	QPSK	1	37	11.14	11.35	11.28	11.42		
15	QPSK	1	74	11.17	11.42	11.30	11.34		
15	QPSK	36	0	11.33	11.46	11.28	11.40	12.5	0
15	QPSK	36	20	11.36	11.38	11.18	11.33		
15	QPSK	36	39	11.28	11.33	11.25	11.21		
15	QPSK	75	0	11.36	11.38	11.30	11.34		
15	16QAM	1	0	11.20	11.46	11.31	11.32	12.5	0
15	16QAM	1	37	11.04	11.29	11.29	11.41		
15	16QAM	1	74	11.09	11.24	11.21	11.22		
15	16QAM	36	0	11.26	11.37	11.18	11.26	12.5	0
15	16QAM	36	20	11.27	11.16	11.22	11.25		
15	16QAM	36	39	11.24	11.19	11.32	11.16		
15	16QAM	75	0	11.28	11.26	11.23	11.25		
15	64QAM	1	0	11.30	11.47	11.24	11.35	12.5	0
15	64QAM	1	37	11.07	11.24	11.22	11.30		
15	64QAM	1	74	11.06	11.36	11.32	11.21		
15	64QAM	36	0	11.23	11.44	11.20	11.31	12.5	0
15	64QAM	36	20	11.32	11.27	11.08	11.26		
15	64QAM	36	39	11.27	11.21	11.17	11.16		
15	64QAM	75	0	11.22	11.23	11.20	11.14		
15	256QAM	1	0	11.29	11.44	11.29	11.37	12.5	0
15	256QAM	1	37	11.12	11.30	11.17	11.31		
15	256QAM	1	74	11.00	11.19	11.23	11.19		
15	256QAM	36	0	11.27	11.29	11.24	11.25	12.5	0
15	256QAM	36	20	11.28	11.19	11.17	11.35		
15	256QAM	36	39	11.28	11.24	11.23	11.24		
15	256QAM	75	0	11.27	11.28	11.27	11.17		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	11.34	11.50	11.38	11.49	12.5	0
10	QPSK	1	25	11.18	11.35	11.30	11.45		
10	QPSK	1	49	11.13	11.31	11.36	11.31		
10	QPSK	25	0	11.29	11.46	11.25	11.34	12.5	0
10	QPSK	25	12	11.35	11.29	11.26	11.40		
10	QPSK	25	25	11.27	11.30	11.32	11.28		
10	QPSK	50	0	11.30	11.34	11.25	11.29		
10	16QAM	1	0	11.19	11.49	11.29	11.37	12.5	0
10	16QAM	1	25	11.03	11.27	11.29	11.37		
10	16QAM	1	49	11.12	11.30	11.15	11.16		
10	16QAM	25	0	11.27	11.35	11.28	11.27	12.5	0
10	16QAM	25	12	11.36	11.18	11.21	11.23		
10	16QAM	25	25	11.27	11.22	11.32	11.15		
10	16QAM	50	0	11.34	11.26	11.29	11.32		
10	64QAM	1	0	11.29	11.45	11.20	11.34	12.5	0
10	64QAM	1	25	11.07	11.25	11.17	11.31		
10	64QAM	1	49	11.10	11.37	11.24	11.27		
10	64QAM	25	0	11.23	11.38	11.18	11.30	12.5	0
10	64QAM	25	12	11.27	11.25	11.15	11.31		
10	64QAM	25	25	11.21	11.31	11.20	11.06		
10	64QAM	50	0	11.30	11.28	11.17	11.14		
10	256QAM	1	0	11.29	11.45	11.26	11.35	12.5	0
10	256QAM	1	25	11.10	11.27	11.21	11.26		
10	256QAM	1	49	11.00	11.24	11.26	11.21		
10	256QAM	25	0	11.27	11.36	11.25	11.25	12.5	0
10	256QAM	25	12	11.23	11.20	11.16	11.31		
10	256QAM	25	25	11.26	11.25	11.27	11.19		
10	256QAM	50	0	11.25	11.26	11.22	11.18		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	11.40	11.53	11.31	11.49	12.5	0
5	QPSK	1	12	11.13	11.40	11.30	11.42		
5	QPSK	1	24	11.17	11.41	11.29	11.24		
5	QPSK	12	0	11.38	11.45	11.30	11.39	12.5	0
5	QPSK	12	7	11.33	11.30	11.18	11.35		
5	QPSK	12	13	11.38	11.27	11.27	11.26		
5	QPSK	25	0	11.36	11.36	11.32	11.37		
5	16QAM	1	0	11.28	11.53	11.30	11.35	12.5	0
5	16QAM	1	12	11.04	11.32	11.30	11.42		
5	16QAM	1	24	11.09	11.27	11.21	11.22		
5	16QAM	12	0	11.24	11.36	11.22	11.22	12.5	0
5	16QAM	12	7	11.36	11.28	11.13	11.27		
5	16QAM	12	13	11.26	11.25	11.24	11.11		
5	16QAM	25	0	11.34	11.25	11.22	11.34		
5	64QAM	1	0	11.30	11.50	11.22	11.34	12.5	0
5	64QAM	1	12	11.16	11.29	11.20	11.31		
5	64QAM	1	24	11.12	11.29	11.29	11.24		
5	64QAM	12	0	11.28	11.39	11.16	11.25	12.5	0
5	64QAM	12	7	11.27	11.23	11.18	11.31		
5	64QAM	12	13	11.28	11.28	11.25	11.10		
5	64QAM	25	0	11.23	11.22	11.09	11.13		
5	256QAM	1	0	11.29	11.44	11.27	11.31	12.5	0
5	256QAM	1	12	11.13	11.28	11.13	11.31		
5	256QAM	1	24	11.00	11.28	11.29	11.13		
5	256QAM	12	0	11.18	11.36	11.31	11.30	12.5	0
5	256QAM	12	7	11.20	11.17	11.22	11.39		
5	256QAM	12	13	11.28	11.17	11.30	11.27		
5	256QAM	25	0	11.27	11.22	11.18	11.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	13.30	13.38	13.22	13.26	14	0
20	QPSK	1	49	13.08	13.31	13.05	13.06		
20	QPSK	1	99	13.24	13.22	13.02	13.02		
20	QPSK	50	0	13.13	13.36	13.03	13.00		
20	QPSK	50	24	13.17	13.24	13.01	13.02		
20	QPSK	50	50	13.17	13.27	13.06	13.01		
20	QPSK	100	0	13.08	13.35	13.00	13.02		
20	16QAM	1	0	13.22	13.35	13.11	13.22		
20	16QAM	1	49	12.96	13.17	13.03	12.93	14	0
20	16QAM	1	99	13.14	13.14	12.97	12.97		
20	16QAM	50	0	13.08	13.33	12.97	12.98		
20	16QAM	50	24	13.13	13.20	12.93	12.97	14	0
20	16QAM	50	50	13.11	13.25	12.94	12.97		
20	16QAM	100	0	13.00	13.28	12.88	12.97		
20	64QAM	1	0	13.22	13.28	13.09	13.24		
20	64QAM	1	49	13.01	13.18	13.01	12.94	14	0
20	64QAM	1	99	13.12	13.09	12.90	12.89		
20	64QAM	50	0	13.09	13.33	12.96	12.93		
20	64QAM	50	24	13.12	13.18	12.92	12.99	14	0
20	64QAM	50	50	13.13	13.21	13.01	12.94		
20	64QAM	100	0	13.02	13.22	12.87	12.88		
20	256QAM	1	0	13.27	13.25	13.19	13.19		
20	256QAM	1	49	12.99	13.23	13.01	12.99	14	0
20	256QAM	1	99	13.20	13.13	12.90	13.00		
20	256QAM	50	0	13.02	13.24	13.01	12.97		
20	256QAM	50	24	13.11	13.13	12.92	12.98	14	0
20	256QAM	50	50	13.12	13.22	13.01	12.96		
20	256QAM	100	0	12.98	13.28	12.91	12.93		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	13.24	13.25	13.12	13.16	14	0
15	QPSK	1	37	13.01	13.28	12.95	12.94		
15	QPSK	1	74	13.11	13.18	12.97	12.94		
15	QPSK	36	0	13.04	13.24	12.96	12.88		
15	QPSK	36	20	13.05	13.13	12.97	12.90	14	0
15	QPSK	36	39	13.07	13.15	12.96	12.92		
15	QPSK	75	0	13.04	13.27	12.98	12.93		
15	16QAM	1	0	13.13	13.00	12.99	13.18		
15	16QAM	1	37	12.85	13.10	12.99	12.79	14	0
15	16QAM	1	74	13.08	13.06	12.83	12.88		
15	16QAM	36	0	12.97	13.28	12.89	12.95		
15	16QAM	36	20	13.02	13.07	12.88	12.86	14	0
15	16QAM	36	39	13.06	13.22	12.88	12.94		
15	16QAM	75	0	12.88	13.19	12.83	12.91		
15	64QAM	1	0	13.16	13.23	13.03	13.20		
15	64QAM	1	37	12.89	13.06	12.92	12.81	14	0
15	64QAM	1	74	12.99	13.02	12.81	12.79		
15	64QAM	36	0	13.01	13.28	12.94	12.80		
15	64QAM	36	20	13.04	13.09	12.83	12.87	14	0
15	64QAM	36	39	13.02	13.16	12.93	12.88		
15	64QAM	75	0	12.94	13.14	12.75	12.79		
15	256QAM	1	0	13.19	13.15	13.07	13.15		
15	256QAM	1	37	12.94	13.13	12.89	12.88	14	0
15	256QAM	1	74	13.06	13.01	12.86	12.95		
15	256QAM	36	0	12.98	13.11	12.96	12.93		
15	256QAM	36	20	13.07	13.01	12.83	12.92	14	0
15	256QAM	36	39	13.00	13.14	12.99	12.87		
15	256QAM	75	0	12.92	13.18	12.87	12.87		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	13.22	13.25	13.10	13.23	14	0
10	QPSK	1	25	12.99	13.23	12.97	12.92		
10	QPSK	1	49	13.15	13.11	12.94	12.99		
10	QPSK	25	0	12.99	13.32	13.00	12.92		
10	QPSK	25	12	13.10	13.20	12.96	12.89	14	0
10	QPSK	25	25	13.13	13.14	13.02	12.94		
10	QPSK	50	0	13.00	13.23	12.97	12.90		
10	16QAM	1	0	13.14	13.26	13.06	13.19		
10	16QAM	1	25	12.85	13.08	12.95	12.82	14	0
10	16QAM	1	49	13.06	13.02	12.85	12.91		
10	16QAM	25	0	13.06	13.22	12.93	12.85		
10	16QAM	25	12	13.07	13.12	12.84	12.92	14	0
10	16QAM	25	25	13.02	13.16	12.80	12.91		
10	16QAM	50	0	12.95	13.18	12.82	12.93		
10	64QAM	1	0	13.12	13.25	13.03	13.17		
10	64QAM	1	25	12.90	13.07	12.98	12.89	14	0
10	64QAM	1	49	13.05	12.97	12.84	12.83		
10	64QAM	25	0	12.96	13.28	12.86	12.87		
10	64QAM	25	12	13.05	13.09	12.89	12.93	14	0
10	64QAM	25	25	13.11	13.09	12.91	12.89		
10	64QAM	50	0	12.89	13.15	12.80	12.77		
10	256QAM	1	0	13.23	13.12	13.12	13.14		
10	256QAM	1	25	12.97	13.17	12.89	12.91	14	0
10	256QAM	1	49	13.06	13.10	12.84	12.86		
10	256QAM	25	0	12.93	13.14	12.94	12.94		
10	256QAM	25	12	13.00	13.00	12.88	12.89	14	0
10	256QAM	25	25	12.98	13.16	12.97	12.82		
10	256QAM	50	0	12.94	13.25	12.88	12.86		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3645	3697.5		
5	QPSK	1	0	13.19	13.24	13.16	13.22	14	0
5	QPSK	1	12	12.99	13.25	12.96	13.01		
5	QPSK	1	24	13.16	13.17	12.99	12.89		
5	QPSK	12	0	13.06	13.31	12.97	12.90		
5	QPSK	12	7	13.06	13.22	12.98	12.94	14	0
5	QPSK	12	13	13.11	13.25	13.04	12.90		
5	QPSK	25	0	13.03	13.32	12.94	12.92		
5	16QAM	1	0	13.19	13.24	12.98	13.12		
5	16QAM	1	12	12.85	13.09	12.90	12.84	14	0
5	16QAM	1	24	13.11	13.09	12.91	12.85		
5	16QAM	12	0	13.01	13.20	12.84	12.92		
5	16QAM	12	7	13.08	13.07	12.85	12.89	14	0
5	16QAM	12	13	13.03	13.14	12.83	12.85		
5	16QAM	25	0	12.89	13.20	12.82	12.90		
5	64QAM	1	0	13.13	13.19	13.00	13.17		
5	64QAM	1	12	12.94	13.10	12.99	12.91	14	0
5	64QAM	1	24	13.09	13.00	12.86	12.77		
5	64QAM	12	0	12.95	13.27	12.83	12.91		
5	64QAM	12	7	13.10	13.11	12.80	12.97	14	0
5	64QAM	12	13	13.02	13.09	12.94	12.85		
5	64QAM	25	0	12.94	13.17	12.81	12.76		
5	256QAM	1	0	13.20	13.19	13.10	13.06		
5	256QAM	1	12	12.87	13.11	12.89	12.94	14	0
5	256QAM	1	24	13.12	13.00	12.77	12.98		
5	256QAM	12	0	12.92	13.17	12.92	12.90		
5	256QAM	12	7	13.03	13.08	12.89	12.95	14	0
5	256QAM	12	13	13.07	13.14	12.94	12.89		
5	256QAM	25	0	12.92	13.21	12.84	12.83		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.58	20.73	20.58	20.55	21.5	0
20	QPSK	1	49	20.42	20.63	20.36	20.41		
20	QPSK	1	99	20.34	20.60	20.43	20.28		
20	QPSK	50	0	20.52	20.71	20.35	20.43	21.5	0
20	QPSK	50	24	20.40	20.69	20.33	20.49		
20	QPSK	50	50	20.48	20.64	20.42	20.28		
20	QPSK	100	0	20.49	20.71	20.45	20.34		
20	16QAM	1	0	20.47	20.68	20.35	20.23	21.5	0
20	16QAM	1	49	20.35	20.68	20.27	20.35		
20	16QAM	1	99	20.34	20.53	20.49	20.40		
20	16QAM	50	0	20.46	20.65	20.35	20.21	21.5	0
20	16QAM	50	24	20.33	20.53	20.23	20.36		
20	16QAM	50	50	20.28	20.53	20.36	20.24		
20	16QAM	100	0	20.39	20.57	20.28	20.40		
20	64QAM	1	0	20.34	20.67	20.25	20.44	21.5	0
20	64QAM	1	49	20.46	20.55	20.39	20.19		
20	64QAM	1	99	20.44	20.67	20.37	20.25		
20	64QAM	50	0	20.35	20.58	20.26	20.15	21.5	0
20	64QAM	50	24	20.45	20.62	20.27	20.22		
20	64QAM	50	50	20.39	20.55	20.32	20.30		
20	64QAM	100	0	20.26	20.47	20.33	20.26		
20	256QAM	1	0	18.99	19.17	19.07	18.91	20	1.5
20	256QAM	1	49	18.91	19.36	18.96	18.95		
20	256QAM	1	99	18.89	19.34	18.99	19.05		
20	256QAM	50	0	19.14	19.31	18.92	19.01	20	1.5
20	256QAM	50	24	19.08	19.38	19.02	18.90		
20	256QAM	50	50	18.97	19.38	18.92	18.92		
20	256QAM	100	0	19.08	19.23	18.97	19.10		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.46	20.60	20.33	20.32	21.5	0
15	QPSK	1	37	20.37	20.52	20.33	20.35		
15	QPSK	1	74	20.25	20.53	20.31	20.17		
15	QPSK	36	0	20.39	20.62	20.26	20.36	21.5	0
15	QPSK	36	20	20.35	20.61	20.26	20.41		
15	QPSK	36	39	20.46	20.56	20.40	20.15		
15	QPSK	75	0	20.44	20.64	20.41	20.31		
15	16QAM	1	0	20.37	20.59	20.29	20.14	21.5	0
15	16QAM	1	37	20.24	20.62	20.25	20.23		
15	16QAM	1	74	20.30	20.48	20.36	20.30		
15	16QAM	36	0	20.40	20.51	20.32	20.17	21.5	0
15	16QAM	36	20	20.27	20.40	20.11	20.27		
15	16QAM	36	39	20.16	20.42	20.31	20.20		
15	16QAM	75	0	20.37	20.44	20.14	20.28		
15	64QAM	1	0	20.30	20.20	20.12	20.34	21.5	0
15	64QAM	1	37	20.37	20.53	20.31	20.09		
15	64QAM	1	74	20.40	20.12	20.29	20.13		
15	64QAM	36	0	20.25	20.45	20.18	20.02	21.5	0
15	64QAM	36	20	20.39	20.50	20.17	20.15		
15	64QAM	36	39	20.30	20.41	20.19	20.18		
15	64QAM	75	0	20.24	20.43	20.25	20.24		
15	256QAM	1	0	18.88	19.07	19.01	18.99	20	1.5
15	256QAM	1	37	18.80	19.28	18.95	18.89		
15	256QAM	1	74	18.95	19.30	18.92	18.95		
15	256QAM	36	0	19.05	19.24	18.81	18.93	20	1.5
15	256QAM	36	20	19.03	19.28	18.97	18.81		
15	256QAM	36	39	18.91	19.31	18.81	18.83		
15	256QAM	75	0	18.96	19.19	18.91	19.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	20.49	20.61	20.32	20.24	21.5	0
10	QPSK	1	25	20.30	20.61	20.27	20.34		
10	QPSK	1	49	20.30	20.48	20.38	20.25		
10	QPSK	25	0	20.44	20.66	20.26	20.35	21.5	0
10	QPSK	25	12	20.35	20.61	20.24	20.46		
10	QPSK	25	25	20.46	20.57	20.38	20.18		
10	QPSK	50	0	20.46	20.67	20.32	20.26		
10	16QAM	1	0	20.34	20.58	20.27	20.13	21.5	0
10	16QAM	1	25	20.23	20.58	20.13	20.31		
10	16QAM	1	49	20.21	20.47	20.43	20.26		
10	16QAM	25	0	20.35	20.20	20.32	20.07	21.5	0
10	16QAM	25	12	20.27	20.20	20.10	20.33		
10	16QAM	25	25	20.21	20.20	20.24	20.20		
10	16QAM	50	0	20.31	20.53	20.20	20.26		
10	64QAM	1	0	20.24	20.56	20.20	20.32	21.5	0
10	64QAM	1	25	20.42	20.47	20.28	20.16		
10	64QAM	1	49	20.42	20.59	20.29	20.13		
10	64QAM	25	0	20.24	20.45	20.17	20.05	21.5	0
10	64QAM	25	12	20.42	20.50	20.15	20.14		
10	64QAM	25	25	20.36	20.51	20.27	20.25		
10	64QAM	50	0	20.19	20.39	20.29	20.18		
10	256QAM	1	0	18.92	19.13	18.95	18.85	20	1.5
10	256QAM	1	25	18.82	19.28	18.87	18.86		
10	256QAM	1	49	18.83	19.28	18.92	18.94		
10	256QAM	25	0	19.03	19.22	18.86	18.92	20	1.5
10	256QAM	25	12	18.99	19.27	18.98	18.81		
10	256QAM	25	25	18.85	19.28	18.84	18.88		
10	256QAM	50	0	18.99	19.13	18.90	19.01		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.54	20.62	20.30	20.26	21.5	0
5	QPSK	1	12	20.28	20.55	20.26	20.31		
5	QPSK	1	24	20.30	20.47	20.30	20.16		
5	QPSK	12	0	20.50	20.58	20.28	20.41	21.5	0
5	QPSK	12	7	20.29	20.63	20.21	20.38		
5	QPSK	12	13	20.44	20.51	20.28	20.15		
5	QPSK	25	0	20.38	20.68	20.31	20.21	21.5	0
5	16QAM	1	0	20.34	20.46	20.26	20.13		
5	16QAM	1	12	20.28	20.46	20.21	20.22		
5	16QAM	1	24	20.24	20.50	20.44	20.32		
5	16QAM	12	0	20.32	20.52	20.32	20.07	21.5	0
5	16QAM	12	7	20.24	20.41	20.13	20.23		
5	16QAM	12	13	20.14	20.42	20.26	20.11		
5	16QAM	25	0	20.25	20.44	20.16	20.26	21.5	0
5	64QAM	1	0	20.32	20.54	20.14	20.30		
5	64QAM	1	12	20.39	20.48	20.30	20.14		
5	64QAM	1	24	20.37	20.64	20.29	20.22		
5	64QAM	12	0	20.22	20.45	20.23	20.03	21.5	0
5	64QAM	12	7	20.35	20.46	20.22	20.12		
5	64QAM	12	13	20.29	20.44	20.26	20.25		
5	64QAM	25	0	20.20	20.40	20.24	20.24		
5	256QAM	1	0	18.90	19.09	18.96	18.86	20	1.5
5	256QAM	1	12	18.83	19.28	18.88	18.87		
5	256QAM	1	24	18.85	19.27	18.94	18.95		
5	256QAM	12	0	19.08	19.22	18.95	18.89	20	1.5
5	256QAM	12	7	18.98	19.33	18.93	18.95		
5	256QAM	12	13	18.95	19.28	18.93	18.86		
5	256QAM	25	0	19.01	19.14	18.87	18.98		

Full&Default Power Mode&DSI4

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.17	23.31	23.16	24.0	0.0
20	PI/2 BPSK	1	53	23.19	23.16	23.26		
20	PI/2 BPSK	1	104	23.16	23.20	23.16		
20	PI/2 BPSK	50	0	23.03	23.10	23.04	24.0	0.0
20	PI/2 BPSK	50	28	23.17	23.25	23.24	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.02	22.95	24.0	0.0
20	PI/2 BPSK	100	0	22.95	23.07	22.92		
20	QPSK	1	1	23.12	23.32	23.01	24.0	0.0
20	QPSK	1	53	23.08	23.24	22.89		
20	QPSK	1	104	23.05	23.21	22.92		
20	QPSK	50	0	23.11	23.21	23.15	24.0	0.0
20	QPSK	50	28	23.20	23.27	23.25	24.0	0.0
20	QPSK	50	56	22.89	23.05	22.93	24.0	0.0
20	QPSK	100	0	22.97	23.10	23.04		
20	16QAM	1	1	23.23	23.21	23.25	24.0	0.0
20	64QAM	1	1	22.77	22.88	22.80	24.0	0.0
20	256QAM	1	1	20.31	20.44	20.39	22.0	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.00	23.17	22.86	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.06	23.18	22.94	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	22.97	23.24	22.90	24.0	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.07	23.34	23.29	24.0	0.0
20	PI/2 BPSK	1	53	22.79	23.23	23.20		
20	PI/2 BPSK	1	104	22.44	23.27	23.18		
20	PI/2 BPSK	50	0	23.11	23.22	23.17	24.0	0.0
20	PI/2 BPSK	50	28	23.29	23.30	23.28	24.0	0.0
20	PI/2 BPSK	50	56	23.07	23.10	23.04	24.0	0.0
20	PI/2 BPSK	100	0	22.79	23.17	23.04		
20	QPSK	1	1	23.27	23.37	23.18	24.0	0.0
20	QPSK	1	53	23.19	23.22	23.03		
20	QPSK	1	104	23.20	23.31	23.07		
20	QPSK	50	0	23.15	23.24	23.08	24.0	0.0
20	QPSK	50	28	23.14	23.27	23.12	24.0	0.0
20	QPSK	50	56	22.99	23.00	23.03	24.0	0.0
20	QPSK	100	0	23.02	23.14	23.00		
20	16QAM	1	1	23.00	23.07	23.07	24.0	0.0
20	64QAM	1	1	22.74	22.79	22.79	24.0	0.0
20	256QAM	1	1	20.33	20.44	20.44	22.0	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.21	23.32	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.31	23.09	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	23.12	23.32	23.06	24.0	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.21	23.36	23.25	24.0	0.0
15	PI/2 BPSK	1	40	23.28	23.26	23.31		
15	PI/2 BPSK	1	77	23.24	23.22	23.23		
15	PI/2 BPSK	36	0	23.20	23.28	23.15	24.0	0.0
15	PI/2 BPSK	36	22	23.31	23.21	23.27	24.0	0.0
15	PI/2 BPSK	36	43	23.32	23.22	23.20	24.0	0.0
15	PI/2 BPSK	75	0	23.22	23.36	23.21		
15	QPSK	1	1	23.32	23.51	23.30	24.0	0.0
15	QPSK	1	40	23.23	23.45	23.20		
15	QPSK	1	77	23.19	23.38	23.16		
15	QPSK	36	0	23.24	23.29	23.19	24.0	0.0
15	QPSK	36	22	23.21	23.36	23.19	24.0	0.0
15	QPSK	36	43	23.32	23.32	23.34	24.0	0.0
15	QPSK	75	0	23.25	23.41	23.30		
15	16QAM	1	1	23.06	23.13	23.09	24.0	0.0
15	64QAM	1	1	22.83	22.90	22.86	24.0	0.0
	256QAM	1	1	20.69	20.75	20.63	22.0	2.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.23	23.35	23.15	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.15	23.34	23.00	24.0	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.11		24.0	0.0
10	PI/2 BPSK	1	26		22.99			
10	PI/2 BPSK	1	50		22.96			
10	PI/2 BPSK	25	0		23.11		24.0	0.0
10	PI/2 BPSK	25	14		22.96		24.0	0.0
10	PI/2 BPSK	25	27		23.01		24.0	0.0
10	PI/2 BPSK	50	0		23.14			
10	QPSK	1	1		23.15		24.0	0.0
10	QPSK	1	26		23.08			
10	QPSK	1	50		22.98			
10	QPSK	25	0		23.02		24.0	0.0
10	QPSK	25	14		23.06		24.0	0.0
10	QPSK	25	27		22.98		24.0	0.0
10	QPSK	50	0		23.12			
10	16QAM	1	1		23.14		24.0	0.0
10	64QAM	1	1		23.00		24.0	0.0
10	256QAM	1	1		20.17		22.0	2.0
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5	24.0	0.0
5	QPSK	1	1	23.01	23.08	23.09		

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.07	23.21	23.16	24.0	0.0
40	PI/2 BPSK	1	108	23.10	23.13	23.14		
40	PI/2 BPSK	1	214	23.08	23.17	23.11		
40	PI/2 BPSK	108	0	23.20	23.25	23.20	24.0	0.0
40	PI/2 BPSK	108	54	23.17	23.09	23.10	24.0	0.0
40	PI/2 BPSK	108	108	23.12	23.13	23.11	24.0	0.0
40	PI/2 BPSK	216	0	23.06	23.21	23.05		
40	QPSK	1	1	23.25	23.33	23.23	24.0	0.0
40	QPSK	1	108	23.14	23.18	23.17		
40	QPSK	1	214	23.15	23.23	23.08		
40	QPSK	108	0	22.87	23.03	22.98	24.0	0.0
40	QPSK	108	54	23.17	23.25	23.12	24.0	0.0
40	QPSK	108	108	22.97	22.93	22.97	24.0	0.0
40	QPSK	216	0	22.99	23.05	22.98		
40	16QAM	1	1	22.63	22.71	22.57	24.0	0.0
40	64QAM	1	1	21.82	21.97	21.86	23.0	1.0
40	256QAM	1	1	19.72	19.84	19.79	21.0	3.0
Channel				372500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5	24.0	0.0
35	QPSK	1	1	23.17	23.28	23.14		
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900	24.0	0.0
30	QPSK	1	1	23.21	23.28	23.12		
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5	24.0	0.0
25	QPSK	1	1	23.13	23.27	23.17		
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905	24.0	0.0
20	QPSK	1	1	23.15	23.27	23.08		
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5	24.0	0.0
15	QPSK	1	1	23.18	23.26	23.09		
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910	24.0	0.0
10	QPSK	1	1	23.11	23.28	23.09		
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5	24.0	0.0
5	QPSK	1	1	23.11	23.28	23.09		

n26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.25	23.31	23.27	24.0	0.0
20	PI/2 BPSK	1	53	23.26	23.25	23.27		
20	PI/2 BPSK	1	104	23.24	23.17	23.17		
20	PI/2 BPSK	50	0	23.18	23.30	23.15	24.0	0.0
20	PI/2 BPSK	50	28	23.16	23.26	23.15	24.0	0.0
20	PI/2 BPSK	50	56	23.23	23.14	23.16	24.0	0.0
20	PI/2 BPSK	100	0	23.20	23.29	23.19		
20	QPSK	1	1	23.17	23.35	23.21	24.0	0.0
20	QPSK	1	53	23.18	23.18	23.06		
20	QPSK	1	104	23.07	23.13	23.07		
20	QPSK	50	0	23.07	23.18	23.11	24.0	0.0
20	QPSK	50	28	23.17	23.23	23.21	24.0	0.0
20	QPSK	50	56	23.16	23.18	23.14	24.0	0.0
20	QPSK	100	0	23.14	23.24	23.13		
20	16QAM	1	1	23.27	23.34	23.23	24.0	0.0
20	64QAM	1	1	22.38	22.51	22.36	23.0	1.0
20	256QAM	1	1	20.25	20.35	20.30	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0
15	QPSK	1	1	23.08	23.29	23.08		
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844	24.0	0.0
10	QPSK	1	1	23.10	23.24	23.05		
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0
5	QPSK	1	1	23.01	23.20	23.14		

n66								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.12	23.27	23.14	24.0	0.0
40	PI/2 BPSK	1	108	23.13	23.19	23.11		
40	PI/2 BPSK	1	214	23.18	23.16	23.17		
40	PI/2 BPSK	108	0	23.33	23.38	23.29	24.0	0.0
40	PI/2 BPSK	108	54	23.22	23.17	23.18	24.0	0.0
40	PI/2 BPSK	108	108	23.21	23.25	23.21	24.0	0.0
40	PI/2 BPSK	216	0	23.22	23.36	23.26		
40	QPSK	1	1	23.42	23.43	23.31	24.0	0.0
40	QPSK	1	108	23.36	23.12	23.26		
40	QPSK	1	214	23.30	23.22	23.16		
40	QPSK	108	0	23.11	23.24	23.09	24.0	0.0
40	QPSK	108	54	23.18	23.35	23.19	24.0	0.0
40	QPSK	108	108	23.31	23.33	23.26	24.0	0.0
40	QPSK	216	0	23.32	23.37	23.31		
40	16QAM	1	1	23.08	23.08	23.08	24.0	0.0
40	64QAM	1	1	22.69	22.69	22.69	23.0	1.0
40	256QAM	1	1	20.41	20.41	20.41	21.0	3.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.05	23.01	23.11	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.33	23.38	23.26	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	23.26	23.28	23.26	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.34	23.31	23.21	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	23.37	23.32	23.18	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.38	23.30	23.19	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	23.28	23.37	23.20	24.0	0.0

n70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.55		24.0	0.0
15	PI/2 BPSK	1	40		23.43			
15	PI/2 BPSK	1	77		23.48			
15	PI/2 BPSK	36	0		23.44		24.0	0.0
15	PI/2 BPSK	36	22		23.48		24.0	0.0
15	PI/2 BPSK	36	43		23.36		24.0	0.0
15	PI/2 BPSK	75	0		23.48			
15	QPSK	1	1		23.58		24.0	0.0
15	QPSK	1	40		23.45			
15	QPSK	1	77		23.46			
15	QPSK	36	0		23.37		24.0	0.0
15	QPSK	36	22		23.47		24.0	0.0
15	QPSK	36	43		23.39		24.0	0.0
15	QPSK	75	0		23.49			
15	16QAM	1	1		23.56		24.0	0.0
15	64QAM	1	1		22.99		23.0	1.0
	256QAM	1	1		20.67		21.0	3.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.42	23.49	23.43	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.33	23.39	23.40	24.0	0.0

n71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.53	23.64	23.59	24.0	0.0
20	PI/2 BPSK	1	53	23.52	23.56	23.58		
20	PI/2 BPSK	1	104	23.52	23.55	23.55		
20	PI/2 BPSK	50	0	23.68	23.74	23.63	24.0	0.0
20	PI/2 BPSK	50	28	23.49	23.53	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.74	23.73	23.68	24.0	0.0
20	PI/2 BPSK	100	0	23.69	23.81	23.66		
20	QPSK	1	1	23.71	23.84	23.80	24.0	0.0
20	QPSK	1	53	23.65	23.78	23.74		
20	QPSK	1	104	23.58	23.71	23.68		
20	QPSK	50	0	23.54	23.59	23.53	24.0	0.0
20	QPSK	50	28	23.70	23.74	23.65	24.0	0.0
20	QPSK	50	56	23.67	23.62	23.62	24.0	0.0
20	QPSK	100	0	23.70	23.75	23.65		
20	16QAM	1	1	23.66	23.77	23.72	24.0	0.0
20	64QAM	1	1	23.11	23.23	23.13	24.0	0.0
20	256QAM	1	1	20.77	20.87	20.82	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.61	23.72	23.68	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.63	23.80	23.73	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.62	23.78	23.74	24.0	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.01	23.07	22.98	24.0	0.0
20	PI/2 BPSK	1	53	22.94	23.06	22.98		
20	PI/2 BPSK	1	104	23.06	23.12	23.06		
20	PI/2 BPSK	50	0	22.60	22.63	22.57	24.0	0.0
20	PI/2 BPSK	50	28	23.00	23.07	22.95	24.0	0.0
20	PI/2 BPSK	50	56	22.71	22.74	22.67	24.0	0.0
20	PI/2 BPSK	100	0	22.62	22.67	22.53		
20	QPSK	1	1	23.15	23.18	22.86	24.0	0.0
20	QPSK	1	53	23.11	23.15	23.08		
20	QPSK	1	104	22.96	23.05	22.84		
20	QPSK	50	0	22.15	22.22	22.09	24.0	0.0
20	QPSK	50	28	22.94	23.00	22.90	24.0	0.0
20	QPSK	50	56	22.16	22.20	22.14	24.0	0.0
20	QPSK	100	0	22.54	22.65	22.60		
20	16QAM	1	1	22.62	22.73	22.63	24.0	0.0
20	64QAM	1	1	21.01	21.11	20.99	22.0	2.0
20	256QAM	1	1	19.21	19.29	19.16	20.0	4.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.09	23.05	22.75	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.02	23.10	22.74	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	23.08	23.08	22.79	24.0	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.41	23.55	23.47	24.0	0.0
20	PI/2 BPSK	1	53	23.39	23.45	23.45		
20	PI/2 BPSK	1	104	23.43	23.44	23.41		
20	PI/2 BPSK	50	0	23.38	23.45	23.41	24.0	0.0
20	PI/2 BPSK	50	28	23.41	23.43	23.45	24.0	0.0
20	PI/2 BPSK	50	56	23.29	23.29	23.33	24.0	0.0
20	PI/2 BPSK	100	0	23.36	23.41	23.32		
20	QPSK	1	1	23.57	23.61	23.48	24.0	0.0
20	QPSK	1	53	23.43	23.46	23.32		
20	QPSK	1	104	23.51	23.48	23.41		
20	QPSK	50	0	23.42	23.47	23.32	24.0	0.0
20	QPSK	50	28	23.46	23.49	23.40	24.0	0.0
20	QPSK	50	56	23.32	23.37	23.30	24.0	0.0
20	QPSK	100	0	23.33	23.45	23.36		
20	16QAM	1	1	23.36	23.51	23.45	24.0	0.0
20	64QAM	1	1	22.55	22.60	22.44	23.0	1.0
20	256QAM	1	1	20.15	20.19	20.08	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.52	23.48	23.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.36	23.42	23.21	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	23.30	23.25	23.16	24.0	0.0

n7

BW [MHz]	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	22.26	22.30	22.21	24.0	0.0
50	PI/2 BPSK	1	135	22.21	22.24	22.15		
50	PI/2 BPSK	1	268	22.18	22.15	22.18		
50	PI/2 BPSK	135	0	21.52	21.62	21.53	23.5	0.5
50	PI/2 BPSK	135	68	22.17	22.22	22.21	24.0	0.0
50	PI/2 BPSK	135	135	21.56	21.52	21.54	23.5	0.5
50	PI/2 BPSK	270	0	21.54	21.63	21.53		
50	QPSK	1	1	22.23	22.34	22.19	24.0	0.0
50	QPSK	1	135	22.08	22.20	22.09		
50	QPSK	1	268	22.14	22.17	22.07		
50	QPSK	135	0	21.15	21.13	21.04	23.0	1.0
50	QPSK	135	68	22.16	22.22	22.07	24.0	0.0
50	QPSK	135	135	21.13	21.15	21.16	23.0	1.0
50	QPSK	270	0	21.11	21.22	21.16		
50	16QAM	1	1	21.11	21.08	21.03	23.0	1.0
50	64QAM	1	1	20.12	20.24	20.13	21.5	2.5
50	256QAM	1	1	17.86	17.99	17.87	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.14	22.22	22.09	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.15	22.28	22.11	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	22.13	22.26	22.04	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.11	22.19	22.13	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	22.13	22.22	22.12	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.09	22.28	22.13	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	22.19	22.20	22.07	24.0	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.58	23.68	23.58	24.0	0.0
15	PI/2 BPSK	1	40	23.57	23.59	23.57		
15	PI/2 BPSK	1	77	23.58	23.60	23.58		
15	PI/2 BPSK	36	0	23.19	23.27	23.16	24.0	0.0
15	PI/2 BPSK	36	22	23.57	23.56	23.61	24.0	0.0
15	PI/2 BPSK	36	43	23.27	23.25	23.28	24.0	0.0
15	PI/2 BPSK	75	0	23.27	23.28	23.29		
15	QPSK	1	1	23.62	23.79	23.67	24.0	0.0
15	QPSK	1	40	23.65	23.66	23.64		
15	QPSK	1	77	23.60	23.60	23.66		
15	QPSK	36	0	23.25	23.33	23.21	24.0	0.0
15	QPSK	36	22	23.60	23.68	23.54	24.0	0.0
15	QPSK	36	43	23.22	23.26	23.24	24.0	0.0
15	QPSK	75	0	23.26	23.35	23.24		
15	16QAM	1	1	23.43	23.53	23.45	24.0	0.0
15	64QAM	1	1	22.71	22.79	22.68	23.0	1.0
	256QAM	1	1	20.29	20.37	20.24	21.0	3.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.51	23.75	23.60	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.50	23.73	23.60	24.0	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.49		24.0	0.0
10	PI/2 BPSK	1	26		23.38			
10	PI/2 BPSK	1	50		23.39			
10	PI/2 BPSK	25	0		23.49		24.0	0.0
10	PI/2 BPSK	25	14		23.37		24.0	0.0
10	PI/2 BPSK	25	27		23.40		24.0	0.0
10	PI/2 BPSK	50	0		23.51			
10	QPSK	1	1		23.56		24.0	0.0
10	QPSK	1	26		23.44			
10	QPSK	1	50		23.48			
10	QPSK	25	0		23.48		24.0	0.0
10	QPSK	25	14		23.50		24.0	0.0
10	QPSK	25	27		23.41		24.0	0.0
10	QPSK	50	0		23.54			
10	16QAM	1	1		23.48		24.0	0.0
10	64QAM	1	1		22.94		23.0	1.0
10	256QAM	1	1		20.29		21.0	3.0
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.46	23.45	23.45	24.0	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.04	23.03	22.25	24.0	0.0
40	PI/2 BPSK	1	108	22.07	23.06	22.07		
40	PI/2 BPSK	1	214	22.24	23.01	22.03		
40	PI/2 BPSK	108	0	21.65	22.63	21.68	23.5	0.5
40	PI/2 BPSK	108	54	22.08	23.09	22.05	24.0	0.0
40	PI/2 BPSK	108	108	21.62	22.60	21.57	23.5	0.5
40	PI/2 BPSK	216	0	21.70	22.65	21.60		
40	QPSK	1	1	23.06	23.12	23.07	24.0	0.0
40	QPSK	1	108	22.09	23.09	22.09		
40	QPSK	1	214	22.11	23.05	22.10		
40	QPSK	108	0	21.13	22.08	21.07	23.0	1.0
40	QPSK	108	54	22.15	23.03	22.05	24.0	0.0
40	QPSK	108	108	21.17	22.13	21.17	23.0	1.0
40	QPSK	216	0	21.20	22.26	21.22		
40	16QAM	1	1	21.18	22.20	21.21	23.0	1.0
40	64QAM	1	1	19.73	20.67	19.68	21.5	2.5
40	256QAM	1	1	17.91	18.96	17.96	19.5	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.03	22.98	22.96	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.96	22.99	22.94	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.97	23.09	22.94	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.99	23.07	22.93	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.97	23.08	23.00	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.98	23.09	22.98	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.98	23.09	22.98	22.0	1.0

n26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.29	23.36	23.28	24.0	0.0
20	PI/2 BPSK	1	53	23.28	23.23	23.24		
20	PI/2 BPSK	1	104	23.27	23.27	23.25		
20	PI/2 BPSK	50	0	23.28	23.40	23.32	24.0	0.0
20	PI/2 BPSK	50	28	23.24	23.28	23.26	24.0	0.0
20	PI/2 BPSK	50	56	23.19	23.18	23.23	24.0	0.0
20	PI/2 BPSK	100	0	23.22	23.31	23.22		
20	QPSK	1	1	23.40	23.47	23.39	24.0	0.0
20	QPSK	1	53	23.32	23.38	23.28		
20	QPSK	1	104	23.33	23.36	23.27		
20	QPSK	50	0	23.24	23.33	23.23	24.0	0.0
20	QPSK	50	28	23.33	23.36	23.30	24.0	0.0
20	QPSK	50	56	23.16	23.17	23.18	24.0	0.0
20	QPSK	100	0	23.17	23.27	23.20		
20	16QAM	1	1	22.88	22.97	22.90	24.0	0.0
20	64QAM	1	1	22.25	22.37	22.26	23.0	1.0
20	256QAM	1	1	19.81	19.93	19.83	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.30	23.31	23.23	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.35	23.40	23.24	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	23.35	23.34	23.25	24.0	0.0

n30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.20		24.0	0.0
10	PI/2 BPSK	1	26		22.27			
10	PI/2 BPSK	1	50		22.20			
10	PI/2 BPSK	25	0		21.86		23.5	0.5
10	PI/2 BPSK	25	14		22.23		24.0	0.0
10	PI/2 BPSK	25	27		21.81		23.5	0.5
10	PI/2 BPSK	50	0		21.79			
10	QPSK	1	1		22.33		24.0	0.0
10	QPSK	1	26		22.26			
10	QPSK	1	50		22.21			
10	QPSK	25	0		21.38		23.0	1.0
10	QPSK	25	14		22.28		24.0	0.0
10	QPSK	25	27		21.38		23.0	1.0
10	QPSK	50	0		21.21			
10	16QAM	1	1		21.17		23.0	1.0
10	64QAM	1	1		19.60		21.5	2.5
10	256QAM	1	1		17.61		19.5	4.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.29	21.31	21.34	#REF!	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.08	23.17	23.10	24.0	0.0
40	PI/2 BPSK	1	108	22.99	23.11	23.01		
40	PI/2 BPSK	1	214	23.13	23.16	23.09		
40	PI/2 BPSK	108	0	23.00	23.09	23.02	24.0	0.0
40	PI/2 BPSK	108	54	22.99	23.10	23.05	24.0	0.0
40	PI/2 BPSK	108	108	22.99	23.10	23.07	24.0	0.0
40	PI/2 BPSK	216	0	22.98	23.10	23.06		
40	QPSK	1	1	23.15	23.22	23.10	24.0	0.0
40	QPSK	1	108	23.15	23.18	23.10		
40	QPSK	1	214	23.02	23.15	23.07		
40	QPSK	108	0	23.07	23.16	23.06	24.0	0.0
40	QPSK	108	54	23.13	23.19	23.08	24.0	0.0
40	QPSK	108	108	23.02	23.14	23.01	24.0	0.0
40	QPSK	216	0	23.05	23.10	22.97		
40	16QAM	1	1	22.87	22.96	22.83	24.0	0.0
40	64QAM	1	1	21.21	21.34	21.22	23.0	1.0
40	256QAM	1	1	19.72	19.83	19.75	21.0	3.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.05	23.01	23.11	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.09	23.18	22.97	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	23.12	23.11	23.01	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.13	23.09	23.06	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	23.11	23.09	23.01	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.11	23.13	23.07	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	23.09	23.18	23.03	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					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.44		24.0	0.0
15	PI/2 BPSK	1	40		23.36			
15	PI/2 BPSK	1	77		23.41			
15	PI/2 BPSK	36	0		23.19		24.0	0.0
15	PI/2 BPSK	36	22		23.40		24.0	0.0
15	PI/2 BPSK	36	43		23.30		24.0	0.0
15	PI/2 BPSK	75	0		23.37			
15	QPSK	1	1		23.57		24.0	0.0
15	QPSK	1	40		23.52			
15	QPSK	1	77		23.49			
15	QPSK	36	0		23.38		24.0	0.0
15	QPSK	36	22		23.52		24.0	0.0
15	QPSK	36	43		23.39		24.0	0.0
15	QPSK	75	0		23.43			
15	16QAM	1	1		23.49		24.0	0.0
15	64QAM	1	1		22.71		23.0	1.0
	256QAM	1	1		20.27		21.0	3.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.49	23.50	23.52	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.52	23.46	23.46	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				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.60	23.67	23.59	24.0	0.0
20	PI/2 BPSK	1	53	23.63	23.65	23.63		
20	PI/2 BPSK	1	104	23.60	23.59	23.65		
20	PI/2 BPSK	50	0	23.73	23.75	23.72	24.0	0.0
20	PI/2 BPSK	50	28	23.62	23.64	23.64	24.0	0.0
20	PI/2 BPSK	50	56	23.70	23.71	23.71	24.0	0.0
20	PI/2 BPSK	100	0	23.73	23.76	23.74		
20	QPSK	1	1	23.73	23.86	23.70	24.0	0.0
20	QPSK	1	53	23.66	23.65	23.67		
20	QPSK	1	104	23.68	23.66	23.65		
20	QPSK	50	0	23.61	23.68	23.65	24.0	0.0
20	QPSK	50	28	23.79	23.81	23.79	24.0	0.0
20	QPSK	50	56	23.65	23.67	23.65	24.0	0.0
20	QPSK	100	0	23.66	23.73	23.67		
20	16QAM	1	1	23.53	23.59	23.53	24.0	0.0
20	64QAM	1	1	22.62	22.70	22.65	23.0	1.0
20	256QAM	1	1	20.19	20.25	20.21	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.67	23.80	23.62	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.60	23.72	23.60	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.57	23.72	23.55	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	21.76	22.21	21.75	24.0	0.0
40	PI/2 BPSK	1	53	21.68	22.19	21.64		
40	PI/2 BPSK	1	104	21.75	22.24	21.71		
40	PI/2 BPSK	50	0	21.25	21.77	21.32	23.5	0.5
40	PI/2 BPSK	50	28	21.62	22.18	21.72	24.0	0.0
40	PI/2 BPSK	50	56	21.37	21.87	21.33	23.5	0.5
40	PI/2 BPSK	100	0	21.31	21.80	21.33		
40	QPSK	1	1	23.58	23.61	23.47	24.0	0.0
40	QPSK	1	53	22.98	23.53	23.00		
40	QPSK	1	104	22.98	23.53	23.08		
40	QPSK	50	0	21.74	22.26	21.73	23.0	1.0
40	QPSK	50	28	22.82	23.35	22.85	24.0	0.0
40	QPSK	50	56	21.68	22.20	21.68	23.0	1.0
40	QPSK	100	0	21.76	22.31	21.86		
40	16QAM	1	1	21.98	22.45	21.97	23.0	1.0
40	64QAM	1	1	20.18	20.71	20.25	21.5	2.5
40	256QAM	1	1	18.42	18.93	18.48	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.04	23.15	22.91	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	23.05	23.10	22.91	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	23.07	23.16	22.95	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	23.10	23.14	22.97	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.27	23.40	23.34	24.0	0.0
100	PI/2 BPSK	1	137	23.43	23.46	23.40		
100	PI/2 BPSK	1	271	23.36	23.39	23.29		
100	PI/2 BPSK	135	0	22.87	22.98	22.94	24.0	0.0
100	PI/2 BPSK	135	69	23.35	23.39	23.30	24.0	0.0
100	PI/2 BPSK	135	138	22.94	22.97	22.84	24.0	0.0
100	PI/2 BPSK	270	0	22.88	22.98	22.95		
100	QPSK	1	1	22.54	23.53	22.61	24.0	0.0
100	QPSK	1	137	23.32	23.46	23.35		
100	QPSK	1	271	23.34	23.40	23.33		
100	QPSK	135	0	22.98	23.02	22.93	24.0	0.0
100	QPSK	135	69	23.20	23.30	23.20	24.0	0.0
100	QPSK	135	138	22.96	22.99	22.94	24.0	0.0
100	QPSK	270	0	22.79	22.91	22.83		
100	16QAM	1	1	23.23	23.26	23.12	24.0	0.0
100	64QAM	1	1	22.46	22.60	22.52	23.0	1.0
100	256QAM	1	1	20.84	20.98	20.87	21.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.46	23.41	22.57	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.43	23.44	22.52	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.50	23.40	22.55	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	22.44	23.41	22.58	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.42	23.42	22.55	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	22.47	23.49	22.51	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	22.49	23.43	22.59	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.45	23.47	22.55	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.47	23.45	22.56	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	22.40	23.46	22.51	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.67	23.76	23.71	24.0	0.0
100	PI/2 BPSK	1	137	23.78	23.80	23.72		
100	PI/2 BPSK	1	271	23.76	23.80	23.69		
100	PI/2 BPSK	135	0	23.09	23.13	23.08	23.5	0.5
100	PI/2 BPSK	135	69	23.79	23.84	23.82	24.0	0.0
100	PI/2 BPSK	135	138	23.05	23.12	23.10	23.5	0.5
100	PI/2 BPSK	270	0	23.05	23.08	23.02		
100	QPSK	1	1	23.88	23.89	23.66	24.0	0.0
100	QPSK	1	137	23.72	23.77	23.67		
100	QPSK	1	271	23.73	23.85	23.74		
100	QPSK	135	0	21.68	21.78	21.75	23.0	1.0
100	QPSK	135	69	22.40	22.53	22.49	24.0	0.0
100	QPSK	135	138	21.77	21.84	21.80	23.0	1.0
100	QPSK	270	0	21.81	21.92	21.88		
100	16QAM	1	1	23.04	23.18	23.12	24.0	0.0
100	64QAM	1	1	21.65	21.76	21.66	23.0	1.0
100	256QAM	1	1	20.52	20.61	20.48	22.0	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.80	23.82	23.64	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.76	23.80	23.61	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.75	23.84	23.63	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	23.85	23.85	23.55	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.85	23.84	23.63	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	23.77	23.84	23.55	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	23.84	23.82	23.61	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.78	23.80	23.56	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.78	23.83	23.60	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	23.86	23.78	23.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.47	15.58	15.47	16.5	0.0
40	PI/2 BPSK	1	53	15.51	15.54	15.52		
40	PI/2 BPSK	1	104	15.45	15.52	15.44		
40	PI/2 BPSK	50	0	15.60	15.61	15.62	16.0	0.5
40	PI/2 BPSK	50	28	15.50	15.53	15.48	16.5	0.0
40	PI/2 BPSK	50	56	15.35	15.46	15.38	16.0	0.5
40	PI/2 BPSK	100	0	15.51	15.54	15.52		
40	QPSK	1	1	15.17	15.64	15.32	16.5	0.0
40	QPSK	1	53	15.40	15.53	15.46		
40	QPSK	1	104	15.42	15.50	15.41		
40	QPSK	50	0	14.29	14.35	14.30	15.5	1.0
40	QPSK	50	28	15.44	15.53	15.51	16.5	0.0
40	QPSK	50	56	14.12	14.25	14.19	15.5	1.0
40	QPSK	100	0	13.93	14.06	14.01		
40	16QAM	1	1	13.67	13.75	13.68	15.5	1.0
40	64QAM	1	1	12.34	12.43	12.33	14.0	2.5
40	256QAM	1	1	10.73	10.75	10.64	12.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.06	15.62	15.24	16.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	15.10	15.51	15.20	16.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.12	15.55	15.21	16.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.14	15.57	15.28	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.67	20.75	20.71	22.0	0.0
100	PI/2 BPSK	1	137	20.65	20.72	20.61		
100	PI/2 BPSK	1	271	20.62	20.70	20.58		
100	PI/2 BPSK	135	0	19.74	19.81	19.69	21.5	0.5
100	PI/2 BPSK	135	69	20.50	20.64	20.55	22.0	0.0
100	PI/2 BPSK	135	138	20.18	20.21	20.14	21.5	0.5
100	PI/2 BPSK	270	0	20.11	20.23	20.13		
100	QPSK	1	1	20.70	20.97	20.67	22.0	0.0
100	QPSK	1	137	20.83	20.88	20.83		
100	QPSK	1	271	20.79	20.84	20.81		
100	QPSK	135	0	18.62	18.74	18.67	19.0	3.0
100	QPSK	135	69	20.85	20.92	20.87	22.0	0.0
100	QPSK	135	138	18.71	18.74	18.64	19.0	3.0
100	QPSK	270	0	18.70	18.79	18.67		
100	16QAM	1	1	19.64	19.72	19.69	21.0	1.0
100	64QAM	1	1	18.58	18.67	18.64	19.5	2.5
100	256QAM	1	1	16.27	16.39	16.27	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.68	20.90	20.64	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.59	20.93	20.55	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.60	20.92	20.53	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.61	20.83	20.57	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.57	20.88	20.62	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.62	20.93	20.59	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.59	20.94	20.59	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.59	20.89	20.58	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.58	20.90	20.61	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.67	20.90	20.63	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	20.67	20.75	20.71	22.0	0.0
100	PI/2 BPSK	1	137	20.65	20.72	20.61		
100	PI/2 BPSK	1	271	20.62	20.70	20.58		
100	PI/2 BPSK	135	0	19.74	19.81	19.69	21.5	0.5
100	PI/2 BPSK	135	69	20.50	20.64	20.55	22.0	0.0
100	PI/2 BPSK	135	138	20.18	20.21	20.14	21.5	0.5
100	PI/2 BPSK	270	0	20.11	20.23	20.13		
100	QPSK	1	1	20.70	20.97	20.67	22.0	0.0
100	QPSK	1	137	20.83	20.88	20.83		
100	QPSK	1	271	20.79	20.84	20.81		
100	QPSK	135	0	18.62	18.74	18.67	19.0	3.0
100	QPSK	135	69	20.85	20.92	20.87	22.0	0.0
100	QPSK	135	138	18.71	18.74	18.64	19.0	3.0
100	QPSK	270	0	18.70	18.79	18.67		
100	16QAM	1	1	19.64	19.72	19.69	21.0	1.0
100	64QAM	1	1	18.58	18.67	18.64	19.5	2.5
100	256QAM	1	1	16.27	16.39	16.27	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.68	20.90	20.64	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.59	20.93	20.55	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.60	20.92	20.53	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.61	20.83	20.57	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.57	20.88	20.62	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.62	20.93	20.59	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.59	20.94	20.59	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.59	20.89	20.58	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.58	20.90	20.61	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.67	20.90	20.63	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.99	23.10	23.00	24.0	0.0
40	PI/2 BPSK	1	53	23.04	23.05	23.02		
40	PI/2 BPSK	1	104	22.99	23.14	22.94		
40	PI/2 BPSK	50	0	22.62	22.64	22.57	23.5	0.5
40	PI/2 BPSK	50	28	23.12	23.19	23.06	24.0	0.0
40	PI/2 BPSK	50	56	22.66	22.82	22.63	23.5	0.5
40	PI/2 BPSK	100	0	22.53	22.67	22.65		
40	QPSK	1	1	23.18	23.28	23.13	24.0	0.0
40	QPSK	1	53	23.07	23.19	23.10		
40	QPSK	1	104	23.06	23.19	23.08		
40	QPSK	50	0	22.14	22.33	22.12	23.0	1.0
40	QPSK	50	28	23.03	23.09	22.96	24.0	0.0
40	QPSK	50	56	22.45	22.45	22.48	23.0	1.0
40	QPSK	100	0	22.46	22.50	22.37		
40	16QAM	1	1	22.91	22.95	22.90	23.0	1.0
40	64QAM	1	1	21.21	21.26	21.18	21.5	2.5
40	256QAM	1	1	19.03	19.12	19.07	19.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.08	23.18	23.02	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.09	23.18	23.06	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.15	23.21	23.05	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	22.22	22.29	22.25	23.0	0.0
100	PI/2 BPSK	1	137	22.36	22.35	22.25		
100	PI/2 BPSK	1	271	22.25	22.36	22.24		
100	PI/2 BPSK	135	0	21.94	21.84	21.84	23.0	0.0
100	PI/2 BPSK	135	69	22.28	22.23	22.30	23.0	0.0
100	PI/2 BPSK	135	138	21.86	22.00	21.79	23.0	0.0
100	PI/2 BPSK	270	0	21.86	21.86	21.77		
100	QPSK	1	1	22.38	22.39	22.31	23.0	0.0
100	QPSK	1	137	22.34	22.36	22.35		
100	QPSK	1	271	22.31	22.30	22.15		
100	QPSK	135	0	22.26	22.34	22.25	23.0	0.0
100	QPSK	135	69	22.24	22.38	22.32	23.0	0.0
100	QPSK	135	138	22.25	22.36	22.27	23.0	0.0
100	QPSK	270	0	22.21	22.31	22.26		
100	16QAM	1	1	22.27	22.33	22.36	23.0	0.0
100	64QAM	1	1	22.20	22.27	22.17	23.0	0.0
100	256QAM	1	1	21.23	21.39	21.34	22.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.27	22.24	22.26	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.34	22.25	22.16	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.34	22.35	22.17	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.22	22.30	22.24	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.31	22.36	22.27	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.25	22.23	22.25	23.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.21	22.28	22.16	23.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.32	22.27	22.22	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.22	22.32	22.23	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.21	22.30	22.26	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.34	22.31	22.21	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.85	23.84	23.78	25.0	0.0
100	PI/2 BPSK	1	137	23.93	23.88	23.81		
100	PI/2 BPSK	1	271	23.79	23.93	23.73		
100	PI/2 BPSK	135	0	23.57	23.44	23.41	24.5	0.5
100	PI/2 BPSK	135	69	23.81	23.79	23.84	25.0	0.0
100	PI/2 BPSK	135	138	23.37	23.63	23.38	24.5	0.5
100	PI/2 BPSK	270	0	23.42	23.40	23.33		
100	QPSK	1	1	23.91	23.95	23.88	25.0	0.0
100	QPSK	1	137	23.86	23.85	23.86		
100	QPSK	1	271	23.92	23.84	23.70		
100	QPSK	135	0	23.82	23.89	23.77	24.0	1.0
100	QPSK	135	69	23.87	23.91	23.90	25.0	0.0
100	QPSK	135	138	23.83	23.90	23.88	24.0	1.0
100	QPSK	270	0	23.73	23.89	23.78		
100	16QAM	1	1	23.85	23.89	23.89	24.0	1.0
100	64QAM	1	1	21.46	21.50	21.38	22.5	2.5
100	256QAM	1	1	19.44	19.50	19.36	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.87	23.78	23.83	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.75	23.79	23.71	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.75	23.90	23.76	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.85	23.87	23.78	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.77	23.83	23.72	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.80	23.79	23.78	25.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.83	23.79	23.84	25.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.82	23.79	23.74	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.76	23.79	23.76	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.83	23.82	23.84	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.74	23.79	23.71	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.09		24.0	0.0
100	PI/2 BPSK	1	137		23.16			
100	PI/2 BPSK	1	271		23.09			
100	PI/2 BPSK	135	0		22.64		23.5	0.5
100	PI/2 BPSK	135	69		23.09		24.0	0.0
100	PI/2 BPSK	135	138		22.68		23.5	0.5
100	PI/2 BPSK	270	0		22.75			
100	QPSK	1	1		23.25		24.0	0.0
100	QPSK	1	137		23.21			
100	QPSK	1	271		23.15			
100	QPSK	135	0		22.16		23.0	1.0
100	QPSK	135	69		23.16		24.0	0.0
100	QPSK	135	138		22.14		23.0	1.0
100	QPSK	270	0		22.62			
100	16QAM	1	1		22.19		23.0	1.0
100	64QAM	1	1		20.47		21.5	2.5
100	256QAM	1	1		18.91		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.12	23.17	23.23	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.22	23.20	23.15	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.17	23.17	23.18	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.12	23.15	23.13	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.15	23.20	23.23	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.13	23.13	23.21	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.15	23.19	23.22	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.19	23.17	23.22	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.20	23.21	23.22	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.16	23.19	23.16	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.23	23.19	23.14	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.09		25.0	0.0
100	PI/2 BPSK	1	137		23.16			
100	PI/2 BPSK	1	271		23.09			
100	PI/2 BPSK	135	0		22.64		24.5	0.5
100	PI/2 BPSK	135	69		23.09		25.0	0.0
100	PI/2 BPSK	135	138		22.68		24.5	0.5
100	PI/2 BPSK	270	0		22.75			
100	QPSK	1	1		23.25		25.0	0.0
100	QPSK	1	137		23.21			
100	QPSK	1	271		23.15			
100	QPSK	135	0		22.16		24.0	1.0
100	QPSK	135	69		23.16		25.0	0.0
100	QPSK	135	138		22.14		24.0	1.0
100	QPSK	270	0		22.62			
100	16QAM	1	1		22.19		24.0	1.0
100	64QAM	1	1		20.47		22.5	2.5
100	256QAM	1	1		18.91		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.12	23.17	23.23	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.22	23.20	23.15	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.17	23.17	23.18	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.12	23.15	23.13	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.15	23.20	23.23	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.13	23.13	23.21	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.15	23.19	23.22	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.19	23.17	23.22	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.20	23.21	23.22	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.16	23.19	23.16	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.23	23.19	23.14	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.96		23.0	0.0
100	PI/2 BPSK	1	137		22.10			
100	PI/2 BPSK	1	271		21.99			
100	PI/2 BPSK	135	0		21.61		23.0	0.0
100	PI/2 BPSK	135	69		22.12		23.0	0.0
100	PI/2 BPSK	135	138		21.55		23.0	0.0
100	PI/2 BPSK	270	0		21.68			
100	QPSK	1	1		22.28		23.0	0.0
100	QPSK	1	137		22.17			
100	QPSK	1	271		22.07			
100	QPSK	135	0		21.13		23.0	0.0
100	QPSK	135	69		22.17		23.0	0.0
100	QPSK	135	138		21.09		23.0	0.0
100	QPSK	270	0		22.15			
100	16QAM	1	1		22.23		23.0	0.0
100	64QAM	1	1		20.26		22.0	1.0
100	256QAM	1	1		18.95		20.0	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.98	21.97	22.00	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.96	22.04	21.99	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.94	21.99	21.97	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.00	22.06	22.05	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.06	21.96	22.00	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.04	21.98	21.95	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.95	21.97	22.03	23.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.96	21.96	22.03	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.01	22.01	22.05	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.95	22.02	22.06	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.02	21.95	21.94	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.13		25.0	0.0
100	PI/2 BPSK	1	137		23.12			
100	PI/2 BPSK	1	271		23.20			
100	PI/2 BPSK	135	0		22.69		24.5	0.5
100	PI/2 BPSK	135	69		23.19		25.0	0.0
100	PI/2 BPSK	135	138		22.76		24.5	0.5
100	PI/2 BPSK	270	0		22.77			
100	QPSK	1	1		23.24		25.0	0.0
100	QPSK	1	137		23.01			
100	QPSK	1	271		23.12			
100	QPSK	135	0		22.28		24.0	1.0
100	QPSK	135	69		23.23		25.0	0.0
100	QPSK	135	138		22.23		24.0	1.0
100	QPSK	270	0		22.23			
100	16QAM	1	1		22.23		24.0	1.0
100	64QAM	1	1		21.23		22.5	2.5
100	256QAM	1	1		18.75		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.17	23.16	23.20	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.17	23.12	23.18	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.17	23.19	23.13	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.15	23.19	23.10	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.20	23.16	23.22	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.12	23.18	23.15	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.10	23.21	23.11	25.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.21	23.16	23.17	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.16	23.16	23.16	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.14	23.21	23.13	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.19	23.13	23.21	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.98		24.0	0.0
100	PI/2 BPSK	1	137		23.01			
100	PI/2 BPSK	1	271		22.97			
100	PI/2 BPSK	135	0		22.62		23.5	0.5
100	PI/2 BPSK	135	69		23.03		24.0	0.0
100	PI/2 BPSK	135	138		22.60		23.5	0.5
100	PI/2 BPSK	270	0		22.62			
100	QPSK	1	1		23.11		24.0	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		22.92			
100	QPSK	135	0		22.57		23.0	1.0
100	QPSK	135	69		23.09		24.0	0.0
100	QPSK	135	138		22.60		23.0	1.0
100	QPSK	270	0		22.69			
100	16QAM	1	1		22.05		23.0	1.0
100	64QAM	1	1		20.47		21.5	2.5
100	256QAM	1	1		19.05		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.03	22.99	22.94	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.98	22.94	23.00	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.99	22.93	23.01	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.98	23.02	23.00	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.97	22.96	22.94	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.96	22.93	22.97	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.95	22.93	23.01	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.96	22.94	22.99	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.00	22.97	23.01	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.97	23.04	22.98	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.94	23.03	22.93	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.52		25.0	0.0
100	PI/2 BPSK	1	137		23.59			
100	PI/2 BPSK	1	271		23.54			
100	PI/2 BPSK	135	0		23.18		24.5	0.5
100	PI/2 BPSK	135	69		23.60		25.0	0.0
100	PI/2 BPSK	135	138		23.10		24.5	0.5
100	PI/2 BPSK	270	0		23.17			
100	QPSK	1	1		23.64		25.0	0.0
100	QPSK	1	137		23.14			
100	QPSK	1	271		23.21			
100	QPSK	135	0		22.56		24.0	1.0
100	QPSK	135	69		23.58		25.0	0.0
100	QPSK	135	138		22.61		24.0	1.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.51		24.0	1.0
100	64QAM	1	1		20.65		22.5	2.5
100	256QAM	1	1		19.02		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.58	23.52	23.50	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.60	23.54	23.60	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.59	23.59	23.56	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.59	23.55	23.51	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.58	23.57	23.56	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.56	23.56	23.51	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.52	23.51	23.62	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.56	23.55	23.59	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.58	23.53	23.54	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.53	23.58	23.54	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.60	23.58	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.24	23.36	23.22	24.0	0.0
50	PI/2 BPSK	1	135	23.44	23.48	23.41		
50	PI/2 BPSK	1	268	23.41	23.45	23.37		
50	PI/2 BPSK	135	0	23.37	23.43	23.41	24.0	0.0
50	PI/2 BPSK	135	68	23.41	23.49	23.44	24.0	0.0
50	PI/2 BPSK	135	135	23.30	23.42	23.32	24.0	0.0
50	PI/2 BPSK	270	0	23.36	23.46	23.38		
50	QPSK	1	1	23.31	23.55	23.29	24.0	0.0
50	QPSK	1	135	23.36	23.50	23.42		
50	QPSK	1	268	23.37	23.47	23.42		
50	QPSK	135	0	23.35	23.48	23.44	24.0	0.0
50	QPSK	135	68	23.47	23.49	23.35	24.0	0.0
50	QPSK	135	135	23.38	23.42	23.40	24.0	0.0
50	QPSK	270	0	23.30	23.43	23.31		
50	16QAM	1	1	23.30	23.41	23.32	24.0	0.0
50	64QAM	1	1	21.97	22.04	21.92	23.0	1.0
50	256QAM	1	1	20.02	20.12	20.06	21.0	3.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.20	23.44	23.26	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.22	23.46	23.17	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	23.17	23.52	23.16	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.24	23.45	23.25	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	23.27	23.44	23.16	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.22	23.47	23.26	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	23.24	23.47	23.21	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					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.27		24.0	0.0
10	PI/2 BPSK	1	26		23.37			
10	PI/2 BPSK	1	50		23.33			
10	PI/2 BPSK	25	0		23.37		24.0	0.0
10	PI/2 BPSK	25	14		23.39		24.0	0.0
10	PI/2 BPSK	25	27		23.34		24.0	0.0
10	PI/2 BPSK	50	0		23.44			
10	QPSK	1	1		23.45		24.0	0.0
10	QPSK	1	26		23.30			
10	QPSK	1	50		23.36			
10	QPSK	25	0		23.38		24.0	0.0
10	QPSK	25	14		23.40		24.0	0.0
10	QPSK	25	27		23.34		24.0	0.0
10	QPSK	50	0		23.41			
10	16QAM	1	1		22.94		24.0	0.0
10	64QAM	1	1		22.24		23.0	1.0
10	256QAM	1	1		20.41		21.0	3.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.34	23.37	23.37	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.78	23.91	23.79	25.0	0.0
40	PI/2 BPSK	1	53	23.75	23.85	23.74		
40	PI/2 BPSK	1	104	23.90	23.94	23.81		
40	PI/2 BPSK	50	0	23.40	23.44	23.31	24.5	0.5
40	PI/2 BPSK	50	28	23.72	23.83	23.70	25.0	0.0
40	PI/2 BPSK	50	56	23.34	23.41	23.28	24.5	0.5
40	PI/2 BPSK	100	0	23.41	23.46	23.43		
40	QPSK	1	1	23.95	23.96	23.89	25.0	0.0
40	QPSK	1	53	23.79	23.91	23.83		
40	QPSK	1	104	23.88	23.92	23.88		
40	QPSK	50	0	22.91	22.98	22.85	24.0	1.0
40	QPSK	50	28	23.78	23.86	23.84	25.0	0.0
40	QPSK	50	56	22.69	22.81	22.76	24.0	1.0
40	QPSK	100	0	22.72	22.85	22.81		
40	16QAM	1	1	23.14	23.21	23.10	24.0	1.0
40	64QAM	1	1	21.72	21.77	21.64	22.5	2.5
40	256QAM	1	1	19.36	19.45	19.33	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.86	23.86	23.78	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.83	23.93	23.82	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.85	23.90	23.87	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.93	23.88	23.82	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.36	23.45	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.43	23.50	23.44		
100	PI/2 BPSK	1	271	23.49	23.56	23.46		
100	PI/2 BPSK	135	0	23.43	23.56	23.44	25.0	0.0
100	PI/2 BPSK	135	69	23.53	23.55	23.43	25.0	0.0
100	PI/2 BPSK	135	138	23.51	23.59	23.49	25.0	0.0
100	PI/2 BPSK	270	0	23.41	23.52	23.43		
100	QPSK	1	1	23.15	23.61	23.35	25.0	0.0
100	QPSK	1	137	23.47	23.49	23.38		
100	QPSK	1	271	23.46	23.49	23.37		
100	QPSK	135	0	23.42	23.55	23.46	25.0	0.0
100	QPSK	135	69	23.56	23.59	23.48	25.0	0.0
100	QPSK	135	138	23.49	23.52	23.41	25.0	0.0
100	QPSK	270	0	23.18	23.28	23.24		
100	16QAM	1	1	23.11	23.19	23.11	25.0	0.0
100	64QAM	1	1	23.08	23.20	23.07	24.0	1.0
100	256QAM	1	1	20.43	20.57	20.53	22.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.48	23.30	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.05	23.58	23.27	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.02	23.48	23.25	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.09	23.49	23.22	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.05	23.47	23.30	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.11	23.58	23.27	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.02	23.48	23.24	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.06	23.51	23.26	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.05	23.47	23.30	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.07	23.57	23.27	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.01	24.10	24.20	26.0	0.0
100	PI/2 BPSK	1	137	24.31	24.36	24.28		
100	PI/2 BPSK	1	271	24.30	24.43	24.32		
100	PI/2 BPSK	135	0	24.11	24.20	24.11	25.5	0.5
100	PI/2 BPSK	135	69	24.36	24.43	24.40	26.0	0.0
100	PI/2 BPSK	135	138	24.36	24.42	24.37	25.5	0.5
100	PI/2 BPSK	270	0	24.17	24.23	24.15		
100	QPSK	1	1	24.45	24.46	24.42	26.0	0.0
100	QPSK	1	137	24.23	24.36	24.30		
100	QPSK	1	271	24.32	24.40	24.32		
100	QPSK	135	0	23.51	23.56	23.43	25.0	1.0
100	QPSK	135	69	24.33	24.37	24.26	26.0	0.0
100	QPSK	135	138	24.28	24.32	24.26	25.0	1.0
100	QPSK	270	0	23.18	23.28	23.24		
100	16QAM	1	1	23.40	23.50	23.41	25.0	1.0
100	64QAM	1	1	22.91	23.04	22.95	23.5	2.5
100	256QAM	1	1	20.47	20.58	20.50	21.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.42	24.35	24.32	26.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.38	24.35	24.29	26.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.35	24.38	24.28	26.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.42	24.37	24.39	26.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.42	24.41	24.33	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.36	24.36	24.36	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.34	24.35	24.32	26.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.32	24.33	24.31	26.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.36	24.39	24.38	26.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.32	24.33	24.33	26.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.78	23.25	22.99	24.0	0.0
40	PI/2 BPSK	1	53	22.72	23.28	23.02		
40	PI/2 BPSK	1	104	22.73	23.21	23.01		
40	PI/2 BPSK	50	0	22.38	22.86	22.59	24.0	0.0
40	PI/2 BPSK	50	28	22.82	23.26	22.98	24.0	0.0
40	PI/2 BPSK	50	56	22.39	22.83	22.50	24.0	0.0
40	PI/2 BPSK	100	0	22.41	22.84	22.55		
40	QPSK	1	1	22.85	23.35	23.05	24.0	0.0
40	QPSK	1	53	22.81	23.30	23.00		
40	QPSK	1	104	22.75	23.29	22.98		
40	QPSK	50	0	22.98	23.07	23.00	24.0	0.0
40	QPSK	50	28	23.03	23.13	23.04	24.0	0.0
40	QPSK	50	56	23.01	23.04	23.07	24.0	0.0
40	QPSK	100	0	22.99	23.11	22.98		
40	16QAM	1	1	22.92	23.03	22.96	24.0	0.0
40	64QAM	1	1	22.09	22.18	22.08	23.0	1.0
40	256QAM	1	1	20.30	20.37	20.25	21.0	3.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.78	23.22	22.94	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.82	23.26	22.98	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.81	23.32	22.91	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	22.53	22.57	22.57	24.0	0.0
100	PI/2 BPSK	1	137	22.64	22.64	22.55		
100	PI/2 BPSK	1	271	22.57	22.62	22.53		
100	PI/2 BPSK	135	0	22.21	22.17	22.12	24.0	0.0
100	PI/2 BPSK	135	69	22.60	22.57	22.52	24.0	0.0
100	PI/2 BPSK	135	138	22.12	22.23	22.07	24.0	0.0
100	PI/2 BPSK	270	0	22.20	22.17	22.07		
100	QPSK	1	1	22.66	22.71	22.63	24.0	0.0
100	QPSK	1	137	22.61	22.64	22.57		
100	QPSK	1	271	22.56	22.65	22.50		
100	QPSK	135	0	22.50	22.57	22.55	24.0	0.0
100	QPSK	135	69	22.54	22.65	22.60	24.0	0.0
100	QPSK	135	138	22.57	22.58	22.52	24.0	0.0
100	QPSK	270	0	22.52	22.61	22.51		
100	16QAM	1	1	22.57	22.66	22.63	24.0	0.0
100	64QAM	1	1	22.55	22.62	22.48	23.0	1.0
100	256QAM	1	1	21.52	21.63	21.57	22.0	2.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.61	22.68	22.57	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.60	22.62	22.52	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.58	22.58	22.49	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.58	22.69	22.57	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.55	22.65	22.49	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.83	22.61	22.49	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.54	22.67	22.58	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.62	22.60	22.55	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.58	22.68	22.61	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.56	22.60	22.56	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.54	22.59	22.56	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.60	25.64	25.53	27.0	0.0
100	PI/2 BPSK	1	137	25.51	25.57	25.54		
100	PI/2 BPSK	1	271	25.59	25.65	25.59		
100	PI/2 BPSK	135	0	25.14	25.10	25.06	26.5	0.5
100	PI/2 BPSK	135	69	25.58	25.56	25.49	27.0	0.0
100	PI/2 BPSK	135	138	25.10	25.12	25.06	26.5	0.5
100	PI/2 BPSK	270	0	25.06	25.12	25.04		
100	QPSK	1	1	25.64	25.69	25.62	27.0	0.0
100	QPSK	1	137	25.57	25.65	25.49		
100	QPSK	1	271	25.58	25.61	25.50		
100	QPSK	135	0	24.82	24.76	24.83	26.0	1.0
100	QPSK	135	69	25.52	25.62	25.59	27.0	0.0
100	QPSK	135	138	24.86	24.83	24.87	26.0	1.0
100	QPSK	270	0	24.81	24.90	24.78		
100	16QAM	1	1	24.60	24.62	24.53	26.0	1.0
100	64QAM	1	1	22.61	22.66	22.53	24.5	2.5
100	256QAM	1	1	21.31	21.35	21.26	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.55	25.57	25.52	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.51	25.55	25.58	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.58	25.65	25.56	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.51	25.62	25.57	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.61	25.56	25.56	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.61	25.59	25.55	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.52	25.60	25.51	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.58	25.61	25.51	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.59	25.62	25.49	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.55	25.59	25.55	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.55	25.65	25.56	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.84		24.0	0.0
100	PI/2 BPSK	1	137		22.80			
100	PI/2 BPSK	1	271		22.81			
100	PI/2 BPSK	135	0		22.39		24.0	0.0
100	PI/2 BPSK	135	69		22.82		24.0	0.0
100	PI/2 BPSK	135	138		22.42		24.0	0.0
100	PI/2 BPSK	270	0		22.35			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.81			
100	QPSK	1	271		22.76			
100	QPSK	135	0		22.67		24.0	0.0
100	QPSK	135	69		22.74		24.0	0.0
100	QPSK	135	138		22.67		24.0	0.0
100	QPSK	270	0		22.71			
100	16QAM	1	1		22.85		24.0	0.0
100	64QAM	1	1		22.86		24.0	0.0
100	256QAM	1	1		21.56		23.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.84	22.80	22.77	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.82	22.75	22.76	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.83	22.82	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.84	22.77	22.79	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.80	22.81	22.78	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.86	22.77	22.86	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.81	22.82	22.83	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.75	22.81	22.85	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.86	22.74	22.85	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.74	22.82	22.75	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.79	22.79	22.83	24.0	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.84		27.0	0.0
100	PI/2 BPSK	1	137		25.72			
100	PI/2 BPSK	1	271		25.78			
100	PI/2 BPSK	135	0		25.42		26.5	0.5
100	PI/2 BPSK	135	69		25.78		27.0	0.0
100	PI/2 BPSK	135	138		25.35		26.5	0.5
100	PI/2 BPSK	270	0		25.39			
100	QPSK	1	1		25.86		27.0	0.0
100	QPSK	1	137		25.84			
100	QPSK	1	271		25.83			
100	QPSK	135	0		24.90		26.0	1.0
100	QPSK	135	69		25.70		27.0	0.0
100	QPSK	135	138		24.79		26.0	1.0
100	QPSK	270	0		24.92			
100	16QAM	1	1		24.63		26.0	1.0
100	64QAM	1	1		23.19		24.5	2.5
100	256QAM	1	1		21.66		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.78	25.82	25.77	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.76	25.73	25.74	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.72	25.80	25.72	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.75	25.75	25.72	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.81	25.77	25.73	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.74	25.80	25.74	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.76	25.80	25.82	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.78	25.76	25.72	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.78	25.74	25.77	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.72	25.78	25.77	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.74	25.80	25.84	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.52		24.0	0.0
100	PI/2 BPSK	1	137		22.56			
100	PI/2 BPSK	1	271		22.58			
100	PI/2 BPSK	135	0		22.06		24.0	0.0
100	PI/2 BPSK	135	69		22.49		24.0	0.0
100	PI/2 BPSK	135	138		22.21		24.0	0.0
100	PI/2 BPSK	270	0		22.09			
100	QPSK	1	1		22.61		24.0	0.0
100	QPSK	1	137		22.58			
100	QPSK	1	271		22.55			
100	QPSK	135	0		22.45		24.0	0.0
100	QPSK	135	69		22.52		24.0	0.0
100	QPSK	135	138		22.43		24.0	0.0
100	QPSK	270	0		22.53			
100	16QAM	1	1		22.41		24.0	0.0
100	64QAM	1	1		22.26		23.0	1.0
100	256QAM	1	1		21.15		22.0	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.51	22.47	22.50	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.49	22.56	22.50	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.57	22.54	22.52	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.51	22.56	22.53	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.57	22.58	22.58	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.55	22.53	22.54	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.49	22.50	22.53	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.55	22.58	22.59	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.56	22.57	22.48	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.49	22.54	22.51	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.49	22.57	22.57	24.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.54		27.0	0.0
100	PI/2 BPSK	1	137		25.61			
100	PI/2 BPSK	1	271		25.60			
100	PI/2 BPSK	135	0		25.17		26.5	0.5
100	PI/2 BPSK	135	69		25.62		27.0	0.0
100	PI/2 BPSK	135	138		25.18		26.5	0.5
100	PI/2 BPSK	270	0		25.13			
100	QPSK	1	1		25.68		27.0	0.0
100	QPSK	1	137		25.61			
100	QPSK	1	271		25.65			
100	QPSK	135	0		24.68		26.0	1.0
100	QPSK	135	69		25.59		27.0	0.0
100	QPSK	135	138		24.75		26.0	1.0
100	QPSK	270	0		24.78			
100	16QAM	1	1		24.63		26.0	1.0
100	64QAM	1	1		23.09		24.5	2.5
100	256QAM	1	1		21.40		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.64	25.60	25.61	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.57	25.57	25.63	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.62	25.64	25.63	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.55	25.61	25.66	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.59	25.64	25.58	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.66	25.57	25.58	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.64	25.56	25.62	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.65	25.55	25.65	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.64	25.58	25.64	27.0	0.0
Channel				647168	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.55	25.58	25.55	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.58	25.58	25.60	27.0	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.77		24.0	0.0
100	PI/2 BPSK	1	137		22.79			
100	PI/2 BPSK	1	271		22.75			
100	PI/2 BPSK	135	0		22.29		24.0	0.0
100	PI/2 BPSK	135	69		22.78		24.0	0.0
100	PI/2 BPSK	135	138		22.27		24.0	0.0
100	PI/2 BPSK	270	0		22.38			
100	QPSK	1	1		22.83		24.0	0.0
100	QPSK	1	137		22.79			
100	QPSK	1	271		22.77			
100	QPSK	135	0		22.62		24.0	0.0
100	QPSK	135	69		22.71		24.0	0.0
100	QPSK	135	138		22.59		24.0	0.0
100	QPSK	270	0		22.69			
100	16QAM	1	1		22.79		24.0	0.0
100	64QAM	1	1		22.58		23.0	1.0
100	256QAM	1	1		21.54		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.70	22.74	22.71	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.74	22.79	22.76	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.76	22.78	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.78	22.72	22.70	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.69	22.76	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.71	22.72	22.73	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.73	22.76	22.72	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.81	22.76	22.77	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.77	22.75	22.76	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.80	22.73	22.76	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.78	22.75	22.70	24.0	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.79		27.0	0.0
100	PI/2 BPSK	1	137		25.75			
100	PI/2 BPSK	1	271		25.74			
100	PI/2 BPSK	135	0		25.36		26.5	0.5
100	PI/2 BPSK	135	69		25.73		27.0	0.0
100	PI/2 BPSK	135	138		25.35		26.5	0.5
100	PI/2 BPSK	270	0		25.33			
100	QPSK	1	1		25.81		27.0	0.0
100	QPSK	1	137		25.73			
100	QPSK	1	271		25.76			
100	QPSK	135	0		24.83		26.0	1.0
100	QPSK	135	69		25.67		27.0	0.0
100	QPSK	135	138		24.90		26.0	1.0
100	QPSK	270	0		24.96			
100	16QAM	1	1		25.01		26.0	1.0
100	64QAM	1	1		22.99		24.5	2.5
100	256QAM	1	1		21.45		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.68	25.69	25.70	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.76	25.69	25.76	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.70	25.68	25.69	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.71	25.79	25.67	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.67	25.75	25.78	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.71	25.73	25.75	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.69	25.77	25.69	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.74	25.68	25.71	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.73	25.76	25.70	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.71	25.69	25.79	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.68	25.73	25.77	27.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.09	23.16	23.08	24.0	0.0
40	PI/2 BPSK	1	53	23.12	23.24	23.16		
40	PI/2 BPSK	1	104	23.04	23.17	23.12		
40	PI/2 BPSK	50	0	22.65	22.84	22.67	24.0	0.0
40	PI/2 BPSK	50	28	23.07	23.19	23.14	24.0	0.0
40	PI/2 BPSK	50	56	22.67	22.83	22.68	24.0	0.0
40	PI/2 BPSK	100	0	22.68	22.78	22.69		
40	QPSK	1	1	23.16	23.28	23.20	24.0	0.0
40	QPSK	1	53	23.13	23.26	23.07		
40	QPSK	1	104	23.03	23.19	23.16		
40	QPSK	50	0	22.98	22.93	22.96	24.0	0.0
40	QPSK	50	28	23.06	23.12	23.08	24.0	0.0
40	QPSK	50	56	22.89	22.91	22.90	24.0	0.0
40	QPSK	100	0	22.89	23.02	22.96		
40	16QAM	1	1	23.02	23.06	22.95	24.0	0.0
40	64QAM	1	1	22.37	22.43	22.32	23.0	1.0
40	256QAM	1	1	20.64	20.67	20.62	21.0	3.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.06	23.20	23.14	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.06	23.18	23.11	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.08	23.18	23.10	24.0	0.0

Part27O n77

BW [MHz]	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	22.40	22.66	22.55	24.0	0.0
100	PI/2 BPSK	1	137	22.39	22.66	22.57		
100	PI/2 BPSK	1	271	22.38	22.66	22.55		
100	PI/2 BPSK	135	0	22.04	22.24	22.12	24.0	0.0
100	PI/2 BPSK	135	69	22.36	22.59	22.58	24.0	0.0
100	PI/2 BPSK	135	138	22.05	22.24	22.12	24.0	0.0
100	PI/2 BPSK	270	0	22.04	22.29	22.17		
100	QPSK	1	1	22.50	22.73	22.64	24.0	0.0
100	QPSK	1	137	22.47	22.59	22.55		
100	QPSK	1	271	22.41	22.68	22.54		
100	QPSK	135	0	22.49	22.55	22.50	24.0	0.0
100	QPSK	135	69	22.57	22.63	22.49	24.0	0.0
100	QPSK	135	138	22.58	22.47	22.57	24.0	0.0
100	QPSK	270	0	22.56	22.61	22.52		
100	16QAM	1	1	22.47	22.58	22.55	24.0	0.0
100	64QAM	1	1	22.20	22.29	22.15	23.0	1.0
100	256QAM	1	1	20.29	20.42	20.36	21.0	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.42	22.61	22.56	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.48	22.59	22.52	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.44	22.67	22.61	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.41	22.71	22.50	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.39	22.62	22.56	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.46	22.68	22.57	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.39	22.69	22.52	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.47	22.65	22.51	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.42	22.67	22.55	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.42	22.62	22.54	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.41	22.64	22.58	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.76	24.84	24.76	26.0	0.0
100	PI/2 BPSK	1	137	24.76	24.84	24.69		
100	PI/2 BPSK	1	271	24.73	24.85	24.71		
100	PI/2 BPSK	135	0	24.28	24.39	24.30	25.5	0.5
100	PI/2 BPSK	135	69	24.77	24.78	24.77	26.0	0.0
100	PI/2 BPSK	135	138	24.29	24.35	24.33	25.5	0.5
100	PI/2 BPSK	270	0	24.30	24.40	24.29		
100	QPSK	1	1	24.80	24.88	24.81	26.0	0.0
100	QPSK	1	137	24.67	24.79	24.74		
100	QPSK	1	271	24.75	24.85	24.72		
100	QPSK	135	0	23.79	23.80	23.78	25.0	1.0
100	QPSK	135	69	24.70	24.82	24.70	26.0	0.0
100	QPSK	135	138	23.71	23.69	23.76	25.0	1.0
100	QPSK	270	0	23.70	23.82	23.72		
100	16QAM	1	1	23.66	23.74	23.69	25.0	1.0
100	64QAM	1	1	21.91	21.99	21.95	23.5	2.5
100	256QAM	1	1	20.23	20.25	20.19	21.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.69	24.83	24.71	26.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.75	24.82	24.70	26.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.74	24.80	24.71	26.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.72	24.81	24.77	26.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.74	24.80	24.70	26.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.70	24.82	24.76	26.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.72	24.78	24.72	26.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.68	24.79	24.69	26.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.71	24.83	24.76	26.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.71	24.74	24.75	26.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.67	24.84	24.76	26.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.18		24.0	0.0
100	PI/2 BPSK	1	137		23.22			
100	PI/2 BPSK	1	271		23.14			
100	PI/2 BPSK	135	0		22.74		24.0	0.0
100	PI/2 BPSK	135	69		23.12		24.0	0.0
100	PI/2 BPSK	135	138		22.73		24.0	0.0
100	PI/2 BPSK	270	0		22.71			
100	QPSK	1	1		23.25		24.0	0.0
100	QPSK	1	137		23.15			
100	QPSK	1	271		23.13			
100	QPSK	135	0		23.07		24.0	0.0
100	QPSK	135	69		23.21		24.0	0.0
100	QPSK	135	138		23.15		24.0	0.0
100	QPSK	270	0		23.20			
100	16QAM	1	1		23.21		24.0	0.0
100	64QAM	1	1		21.78		23.0	1.0
100	256QAM	1	1		20.40		21.0	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.23	23.19	23.15	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.23	23.16	23.22	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.18	23.14	23.17	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.23	23.14	23.15	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.13	23.14	23.13	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.21	23.20	23.19	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.20	23.11	23.14	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.17	23.15	23.22	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.15	23.21	23.21	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.22	23.15	23.12	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.11	23.12	23.18	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.32		26.0	0.0
100	PI/2 BPSK	1	137		25.30			
100	PI/2 BPSK	1	271		25.29			
100	PI/2 BPSK	135	0		24.86		25.5	0.5
100	PI/2 BPSK	135	69		25.24		26.0	0.0
100	PI/2 BPSK	135	138		24.89		25.5	0.5
100	PI/2 BPSK	270	0		24.77			
100	QPSK	1	1		25.35		26.0	0.0
100	QPSK	1	137		25.31			
100	QPSK	1	271		25.17			
100	QPSK	135	0		24.14		25.0	1.0
100	QPSK	135	69		25.35		26.0	0.0
100	QPSK	135	138		24.15		25.0	1.0
100	QPSK	270	0		24.29			
100	16QAM	1	1		23.21		25.0	1.0
100	64QAM	1	1		21.90		23.5	2.5
100	256QAM	1	1		20.37		21.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.29	25.26	25.22	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.31	25.26	25.28	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.29	25.22	25.24	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.25	25.22	25.30	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.29	25.30	25.21	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.23	25.25	25.22	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.27	25.21	25.22	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.28	25.22	25.24	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.30	25.22	25.29	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.26	25.22	25.19	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.30	25.27	25.25	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.43		24.0	0.0
100	PI/2 BPSK	1	137		22.45			
100	PI/2 BPSK	1	271		22.34			
100	PI/2 BPSK	135	0		22.17		24.0	0.0
100	PI/2 BPSK	135	69		22.34		24.0	0.0
100	PI/2 BPSK	135	138		22.21		24.0	0.0
100	PI/2 BPSK	270	0		22.26			
100	QPSK	1	1		22.47		24.0	0.0
100	QPSK	1	137		22.45			
100	QPSK	1	271		22.36			
100	QPSK	135	0		22.27		24.0	0.0
100	QPSK	135	69		22.42		24.0	0.0
100	QPSK	135	138		22.29		24.0	0.0
100	QPSK	270	0		22.40			
100	16QAM	1	1		22.36		24.0	0.0
100	64QAM	1	1		22.05		23.0	1.0
100	256QAM	1	1		19.98		21.0	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.43	22.33	22.36	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.36	22.38	22.37	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.42	22.40	22.44	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.42	22.42	22.35	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.45	22.38	22.36	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.38	22.36	22.43	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.41	22.36	22.40	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.38	22.38	22.44	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.39	22.37	22.33	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.44	22.33	22.42	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.36	22.36	22.35	24.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		24.59		26.0	0.0
100	PI/2 BPSK	1	137		24.68			
100	PI/2 BPSK	1	271		24.59			
100	PI/2 BPSK	135	0		24.19		25.5	0.5
100	PI/2 BPSK	135	69		24.65		26.0	0.0
100	PI/2 BPSK	135	138		24.17		25.5	0.5
100	PI/2 BPSK	270	0		24.21			
100	QPSK	1	1		24.71		26.0	0.0
100	QPSK	1	137		24.60			
100	QPSK	1	271		24.64			
100	QPSK	135	0		23.60		25.0	1.0
100	QPSK	135	69		24.68		26.0	0.0
100	QPSK	135	138		23.51		25.0	1.0
100	QPSK	270	0		23.62			
100	16QAM	1	1		23.81		25.0	1.0
100	64QAM	1	1		22.15		23.5	2.5
100	256QAM	1	1		20.08		21.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.67	24.61	24.61	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.62	24.68	24.69	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.61	24.62	24.67	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.67	24.61	24.61	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.66	24.64	24.63	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.63	24.68	24.60	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.61	24.68	24.66	26.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.68	24.59	24.59	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.66	24.60	24.58	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.58	24.69	24.59	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.60	24.62	24.65	26.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.23		24.0	0.0
100	PI/2 BPSK	1	137		23.19			
100	PI/2 BPSK	1	271		23.20			
100	PI/2 BPSK	135	0		22.84		24.0	0.0
100	PI/2 BPSK	135	69		23.22		24.0	0.0
100	PI/2 BPSK	135	138		22.79		24.0	0.0
100	PI/2 BPSK	270	0		22.77			
100	QPSK	1	1		23.30		24.0	0.0
100	QPSK	1	137		23.22			
100	QPSK	1	271		23.19			
100	QPSK	135	0		23.17		24.0	0.0
100	QPSK	135	69		23.28		24.0	0.0
100	QPSK	135	138		23.13		24.0	0.0
100	QPSK	270	0		23.23			
100	16QAM	1	1		23.08		24.0	0.0
100	64QAM	1	1		22.41		23.0	1.0
100	256QAM	1	1		20.99		21.0	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.20	23.17	23.21	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.27	23.23	23.20	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.16	23.23	23.21	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.20	23.22	23.18	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.18	23.18	23.19	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.23	23.18	23.17	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.22	23.25	23.20	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.22	23.27	23.20	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.23	23.25	23.23	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.21	23.24	23.21	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.24	23.26	23.28	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.46		26.0	0.0
100	PI/2 BPSK	1	137		25.36			
100	PI/2 BPSK	1	271		25.39			
100	PI/2 BPSK	135	0		24.99		25.5	0.5
100	PI/2 BPSK	135	69		25.45		26.0	0.0
100	PI/2 BPSK	135	138		24.99		25.5	0.5
100	PI/2 BPSK	270	0		24.93			
100	QPSK	1	1		25.51		26.0	0.0
100	QPSK	1	137		25.46			
100	QPSK	1	271		25.36			
100	QPSK	135	0		24.46		25.0	1.0
100	QPSK	135	69		25.42		26.0	0.0
100	QPSK	135	138		24.36		25.0	1.0
100	QPSK	270	0		24.52			
100	16QAM	1	1		23.99		25.0	1.0
100	64QAM	1	1		22.16		23.5	2.5
100	256QAM	1	1		20.59		21.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.37	25.36	25.40	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.36	25.45	25.41	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.46	25.44	25.43	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.43	25.36	25.38	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.44	25.40	25.47	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.37	25.40	25.46	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.45	25.41	25.41	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.45	25.41	25.47	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.40	25.41	25.42	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.46	25.46	25.37	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.45	25.45	25.36	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.67	23.77	23.64	25.0	0.0
40	PI/2 BPSK	1	53	23.62	23.72	23.62		
40	PI/2 BPSK	1	104	23.69	23.78	23.69		
40	PI/2 BPSK	50	0	23.73	23.80	23.69	25.0	0.0
40	PI/2 BPSK	50	28	23.62	23.74	23.64	25.0	0.0
40	PI/2 BPSK	50	56	23.61	23.66	23.58	25.0	0.0
40	PI/2 BPSK	100	0	23.63	23.75	23.72		
40	QPSK	1	1	23.75	23.86	23.69	25.0	0.0
40	QPSK	1	53	23.79	23.83	23.80		
40	QPSK	1	104	23.78	23.83	23.76		
40	QPSK	50	0	23.69	23.82	23.72	25.0	0.0
40	QPSK	50	28	23.74	23.83	23.69	25.0	0.0
40	QPSK	50	56	23.63	23.71	23.61	25.0	0.0
40	QPSK	100	0	23.72	23.78	23.67		
40	16QAM	1	1	23.74	23.77	23.66	25.0	0.0
40	64QAM	1	1	22.90	22.99	22.91	24.0	1.0
40	256QAM	1	1	21.31	21.37	21.29	23.0	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.65	23.80	23.56	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.70	23.80	23.66	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.63	23.75	23.65	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.65	23.77	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.32	23.40	23.28	25.0	0.0
100	PI/2 BPSK	1	137	23.42	23.55	23.47		
100	PI/2 BPSK	1	271	23.40	23.48	23.39		
100	PI/2 BPSK	135	0	23.33	23.44	23.38	25.0	0.0
100	PI/2 BPSK	135	69	23.41	23.54	23.41	25.0	0.0
100	PI/2 BPSK	135	138	23.51	23.55	23.45	25.0	0.0
100	PI/2 BPSK	270	0	23.44	23.51	23.45		
100	QPSK	1	1	23.35	23.61	23.38	25.0	0.0
100	QPSK	1	137	23.46	23.48	23.41		
100	QPSK	1	271	23.48	23.55	23.52		
100	QPSK	135	0	23.33	23.42	23.34	25.0	0.0
100	QPSK	135	69	23.45	23.53	23.46	25.0	0.0
100	QPSK	135	138	23.39	23.51	23.46	25.0	0.0
100	QPSK	270	0	23.35	23.47	23.40		
100	16QAM	1	1	23.15	23.29	23.21	25.0	0.0
100	64QAM	1	1	23.11	23.23	23.11	25.0	0.0
100	256QAM	1	1	22.88	22.92	22.86	24.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.28	23.55	23.34	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.25	23.54	23.28	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.30	23.57	23.29	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.21	23.51	23.28	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.28	23.47	23.27	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.27	23.55	23.28	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.25	23.47	23.34	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.23	23.48	23.29	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.29	23.57	23.33	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.22	23.58	23.32	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.38	26.42	26.35	28.0	0.0
100	PI/2 BPSK	1	137	26.46	26.49	26.37		
100	PI/2 BPSK	1	271	26.39	26.47	26.34		
100	PI/2 BPSK	135	0	26.35	26.46	26.38	27.5	0.5
100	PI/2 BPSK	135	69	26.36	26.41	26.35	28.0	0.0
100	PI/2 BPSK	135	138	26.48	26.51	26.45	27.5	0.5
100	PI/2 BPSK	270	0	26.45	26.53	26.50		
100	QPSK	1	1	26.32	26.54	26.27	28.0	0.0
100	QPSK	1	137	26.34	26.47	26.34		
100	QPSK	1	271	26.41	26.50	26.40		
100	QPSK	135	0	26.03	26.16	26.14	27.0	1.0
100	QPSK	135	69	26.42	26.50	26.40	28.0	0.0
100	QPSK	135	138	26.38	26.42	26.38	27.0	1.0
100	QPSK	270	0	25.38	25.50	25.41		
100	16QAM	1	1	25.95	26.04	25.95	27.0	1.0
100	64QAM	1	1	24.56	24.60	24.46	25.5	2.5
100	256QAM	1	1	22.94	22.96	22.89	23.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.22	26.47	26.16	28.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.29	26.47	26.14	28.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.29	26.45	26.22	28.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.19	26.51	26.14	28.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.25	26.45	26.22	28.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.22	26.51	26.20	28.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.24	26.43	26.15	28.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.23	26.46	26.15	28.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.19	26.41	26.25	28.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.20	26.47	26.18	28.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.96	24.05	23.74	25.0	0.0
40	PI/2 BPSK	1	53	23.93	24.04	23.69		
40	PI/2 BPSK	1	104	23.98	24.04	23.77		
40	PI/2 BPSK	50	0	23.54	23.61	23.31	24.5	0.5
40	PI/2 BPSK	50	28	23.95	24.06	23.75	25.0	0.0
40	PI/2 BPSK	50	56	23.53	23.56	23.33	24.5	0.5
40	PI/2 BPSK	100	0	23.55	23.60	23.27		
40	QPSK	1	1	24.05	24.08	23.81	25.0	0.0
40	QPSK	1	53	23.97	24.01	23.69		
40	QPSK	1	104	24.00	23.94	23.68		
40	QPSK	50	0	23.34	23.40	23.40	24.0	1.0
40	QPSK	50	28	23.95	24.07	24.02	25.0	0.0
40	QPSK	50	56	23.35	23.40	23.32	24.0	1.0
40	QPSK	100	0	23.34	23.45	23.40		
40	16QAM	1	1	23.33	23.42	23.34	24.0	1.0
40	64QAM	1	1	21.94	22.01	21.94	22.5	2.5
40	256QAM	1	1	20.10	20.15	20.03	20.5	4.5
Channel				637668	641666	645568	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.96		
30	QPSK	1	1	23.93	23.99	23.77	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.96	23.96	23.74	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.91	24.06	23.67	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.89	21.21	20.92	22.0	0.0
100	PI/2 BPSK	1	137	20.90	21.22	20.93		
100	PI/2 BPSK	1	271	20.87	21.23	20.96		
100	PI/2 BPSK	135	0	20.42	20.76	20.47	21.5	0.5
100	PI/2 BPSK	135	69	20.91	21.19	20.88	22.0	0.0
100	PI/2 BPSK	135	138	20.43	20.76	20.54	21.5	0.5
100	PI/2 BPSK	270	0	20.47	20.79	20.49		
100	QPSK	1	1	20.95	21.25	20.99	22.0	0.0
100	QPSK	1	137	20.82	21.22	20.94		
100	QPSK	1	271	20.83	21.11	20.86		
100	QPSK	135	0	20.39	20.38	20.40	21.0	1.0
100	QPSK	135	69	21.07	21.20	21.12	22.0	0.0
100	QPSK	135	138	20.37	20.34	20.42	21.0	1.0
100	QPSK	270	0	20.36	20.47	20.45		
100	16QAM	1	1	20.02	20.13	20.07	21.0	1.0
100	64QAM	1	1	17.97	18.10	18.05	19.5	2.5
100	256QAM	1	1	16.67	16.74	16.63	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.86	21.12	20.89	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.84	21.16	20.91	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.81	21.19	20.96	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.91	21.16	20.92	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.90	21.18	20.91	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.87	21.15	20.86	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.81	21.14	20.96	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.91	21.19	20.92	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.85	21.21	20.86	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.90	21.16	20.93	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.82	21.17	20.85	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.89	21.21	20.92	22.0	0.0
100	PI/2 BPSK	1	137	20.90	21.22	20.93		
100	PI/2 BPSK	1	271	20.87	21.23	20.96		
100	PI/2 BPSK	135	0	20.42	20.76	20.47	21.5	0.5
100	PI/2 BPSK	135	69	20.91	21.19	20.88	22.0	0.0
100	PI/2 BPSK	135	138	20.43	20.76	20.54	21.5	0.5
100	PI/2 BPSK	270	0	20.47	20.79	20.49		
100	QPSK	1	1	20.95	21.25	20.99	22.0	0.0
100	QPSK	1	137	20.82	21.22	20.94		
100	QPSK	1	271	20.83	21.11	20.86		
100	QPSK	135	0	20.39	20.38	20.40	21.0	1.0
100	QPSK	135	69	21.07	21.20	21.12	22.0	0.0
100	QPSK	135	138	20.37	20.34	20.42	21.0	1.0
100	QPSK	270	0	20.36	20.47	20.45		
100	16QAM	1	1	20.02	20.13	20.07	21.0	1.0
100	64QAM	1	1	17.97	18.10	18.05	19.5	2.5
100	256QAM	1	1	16.67	16.74	16.63	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.86	21.12	20.89	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.84	21.16	20.91	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.81	21.19	20.96	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.91	21.16	20.92	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.90	21.18	20.91	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.87	21.15	20.86	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.81	21.14	20.96	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.91	21.19	20.92	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.85	21.21	20.86	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.90	21.16	20.93	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.82	21.17	20.85	22.0	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.80		24.0	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.45		23.5	0.5
100	PI/2 BPSK	135	69		22.88		24.0	0.0
100	PI/2 BPSK	135	138		22.41		23.5	0.5
100	PI/2 BPSK	270	0		22.34			
100	QPSK	1	1		22.90		24.0	0.0
100	QPSK	1	137		22.86			
100	QPSK	1	271		22.86			
100	QPSK	135	0		20.34		22.0	2.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		20.33		22.0	2.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.30		22.0	2.0
100	64QAM	1	1		19.72		21.5	2.5
100	256QAM	1	1		18.15		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.81	22.81	22.86	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.77	22.84	22.86	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.78	22.80	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.81	22.79	22.86	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.77	22.79	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.85	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.85	22.77	22.77	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.82	22.81	22.81	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.84	22.87	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.83	22.87	22.82	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.81	22.77	22.83	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.80		24.0	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.45		23.5	0.5
100	PI/2 BPSK	135	69		22.88		24.0	0.0
100	PI/2 BPSK	135	138		22.41		23.5	0.5
100	PI/2 BPSK	270	0		22.34			
100	QPSK	1	1		22.90		24.0	0.0
100	QPSK	1	137		22.86			
100	QPSK	1	271		22.86			
100	QPSK	135	0		20.34		22.0	2.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		20.33		22.0	2.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.30		22.0	2.0
100	64QAM	1	1		19.72		21.5	2.5
100	256QAM	1	1		18.15		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.81	22.81	22.86	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.77	22.84	22.86	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.78	22.80	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.81	22.79	22.86	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.77	22.79	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.85	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.85	22.77	22.77	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.82	22.81	22.81	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.84	22.87	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.83	22.87	22.82	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.81	22.77	22.83	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		21.5	0.5
100	PI/2 BPSK	135	69		20.42		22.0	0.0
100	PI/2 BPSK	135	138		19.97		21.5	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		22.0	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.50		21.0	1.0
100	QPSK	135	69		20.42		22.0	0.0
100	QPSK	135	138		19.44		21.0	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		21.0	1.0
100	64QAM	1	1		18.25		19.5	2.5
100	256QAM	1	1		16.33		17.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	22.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		21.5	0.5
100	PI/2 BPSK	135	69		20.42		22.0	0.0
100	PI/2 BPSK	135	138		19.97		21.5	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		22.0	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.50		21.0	1.0
100	QPSK	135	69		20.42		22.0	0.0
100	QPSK	135	138		19.44		21.0	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		21.0	1.0
100	64QAM	1	1		18.25		19.5	2.5
100	256QAM	1	1		16.33		17.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	24.0	0.0

Reduced Power Mode for DSI 2

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.17	23.31	23.16	24.0	0.0
20	PI/2 BPSK	1	53	23.19	23.16	23.26		
20	PI/2 BPSK	1	104	23.16	23.20	23.16		
20	PI/2 BPSK	50	0	23.03	23.10	23.04	24.0	0.0
20	PI/2 BPSK	50	28	23.17	23.25	23.24	24.0	0.0
20	PI/2 BPSK	50	56	23.02	23.02	22.95	24.0	0.0
20	PI/2 BPSK	100	0	22.95	23.07	22.92		
20	QPSK	1	1	23.12	23.32	23.01	24.0	0.0
20	QPSK	1	53	23.08	23.24	22.89		
20	QPSK	1	104	23.05	23.21	22.92		
20	QPSK	50	0	23.11	23.21	23.15	24.0	0.0
20	QPSK	50	28	23.20	23.27	23.25	24.0	0.0
20	QPSK	50	56	22.89	23.05	22.93	24.0	0.0
20	QPSK	100	0	22.97	23.10	23.04		
20	16QAM	1	1	23.23	23.21	23.25	24.0	0.0
20	64QAM	1	1	22.77	22.88	22.80	24.0	0.0
20	256QAM	1	1	20.31	20.44	20.39	22.0	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.00	23.17	22.86	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.06	23.18	22.94	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	22.97	23.24	22.90	24.0	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.07	23.34	23.29	24.0	0.0
20	PI/2 BPSK	1	53	22.79	23.23	23.20		
20	PI/2 BPSK	1	104	22.44	23.27	23.18		
20	PI/2 BPSK	50	0	23.11	23.22	23.17	24.0	0.0
20	PI/2 BPSK	50	28	23.29	23.30	23.28	24.0	0.0
20	PI/2 BPSK	50	56	23.07	23.10	23.04	24.0	0.0
20	PI/2 BPSK	100	0	22.79	23.17	23.04		
20	QPSK	1	1	23.27	23.37	23.18	24.0	0.0
20	QPSK	1	53	23.19	23.22	23.03		
20	QPSK	1	104	23.20	23.31	23.07		
20	QPSK	50	0	23.15	23.24	23.08	24.0	0.0
20	QPSK	50	28	23.14	23.27	23.12	24.0	0.0
20	QPSK	50	56	22.99	23.00	23.03	24.0	0.0
20	QPSK	100	0	23.02	23.14	23.00		
20	16QAM	1	1	23.00	23.07	23.07	24.0	0.0
20	64QAM	1	1	22.74	22.79	22.79	24.0	0.0
20	256QAM	1	1	20.33	20.44	20.44	22.0	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.21	23.32	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.31	23.09	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	23.12	23.32	23.06	24.0	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.21	23.36	23.25	24.0	0.0
15	PI/2 BPSK	1	40	23.28	23.26	23.31		
15	PI/2 BPSK	1	77	23.24	23.22	23.23		
15	PI/2 BPSK	36	0	23.20	23.28	23.15	24.0	0.0
15	PI/2 BPSK	36	22	23.31	23.21	23.27	24.0	0.0
15	PI/2 BPSK	36	43	23.32	23.22	23.20	24.0	0.0
15	PI/2 BPSK	75	0	23.22	23.36	23.21		
15	QPSK	1	1	23.32	23.51	23.30	24.0	0.0
15	QPSK	1	40	23.23	23.45	23.20		
15	QPSK	1	77	23.19	23.38	23.16		
15	QPSK	36	0	23.24	23.29	23.19	24.0	0.0
15	QPSK	36	22	23.21	23.36	23.19	24.0	0.0
15	QPSK	36	43	23.32	23.32	23.34	24.0	0.0
15	QPSK	75	0	23.25	23.41	23.30		
15	16QAM	1	1	23.06	23.13	23.09	24.0	0.0
15	64QAM	1	1	22.83	22.90	22.86	24.0	0.0
	256QAM	1	1	20.69	20.75	20.63	22.0	2.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.23	23.35	23.15	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.15	23.34	23.00	24.0	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.11		24.0	0.0
10	PI/2 BPSK	1	26		22.99			
10	PI/2 BPSK	1	50		22.96			
10	PI/2 BPSK	25	0		23.11		24.0	0.0
10	PI/2 BPSK	25	14		22.96		24.0	0.0
10	PI/2 BPSK	25	27		23.01		24.0	0.0
10	PI/2 BPSK	50	0		23.14			
10	QPSK	1	1		23.15		24.0	0.0
10	QPSK	1	26		23.08			
10	QPSK	1	50		22.98			
10	QPSK	25	0		23.02		24.0	0.0
10	QPSK	25	14		23.06		24.0	0.0
10	QPSK	25	27		22.98		24.0	0.0
10	QPSK	50	0		23.12			
10	16QAM	1	1		23.14		24.0	0.0
10	64QAM	1	1		23.00		24.0	0.0
10	256QAM	1	1		20.17		22.0	2.0
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.01	23.08	23.09	24.0	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.07	23.21	23.16	24.0	0.0
40	PI/2 BPSK	1	108	23.10	23.13	23.14		
40	PI/2 BPSK	1	214	23.08	23.17	23.11		
40	PI/2 BPSK	108	0	23.20	23.25	23.20	24.0	0.0
40	PI/2 BPSK	108	54	23.17	23.09	23.10	24.0	0.0
40	PI/2 BPSK	108	108	23.12	23.13	23.11	24.0	0.0
40	PI/2 BPSK	216	0	23.06	23.21	23.05		
40	QPSK	1	1	23.25	23.33	23.23	24.0	0.0
40	QPSK	1	108	23.14	23.18	23.17		
40	QPSK	1	214	23.15	23.23	23.08		
40	QPSK	108	0	22.87	23.03	22.98	24.0	0.0
40	QPSK	108	54	23.17	23.25	23.12	24.0	0.0
40	QPSK	108	108	22.97	22.93	22.97	24.0	0.0
40	QPSK	216	0	22.99	23.05	22.98		
40	16QAM	1	1	22.63	22.71	22.57	24.0	0.0
40	64QAM	1	1	21.82	21.97	21.86	23.0	1.0
40	256QAM	1	1	19.72	19.84	19.79	21.0	3.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.01	23.15	23.01	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.17	23.28	23.14	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.21	23.28	23.12	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.13	23.27	23.17	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.15	23.27	23.08	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.18	23.26	23.09	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.11	23.28	23.09	24.0	0.0

n26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.25	23.31	23.27	24.0	0.0
20	PI/2 BPSK	1	53	23.26	23.25	23.27		
20	PI/2 BPSK	1	104	23.24	23.17	23.17		
20	PI/2 BPSK	50	0	23.18	23.30	23.15	24.0	0.0
20	PI/2 BPSK	50	28	23.16	23.26	23.15	24.0	0.0
20	PI/2 BPSK	50	56	23.23	23.14	23.16	24.0	0.0
20	PI/2 BPSK	100	0	23.20	23.29	23.19		
20	QPSK	1	1	23.17	23.35	23.21	24.0	0.0
20	QPSK	1	53	23.18	23.18	23.06		
20	QPSK	1	104	23.07	23.13	23.07		
20	QPSK	50	0	23.07	23.18	23.11	24.0	0.0
20	QPSK	50	28	23.17	23.23	23.21	24.0	0.0
20	QPSK	50	56	23.16	23.18	23.14	24.0	0.0
20	QPSK	100	0	23.14	23.24	23.13		
20	16QAM	1	1	23.27	23.34	23.23	24.0	0.0
20	64QAM	1	1	22.38	22.51	22.36	23.0	1.0
20	256QAM	1	1	20.25	20.35	20.30	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.08	23.29	23.08	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.10	23.24	23.05	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	23.01	23.20	23.14	24.0	0.0

n66								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.12	23.27	23.14	24.0	0.0
40	PI/2 BPSK	1	108	23.13	23.19	23.11		
40	PI/2 BPSK	1	214	23.18	23.16	23.17		
40	PI/2 BPSK	108	0	23.33	23.38	23.29	24.0	0.0
40	PI/2 BPSK	108	54	23.22	23.17	23.18	24.0	0.0
40	PI/2 BPSK	108	108	23.21	23.25	23.21	24.0	0.0
40	PI/2 BPSK	216	0	23.22	23.36	23.26		
40	QPSK	1	1	23.42	23.43	23.31	24.0	0.0
40	QPSK	1	108	23.36	23.12	23.26		
40	QPSK	1	214	23.30	23.22	23.16		
40	QPSK	108	0	23.11	23.24	23.09	24.0	0.0
40	QPSK	108	54	23.18	23.35	23.19	24.0	0.0
40	QPSK	108	108	23.31	23.33	23.26	24.0	0.0
40	QPSK	216	0	23.32	23.37	23.31		
40	16QAM	1	1	23.08	23.08	23.08	24.0	0.0
40	64QAM	1	1	22.69	22.69	22.69	23.0	1.0
40	256QAM	1	1	20.41	20.41	20.41	21.0	3.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.21	23.19	23.16	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.33	23.38	23.26	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	23.26	23.28	23.26	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.34	23.31	23.21	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	23.37	23.32	23.18	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.38	23.30	23.19	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	23.28	23.37	23.20	24.0	0.0

n70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		23.55		24.0	0.0
15	PI/2 BPSK	1	40		23.43			
15	PI/2 BPSK	1	77		23.48			
15	PI/2 BPSK	36	0		23.44		24.0	0.0
15	PI/2 BPSK	36	22		23.48		24.0	0.0
15	PI/2 BPSK	36	43		23.36		24.0	0.0
15	PI/2 BPSK	75	0		23.48			
15	QPSK	1	1		23.58		24.0	0.0
15	QPSK	1	40		23.45			
15	QPSK	1	77		23.46			
15	QPSK	36	0		23.37		24.0	0.0
15	QPSK	36	22		23.47		24.0	0.0
15	QPSK	36	43		23.39		24.0	0.0
15	QPSK	75	0		23.49			
15	16QAM	1	1		23.56		24.0	0.0
15	64QAM	1	1		22.99		23.0	1.0
	256QAM	1	1		20.67		21.0	3.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.42	23.49	23.43	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.33	23.39	23.40	24.0	0.0

n71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.53	23.64	23.59		
20	PI/2 BPSK	1	53	23.52	23.56	23.58	24.0	0.0
20	PI/2 BPSK	1	104	23.52	23.55	23.55		
20	PI/2 BPSK	50	0	23.68	23.74	23.63	24.0	0.0
20	PI/2 BPSK	50	28	23.49	23.53	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.74	23.73	23.68	24.0	0.0
20	PI/2 BPSK	100	0	23.69	23.81	23.66		
20	QPSK	1	1	23.71	23.84	23.80		
20	QPSK	1	53	23.65	23.78	23.74	24.0	0.0
20	QPSK	1	104	23.58	23.71	23.68		
20	QPSK	50	0	23.54	23.59	23.53	24.0	0.0
20	QPSK	50	28	23.70	23.74	23.65	24.0	0.0
20	QPSK	50	56	23.67	23.62	23.62	24.0	0.0
20	QPSK	100	0	23.70	23.75	23.65		
20	16QAM	1	1	23.66	23.77	23.72	24.0	0.0
20	64QAM	1	1	23.11	23.23	23.13	24.0	0.0
20	256QAM	1	1	20.77	20.87	20.82	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.61	23.72	23.68	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.63	23.80	23.73	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.62	23.78	23.74	24.0	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.18	15.35	15.29	16.5	0.0
20	PI/2 BPSK	1	53	15.36	15.36	15.26		
20	PI/2 BPSK	1	104	15.19	15.29	15.31		
20	PI/2 BPSK	50	0	15.19	15.40	15.23	16.5	0.0
20	PI/2 BPSK	50	28	15.19	15.35	15.30	16.5	0.0
20	PI/2 BPSK	50	56	15.39	15.42	15.28	16.5	0.0
20	PI/2 BPSK	100	0	15.28	15.37	15.35		
20	QPSK	1	1	15.30	15.50	15.43	16.5	0.0
20	QPSK	1	53	15.45	15.39	15.37		
20	QPSK	1	104	15.27	15.39	15.36		
20	QPSK	50	0	15.28	15.35	15.33	16.5	0.0
20	QPSK	50	28	15.29	15.36	15.31	16.5	0.0
20	QPSK	50	56	15.31	15.32	15.31	16.5	0.0
20	QPSK	100	0	15.23	15.38	15.27		
20	16QAM	1	1	15.20	15.40	15.28	16.5	0.0
20	64QAM	1	1	15.33	15.27	15.28	16.5	0.0
20	256QAM	1	1	15.23	15.38	15.33	16.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.20	15.43	15.37	16.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.19	15.43	15.35	16.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.23	15.44	15.36	16.5	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.43	21.59	21.53	23.0	0.0
20	PI/2 BPSK	1	53	21.41	21.44	21.47		
20	PI/2 BPSK	1	104	21.37	21.46	21.38		
20	PI/2 BPSK	50	0	21.35	21.45	21.44	23.0	0.0
20	PI/2 BPSK	50	28	21.38	21.46	21.46	23.0	0.0
20	PI/2 BPSK	50	56	21.24	21.25	21.32	23.0	0.0
20	PI/2 BPSK	100	0	21.33	21.47	21.37		
20	QPSK	1	1	21.52	21.57	21.50	23.0	0.0
20	QPSK	1	53	21.47	21.48	21.35		
20	QPSK	1	104	21.45	21.42	21.38		
20	QPSK	50	0	21.43	21.50	21.29	23.0	0.0
20	QPSK	50	28	21.44	21.45	21.37	23.0	0.0
20	QPSK	50	56	21.36	21.38	21.29	23.0	0.0
20	QPSK	100	0	21.33	21.43	21.34		
20	16QAM	1	1	21.35	21.46	21.42	23.0	0.0
20	64QAM	1	1	21.43	21.48	21.44	23.0	0.0
20	256QAM	1	1	20.15	20.19	20.08	21.0	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.39	21.51	21.37	23.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.43	21.50	21.41	23.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.41	21.43	21.44	23.0	0.0

n7

BW [MHz]	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	13.80	13.66	13.58	14.4	0.0
50	PI/2 BPSK	1	135	13.43	13.48	13.41		
50	PI/2 BPSK	1	268	13.41	13.55	13.42		
50	PI/2 BPSK	135	0	13.62	13.69	13.59	14.4	0.0
50	PI/2 BPSK	135	68	13.51	13.67	13.59	14.4	0.0
50	PI/2 BPSK	135	135	13.46	13.51	13.39	14.4	0.0
50	PI/2 BPSK	270	0	13.41	13.42	13.29		
50	QPSK	1	1	13.78	13.81	13.72	14.4	0.0
50	QPSK	1	135	13.51	13.54	13.49		
50	QPSK	1	268	13.44	13.54	13.45		
50	QPSK	135	0	13.40	13.48	13.32	14.4	0.0
50	QPSK	135	68	13.51	13.63	13.59	14.4	0.0
50	QPSK	135	135	13.53	13.49	13.48	14.4	0.0
50	QPSK	270	0	13.56	13.65	13.56		
50	16QAM	1	1	13.50	13.57	13.38	14.4	0.0
50	64QAM	1	1	13.34	13.41	13.33	14.4	0.0
50	256QAM	1	1	13.36	13.43	13.31	14.4	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	13.67	13.75	13.65	14.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	13.76	13.71	13.65	14.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	13.71	13.78	13.58	14.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	13.72	13.76	13.65	14.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.71	13.68	13.65	14.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.69	13.76	13.61	14.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.72	13.75	13.64	14.4	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.09	22.17	22.11	23.5	0.0
15	PI/2 BPSK	1	40	22.08	22.13	22.08		
15	PI/2 BPSK	1	77	22.13	22.16	22.03		
15	PI/2 BPSK	36	0	21.65	21.75	21.69	23.5	0.0
15	PI/2 BPSK	36	22	22.10	22.06	22.12	23.5	0.0
15	PI/2 BPSK	36	43	21.78	21.74	21.78	23.5	0.0
15	PI/2 BPSK	75	0	21.71	21.83	21.76		
15	QPSK	1	1	22.09	22.34	22.11	23.5	0.0
15	QPSK	1	40	22.20	22.18	22.18		
15	QPSK	1	77	22.11	22.10	22.17		
15	QPSK	36	0	21.78	21.83	21.65	23.5	0.0
15	QPSK	36	22	22.07	22.14	22.07	23.5	0.0
15	QPSK	36	43	21.78	21.80	21.71	23.5	0.0
15	QPSK	75	0	21.72	21.83	21.69		
15	16QAM	1	1	21.97	22.03	21.97	23.5	0.0
15	64QAM	1	1	22.10	22.17	22.06	23.0	0.5
	256QAM	1	1	20.29	20.37	20.24	21.0	2.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.05	22.15	22.06	23.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.07	22.12	22.08	23.5	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		21.99		22.9	0.0
10	PI/2 BPSK	1	26		21.89			
10	PI/2 BPSK	1	50		21.88			
10	PI/2 BPSK	25	0		21.97		22.9	0.0
10	PI/2 BPSK	25	14		21.89		22.9	0.0
10	PI/2 BPSK	25	27		21.90		22.9	0.0
10	PI/2 BPSK	50	0		22.02			
10	QPSK	1	1		22.07		22.9	0.0
10	QPSK	1	26		21.94			
10	QPSK	1	50		21.96			
10	QPSK	25	0		22.04		22.9	0.0
10	QPSK	25	14		22.01		22.9	0.0
10	QPSK	25	27		21.95		22.9	0.0
10	QPSK	50	0		22.03			
10	16QAM	1	1		21.97		22.9	0.0
10	64QAM	1	1		21.05		22.9	0.0
10	256QAM	1	1		20.29		21.0	1.9
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	21.95	21.89	21.86	22.9	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.32	15.47	15.34	16.5	0.0
40	PI/2 BPSK	1	108	15.46	15.46	15.35		
40	PI/2 BPSK	1	214	15.27	15.41	15.45		
40	PI/2 BPSK	108	0	15.30	15.49	15.32	16.5	0.0
40	PI/2 BPSK	108	54	15.29	15.48	15.42	16.5	0.0
40	PI/2 BPSK	108	108	15.42	15.47	15.37	16.5	0.0
40	PI/2 BPSK	216	0	15.36	15.44	15.45		
40	QPSK	1	1	15.40	15.52	15.45	16.5	0.0
40	QPSK	1	108	15.49	15.50	15.43		
40	QPSK	1	214	15.41	15.48	15.48		
40	QPSK	108	0	15.42	15.43	15.37	16.5	0.0
40	QPSK	108	54	15.33	15.46	15.35	16.5	0.0
40	QPSK	108	108	15.43	15.44	15.39	16.5	0.0
40	QPSK	216	0	15.27	15.42	15.36		
40	16QAM	1	1	15.33	15.45	15.41	16.5	0.0
40	64QAM	1	1	15.40	15.37	15.33	16.5	0.0
40	256QAM	1	1	15.31	15.40	15.43	16.5	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	15.11	15.32	15.25	16.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.31	15.47	15.31	16.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.32	15.47	15.36	16.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.32	15.48	15.34	16.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.27	15.43	15.36	16.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.35	15.46	15.31	16.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.30	15.49	15.34	16.5	0.0

n26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	21.11	21.11	21.05	23.0	0.0
20	PI/2 BPSK	1	53	21.07	21.03	21.13		
20	PI/2 BPSK	1	104	21.14	21.04	21.06		
20	PI/2 BPSK	50	0	21.07	21.14	21.13	23.0	0.0
20	PI/2 BPSK	50	28	21.16	21.07	21.19	23.0	0.0
20	PI/2 BPSK	50	56	21.18	21.10	21.11	23.0	0.0
20	PI/2 BPSK	100	0	21.02	21.06	21.03		
20	QPSK	1	1	21.17	21.36	21.23	23.0	0.0
20	QPSK	1	53	21.14	21.26	21.15		
20	QPSK	1	104	21.13	21.11	21.06		
20	QPSK	50	0	21.02	21.16	21.12	23.0	0.0
20	QPSK	50	28	21.15	21.17	21.13	23.0	0.0
20	QPSK	50	56	21.11	21.04	21.10	23.0	0.0
20	QPSK	100	0	21.10	21.14	21.02		
20	16QAM	1	1	21.15	21.09	21.18	23.0	0.0
20	64QAM	1	1	21.10	21.31	21.12	23.0	0.0
20	256QAM	1	1	19.81	19.93	19.83	21.0	2.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	21.03	21.25	21.15	23.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	21.15	21.27	21.18	23.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	21.10	21.24	21.10	23.0	0.0

n30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		12.71		13.9	0.0
10	PI/2 BPSK	1	26		12.70			
10	PI/2 BPSK	1	50		12.73			
10	PI/2 BPSK	25	0		12.72		13.9	0.0
10	PI/2 BPSK	25	14		12.72		13.9	0.0
10	PI/2 BPSK	25	27		12.63		13.9	0.0
10	PI/2 BPSK	50	0		12.69			
10	QPSK	1	1		12.78		13.9	0.0
10	QPSK	1	26		12.75			
10	QPSK	1	50		12.76			
10	QPSK	25	0		12.67		13.9	0.0
10	QPSK	25	14		12.71		13.9	0.0
10	QPSK	25	27		12.61		13.9	0.0
10	QPSK	50	0		12.66			
10	16QAM	1	1		12.67		13.9	0.0
10	64QAM	1	1		12.69		13.9	0.0
10	256QAM	1	1		12.64		13.9	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	12.68	12.64	12.69	#REF!	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.03	16.20	16.07	17.6	0.0
40	PI/2 BPSK	1	108	16.04	16.13	15.99		
40	PI/2 BPSK	1	214	16.08	16.17	16.07		
40	PI/2 BPSK	108	0	15.97	16.13	15.99	17.6	0.0
40	PI/2 BPSK	108	54	16.05	16.08	16.04	17.6	0.0
40	PI/2 BPSK	108	108	15.99	16.09	16.07	17.6	0.0
40	PI/2 BPSK	216	0	16.03	16.09	16.08		
40	QPSK	1	1	16.20	16.25	16.08	17.6	0.0
40	QPSK	1	108	16.12	16.22	16.10		
40	QPSK	1	214	16.04	16.17	16.11		
40	QPSK	108	0	16.06	16.19	16.12	17.6	0.0
40	QPSK	108	54	16.17	16.22	16.10	17.6	0.0
40	QPSK	108	108	16.04	16.15	16.05	17.6	0.0
40	QPSK	216	0	16.01	16.15	15.93		
40	16QAM	1	1	15.86	15.95	15.85	17.6	0.0
40	64QAM	1	1	16.12	16.18	15.95	17.6	0.0
40	256QAM	1	1	16.06	16.17	15.98	17.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.02	16.01	16.08	17.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.10	16.15	15.95	17.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.16	16.11	16.02	17.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.07	16.17	15.98	17.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.08	16.23	15.98	17.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.12	16.16	16.01	17.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				16.09	16.15	15.99		
5	QPSK	1	1	16.12	16.16	16.01	17.6	0.0

n70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		17.60		18.8	0.0
15	PI/2 BPSK	1	40		17.52			
15	PI/2 BPSK	1	77		17.46			
15	PI/2 BPSK	36	0		17.56		18.8	0.0
15	PI/2 BPSK	36	22		17.52		18.8	0.0
15	PI/2 BPSK	36	43		17.53		18.8	0.0
15	PI/2 BPSK	75	0		17.39			
15	QPSK	1	1		17.62		18.8	0.0
15	QPSK	1	40		17.58			
15	QPSK	1	77		17.48			
15	QPSK	36	0		17.56		18.8	0.0
15	QPSK	36	22		17.57		18.8	0.0
15	QPSK	36	43		17.48		18.8	0.0
15	QPSK	75	0		17.55			
15	16QAM	1	1		17.51		18.8	0.0
15	64QAM	1	1		17.48		18.8	0.0
	256QAM	1	1		17.37		18.8	0.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	17.45	17.45	17.48	18.8	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	17.52	17.49	17.46	18.8	0.0

n71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.13	22.12	22.05		
20	PI/2 BPSK	1	53	22.15	22.21	22.12	23.5	0.0
20	PI/2 BPSK	1	104	22.16	22.14	22.12		
20	PI/2 BPSK	50	0	22.25	22.21	22.21	23.5	0.0
20	PI/2 BPSK	50	28	22.11	22.17	22.18	23.5	0.0
20	PI/2 BPSK	50	56	22.20	22.27	22.22	23.5	0.0
20	PI/2 BPSK	100	0	22.18	22.24	22.26		
20	QPSK	1	1	22.26	22.36	22.25		
20	QPSK	1	53	22.14	22.13	22.18	23.5	0.0
20	QPSK	1	104	22.19	22.16	22.19		
20	QPSK	50	0	22.05	22.13	22.19	23.5	0.0
20	QPSK	50	28	22.29	22.34	22.28	23.5	0.0
20	QPSK	50	56	22.15	22.20	22.21	23.5	0.0
20	QPSK	100	0	22.16	22.24	22.15		
20	16QAM	1	1	22.06	22.08	22.00	23.5	0.0
20	64QAM	1	1	22.15	22.26	22.12	23.0	0.5
20	256QAM	1	1	20.19	20.25	20.21	21.0	2.5
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.17	22.22	22.22	23.5	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.16	22.33	22.21	23.5	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.14	22.29	22.13	23.5	0.0

n38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.69	14.79	14.70	16.5	0.0
40	PI/2 BPSK	1	53	14.91	14.85	14.78		
40	PI/2 BPSK	1	104	14.89	14.91	14.72		
40	PI/2 BPSK	50	0	14.75	14.78	14.66	16.5	0.0
40	PI/2 BPSK	50	28	14.64	14.82	14.66	16.5	0.0
40	PI/2 BPSK	50	56	14.71	14.74	14.61	16.5	0.0
40	PI/2 BPSK	100	0	14.63	14.77	14.68		
40	QPSK	1	1	14.80	14.95	14.71	16.5	0.0
40	QPSK	1	53	14.76	14.74	14.61		
40	QPSK	1	104	14.76	14.86	14.71		
40	QPSK	50	0	14.73	14.80	14.66	16.5	0.0
40	QPSK	50	28	14.68	14.87	14.63	16.5	0.0
40	QPSK	50	56	14.65	14.75	14.62	16.5	0.0
40	QPSK	100	0	14.60	14.77	14.72		
40	16QAM	1	1	14.67	14.94	14.69	16.5	0.0
40	64QAM	1	1	14.66	14.86	14.63	16.5	0.0
40	256QAM	1	1	14.65	14.76	14.72	16.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.57	14.68	14.61	16.5	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	14.58	14.66	14.62	16.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.63	14.67	14.67	16.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.61	14.71	14.59	16.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.58	14.71	14.65	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.80	14.91	14.84	16.5	0.0
100	PI/2 BPSK	1	137	14.97	14.94	14.87		
100	PI/2 BPSK	1	271	14.92	14.95	14.75		
100	PI/2 BPSK	135	0	14.80	14.90	14.77	16.5	0.0
100	PI/2 BPSK	135	69	14.78	14.89	14.76	16.5	0.0
100	PI/2 BPSK	135	138	14.74	14.87	14.69	16.5	0.0
100	PI/2 BPSK	270	0	14.69	14.89	14.74		
100	QPSK	1	1	14.85	14.99	14.79	16.5	0.0
100	QPSK	1	137	14.81	14.87	14.72		
100	QPSK	1	271	14.82	14.92	14.73		
100	QPSK	135	0	14.77	14.92	14.77	16.5	0.0
100	QPSK	135	69	14.78	14.97	14.68	16.5	0.0
100	QPSK	135	138	14.74	14.86	14.76	16.5	0.0
100	QPSK	270	0	14.70	14.87	14.84		
100	16QAM	1	1	14.76	14.96	14.75	16.5	0.0
100	64QAM	1	1	14.77	14.93	14.77	16.5	0.0
100	256QAM	1	1	14.74	14.86	14.78	16.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.75	14.97	14.71	16.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	14.81	14.94	14.70	16.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.81	14.89	14.71	16.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.75	14.97	14.71	16.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.75	14.92	14.74	16.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.78	14.88	14.76	16.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.75	14.91	14.69	16.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.73	14.92	14.66	16.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.77	14.96	14.72	16.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.76	14.86	14.76	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.75	17.94	17.88	19.5	0.0
100	PI/2 BPSK	1	137	17.80	17.96	17.83		
100	PI/2 BPSK	1	271	17.81	17.88	17.89		
100	PI/2 BPSK	135	0	17.85	17.94	17.81	19.5	0.0
100	PI/2 BPSK	135	69	17.76	17.92	17.81	19.5	0.0
100	PI/2 BPSK	135	138	17.80	17.88	17.74	19.5	0.0
100	PI/2 BPSK	270	0	17.70	17.94	17.70		
100	QPSK	1	1	17.81	17.97	17.84	19.5	0.0
100	QPSK	1	137	17.77	17.90	17.72		
100	QPSK	1	271	17.85	17.85	17.78		
100	QPSK	135	0	17.75	17.91	17.75	19.5	0.0
100	QPSK	135	69	17.74	17.95	17.71	19.5	0.0
100	QPSK	135	138	17.74	17.81	17.78	19.5	0.0
100	QPSK	270	0	17.72	17.91	17.90		
100	16QAM	1	1	17.85	17.91	17.79	19.5	0.0
100	64QAM	1	1	17.72	17.95	17.72	19.5	0.0
100	256QAM	1	1	17.73	17.87	17.78	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.76	17.93	17.81	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	17.85	17.92	17.90	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.78	17.96	17.84	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.78	17.88	17.80	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.84	17.86	17.90	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.84	17.93	17.90	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.80	17.88	17.80	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.83	17.96	17.79	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.79	17.94	17.84	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.79	17.95	17.80	19.5	0.0

n38

BW [MHz]	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	12.04	12.37	12.03	13.0	0.0
40	PI/2 BPSK	1	53	12.21	12.17	12.14		
40	PI/2 BPSK	1	104	12.27	12.19	12.18		
40	PI/2 BPSK	50	0	12.09	12.36	12.04	13.0	0.0
40	PI/2 BPSK	50	28	12.14	12.46	12.00	13.0	0.0
40	PI/2 BPSK	50	56	12.19	12.20	12.26	13.0	0.0
40	PI/2 BPSK	100	0	12.15	12.27	12.17		
40	QPSK	1	1	12.11	12.50	12.05	13.0	0.0
40	QPSK	1	53	12.29	12.36	12.24		
40	QPSK	1	104	12.07	12.45	12.02		
40	QPSK	50	0	12.20	12.22	12.15	13.0	0.0
40	QPSK	50	28	12.08	12.44	12.09	13.0	0.0
40	QPSK	50	56	12.27	12.31	12.20	13.0	0.0
40	QPSK	100	0	12.18	12.24	12.06		
40	16QAM	1	1	12.06	12.37	12.01	13.0	0.0
40	64QAM	1	1	12.12	12.40	11.95	13.0	0.0
40	256QAM	1	1	10.73	10.75	10.64	12.0	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	12.05	12.35	12.00	13.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	12.08	12.27	12.02	13.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	12.04	12.34	12.08	13.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	12.05	12.32	11.99	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.11	12.41	12.12	13.0	0.0
100	PI/2 BPSK	1	137	12.25	12.31	12.23		
100	PI/2 BPSK	1	271	12.32	12.31	12.21		
100	PI/2 BPSK	135	0	12.12	12.48	12.09	13.0	0.0
100	PI/2 BPSK	135	69	12.16	12.48	12.13	13.0	0.0
100	PI/2 BPSK	135	138	12.31	12.30	12.29	13.0	0.0
100	PI/2 BPSK	270	0	12.26	12.34	12.20		
100	QPSK	1	1	12.19	12.53	12.15	13.0	0.0
100	QPSK	1	137	12.37	12.44	12.37		
100	QPSK	1	271	12.15	12.51	12.08		
100	QPSK	135	0	12.26	12.30	12.29	13.0	0.0
100	QPSK	135	69	12.15	12.49	12.13	13.0	0.0
100	QPSK	135	138	12.29	12.41	12.25	13.0	0.0
100	QPSK	270	0	12.30	12.35	12.18		
100	16QAM	1	1	12.12	12.48	12.09	13.0	0.0
100	64QAM	1	1	12.15	12.43	12.07	13.0	0.0
100	256QAM	1	1	12.13	12.46	12.09	13.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.15	12.45	12.03	13.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.16	12.45	12.07	13.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.15	12.48	12.11	13.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.15	12.42	12.09	13.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.14	12.40	12.12	13.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.17	12.46	12.08	13.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.07	12.49	12.05	13.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.17	12.49	12.03	13.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.08	12.48	12.11	13.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.12	12.45	12.11	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.11	15.41	15.17	16.0	0.0
100	PI/2 BPSK	1	137	15.21	15.27	15.20		
100	PI/2 BPSK	1	271	15.34	15.32	15.23		
100	PI/2 BPSK	135	0	15.13	15.51	15.03	16.0	0.0
100	PI/2 BPSK	135	69	15.14	15.50	15.13	16.0	0.0
100	PI/2 BPSK	135	138	15.28	15.31	15.32	16.0	0.0
100	PI/2 BPSK	270	0	15.29	15.39	15.26		
100	QPSK	1	1	15.19	15.57	15.10	16.0	0.0
100	QPSK	1	137	15.39	15.40	15.34		
100	QPSK	1	271	15.12	15.53	15.02		
100	QPSK	135	0	15.25	15.34	15.27	16.0	0.0
100	QPSK	135	69	15.19	15.52	15.13	16.0	0.0
100	QPSK	135	138	15.31	15.40	15.24	16.0	0.0
100	QPSK	270	0	15.26	15.36	15.20		
100	16QAM	1	1	15.11	15.52	15.10	16.0	0.0
100	64QAM	1	1	15.20	15.45	15.06	16.0	0.0
100	256QAM	1	1	15.12	15.52	15.10	16.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.11	15.47	15.04	16.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.06	15.50	15.04	16.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.16	15.49	15.06	16.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.15	15.54	14.99	16.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.16	15.50	14.97	16.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.09	15.43	14.98	16.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.15	15.55	15.05	16.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.14	15.43	15.08	16.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.15	15.47	15.00	16.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.15	15.46	15.05	16.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.97	21.00	20.84	22.1	0.0
40	PI/2 BPSK	1	53	20.95	20.99	20.94		
40	PI/2 BPSK	1	104	20.80	20.96	20.86		
40	PI/2 BPSK	50	0	20.92	21.06	20.81	22.1	0.0
40	PI/2 BPSK	50	28	21.04	21.09	20.86	22.1	0.0
40	PI/2 BPSK	50	56	20.95	20.94	20.89	22.1	0.0
40	PI/2 BPSK	100	0	20.86	20.99	20.84		
40	QPSK	1	1	21.06	21.13	20.92	22.1	0.0
40	QPSK	1	53	20.97	21.02	21.00		
40	QPSK	1	104	20.92	21.02	20.89		
40	QPSK	50	0	21.01	21.06	20.79	22.1	0.0
40	QPSK	50	28	20.94	21.12	20.86	22.1	0.0
40	QPSK	50	56	20.88	20.95	20.78	22.1	0.0
40	QPSK	100	0	21.01	21.09	20.90		
40	16QAM	1	1	20.90	20.99	20.91	22.1	0.0
40	64QAM	1	1	20.86	20.91	20.76	21.5	0.6
40	256QAM	1	1	19.03	19.12	19.07	19.5	2.6
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.96	21.07	20.83	22.1	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.96	21.03	20.89	22.1	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.93	21.04	20.83	22.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.69	17.74	17.65	19.0	0.0
100	PI/2 BPSK	1	137	17.68	17.66	17.68		
100	PI/2 BPSK	1	271	17.57	17.66	17.63		
100	PI/2 BPSK	135	0	17.69	17.75	17.72	19.0	0.0
100	PI/2 BPSK	135	69	17.67	17.69	17.72	19.0	0.0
100	PI/2 BPSK	135	138	17.77	17.72	17.69	19.0	0.0
100	PI/2 BPSK	270	0	17.63	17.65	17.61		
100	QPSK	1	1	17.76	17.81	17.77	19.0	0.0
100	QPSK	1	137	17.79	17.74	17.77		
100	QPSK	1	271	17.66	17.70	17.74		
100	QPSK	135	0	17.66	17.78	17.68	19.0	0.0
100	QPSK	135	69	17.69	17.79	17.65	19.0	0.0
100	QPSK	135	138	17.70	17.65	17.74	19.0	0.0
100	QPSK	270	0	17.68	17.77	17.64		
100	16QAM	1	1	17.66	17.73	17.73	19.0	0.0
100	64QAM	1	1	17.76	17.71	17.73	19.0	0.0
100	256QAM	1	1	17.55	17.62	17.61	18.5	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.64	17.77	17.68	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.73	17.74	17.69	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.69	17.71	17.72	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.63	17.72	17.67	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.64	17.71	17.73	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.63	17.73	17.69	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.69	17.75	17.65	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.70	17.78	17.64	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.63	17.68	17.71	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.71	17.76	17.70	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.70	17.77	17.64	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.65	20.77	20.67	22.0	0.0
100	PI/2 BPSK	1	137	20.71	20.64	20.66		
100	PI/2 BPSK	1	271	20.55	20.63	20.61		
100	PI/2 BPSK	135	0	20.70	20.72	20.69	22.0	0.0
100	PI/2 BPSK	135	69	20.68	20.73	20.73	22.0	0.0
100	PI/2 BPSK	135	138	20.74	20.70	20.66	22.0	0.0
100	PI/2 BPSK	270	0	20.60	20.69	20.59		
100	QPSK	1	1	20.70	20.86	20.80	22.0	0.0
100	QPSK	1	137	20.81	20.76	20.74		
100	QPSK	1	271	20.65	20.65	20.72		
100	QPSK	135	0	20.60	20.82	20.73	22.0	0.0
100	QPSK	135	69	20.74	20.81	20.62	22.0	0.0
100	QPSK	135	138	20.65	20.63	20.76	22.0	0.0
100	QPSK	270	0	20.68	20.73	20.65		
100	16QAM	1	1	20.70	20.74	20.75	22.0	0.0
100	64QAM	1	1	20.16	20.26	20.21	22.0	0.0
100	256QAM	1	1	18.55	18.52	18.59	20.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.61	20.79	20.71	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.65	20.76	20.78	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.64	20.77	20.73	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.63	20.77	20.75	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.58	20.73	20.72	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.65	20.80	20.75	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.58	20.73	20.76	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.59	20.83	20.70	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.57	20.84	20.73	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.61	20.72	20.66	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.60	20.77	20.73	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.12		19.0	0.0
100	PI/2 BPSK	1	137		18.06			
100	PI/2 BPSK	1	271		17.97			
100	PI/2 BPSK	135	0		18.04		19.0	0.0
100	PI/2 BPSK	135	69		18.03		19.0	0.0
100	PI/2 BPSK	135	138		18.05		19.0	0.0
100	PI/2 BPSK	270	0		18.02			
100	QPSK	1	1		18.22		19.0	0.0
100	QPSK	1	137		18.12			
100	QPSK	1	271		18.07			
100	QPSK	135	0		18.07		19.0	0.0
100	QPSK	135	69		18.19		19.0	0.0
100	QPSK	135	138		17.97		19.0	0.0
100	QPSK	270	0		18.06			
100	16QAM	1	1		18.06		19.0	0.0
100	64QAM	1	1		18.05		19.0	0.0
100	256QAM	1	1		18.00		18.5	0.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.19	18.12	18.18	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.14	18.09	18.14	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.14	18.13	18.18	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.09	18.08	18.09	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.18	18.19	18.18	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.19	18.11	18.11	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.17	18.09	18.09	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.13	18.14	18.15	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.17	18.15	18.12	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.12	18.09	18.09	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.09	18.19	18.13	19.0	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.11		22.0	0.0
100	PI/2 BPSK	1	137		20.97			
100	PI/2 BPSK	1	271		20.90			
100	PI/2 BPSK	135	0		21.04		22.0	0.0
100	PI/2 BPSK	135	69		21.02		22.0	0.0
100	PI/2 BPSK	135	138		20.95		22.0	0.0
100	PI/2 BPSK	270	0		21.00			
100	QPSK	1	1		21.24		22.0	0.0
100	QPSK	1	137		21.06			
100	QPSK	1	271		20.91			
100	QPSK	135	0		21.11		22.0	0.0
100	QPSK	135	69		21.22		22.0	0.0
100	QPSK	135	138		20.98		22.0	0.0
100	QPSK	270	0		21.07			
100	16QAM	1	1		21.09		22.0	0.0
100	64QAM	1	1		20.58		22.0	0.0
100	256QAM	1	1		18.82		20.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.11	21.14	21.11	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.12	21.21	21.19	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.19	21.10	21.18	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.14	21.15	21.18	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.15	21.19	21.13	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.21	21.12	21.18	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.17	21.15	21.19	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.18	21.13	21.21	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.17	21.14	21.15	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.15	21.14	21.16	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.18	21.21	21.11	22.0	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.01		19.0	0.0
100	PI/2 BPSK	1	137		17.94			
100	PI/2 BPSK	1	271		17.89			
100	PI/2 BPSK	135	0		17.92		19.0	0.0
100	PI/2 BPSK	135	69		18.01		19.0	0.0
100	PI/2 BPSK	135	138		17.93		19.0	0.0
100	PI/2 BPSK	270	0		17.94			
100	QPSK	1	1		18.11		19.0	0.0
100	QPSK	1	137		18.02			
100	QPSK	1	271		18.03			
100	QPSK	135	0		17.95		19.0	0.0
100	QPSK	135	69		18.08		19.0	0.0
100	QPSK	135	138		17.87		19.0	0.0
100	QPSK	270	0		17.97			
100	16QAM	1	1		17.97		19.0	0.0
100	64QAM	1	1		17.97		19.0	0.0
100	256QAM	1	1		17.88		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.00	18.08	17.97	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.99	18.07	18.08	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.01	18.02	18.04	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.97	18.04	17.97	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.09	18.04	18.08	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.07	18.07	17.98	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.09	18.02	18.01	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.98	17.98	18.01	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.09	18.02	18.04	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.06	17.97	18.01	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.08	17.99	18.06	19.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.00		22.0	0.0
100	PI/2 BPSK	1	137		20.83			
100	PI/2 BPSK	1	271		20.79			
100	PI/2 BPSK	135	0		20.92		22.0	0.0
100	PI/2 BPSK	135	69		20.95		22.0	0.0
100	PI/2 BPSK	135	138		20.82		22.0	0.0
100	PI/2 BPSK	270	0		20.96			
100	QPSK	1	1		21.20		22.0	0.0
100	QPSK	1	137		20.99			
100	QPSK	1	271		20.87			
100	QPSK	135	0		21.07		22.0	0.0
100	QPSK	135	69		21.14		22.0	0.0
100	QPSK	135	138		20.91		22.0	0.0
100	QPSK	270	0		20.99			
100	16QAM	1	1		21.01		22.0	0.0
100	64QAM	1	1		20.51		22.0	0.0
100	256QAM	1	1		18.75		20.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.17	21.08	21.13	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.07	21.07	21.07	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.14	21.08	21.13	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.17	21.17	21.10	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.14	21.17	21.12	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.17	21.16	21.16	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.13	21.15	21.09	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.17	21.07	21.14	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.15	21.16	21.08	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.07	21.14	21.08	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.17	21.06	21.14	22.0	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.97		19.0	0.0
100	PI/2 BPSK	1	137		17.83			
100	PI/2 BPSK	1	271		17.79			
100	PI/2 BPSK	135	0		17.79		19.0	0.0
100	PI/2 BPSK	135	69		17.96		19.0	0.0
100	PI/2 BPSK	135	138		17.81		19.0	0.0
100	PI/2 BPSK	270	0		17.85			
100	QPSK	1	1		18.02		19.0	0.0
100	QPSK	1	137		17.96			
100	QPSK	1	271		18.00			
100	QPSK	135	0		17.85		19.0	0.0
100	QPSK	135	69		17.95		19.0	0.0
100	QPSK	135	138		17.80		19.0	0.0
100	QPSK	270	0		17.89			
100	16QAM	1	1		17.87		19.0	0.0
100	64QAM	1	1		17.90		19.0	0.0
100	256QAM	1	1		17.88		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.89	17.90	17.99	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.90	17.95	17.89	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.92	17.91	17.91	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.89	17.93	17.92	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.99	17.94	17.88	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.96	17.90	17.96	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.93	18.00	17.93	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.97	17.91	17.97	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.90	17.92	17.90	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.93	17.98	17.96	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.99	17.88	17.93	19.0	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.98		22.0	0.0
100	PI/2 BPSK	1	137		20.70			
100	PI/2 BPSK	1	271		20.69			
100	PI/2 BPSK	135	0		20.80		22.0	0.0
100	PI/2 BPSK	135	69		20.84		22.0	0.0
100	PI/2 BPSK	135	138		20.69		22.0	0.0
100	PI/2 BPSK	270	0		20.83			
100	QPSK	1	1		21.11		22.0	0.0
100	QPSK	1	137		20.96			
100	QPSK	1	271		20.73			
100	QPSK	135	0		20.95		22.0	0.0
100	QPSK	135	69		21.09		22.0	0.0
100	QPSK	135	138		20.80		22.0	0.0
100	QPSK	270	0		20.94			
100	16QAM	1	1		20.90		22.0	0.0
100	64QAM	1	1		20.47		22.0	0.0
100	256QAM	1	1		19.02		20.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.01	21.05	21.03	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.07	20.98	21.04	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.07	21.03	21.06	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.03	21.03	21.03	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.02	20.98	21.01	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.03	20.97	21.02	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.97	21.07	21.03	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.07	21.08	21.06	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.03	21.03	20.97	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.98	21.01	21.03	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.07	21.00	20.99	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.24	23.36	23.22	24.0	0.0
50	PI/2 BPSK	1	135	23.44	23.48	23.41		
50	PI/2 BPSK	1	268	23.41	23.45	23.37		
50	PI/2 BPSK	135	0	23.37	23.43	23.41	24.0	0.0
50	PI/2 BPSK	135	68	23.41	23.49	23.44	24.0	0.0
50	PI/2 BPSK	135	135	23.30	23.42	23.32	24.0	0.0
50	PI/2 BPSK	270	0	23.36	23.46	23.38		
50	QPSK	1	1	23.31	23.55	23.29	24.0	0.0
50	QPSK	1	135	23.36	23.50	23.42		
50	QPSK	1	268	23.37	23.47	23.42		
50	QPSK	135	0	23.35	23.48	23.44	24.0	0.0
50	QPSK	135	68	23.47	23.49	23.35	24.0	0.0
50	QPSK	135	135	23.38	23.42	23.40	24.0	0.0
50	QPSK	270	0	23.30	23.43	23.31		
50	16QAM	1	1	23.30	23.41	23.32	24.0	0.0
50	64QAM	1	1	21.97	22.04	21.92	23.0	1.0
50	256QAM	1	1	20.02	20.12	20.06	21.0	3.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.20	23.44	23.26	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.22	23.46	23.17	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	23.17	23.52	23.16	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.24	23.45	23.25	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	23.27	23.44	23.16	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.22	23.47	23.26	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	23.24	23.47	23.21	24.0	0.0

n30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		23.27		24.0	0.0
10	PI/2 BPSK	1	26		23.37			
10	PI/2 BPSK	1	50		23.33			
10	PI/2 BPSK	25	0		23.37		24.0	0.0
10	PI/2 BPSK	25	14		23.39		24.0	0.0
10	PI/2 BPSK	25	27		23.34		24.0	0.0
10	PI/2 BPSK	50	0		23.44			
10	QPSK	1	1		23.45		24.0	0.0
10	QPSK	1	26		23.30			
10	QPSK	1	50		23.36			
10	QPSK	25	0		23.38		24.0	0.0
10	QPSK	25	14		23.40		24.0	0.0
10	QPSK	25	27		23.34		24.0	0.0
10	QPSK	50	0		23.41			
10	16QAM	1	1		22.94		24.0	0.0
10	64QAM	1	1		22.24		23.0	1.0
10	256QAM	1	1		20.41		21.0	3.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.34	23.37	23.37	24.0	0.0

n38

BW [MHz]	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	21.06	21.27	21.34	22.7	0.0
40	PI/2 BPSK	1	53	21.39	21.55	21.40		
40	PI/2 BPSK	1	104	21.42	21.60	21.40		
40	PI/2 BPSK	50	0	21.23	21.33	21.27	22.2	0.5
40	PI/2 BPSK	50	28	21.42	21.57	21.48	22.7	0.0
40	PI/2 BPSK	50	56	21.48	21.46	21.46	22.2	0.5
40	PI/2 BPSK	100	0	21.36	21.26	21.27		
40	QPSK	1	1	21.60	21.63	21.54	22.7	0.0
40	QPSK	1	53	21.32	21.43	21.37		
40	QPSK	1	104	21.41	21.51	21.38		
40	QPSK	50	0	21.67	21.49	21.56	22.7	0.0
40	QPSK	50	28	21.50	21.70	21.29	22.7	0.0
40	QPSK	50	56	21.34	21.44	21.29	22.7	0.0
40	QPSK	100	0	21.23	21.43	21.39		
40	16QAM	1	1	21.55	21.53	21.58	22.7	0.0
40	64QAM	1	1	21.02	21.17	21.07	22.7	0.0
40	256QAM	1	1	20.57	20.64	20.57	21.7	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.43	21.59	21.46	22.7	0.0
Channel				518000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.46	21.52	21.44	22.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.56	21.60	21.49	22.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.43	21.46	21.47	22.7	0.0

n41

BW [MHz]	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	20.97	21.06	21.16	22.7	0.0
100	PI/2 BPSK	1	137	21.27	21.32	21.24		
100	PI/2 BPSK	1	271	21.26	21.39	21.28		
100	PI/2 BPSK	135	0	21.07	21.16	21.07	22.7	0.0
100	PI/2 BPSK	135	69	21.32	21.39	21.36	22.7	0.0
100	PI/2 BPSK	135	138	21.32	21.38	21.33	22.7	0.0
100	PI/2 BPSK	270	0	21.13	21.19	21.11		
100	QPSK	1	1	21.41	21.42	21.38	22.7	0.0
100	QPSK	1	137	21.19	21.32	21.26		
100	QPSK	1	271	21.28	21.36	21.28		
100	QPSK	135	0	21.47	21.33	21.39	22.7	0.0
100	QPSK	135	69	21.29	21.53	21.22	22.7	0.0
100	QPSK	135	138	21.24	21.28	21.22	22.7	0.0
100	QPSK	270	0	21.14	21.24	21.20		
100	16QAM	1	1	21.36	21.46	21.37	22.7	0.0
100	64QAM	1	1	20.87	21.00	20.91	22.7	0.0
100	256QAM	1	1	20.43	20.45	20.47	21.7	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.27	21.32	21.20	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.31	21.31	21.29	22.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.33	21.36	21.27	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.31	21.36	21.31	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.25	21.39	21.30	22.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.24	21.32	21.31	22.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.39	21.39	21.35	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.26	21.24	21.29	22.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.35	21.29	21.33	22.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.33	21.30	21.30	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.61	22.70	22.80	23.7	0.0
100	PI/2 BPSK	1	137	22.91	22.96	22.88		
100	PI/2 BPSK	1	271	22.90	23.03	22.92		
100	PI/2 BPSK	135	0	22.71	22.80	22.71	23.2	0.5
100	PI/2 BPSK	135	69	22.96	23.03	23.00	23.7	0.0
100	PI/2 BPSK	135	138	22.96	23.02	22.97	23.2	0.5
100	PI/2 BPSK	270	0	22.77	22.83	22.75		
100	QPSK	1	1	23.05	23.06	23.02	23.7	0.0
100	QPSK	1	137	22.83	22.96	22.90		
100	QPSK	1	271	22.92	23.00	22.92		
100	QPSK	135	0	22.11	22.16	22.03	23.7	0.0
100	QPSK	135	69	22.93	22.97	22.86	23.7	0.0
100	QPSK	135	138	22.88	22.92	22.86	23.7	0.0
100	QPSK	270	0	21.78	21.88	21.84		
100	16QAM	1	1	22.00	22.10	22.01	23.7	0.0
100	64QAM	1	1	21.51	21.64	21.55	22.2	1.5
100	256QAM	1	1	19.07	19.18	19.10	20.2	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.00	23.03	22.89	23.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.93	22.96	22.95	23.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.95	23.02	22.91	23.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.99	22.99	22.87	23.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.98	23.00	22.98	23.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.90	22.93	22.87	23.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.99	22.98	22.92	23.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.01	22.90	22.97	23.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.90	22.93	22.86	23.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.94	22.88	22.88	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.74	14.27	14.01	14.8	0.0
40	PI/2 BPSK	1	53	13.68	14.22	14.04		
40	PI/2 BPSK	1	104	13.70	14.21	14.03		
40	PI/2 BPSK	50	0	13.40	13.84	13.58	14.8	0.0
40	PI/2 BPSK	50	28	13.86	14.24	13.93	14.8	0.0
40	PI/2 BPSK	50	56	13.36	13.86	13.44	14.8	0.0
40	PI/2 BPSK	100	0	13.45	13.82	13.50		
40	QPSK	1	1	14.21	14.29	14.15	14.8	0.0
40	QPSK	1	53	13.79	14.25	14.01		
40	QPSK	1	104	13.78	14.23	13.92		
40	QPSK	50	0	13.97	14.11	14.01	14.8	0.0
40	QPSK	50	28	14.08	14.13	14.05	14.8	0.0
40	QPSK	50	56	14.04	14.08	14.02	14.8	0.0
40	QPSK	100	0	13.97	14.12	14.01		
40	16QAM	1	1	13.93	14.05	13.95	14.8	0.0
40	64QAM	1	1	14.16	14.17	14.01	14.8	0.0
40	256QAM	1	1	14.07	14.22	14.05	14.8	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.13	14.26	14.02	14.8	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.18	14.26	14.09	14.8	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.18	14.21	14.09	14.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.99	14.08	14.11	14.8	0.0
100	PI/2 BPSK	1	137	14.15	14.13	14.06		
100	PI/2 BPSK	1	271	14.12	14.13	13.99		
100	PI/2 BPSK	135	0	13.70	13.69	13.62	14.8	0.0
100	PI/2 BPSK	135	69	14.15	14.10	13.98	14.8	0.0
100	PI/2 BPSK	135	138	13.66	13.73	13.51	14.8	0.0
100	PI/2 BPSK	270	0	13.66	13.65	13.56		
100	QPSK	1	1	14.15	14.18	14.11	14.8	0.0
100	QPSK	1	137	14.10	14.14	14.06		
100	QPSK	1	271	14.02	14.10	14.02		
100	QPSK	135	0	14.02	14.08	14.00	14.8	0.0
100	QPSK	135	69	14.10	14.17	14.15	14.8	0.0
100	QPSK	135	138	14.07	14.09	13.97	14.8	0.0
100	QPSK	270	0	14.05	14.08	14.05		
100	16QAM	1	1	14.08	14.11	14.08	14.8	0.0
100	64QAM	1	1	14.02	14.06	14.01	14.8	0.0
100	256QAM	1	1	14.08	14.12	14.09	14.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.04	14.10	14.00	14.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.01	14.12	14.00	14.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.08	14.14	14.02	14.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.11	14.04	14.05	14.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.09	14.14	14.03	14.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.11	14.08	14.08	14.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.02	14.15	14.04	14.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.06	14.15	14.05	14.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.04	14.07	14.04	14.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.06	14.09	13.97	14.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.03	14.09	13.98	14.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.96	17.11	17.16	17.8	0.0
100	PI/2 BPSK	1	137	17.14	17.17	17.03		
100	PI/2 BPSK	1	271	17.17	17.16	16.99		
100	PI/2 BPSK	135	0	16.68	16.64	16.62	17.8	0.0
100	PI/2 BPSK	135	69	17.11	17.10	17.03	17.8	0.0
100	PI/2 BPSK	135	138	16.66	16.73	16.46	17.8	0.0
100	PI/2 BPSK	270	0	16.68	16.65	16.50		
100	QPSK	1	1	17.19	17.28	17.05	17.8	0.0
100	QPSK	1	137	17.09	17.19	17.06		
100	QPSK	1	271	17.04	17.15	16.99		
100	QPSK	135	0	16.97	17.08	17.01	17.8	0.0
100	QPSK	135	69	17.15	17.20	17.18	17.8	0.0
100	QPSK	135	138	17.08	17.06	16.96	17.8	0.0
100	QPSK	270	0	17.04	17.12	17.01		
100	16QAM	1	1	17.04	17.12	17.09	17.8	0.0
100	64QAM	1	1	17.00	17.02	16.95	17.8	0.0
100	256QAM	1	1	17.07	17.17	17.05	17.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.07	17.20	17.00	17.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.06	17.15	17.01	17.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.10	17.15	16.94	17.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.11	17.25	16.97	17.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.09	17.22	16.95	17.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.13	17.18	16.92	17.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.13	17.24	16.96	17.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.15	17.22	16.98	17.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.07	17.24	16.95	17.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.09	17.22	16.91	17.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.08	17.24	16.99	17.8	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.20		14.8	0.0
100	PI/2 BPSK	1	137		14.24			
100	PI/2 BPSK	1	271		14.22			
100	PI/2 BPSK	135	0		13.82		14.8	0.0
100	PI/2 BPSK	135	69		14.13		14.8	0.0
100	PI/2 BPSK	135	138		13.77		14.8	0.0
100	PI/2 BPSK	270	0		13.73			
100	QPSK	1	1		14.32		14.8	0.0
100	QPSK	1	137		14.26			
100	QPSK	1	271		14.12			
100	QPSK	135	0		14.18		14.8	0.0
100	QPSK	135	69		14.20		14.8	0.0
100	QPSK	135	138		14.16		14.8	0.0
100	QPSK	270	0		14.18			
100	16QAM	1	1		14.23		14.8	0.0
100	64QAM	1	1		14.08		14.8	0.0
100	256QAM	1	1		14.24		14.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.23	14.24	14.24	14.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.20	14.22	14.22	14.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.20	14.24	14.21	14.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.20	14.25	14.24	14.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.22	14.27	14.21	14.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.22	14.20	14.26	14.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.30	14.23	14.22	14.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.29	14.26	14.21	14.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.25	14.22	14.24	14.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.30	14.22	14.27	14.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.19	14.27	14.21	14.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.15		17.8	0.0
100	PI/2 BPSK	1	137		17.30			
100	PI/2 BPSK	1	271		17.23			
100	PI/2 BPSK	135	0		16.86		17.8	0.0
100	PI/2 BPSK	135	69		17.15		17.8	0.0
100	PI/2 BPSK	135	138		16.75		17.8	0.0
100	PI/2 BPSK	270	0		16.78			
100	QPSK	1	1		17.32		17.8	0.0
100	QPSK	1	137		17.21			
100	QPSK	1	271		17.17			
100	QPSK	135	0		17.21		17.8	0.0
100	QPSK	135	69		17.29		17.8	0.0
100	QPSK	135	138		17.20		17.8	0.0
100	QPSK	270	0		17.17			
100	16QAM	1	1		17.25		17.8	0.0
100	64QAM	1	1		17.13		17.8	0.0
100	256QAM	1	1		17.27		17.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.19	17.24	17.26	17.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.27	17.27	17.29	17.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.27	17.18	17.28	17.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.22	17.28	17.25	17.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.26	17.24	17.20	17.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.22	17.23	17.22	17.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.21	17.23	17.23	17.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.22	17.18	17.21	17.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.20	17.19	17.25	17.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.24	17.27	17.28	17.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.19	17.23	17.22	17.8	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.06		14.8	0.0
100	PI/2 BPSK	1	137		14.15			
100	PI/2 BPSK	1	271		14.15			
100	PI/2 BPSK	135	0		13.78		14.8	0.0
100	PI/2 BPSK	135	69		14.07		14.8	0.0
100	PI/2 BPSK	135	138		13.73		14.8	0.0
100	PI/2 BPSK	270	0		13.60			
100	QPSK	1	1		14.20		14.8	0.0
100	QPSK	1	137		14.13			
100	QPSK	1	271		13.98			
100	QPSK	135	0		14.04		14.8	0.0
100	QPSK	135	69		14.15		14.8	0.0
100	QPSK	135	138		14.10		14.8	0.0
100	QPSK	270	0		14.09			
100	16QAM	1	1		14.11		14.8	0.0
100	64QAM	1	1		13.98		14.8	0.0
100	256QAM	1	1		14.14		14.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.12	14.07	14.14	14.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.11	14.15	14.13	14.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.15	14.13	14.13	14.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.13	14.16	14.11	14.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.13	14.10	14.14	14.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.17	14.17	14.11	14.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.12	14.16	14.14	14.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.08	14.11	14.09	14.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.08	14.07	14.15	14.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.17	14.11	14.06	14.8	0.0
Channel				14	14	14	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				14.08	14.1	14.17		
10	QPSK	1	1	14.13	14.08	14.07	14.8	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.12		17.8	0.0
100	PI/2 BPSK	1	137		17.16			
100	PI/2 BPSK	1	271		17.10			
100	PI/2 BPSK	135	0		16.79		17.8	0.0
100	PI/2 BPSK	135	69		17.07		17.8	0.0
100	PI/2 BPSK	135	138		16.64		17.8	0.0
100	PI/2 BPSK	270	0		16.67			
100	QPSK	1	1		17.20		17.8	0.0
100	QPSK	1	137		17.10			
100	QPSK	1	271		17.10			
100	QPSK	135	0		17.13		17.8	0.0
100	QPSK	135	69		17.19		17.8	0.0
100	QPSK	135	138		17.11		17.8	0.0
100	QPSK	270	0		17.07			
100	16QAM	1	1		17.12		17.8	0.0
100	64QAM	1	1		17.04		17.8	0.0
100	256QAM	1	1		17.17		17.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.13	17.17	17.06	17.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.18	17.08	17.16	17.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.15	17.17	17.17	17.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.13	17.13	17.07	17.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.17	17.13	17.18	17.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.14	17.09	17.15	17.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.15	17.12	17.17	17.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.09	17.14	17.18	17.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.14	17.11	17.07	17.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.14	17.17	17.07	17.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.13	17.10	17.17	17.8	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.16		14.8	0.0
100	PI/2 BPSK	1	137		14.21			
100	PI/2 BPSK	1	271		14.19			
100	PI/2 BPSK	135	0		13.78		14.8	0.0
100	PI/2 BPSK	135	69		14.00		14.8	0.0
100	PI/2 BPSK	135	138		13.73		14.8	0.0
100	PI/2 BPSK	270	0		13.64			
100	QPSK	1	1		14.28		14.8	0.0
100	QPSK	1	137		14.17			
100	QPSK	1	271		14.04			
100	QPSK	135	0		14.12		14.8	0.0
100	QPSK	135	69		14.15		14.8	0.0
100	QPSK	135	138		14.13		14.8	0.0
100	QPSK	270	0		14.05			
100	16QAM	1	1		14.09		14.8	0.0
100	64QAM	1	1		13.97		14.8	0.0
100	256QAM	1	1		14.20		14.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.23	14.21	14.21	14.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.22	14.19	14.19	14.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.17	14.22	14.18	14.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.18	14.14	14.15	14.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.18	14.15	14.22	14.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.22	14.16	14.18	14.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.15	14.22	14.22	14.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.20	14.21	14.15	14.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.21	14.25	14.16	14.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.16	14.16	14.17	14.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.25	14.21	14.16	14.8	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.10		17.8	0.0
100	PI/2 BPSK	1	137		17.21			
100	PI/2 BPSK	1	271		17.20			
100	PI/2 BPSK	135	0		16.78		17.8	0.0
100	PI/2 BPSK	135	69		17.02		17.8	0.0
100	PI/2 BPSK	135	138		16.65		17.8	0.0
100	PI/2 BPSK	270	0		16.66			
100	QPSK	1	1		17.22		17.8	0.0
100	QPSK	1	137		17.08			
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.14		17.8	0.0
100	QPSK	135	69		17.21		17.8	0.0
100	QPSK	135	138		17.18		17.8	0.0
100	QPSK	270	0		17.03			
100	16QAM	1	1		17.21		17.8	0.0
100	64QAM	1	1		17.01		17.8	0.0
100	256QAM	1	1		17.19		17.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.14	17.16	17.09	17.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.07	17.10	17.17	17.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.17	17.06	17.17	17.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.09	17.07	17.09	17.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.16	17.11	17.12	17.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.08	17.16	17.10	17.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.07	17.15	17.13	17.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.07	17.06	17.13	17.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.12	17.13	17.14	17.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.13	17.15	17.12	17.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.17	17.09	17.12	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.01	15.01	14.96	15.6	0.0
40	PI/2 BPSK	1	53	15.02	15.11	15.07		
40	PI/2 BPSK	1	104	14.97	15.09	15.07		
40	PI/2 BPSK	50	0	14.50	14.79	14.59	15.6	0.0
40	PI/2 BPSK	50	28	14.99	15.11	15.04	15.6	0.0
40	PI/2 BPSK	50	56	14.61	14.68	14.62	15.6	0.0
40	PI/2 BPSK	100	0	14.59	14.68	14.63		
40	QPSK	1	1	15.03	15.15	15.07	15.6	0.0
40	QPSK	1	53	15.07	15.06	14.96		
40	QPSK	1	104	14.92	15.12	15.07		
40	QPSK	50	0	14.89	14.80	14.91	15.6	0.0
40	QPSK	50	28	14.93	15.07	14.95	15.6	0.0
40	QPSK	50	56	14.85	14.83	14.82	15.6	0.0
40	QPSK	100	0	14.77	14.87	14.83		
40	16QAM	1	1	14.96	14.99	14.90	15.6	0.0
40	64QAM	1	1	14.95	15.11	14.98	15.6	0.0
40	256QAM	1	1	15.01	15.11	14.98	15.6	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.90	15.01	14.93	15.6	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.01	15.09	14.97	15.6	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.90	15.05	15.04	15.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.93	16.11	16.07	17.7	0.0
100	PI/2 BPSK	1	137	15.94	16.18	16.06		
100	PI/2 BPSK	1	271	15.83	16.19	15.99		
100	PI/2 BPSK	135	0	15.90	16.14	16.08	17.7	0.0
100	PI/2 BPSK	135	69	15.86	16.14	16.09	17.7	0.0
100	PI/2 BPSK	135	138	15.81	16.13	16.04	17.7	0.0
100	PI/2 BPSK	270	0	15.92	16.16	16.05		
100	QPSK	1	1	15.94	16.20	16.11	17.7	0.0
100	QPSK	1	137	15.94	16.15	15.99		
100	QPSK	1	271	15.93	16.12	16.06		
100	QPSK	135	0	16.02	16.03	15.95	17.7	0.0
100	QPSK	135	69	16.07	16.16	16.04	17.7	0.0
100	QPSK	135	138	16.11	15.91	16.11	17.7	0.0
100	QPSK	270	0	16.07	16.15	16.06		
100	16QAM	1	1	15.98	16.08	16.07	17.7	0.0
100	64QAM	1	1	15.88	16.13	16.05	17.7	0.0
100	256QAM	1	1	15.88	16.17	16.05	17.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.83	16.10	16.04	17.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.85	16.06	15.97	17.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.86	16.13	16.04	17.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.88	16.17	16.04	17.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.82	16.17	16.06	17.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.87	16.06	16.00	17.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.81	16.15	15.98	17.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.84	16.08	16.09	17.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.84	16.11	16.06	17.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.81	16.17	16.00	17.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.81	16.13	15.99	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.89	19.11	19.12	20.7	0.0
100	PI/2 BPSK	1	137	18.93	19.15	19.04		
100	PI/2 BPSK	1	271	18.83	19.12	19.05		
100	PI/2 BPSK	135	0	18.92	19.14	19.06	20.7	0.0
100	PI/2 BPSK	135	69	18.82	19.09	19.09	20.7	0.0
100	PI/2 BPSK	135	138	18.81	19.10	19.07	20.7	0.0
100	PI/2 BPSK	270	0	18.91	19.13	19.06		
100	QPSK	1	1	19.07	19.18	19.13	20.7	0.0
100	QPSK	1	137	18.95	19.11	18.99		
100	QPSK	1	271	18.90	19.16	19.00		
100	QPSK	135	0	18.97	19.06	18.97	20.7	0.0
100	QPSK	135	69	19.03	19.13	19.07	20.7	0.0
100	QPSK	135	138	19.08	18.95	19.11	20.7	0.0
100	QPSK	270	0	19.02	19.12	19.06		
100	16QAM	1	1	18.93	19.06	19.05	20.7	0.0
100	64QAM	1	1	18.88	19.08	19.07	20.7	0.0
100	256QAM	1	1	18.83	19.14	18.99	20.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.02	19.04	19.03	20.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.98	19.06	19.07	20.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.98	19.06	19.04	20.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.01	19.15	19.02	20.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.95	19.12	19.00	20.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.00	19.06	19.04	20.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.96	19.08	19.08	20.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.97	19.06	19.04	20.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.98	19.04	19.02	20.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.93	19.11	19.11	20.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.94	19.16	19.05	20.7	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.60		17.7	0.0
100	PI/2 BPSK	1	137		16.65			
100	PI/2 BPSK	1	271		16.69			
100	PI/2 BPSK	135	0		16.63		17.7	0.0
100	PI/2 BPSK	135	69		16.64		17.7	0.0
100	PI/2 BPSK	135	138		16.66		17.7	0.0
100	PI/2 BPSK	270	0		16.65			
100	QPSK	1	1		16.71		17.7	0.0
100	QPSK	1	137		16.70			
100	QPSK	1	271		16.57			
100	QPSK	135	0		16.52		17.7	0.0
100	QPSK	135	69		16.68		17.7	0.0
100	QPSK	135	138		16.46		17.7	0.0
100	QPSK	270	0		16.65			
100	16QAM	1	1		16.57		17.7	0.0
100	64QAM	1	1		16.60		17.7	0.0
100	256QAM	1	1		16.70		17.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.60	16.57	16.62	17.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.64	16.68	16.68	17.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.61	16.61	16.60	17.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.68	16.64	16.66	17.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.59	16.61	16.62	17.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.67	16.61	16.58	17.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.64	16.66	16.68	17.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.59	16.60	16.68	17.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.63	16.65	16.62	17.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.62	16.64	16.67	17.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.57	16.62	16.57	17.7	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.62		20.7	0.0
100	PI/2 BPSK	1	137		19.70			
100	PI/2 BPSK	1	271		19.70			
100	PI/2 BPSK	135	0		19.69		20.7	0.0
100	PI/2 BPSK	135	69		19.64		20.7	0.0
100	PI/2 BPSK	135	138		19.64		20.7	0.0
100	PI/2 BPSK	270	0		19.65			
100	QPSK	1	1		19.75		20.7	0.0
100	QPSK	1	137		19.70			
100	QPSK	1	271		19.60			
100	QPSK	135	0		19.56		20.7	0.0
100	QPSK	135	69		19.72		20.7	0.0
100	QPSK	135	138		19.52		20.7	0.0
100	QPSK	270	0		19.70			
100	16QAM	1	1		19.52		20.7	0.0
100	64QAM	1	1		19.55		20.7	0.0
100	256QAM	1	1		19.62		20.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.69	19.69	19.72	20.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.72	19.69	19.64	20.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.71	19.72	19.67	20.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.66	19.62	19.72	20.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.69	19.64	19.63	20.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.66	19.64	19.67	20.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.62	19.70	19.62	20.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.70	19.63	19.72	20.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.73	19.66	19.62	20.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.68	19.63	19.66	20.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.67	19.68	19.68	20.7	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.46		17.7	0.0
100	PI/2 BPSK	1	137		16.57			
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.51		17.7	0.0
100	PI/2 BPSK	135	69		16.51		17.7	0.0
100	PI/2 BPSK	135	138		16.52		17.7	0.0
100	PI/2 BPSK	270	0		16.63			
100	QPSK	1	1		16.65		17.7	0.0
100	QPSK	1	137		16.60			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.49		17.7	0.0
100	QPSK	135	69		16.58		17.7	0.0
100	QPSK	135	138		16.33		17.7	0.0
100	QPSK	270	0		16.57			
100	16QAM	1	1		16.52		17.7	0.0
100	64QAM	1	1		16.53		17.7	0.0
100	256QAM	1	1		16.62		17.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.54	16.50	16.54	17.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.47	16.51	16.49	17.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.53	16.57	16.52	17.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.48	16.50	16.54	17.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.47	16.54	16.49	17.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.50	16.54	16.56	17.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.49	16.46	16.58	17.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.57	16.48	16.52	17.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.47	16.48	16.54	17.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.49	16.51	16.57	17.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.56	16.46	16.47	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.57		20.7	0.0
100	PI/2 BPSK	1	137		19.59			
100	PI/2 BPSK	1	271		19.64			
100	PI/2 BPSK	135	0		19.62		20.7	0.0
100	PI/2 BPSK	135	69		19.54		20.7	0.0
100	PI/2 BPSK	135	138		19.50		20.7	0.0
100	PI/2 BPSK	270	0		19.62			
100	QPSK	1	1		19.71		20.7	0.0
100	QPSK	1	137		19.66			
100	QPSK	1	271		19.57			
100	QPSK	135	0		19.43		20.7	0.0
100	QPSK	135	69		19.63		20.7	0.0
100	QPSK	135	138		19.39		20.7	0.0
100	QPSK	270	0		19.59			
100	16QAM	1	1		19.48		20.7	0.0
100	64QAM	1	1		19.50		20.7	0.0
100	256QAM	1	1		19.50		20.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.62	19.58	19.66	20.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.65	19.63	19.60	20.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.66	19.63	19.67	20.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.60	19.64	19.60	20.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.65	19.64	19.58	20.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.67	19.58	19.65	20.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.63	19.62	19.64	20.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.62	19.59	19.68	20.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.62	19.58	19.60	20.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.62	19.57	19.61	20.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.63	19.64	19.60	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.49		17.7	0.0
100	PI/2 BPSK	1	137		16.53			
100	PI/2 BPSK	1	271		16.58			
100	PI/2 BPSK	135	0		16.53		17.7	0.0
100	PI/2 BPSK	135	69		16.53		17.7	0.0
100	PI/2 BPSK	135	138		16.60		17.7	0.0
100	PI/2 BPSK	270	0		16.52			
100	QPSK	1	1		16.62		17.7	0.0
100	QPSK	1	137		16.56			
100	QPSK	1	271		16.46			
100	QPSK	135	0		16.38		17.7	0.0
100	QPSK	135	69		16.55		17.7	0.0
100	QPSK	135	138		16.43		17.7	0.0
100	QPSK	270	0		16.61			
100	16QAM	1	1		16.45		17.7	0.0
100	64QAM	1	1		16.50		17.7	0.0
100	256QAM	1	1		16.61		17.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.52	16.41	16.41	17.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.51	16.39	16.42	17.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.47	16.47	16.47	17.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.45	16.39	16.52	17.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.43	16.38	16.46	17.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.47	16.44	16.46	17.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.50	16.43	16.48	17.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.50	16.47	16.43	17.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.45	16.37	16.43	17.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.44	16.41	16.47	17.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.44	16.48	16.51	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.56		20.7	0.0
100	PI/2 BPSK	1	137		19.68			
100	PI/2 BPSK	1	271		19.67			
100	PI/2 BPSK	135	0		19.62		20.7	0.0
100	PI/2 BPSK	135	69		19.59		20.7	0.0
100	PI/2 BPSK	135	138		19.54		20.7	0.0
100	PI/2 BPSK	270	0		19.57			
100	QPSK	1	1		19.72		20.7	0.0
100	QPSK	1	137		19.59			
100	QPSK	1	271		19.57			
100	QPSK	135	0		19.45		20.7	0.0
100	QPSK	135	69		19.58		20.7	0.0
100	QPSK	135	138		19.47		20.7	0.0
100	QPSK	270	0		19.65			
100	16QAM	1	1		19.46		20.7	0.0
100	64QAM	1	1		19.45		20.7	0.0
100	256QAM	1	1		19.54		20.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.60	19.61	19.64	20.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.68	19.58	19.66	20.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.67	19.69	19.59	20.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.67	19.59	19.65	20.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.67	19.66	19.63	20.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.63	19.63	19.62	20.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.59	19.64	19.61	20.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.62	19.69	19.66	20.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.64	19.67	19.60	20.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.64	19.61	19.65	20.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.66	19.67	19.65	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.67	23.77	23.64	25.0	0.0
40	PI/2 BPSK	1	53	23.62	23.72	23.62		
40	PI/2 BPSK	1	104	23.69	23.78	23.69		
40	PI/2 BPSK	50	0	23.73	23.80	23.69	25.0	0.0
40	PI/2 BPSK	50	28	23.62	23.74	23.64	25.0	0.0
40	PI/2 BPSK	50	56	23.61	23.66	23.58	25.0	0.0
40	PI/2 BPSK	100	0	23.63	23.75	23.72		
40	QPSK	1	1	23.75	23.86	23.69	25.0	0.0
40	QPSK	1	53	23.79	23.83	23.80		
40	QPSK	1	104	23.78	23.83	23.76		
40	QPSK	50	0	23.69	23.82	23.72	25.0	0.0
40	QPSK	50	28	23.74	23.83	23.69	25.0	0.0
40	QPSK	50	56	23.63	23.71	23.61	25.0	0.0
40	QPSK	100	0	23.72	23.78	23.67		
40	16QAM	1	1	23.74	23.77	23.66	25.0	0.0
40	64QAM	1	1	22.90	22.99	22.91	24.0	1.0
40	256QAM	1	1	21.31	21.37	21.29	23.0	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.65	23.80	23.56	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.70	23.80	23.66	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.63	23.75	23.65	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.65	23.77	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.32	23.40	23.28	25.0	0.0
100	PI/2 BPSK	1	137	23.42	23.55	23.47		
100	PI/2 BPSK	1	271	23.40	23.48	23.39		
100	PI/2 BPSK	135	0	23.33	23.44	23.38	25.0	0.0
100	PI/2 BPSK	135	69	23.41	23.54	23.41	25.0	0.0
100	PI/2 BPSK	135	138	23.51	23.55	23.45	25.0	0.0
100	PI/2 BPSK	270	0	23.44	23.51	23.45		
100	QPSK	1	1	23.35	23.61	23.38	25.0	0.0
100	QPSK	1	137	23.46	23.48	23.41		
100	QPSK	1	271	23.48	23.55	23.52		
100	QPSK	135	0	23.33	23.42	23.34	25.0	0.0
100	QPSK	135	69	23.45	23.53	23.46	25.0	0.0
100	QPSK	135	138	23.39	23.51	23.46	25.0	0.0
100	QPSK	270	0	23.35	23.47	23.40		
100	16QAM	1	1	23.15	23.29	23.21	25.0	0.0
100	64QAM	1	1	23.11	23.23	23.11	25.0	0.0
100	256QAM	1	1	22.88	22.92	22.86	24.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.28	23.55	23.34	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.25	23.54	23.28	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.30	23.57	23.29	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.21	23.51	23.28	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.28	23.47	23.27	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.27	23.55	23.28	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.25	23.47	23.34	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.23	23.48	23.29	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.29	23.57	23.33	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.22	23.58	23.32	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.38	26.42	26.35	28.0	0.0
100	PI/2 BPSK	1	137	26.46	26.49	26.37		
100	PI/2 BPSK	1	271	26.39	26.47	26.34		
100	PI/2 BPSK	135	0	26.35	26.46	26.38	27.5	0.5
100	PI/2 BPSK	135	69	26.36	26.41	26.35	28.0	0.0
100	PI/2 BPSK	135	138	26.48	26.51	26.45	27.5	0.5
100	PI/2 BPSK	270	0	26.45	26.53	26.50		
100	QPSK	1	1	26.32	26.54	26.27	28.0	0.0
100	QPSK	1	137	26.34	26.47	26.34		
100	QPSK	1	271	26.41	26.50	26.40		
100	QPSK	135	0	26.03	26.16	26.14	27.0	1.0
100	QPSK	135	69	26.42	26.50	26.40	28.0	0.0
100	QPSK	135	138	26.38	26.42	26.38	27.0	1.0
100	QPSK	270	0	25.38	25.50	25.41		
100	16QAM	1	1	25.95	26.04	25.95	27.0	1.0
100	64QAM	1	1	24.56	24.60	24.46	25.5	2.5
100	256QAM	1	1	22.94	22.96	22.89	23.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.22	26.47	26.16	28.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	26.29	26.47	26.14	28.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.29	26.45	26.22	28.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.19	26.51	26.14	28.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.25	26.45	26.22	28.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.22	26.51	26.20	28.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.24	26.43	26.15	28.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.23	26.46	26.15	28.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.19	26.41	26.25	28.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.20	26.47	26.18	28.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.96	24.05	23.74	25.0	0.0
40	PI/2 BPSK	1	53	23.93	24.04	23.69		
40	PI/2 BPSK	1	104	23.98	24.04	23.77		
40	PI/2 BPSK	50	0	23.54	23.61	23.31	24.5	0.5
40	PI/2 BPSK	50	28	23.95	24.06	23.75	25.0	0.0
40	PI/2 BPSK	50	56	23.53	23.56	23.33	24.5	0.5
40	PI/2 BPSK	100	0	23.55	23.60	23.27		
40	QPSK	1	1	24.05	24.08	23.81	25.0	0.0
40	QPSK	1	53	23.97	24.01	23.69		
40	QPSK	1	104	24.00	23.94	23.68		
40	QPSK	50	0	23.34	23.40	23.40	24.0	1.0
40	QPSK	50	28	23.95	24.07	24.02	25.0	0.0
40	QPSK	50	56	23.35	23.40	23.32	24.0	1.0
40	QPSK	100	0	23.34	23.45	23.40		
40	16QAM	1	1	23.33	23.42	23.34	24.0	1.0
40	64QAM	1	1	21.94	22.01	21.94	22.5	2.5
40	256QAM	1	1	20.10	20.15	20.03	20.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.93	23.99	23.77	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.96	23.96	23.74	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.91	24.06	23.67	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.89	21.21	20.92	22.0	0.0
100	PI/2 BPSK	1	137	20.90	21.22	20.93		
100	PI/2 BPSK	1	271	20.87	21.23	20.96		
100	PI/2 BPSK	135	0	20.42	20.76	20.47	21.5	0.5
100	PI/2 BPSK	135	69	20.91	21.19	20.88	22.0	0.0
100	PI/2 BPSK	135	138	20.43	20.76	20.54	21.5	0.5
100	PI/2 BPSK	270	0	20.47	20.79	20.49		
100	QPSK	1	1	20.95	21.25	20.99	22.0	0.0
100	QPSK	1	137	20.82	21.22	20.94		
100	QPSK	1	271	20.83	21.11	20.86		
100	QPSK	135	0	20.39	20.38	20.40	21.0	1.0
100	QPSK	135	69	21.07	21.20	21.12	22.0	0.0
100	QPSK	135	138	20.37	20.34	20.42	21.0	1.0
100	QPSK	270	0	20.36	20.47	20.45		
100	16QAM	1	1	20.02	20.13	20.07	21.0	1.0
100	64QAM	1	1	17.97	18.10	18.05	19.5	2.5
100	256QAM	1	1	16.67	16.74	16.63	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.86	21.12	20.89	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.84	21.16	20.91	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.81	21.19	20.96	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.91	21.16	20.92	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.90	21.18	20.91	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.87	21.15	20.86	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.81	21.14	20.96	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.91	21.19	20.92	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.85	21.21	20.86	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.90	21.16	20.93	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.82	21.17	20.85	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.89	21.21	20.92	22.0	0.0
100	PI/2 BPSK	1	137	20.90	21.22	20.93		
100	PI/2 BPSK	1	271	20.87	21.23	20.96		
100	PI/2 BPSK	135	0	20.42	20.76	20.47	21.5	0.5
100	PI/2 BPSK	135	69	20.91	21.19	20.88	22.0	0.0
100	PI/2 BPSK	135	138	20.43	20.76	20.54	21.5	0.5
100	PI/2 BPSK	270	0	20.47	20.79	20.49		
100	QPSK	1	1	20.95	21.25	20.99	22.0	0.0
100	QPSK	1	137	20.82	21.22	20.94		
100	QPSK	1	271	20.83	21.11	20.86		
100	QPSK	135	0	20.39	20.38	20.40	21.0	1.0
100	QPSK	135	69	21.07	21.20	21.12	22.0	0.0
100	QPSK	135	138	20.37	20.34	20.42	21.0	1.0
100	QPSK	270	0	20.36	20.47	20.45		
100	16QAM	1	1	20.02	20.13	20.07	21.0	1.0
100	64QAM	1	1	17.97	18.10	18.05	19.5	2.5
100	256QAM	1	1	16.67	16.74	16.63	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.86	21.12	20.89	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.84	21.16	20.91	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.81	21.19	20.96	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.91	21.16	20.92	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.90	21.18	20.91	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.87	21.15	20.86	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.81	21.14	20.96	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.91	21.19	20.92	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.85	21.21	20.86	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.90	21.16	20.93	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.82	21.17	20.85	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.80		24.0	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.45		23.5	0.5
100	PI/2 BPSK	135	69		22.88		24.0	0.0
100	PI/2 BPSK	135	138		22.41		23.5	0.5
100	PI/2 BPSK	270	0		22.34			
100	QPSK	1	1		22.90		24.0	0.0
100	QPSK	1	137		22.86			
100	QPSK	1	271		22.86			
100	QPSK	135	0		20.34		22.0	2.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		20.33		22.0	2.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.30		22.0	2.0
100	64QAM	1	1		19.72		21.5	2.5
100	256QAM	1	1		18.15		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.81	22.81	22.86	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.77	22.84	22.86	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.78	22.80	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.81	22.79	22.86	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.77	22.79	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.85	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.85	22.77	22.77	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.82	22.81	22.81	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.84	22.87	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.83	22.87	22.82	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.81	22.77	22.83	24.0	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.80		24.0	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.45		23.5	0.5
100	PI/2 BPSK	135	69		22.88		24.0	0.0
100	PI/2 BPSK	135	138		22.41		23.5	0.5
100	PI/2 BPSK	270	0		22.34			
100	QPSK	1	1		22.90		24.0	0.0
100	QPSK	1	137		22.86			
100	QPSK	1	271		22.86			
100	QPSK	135	0		20.34		22.0	2.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		20.33		22.0	2.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.30		22.0	2.0
100	64QAM	1	1		19.72		21.5	2.5
100	256QAM	1	1		18.15		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.81	22.81	22.86	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.77	22.84	22.86	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.78	22.80	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.81	22.79	22.86	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.77	22.79	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.85	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.85	22.77	22.77	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.82	22.81	22.81	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.84	22.87	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.83	22.87	22.82	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.81	22.77	22.83	24.0	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		21.5	0.5
100	PI/2 BPSK	135	69		20.42		22.0	0.0
100	PI/2 BPSK	135	138		19.97		21.5	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		22.0	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.50		21.0	1.0
100	QPSK	135	69		20.42		22.0	0.0
100	QPSK	135	138		19.44		21.0	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		21.0	1.0
100	64QAM	1	1		18.25		19.5	2.5
100	256QAM	1	1		16.33		17.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.82	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	22.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		21.5	0.5
100	PI/2 BPSK	135	69		20.42		22.0	0.0
100	PI/2 BPSK	135	138		19.97		21.5	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		22.0	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.50		21.0	1.0
100	QPSK	135	69		20.42		22.0	0.0
100	QPSK	135	138		19.44		21.0	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		21.0	1.0
100	64QAM	1	1		18.25		19.5	2.5
100	256QAM	1	1		16.33		17.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	22.0	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	24.0	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	24.0	0.0

Reduced Power Mode for DSI 3

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.21	18.20	18.21	19.3	0.0
20	PI/2 BPSK	1	53	18.20	18.23	18.23		
20	PI/2 BPSK	1	104	18.19	18.18	18.16		
20	PI/2 BPSK	50	0	18.17	18.14	18.14	19.3	0.0
20	PI/2 BPSK	50	28	18.16	18.17	18.13	19.3	0.0
20	PI/2 BPSK	50	56	18.16	18.25	18.20	19.3	0.0
20	PI/2 BPSK	100	0	18.13	18.16	18.25		
20	QPSK	1	1	18.19	18.29	18.21	19.3	0.0
20	QPSK	1	53	18.15	18.17	18.20		
20	QPSK	1	104	18.19	18.16	18.21		
20	QPSK	50	0	18.13	18.24	18.18	19.3	0.0
20	QPSK	50	28	18.18	18.14	18.23	19.3	0.0
20	QPSK	50	56	18.21	18.21	18.14	19.3	0.0
20	QPSK	100	0	18.23	18.26	18.13		
20	16QAM	1	1	18.15	18.15	18.15	19.3	0.0
20	64QAM	1	1	18.22	18.14	18.24	19.3	0.0
20	256QAM	1	1	18.17	18.25	18.18	19.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.12	18.17	18.16	19.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.10	18.25	18.13	19.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.06	18.19	18.15	19.3	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.07	23.34	23.29	24.0	0.0
20	PI/2 BPSK	1	53	22.79	23.23	23.20		
20	PI/2 BPSK	1	104	22.44	23.27	23.18		
20	PI/2 BPSK	50	0	23.11	23.22	23.17	24.0	0.0
20	PI/2 BPSK	50	28	23.29	23.30	23.28	24.0	0.0
20	PI/2 BPSK	50	56	23.07	23.10	23.04	24.0	0.0
20	PI/2 BPSK	100	0	22.79	23.17	23.04		
20	QPSK	1	1	23.27	23.37	23.18	24.0	0.0
20	QPSK	1	53	23.19	23.22	23.03		
20	QPSK	1	104	23.20	23.31	23.07		
20	QPSK	50	0	23.15	23.24	23.08	24.0	0.0
20	QPSK	50	28	23.14	23.27	23.12	24.0	0.0
20	QPSK	50	56	22.99	23.00	23.03	24.0	0.0
20	QPSK	100	0	23.02	23.14	23.00		
20	16QAM	1	1	23.00	23.07	23.07	24.0	0.0
20	64QAM	1	1	22.74	22.79	22.79	24.0	0.0
20	256QAM	1	1	20.33	20.44	20.44	22.0	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.21	23.32	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.31	23.09	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	23.12	23.32	23.06	24.0	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.21	23.36	23.25	24.0	0.0
15	PI/2 BPSK	1	40	23.28	23.26	23.31		
15	PI/2 BPSK	1	77	23.24	23.22	23.23		
15	PI/2 BPSK	36	0	23.20	23.28	23.15	24.0	0.0
15	PI/2 BPSK	36	22	23.31	23.21	23.27	24.0	0.0
15	PI/2 BPSK	36	43	23.32	23.22	23.20	24.0	0.0
15	PI/2 BPSK	75	0	23.22	23.36	23.21		
15	QPSK	1	1	23.32	23.51	23.30	24.0	0.0
15	QPSK	1	40	23.23	23.45	23.20		
15	QPSK	1	77	23.19	23.38	23.16		
15	QPSK	36	0	23.24	23.29	23.19	24.0	0.0
15	QPSK	36	22	23.21	23.36	23.19	24.0	0.0
15	QPSK	36	43	23.32	23.32	23.34	24.0	0.0
15	QPSK	75	0	23.25	23.41	23.30		
15	16QAM	1	1	23.06	23.13	23.09	24.0	0.0
15	64QAM	1	1	22.83	22.90	22.86	24.0	0.0
	256QAM	1	1	20.69	20.75	20.63	22.0	2.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.23	23.35	23.15	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.15	23.34	23.00	24.0	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.11		24.0	0.0
10	PI/2 BPSK	1	26		22.99			
10	PI/2 BPSK	1	50		22.96			
10	PI/2 BPSK	25	0		23.11		24.0	0.0
10	PI/2 BPSK	25	14		22.96		24.0	0.0
10	PI/2 BPSK	25	27		23.01		24.0	0.0
10	PI/2 BPSK	50	0		23.14			
10	QPSK	1	1		23.15		24.0	0.0
10	QPSK	1	26		23.08			
10	QPSK	1	50		22.98			
10	QPSK	25	0		23.02		24.0	0.0
10	QPSK	25	14		23.06		24.0	0.0
10	QPSK	25	27		22.98		24.0	0.0
10	QPSK	50	0		23.12			
10	16QAM	1	1		23.14		24.0	0.0
10	64QAM	1	1		23.00		24.0	0.0
10	256QAM	1	1		20.17		22.0	2.0
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.01	23.08	23.09	24.0	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.23	18.22	18.22	19.3	0.0
40	PI/2 BPSK	1	108	18.28	18.22	18.27		
40	PI/2 BPSK	1	214	18.18	18.23	18.18		
40	PI/2 BPSK	108	0	18.19	18.19	18.19	19.3	0.0
40	PI/2 BPSK	108	54	18.17	18.19	18.20	19.3	0.0
40	PI/2 BPSK	108	108	18.18	18.17	18.28	19.3	0.0
40	PI/2 BPSK	216	0	18.24	18.25	18.21		
40	QPSK	1	1	18.24	18.36	18.20	19.3	0.0
40	QPSK	1	108	18.18	18.20	18.17		
40	QPSK	1	214	18.18	18.19	18.20		
40	QPSK	108	0	18.24	18.26	18.24	19.3	0.0
40	QPSK	108	54	18.20	18.33	18.19	19.3	0.0
40	QPSK	108	108	18.21	18.20	18.17	19.3	0.0
40	QPSK	216	0	18.21	18.29	18.21		
40	16QAM	1	1	18.22	18.19	18.21	19.3	0.0
40	64QAM	1	1	18.26	18.25	18.28	19.3	0.0
40	256QAM	1	1	18.29	18.21	18.26	19.3	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	18.03	18.05	18.11	19.3	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.12	18.21	18.05	19.3	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.17	18.26	18.13	19.3	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.09	18.22	18.05	19.3	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.17	18.26	18.09	19.3	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.17	18.20	18.06	19.3	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.20	18.28	18.16	19.3	0.0

n26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.25	23.31	23.27	24.0	0.0
20	PI/2 BPSK	1	53	23.26	23.25	23.27		
20	PI/2 BPSK	1	104	23.24	23.17	23.17		
20	PI/2 BPSK	50	0	23.18	23.30	23.15	24.0	0.0
20	PI/2 BPSK	50	28	23.16	23.26	23.15	24.0	0.0
20	PI/2 BPSK	50	56	23.23	23.14	23.16	24.0	0.0
20	PI/2 BPSK	100	0	23.20	23.29	23.19		
20	QPSK	1	1	23.17	23.35	23.21	24.0	0.0
20	QPSK	1	53	23.18	23.18	23.06		
20	QPSK	1	104	23.07	23.13	23.07		
20	QPSK	50	0	23.07	23.18	23.11	24.0	0.0
20	QPSK	50	28	23.17	23.23	23.21	24.0	0.0
20	QPSK	50	56	23.16	23.18	23.14	24.0	0.0
20	QPSK	100	0	23.14	23.24	23.13		
20	16QAM	1	1	23.27	23.34	23.23	24.0	0.0
20	64QAM	1	1	22.38	22.51	22.36	23.0	1.0
20	256QAM	1	1	20.25	20.35	20.30	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.08	23.29	23.08	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.10	23.24	23.05	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	23.01	23.20	23.14	24.0	0.0

n66								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.49	18.48	18.47	19.6	0.0
40	PI/2 BPSK	1	108	18.43	18.46	18.39		
40	PI/2 BPSK	1	214	18.46	18.41	18.46		
40	PI/2 BPSK	108	0	18.44	18.50	18.46	19.6	0.0
40	PI/2 BPSK	108	54	18.44	18.46	18.48	19.6	0.0
40	PI/2 BPSK	108	108	18.47	18.46	18.44	19.6	0.0
40	PI/2 BPSK	216	0	18.38	18.47	18.49		
40	QPSK	1	1	18.40	18.81	18.48	19.6	0.0
40	QPSK	1	108	18.50	18.42	18.46		
40	QPSK	1	214	18.49	18.40	18.40		
40	QPSK	108	0	18.45	18.41	18.47	19.6	0.0
40	QPSK	108	54	18.41	18.77	18.48	19.6	0.0
40	QPSK	108	108	18.40	18.40	18.44	19.6	0.0
40	QPSK	216	0	18.41	18.44	18.43		
40	16QAM	1	1	18.48	18.47	18.41	19.6	0.0
40	64QAM	1	1	18.43	18.46	18.49	19.6	0.0
40	256QAM	1	1	18.41	18.38	18.45	19.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.24	18.36	18.35	19.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.34	18.44	18.41	19.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.30	18.46	18.41	19.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.31	18.40	18.32	19.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.32	18.49	18.36	19.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.30	18.40	18.42	19.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.35	18.39	18.37	19.6	0.0

n70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		19.86		20.8	0.0
15	PI/2 BPSK	1	40		19.86			
15	PI/2 BPSK	1	77		19.95			
15	PI/2 BPSK	36	0		19.87		20.8	0.0
15	PI/2 BPSK	36	22		19.97		20.8	0.0
15	PI/2 BPSK	36	43		19.87		20.8	0.0
15	PI/2 BPSK	75	0		19.86			
15	QPSK	1	1		20.01		20.8	0.0
15	QPSK	1	40		19.86			
15	QPSK	1	77		19.93			
15	QPSK	36	0		19.93		20.8	0.0
15	QPSK	36	22		19.95		20.8	0.0
15	QPSK	36	43		19.88		20.8	0.0
15	QPSK	75	0		19.90			
15	16QAM	1	1		19.89		20.8	0.0
15	64QAM	1	1		19.87		20.8	0.0
	256QAM	1	1		19.89		20.8	0.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	19.90	19.93	19.87	20.8	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	19.86	19.95	19.89	20.8	0.0

n71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.53	23.64	23.59	24.0	0.0
20	PI/2 BPSK	1	53	23.52	23.56	23.58		
20	PI/2 BPSK	1	104	23.52	23.55	23.55		
20	PI/2 BPSK	50	0	23.68	23.74	23.63	24.0	0.0
20	PI/2 BPSK	50	28	23.49	23.53	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.74	23.73	23.68	24.0	0.0
20	PI/2 BPSK	100	0	23.69	23.81	23.66		
20	QPSK	1	1	23.71	23.84	23.80	24.0	0.0
20	QPSK	1	53	23.65	23.78	23.74		
20	QPSK	1	104	23.58	23.71	23.68		
20	QPSK	50	0	23.54	23.59	23.53	24.0	0.0
20	QPSK	50	28	23.70	23.74	23.65	24.0	0.0
20	QPSK	50	56	23.67	23.62	23.62	24.0	0.0
20	QPSK	100	0	23.70	23.75	23.65		
20	16QAM	1	1	23.66	23.77	23.72	24.0	0.0
20	64QAM	1	1	23.11	23.23	23.13	24.0	0.0
20	256QAM	1	1	20.77	20.87	20.82	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.61	23.72	23.68	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.63	23.80	23.73	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.62	23.78	23.74	24.0	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.91	16.83	16.93	18.5	0.0
20	PI/2 BPSK	1	53	16.86	16.84	16.86		
20	PI/2 BPSK	1	104	16.90	16.93	16.90		
20	PI/2 BPSK	50	0	16.83	16.91	16.85	18.5	0.0
20	PI/2 BPSK	50	28	16.87	16.94	16.83	18.5	0.0
20	PI/2 BPSK	50	56	16.85	16.90	16.85	18.5	0.0
20	PI/2 BPSK	100	0	16.89	16.94	16.91		
20	QPSK	1	1	16.83	16.98	16.92	18.5	0.0
20	QPSK	1	53	16.94	16.86	16.84		
20	QPSK	1	104	16.86	16.88	16.84		
20	QPSK	50	0	16.82	16.86	16.90	18.5	0.0
20	QPSK	50	28	16.84	16.96	16.90	18.5	0.0
20	QPSK	50	56	16.86	16.94	16.87	18.5	0.0
20	QPSK	100	0	16.84	16.95	16.83		
20	16QAM	1	1	16.92	16.85	16.91	18.5	0.0
20	64QAM	1	1	16.88	16.87	16.87	18.5	0.0
20	256QAM	1	1	16.90	16.85	16.84	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.72	16.87	16.82	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.77	16.87	16.85	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.67	16.82	16.86	18.5	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.41	23.55	23.47	24.0	0.0
20	PI/2 BPSK	1	53	23.39	23.45	23.45		
20	PI/2 BPSK	1	104	23.43	23.44	23.41		
20	PI/2 BPSK	50	0	23.38	23.45	23.41	24.0	0.0
20	PI/2 BPSK	50	28	23.41	23.43	23.45	24.0	0.0
20	PI/2 BPSK	50	56	23.29	23.29	23.33	24.0	0.0
20	PI/2 BPSK	100	0	23.36	23.41	23.32		
20	QPSK	1	1	23.57	23.61	23.48	24.0	0.0
20	QPSK	1	53	23.43	23.46	23.32		
20	QPSK	1	104	23.51	23.48	23.41		
20	QPSK	50	0	23.42	23.47	23.32	24.0	0.0
20	QPSK	50	28	23.46	23.49	23.40	24.0	0.0
20	QPSK	50	56	23.32	23.37	23.30	24.0	0.0
20	QPSK	100	0	23.33	23.45	23.36		
20	16QAM	1	1	23.36	23.51	23.45	24.0	0.0
20	64QAM	1	1	22.55	22.60	22.44	23.0	1.0
20	256QAM	1	1	20.15	20.19	20.08	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.52	23.48	23.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.36	23.42	23.21	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	23.30	23.25	23.16	24.0	0.0

n7

BW [MHz]	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	13.74	13.75	13.78	15.1	0.0
50	PI/2 BPSK	1	135	13.82	13.75	13.78		
50	PI/2 BPSK	1	268	13.78	13.80	13.74		
50	PI/2 BPSK	135	0	13.78	13.81	13.74	15.1	0.0
50	PI/2 BPSK	135	68	13.78	13.82	13.85	15.1	0.0
50	PI/2 BPSK	135	135	13.83	13.80	13.77	15.1	0.0
50	PI/2 BPSK	270	0	13.76	13.80	13.78		
50	QPSK	1	1	13.73	13.89	13.80	15.1	0.0
50	QPSK	1	135	13.84	13.84	13.79		
50	QPSK	1	269	13.83	13.80	13.77		
50	QPSK	135	0	13.81	13.82	13.80	15.1	0.0
50	QPSK	135	68	13.76	13.86	13.83	15.1	0.0
50	QPSK	135	135	13.75	13.75	13.78	15.1	0.0
50	QPSK	270	0	13.77	13.78	13.77		
50	16QAM	1	1	13.81	13.78	13.83	15.1	0.0
50	64QAM	1	1	13.83	13.77	13.82	15.1	0.0
50	256QAM	1	1	13.83	13.83	13.82	15.1	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	13.63	13.82	13.66	15.1	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	13.64	13.76	13.68	15.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	13.58	13.82	13.66	15.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	13.66	13.79	13.75	15.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.64	13.73	13.72	15.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.57	13.78	13.72	15.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.63	13.82	13.72	15.1	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.58	23.68	23.58	24.0	0.0
15	PI/2 BPSK	1	40	23.57	23.59	23.57		
15	PI/2 BPSK	1	77	23.58	23.60	23.58		
15	PI/2 BPSK	36	0	23.19	23.27	23.16	24.0	0.0
15	PI/2 BPSK	36	22	23.57	23.56	23.61	24.0	0.0
15	PI/2 BPSK	36	43	23.27	23.25	23.28	24.0	0.0
15	PI/2 BPSK	75	0	23.27	23.28	23.29		
15	QPSK	1	1	23.62	23.79	23.67	24.0	0.0
15	QPSK	1	40	23.65	23.66	23.64		
15	QPSK	1	77	23.60	23.60	23.66		
15	QPSK	36	0	23.25	23.33	23.21	24.0	0.0
15	QPSK	36	22	23.60	23.68	23.54	24.0	0.0
15	QPSK	36	43	23.22	23.26	23.24	24.0	0.0
15	QPSK	75	0	23.26	23.35	23.24		
15	16QAM	1	1	23.43	23.53	23.45	24.0	0.0
15	64QAM	1	1	22.71	22.79	22.68	23.0	1.0
	256QAM	1	1	20.29	20.37	20.24	21.0	3.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.51	23.75	23.60	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.50	23.73	23.60	24.0	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		22.94		24.0	0.0
10	PI/2 BPSK	1	26		23.01			
10	PI/2 BPSK	1	50		22.99			
10	PI/2 BPSK	25	0		23.03		24.0	0.0
10	PI/2 BPSK	25	14		22.95		24.0	0.0
10	PI/2 BPSK	25	27		22.94		24.0	0.0
10	PI/2 BPSK	50	0		22.94			
10	QPSK	1	1		23.09		24.0	0.0
10	QPSK	1	26		22.94			
10	QPSK	1	50		23.03			
10	QPSK	25	0		22.99		24.0	0.0
10	QPSK	25	14		23.01		24.0	0.0
10	QPSK	25	27		22.96		24.0	0.0
10	QPSK	50	0		22.94			
10	16QAM	1	1		23.01		24.0	0.0
10	64QAM	1	1		22.48		23.5	0.5
10	256QAM	1	1		20.56		21.5	2.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	22.97	23.02	23.00	24.0	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.96	17.04	17.03	18.5	0.0
40	PI/2 BPSK	1	108	17.03	17.01	16.98		
40	PI/2 BPSK	1	214	17.04	17.04	17.05		
40	PI/2 BPSK	108	0	17.04	16.96	16.95	18.0	0.5
40	PI/2 BPSK	108	54	17.01	17.07	16.96	18.5	0.0
40	PI/2 BPSK	108	108	17.04	17.05	16.95	18.0	0.5
40	PI/2 BPSK	216	0	17.04	16.95	17.02		
40	QPSK	1	1	16.96	17.29	16.97	18.5	0.0
40	QPSK	1	108	16.98	17.02	17.04		
40	QPSK	1	214	17.03	17.07	16.98		
40	QPSK	108	0	17.01	16.97	16.99	18.5	0.0
40	QPSK	108	54	17.00	17.23	16.96	18.5	0.0
40	QPSK	108	108	16.98	16.96	17.02	18.5	0.0
40	QPSK	216	0	16.97	17.04	16.96		
40	16QAM	1	1	16.99	17.03	16.95	18.5	0.0
40	64QAM	1	1	16.98	16.98	17.00	18.5	0.0
40	256QAM	1	1	16.97	16.97	17.06	18.5	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	16.75	16.66	16.81	18.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.81	17.04	16.89	18.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.80	17.00	16.92	18.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.87	17.02	16.85	18.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.87	17.04	16.90	18.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.91	17.03	16.89	18.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.86	17.02	16.93	18.5	0.0

n26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.29	23.36	23.28	24.0	0.0
20	PI/2 BPSK	1	53	23.28	23.23	23.24		
20	PI/2 BPSK	1	104	23.27	23.27	23.25		
20	PI/2 BPSK	50	0	23.28	23.40	23.32	24.0	0.0
20	PI/2 BPSK	50	28	23.24	23.28	23.26	24.0	0.0
20	PI/2 BPSK	50	56	23.19	23.18	23.23	24.0	0.0
20	PI/2 BPSK	100	0	23.22	23.31	23.22		
20	QPSK	1	1	23.40	23.47	23.39	24.0	0.0
20	QPSK	1	53	23.32	23.38	23.28		
20	QPSK	1	104	23.33	23.36	23.27		
20	QPSK	50	0	23.24	23.33	23.23	24.0	0.0
20	QPSK	50	28	23.33	23.36	23.30	24.0	0.0
20	QPSK	50	56	23.16	23.17	23.18	24.0	0.0
20	QPSK	100	0	23.17	23.27	23.20		
20	16QAM	1	1	22.88	22.97	22.90	24.0	0.0
20	64QAM	1	1	22.25	22.37	22.26	23.0	1.0
20	256QAM	1	1	19.81	19.93	19.83	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.30	23.31	23.23	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.35	23.40	23.24	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	23.35	23.34	23.25	24.0	0.0

n30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		15.71		16.3	0.0
10	PI/2 BPSK	1	26		15.74			
10	PI/2 BPSK	1	50		15.69			
10	PI/2 BPSK	25	0		15.75		16.3	0.0
10	PI/2 BPSK	25	14		15.70		16.3	0.0
10	PI/2 BPSK	25	27		15.72		16.3	0.0
10	PI/2 BPSK	50	0		15.74			
10	QPSK	1	1		15.81		16.3	0.0
10	QPSK	1	26		15.77			
10	QPSK	1	50		15.71			
10	QPSK	25	0		15.72		16.3	0.0
10	QPSK	25	14		15.76		16.3	0.0
10	QPSK	25	27		15.68		16.3	0.0
10	QPSK	50	0		15.74			
10	16QAM	1	1		15.71		16.3	0.0
10	64QAM	1	1		15.71		16.3	0.0
10	256QAM	1	1		15.70		16.3	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	15.67	15.77	15.66	#REF!	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.15	19.20	19.22	19.8	0.0
40	PI/2 BPSK	1	108	19.24	19.20	19.14		
40	PI/2 BPSK	1	214	19.17	19.16	19.14		
40	PI/2 BPSK	108	0	19.16	19.18	19.16	19.8	0.0
40	PI/2 BPSK	108	54	19.16	19.18	19.15	19.8	0.0
40	PI/2 BPSK	108	108	19.19	19.22	19.14	19.8	0.0
40	PI/2 BPSK	216	0	19.20	19.17	19.21		
40	QPSK	1	1	19.23	19.31	19.25	19.8	0.0
40	QPSK	1	108	19.17	19.23	19.25		
40	QPSK	1	214	19.20	19.19	19.14		
40	QPSK	108	0	19.21	19.16	19.21	19.8	0.0
40	QPSK	108	54	19.22	19.29	19.18	19.8	0.0
40	QPSK	108	108	19.20	19.16	19.18	19.8	0.0
40	QPSK	216	0	19.23	19.24	19.21		
40	16QAM	1	1	19.13	19.21	19.15	19.8	0.0
40	64QAM	1	1	19.18	19.19	19.16	19.8	0.0
40	256QAM	1	1	19.23	19.17	19.20	19.8	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.02	19.12	19.15	19.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.09	19.20	19.13	19.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.14	19.13	19.14	19.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.07	19.24	19.18	19.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.08	19.23	19.18	19.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.08	19.20	19.15	19.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.09	19.20	19.16	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		20.89		22.2	0.0
15	PI/2 BPSK	1	40		20.89			
15	PI/2 BPSK	1	77		20.98			
15	PI/2 BPSK	36	0		20.94		22.2	0.0
15	PI/2 BPSK	36	22		20.90		22.2	0.0
15	PI/2 BPSK	36	43		21.00		22.2	0.0
15	PI/2 BPSK	75	0		20.89			
15	QPSK	1	1		21.05		22.2	0.0
15	QPSK	1	40		21.00			
15	QPSK	1	77		20.91			
15	QPSK	36	0		20.91		22.2	0.0
15	QPSK	36	22		20.93		22.2	0.0
15	QPSK	36	43		20.92		22.2	0.0
15	QPSK	75	0		20.95			
15	16QAM	1	1		20.99		22.2	0.0
15	64QAM	1	1		20.96		22.2	0.0
	256QAM	1	1		20.46		21.7	0.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	20.96	20.99	20.91	22.2	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	21.00	20.93	20.94	22.2	0.0

n71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.60	23.67	23.59		
20	PI/2 BPSK	1	53	23.63	23.65	23.63	24.0	0.0
20	PI/2 BPSK	1	104	23.60	23.59	23.65		
20	PI/2 BPSK	50	0	23.73	23.75	23.72	24.0	0.0
20	PI/2 BPSK	50	28	23.62	23.64	23.64	24.0	0.0
20	PI/2 BPSK	50	56	23.70	23.71	23.71	24.0	0.0
20	PI/2 BPSK	100	0	23.73	23.76	23.74		
20	QPSK	1	1	23.73	23.86	23.70		
20	QPSK	1	53	23.66	23.65	23.67	24.0	0.0
20	QPSK	1	104	23.68	23.66	23.65		
20	QPSK	50	0	23.61	23.68	23.65	24.0	0.0
20	QPSK	50	28	23.79	23.81	23.79	24.0	0.0
20	QPSK	50	56	23.65	23.67	23.65	24.0	0.0
20	QPSK	100	0	23.66	23.73	23.67		
20	16QAM	1	1	23.53	23.59	23.53	24.0	0.0
20	64QAM	1	1	22.62	22.70	22.65	23.0	1.0
20	256QAM	1	1	20.19	20.25	20.21	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.67	23.80	23.62	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.60	23.72	23.60	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.57	23.72	23.55	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	15.39	15.40	15.34	16.8	0.0
40	PI/2 BPSK	1	53	15.29	15.34	15.35		
40	PI/2 BPSK	1	104	15.38	15.33	15.37		
40	PI/2 BPSK	50	0	15.35	15.36	15.37	16.8	0.0
40	PI/2 BPSK	50	28	15.28	15.32	15.36	16.8	0.0
40	PI/2 BPSK	50	56	15.31	15.39	15.37	16.8	0.0
40	PI/2 BPSK	100	0	15.27	15.38	15.27		
40	QPSK	1	1	15.31	15.54	15.32	16.8	0.0
40	QPSK	1	53	15.40	15.34	15.30		
40	QPSK	1	104	15.29	15.39	15.38		
40	QPSK	50	0	15.29	15.39	15.33	16.8	0.0
40	QPSK	50	28	15.30	15.41	15.34	16.8	0.0
40	QPSK	50	56	15.31	15.32	15.27	16.8	0.0
40	QPSK	100	0	15.29	15.39	15.37		
40	16QAM	1	1	15.40	15.40	15.40	16.8	0.0
40	64QAM	1	1	15.27	15.29	15.37	16.8	0.0
40	256QAM	1	1	15.38	15.28	15.30	16.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.16	15.50	15.17	16.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	15.16	15.37	15.18	16.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.16	15.51	15.20	16.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.14	15.49	15.19	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.65	15.66	15.60	16.8	0.0
100	PI/2 BPSK	1	137	15.55	15.60	15.61		
100	PI/2 BPSK	1	271	15.64	15.59	15.63		
100	PI/2 BPSK	135	0	15.61	15.62	15.63	16.8	0.0
100	PI/2 BPSK	135	69	15.54	15.58	15.62	16.8	0.0
100	PI/2 BPSK	135	138	15.57	15.65	15.63	16.8	0.0
100	PI/2 BPSK	270	0	15.53	15.64	15.53		
100	QPSK	1	1	15.57	15.80	15.58	16.8	0.0
100	QPSK	1	137	15.66	15.60	15.56		
100	QPSK	1	271	15.55	15.65	15.64		
100	QPSK	135	0	15.55	15.65	15.59	16.8	0.0
100	QPSK	135	69	15.56	15.67	15.60	16.8	0.0
100	QPSK	135	138	15.57	15.58	15.53	16.8	0.0
100	QPSK	270	0	15.55	15.65	15.63		
100	16QAM	1	1	15.66	15.66	15.66	16.8	0.0
100	64QAM	1	1	15.53	15.55	15.63	16.8	0.0
100	256QAM	1	1	15.64	15.54	15.56	16.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.51	15.69	15.44	16.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.55	15.64	15.48	16.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.51	15.62	15.49	16.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.42	15.74	15.55	16.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.41	15.74	15.54	16.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.54	15.77	15.43	16.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.46	15.65	15.46	16.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.44	15.71	15.45	16.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.53	15.63	15.50	16.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.50	15.66	15.41	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.51	18.53	18.50	19.8	0.0
100	PI/2 BPSK	1	137	18.56	18.54	18.58		
100	PI/2 BPSK	1	271	18.48	18.62	18.53		
100	PI/2 BPSK	135	0	18.62	18.50	18.52	19.8	0.0
100	PI/2 BPSK	135	69	18.61	18.50	18.50	19.8	0.0
100	PI/2 BPSK	135	138	18.55	18.56	18.58	19.8	0.0
100	PI/2 BPSK	270	0	18.58	18.59	18.56		
100	QPSK	1	1	18.60	18.65	18.54	19.8	0.0
100	QPSK	1	137	18.53	18.52	18.58		
100	QPSK	1	271	18.61	18.57	18.62		
100	QPSK	135	0	18.59	18.50	18.61	19.8	0.0
100	QPSK	135	69	18.52	18.62	18.57	19.8	0.0
100	QPSK	135	138	18.61	18.58	18.48	19.8	0.0
100	QPSK	270	0	18.59	18.62	18.52		
100	16QAM	1	1	18.47	18.56	18.61	19.8	0.0
100	64QAM	1	1	18.51	18.60	18.59	19.8	0.0
100	256QAM	1	1	18.51	18.52	18.60	19.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.44	18.57	18.46	19.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.44	18.55	18.42	19.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.47	18.59	18.49	19.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.55	18.49	18.48	19.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.57	18.57	18.51	19.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.45	18.61	18.47	19.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.44	18.53	18.47	19.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.49	18.51	18.42	19.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.46	18.60	18.41	19.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.49	18.49	18.52	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.39	14.81	14.54	16.0	0.0
40	PI/2 BPSK	1	53	14.41	14.80	14.54		
40	PI/2 BPSK	1	104	14.38	14.78	14.53		
40	PI/2 BPSK	50	0	14.45	14.81	14.63	16.0	0.0
40	PI/2 BPSK	50	28	14.34	14.78	14.41	16.0	0.0
40	PI/2 BPSK	50	56	14.40	14.81	14.50	16.0	0.0
40	PI/2 BPSK	100	0	14.40	14.65	14.45		
40	QPSK	1	1	14.38	14.82	14.53	16.0	0.0
40	QPSK	1	53	14.22	14.70	14.46		
40	QPSK	1	104	14.22	14.66	14.42		
40	QPSK	50	0	14.25	14.75	14.45	16.0	0.0
40	QPSK	50	28	14.30	14.77	14.44	16.0	0.0
40	QPSK	50	56	14.27	14.70	14.37	16.0	0.0
40	QPSK	100	0	14.27	14.71	14.47		
40	16QAM	1	1	14.29	14.66	14.38	16.0	0.0
40	64QAM	1	1	13.44	13.83	13.58	15.0	1.0
40	256QAM	1	1	11.36	11.77	11.49	13.0	3.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.29	14.72	14.41	16.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	14.30	14.69	14.44	16.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.32	14.69	14.44	16.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.28	14.71	14.42	16.0	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	14.81	14.72	14.76	16.0	0.0
100	PI/2 BPSK	1	137	14.80	14.78	14.77		
100	PI/2 BPSK	1	271	14.79	14.76	14.75		
100	PI/2 BPSK	135	0	14.77	14.84	14.78	16.0	0.0
100	PI/2 BPSK	135	69	14.84	14.73	14.82	16.0	0.0
100	PI/2 BPSK	135	138	14.76	14.74	14.79	16.0	0.0
100	PI/2 BPSK	270	0	14.75	14.80	14.79		
100	QPSK	1	1	14.77	14.88	14.73	16.0	0.0
100	QPSK	1	137	14.75	14.81	14.79		
100	QPSK	1	271	14.80	14.73	14.76		
100	QPSK	135	0	14.77	14.77	14.73	16.0	0.0
100	QPSK	135	69	14.78	14.83	14.77	16.0	0.0
100	QPSK	135	138	14.78	14.81	14.73	16.0	0.0
100	QPSK	270	0	14.81	14.84	14.80		
100	16QAM	1	1	14.78	14.74	14.84	16.0	0.0
100	64QAM	1	1	14.72	14.77	14.77	16.0	0.0
100	256QAM	1	1	14.78	14.80	14.74	16.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.68	14.80	14.68	16.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.65	14.73	14.69	16.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.70	14.78	14.65	16.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.63	14.75	14.66	16.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.66	14.79	14.62	16.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.62	14.80	14.60	16.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.68	14.81	14.58	16.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.66	14.79	14.63	16.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.72	14.73	14.60	16.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.68	14.83	14.61	16.0	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	17.71	17.71	17.76	19.0	0.0
100	PI/2 BPSK	1	137	17.79	17.79	17.71		
100	PI/2 BPSK	1	271	17.70	17.71	17.74		
100	PI/2 BPSK	135	0	17.74	17.80	17.79	19.0	0.0
100	PI/2 BPSK	135	69	17.70	17.79	17.70	19.0	0.0
100	PI/2 BPSK	135	138	17.71	17.77	17.70	19.0	0.0
100	PI/2 BPSK	270	0	17.70	17.72	17.74		
100	QPSK	1	1	17.74	17.85	17.76	19.0	0.0
100	QPSK	1	137	17.79	17.79	17.75		
100	QPSK	1	271	17.70	17.72	17.70		
100	QPSK	135	0	17.78	17.70	17.70	19.0	0.0
100	QPSK	135	69	17.78	17.79	17.76	19.0	0.0
100	QPSK	135	138	17.73	17.71	17.75	19.0	0.0
100	QPSK	270	0	17.74	17.81	17.74		
100	16QAM	1	1	17.75	17.70	17.72	19.0	0.0
100	64QAM	1	1	17.70	17.73	17.70	19.0	0.0
100	256QAM	1	1	16.22	16.40	16.28	17.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.58	17.70	17.64	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.68	17.70	17.66	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.61	17.74	17.64	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.65	17.78	17.72	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.60	17.75	17.67	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.70	17.70	17.65	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.66	17.74	17.61	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.64	17.71	17.69	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.66	17.79	17.60	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.59	17.74	17.69	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.07	15.10	15.10	16.5	0.0
40	PI/2 BPSK	1	53	15.14	15.07	15.07		
40	PI/2 BPSK	1	104	15.05	15.03	15.12		
40	PI/2 BPSK	50	0	15.10	15.05	15.11	16.5	0.0
40	PI/2 BPSK	50	28	15.04	15.11	15.02	16.5	0.0
40	PI/2 BPSK	50	56	15.07	15.03	15.14	16.5	0.0
40	PI/2 BPSK	100	0	15.12	15.05	15.12		
40	QPSK	1	1	15.02	15.28	15.05	16.5	0.0
40	QPSK	1	53	15.09	15.13	15.10		
40	QPSK	1	104	15.03	15.06	15.04		
40	QPSK	50	0	15.13	15.06	15.02	16.5	0.0
40	QPSK	50	28	15.11	15.22	15.12	16.5	0.0
40	QPSK	50	56	15.11	15.08	15.03	16.5	0.0
40	QPSK	100	0	15.03	15.12	15.09		
40	16QAM	1	1	15.03	15.07	15.07	16.5	0.0
40	64QAM	1	1	15.11	15.03	15.13	16.5	0.0
40	256QAM	1	1	15.04	15.06	15.08	16.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.94	15.06	14.90	16.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.90	15.03	14.95	16.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.88	15.03	14.94	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.80	13.79	13.77	15.0	0.0
100	PI/2 BPSK	1	137	13.74	13.76	13.77		
100	PI/2 BPSK	1	271	13.77	13.77	13.81		
100	PI/2 BPSK	135	0	13.72	13.82	13.82	15.0	0.0
100	PI/2 BPSK	135	69	13.72	13.82	13.79	15.0	0.0
100	PI/2 BPSK	135	138	13.71	13.76	13.72	15.0	0.0
100	PI/2 BPSK	270	0	13.76	13.79	13.74		
100	QPSK	1	1	13.75	13.87	13.82	15.0	0.0
100	QPSK	1	137	13.81	13.73	13.72		
100	QPSK	1	271	13.77	13.74	13.80		
100	QPSK	135	0	13.71	13.75	13.72	15.0	0.0
100	QPSK	135	69	13.76	13.82	13.76	15.0	0.0
100	QPSK	135	138	13.79	13.78	13.78	15.0	0.0
100	QPSK	270	0	13.79	13.80	13.74		
100	16QAM	1	1	13.78	13.73	13.79	15.0	0.0
100	64QAM	1	1	13.74	13.73	13.80	15.0	0.0
100	256QAM	1	1	13.81	13.79	13.71	15.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.68	13.73	13.75	15.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.67	13.81	13.76	15.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.69	13.82	13.71	15.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1				15.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.66	13.72	13.73	15.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.70	13.75	13.71	15.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.71	13.83	13.71	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	13.68	13.74	13.77	15.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.68	13.82	13.70	15.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.64	13.80	13.74	15.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.62	13.81	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	16.53	16.56	16.57	18.0	0.0
100	PI/2 BPSK	1	137	16.57	16.61	16.57		
100	PI/2 BPSK	1	271	16.62	16.55	16.50		
100	PI/2 BPSK	135	0	16.52	16.55	16.58	18.0	0.0
100	PI/2 BPSK	135	69	16.51	16.59	16.62	18.0	0.0
100	PI/2 BPSK	135	138	16.56	16.56	16.50	18.0	0.0
100	PI/2 BPSK	270	0	16.60	16.50	16.59		
100	QPSK	1	1	16.54	16.66	16.56	18.0	0.0
100	QPSK	1	137	16.51	16.55	16.60		
100	QPSK	1	271	16.59	16.55	16.59		
100	QPSK	135	0	16.58	16.58	16.54	18.0	0.0
100	QPSK	135	69	16.52	16.60	16.53	18.0	0.0
100	QPSK	135	138	16.55	16.48	16.52	18.0	0.0
100	QPSK	270	0	16.53	16.63	16.62		
100	16QAM	1	1	16.51	16.59	16.54	18.0	0.0
100	64QAM	1	1	16.50	16.57	16.59	18.0	0.0
100	256QAM	1	1	16.59	16.60	16.55	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.40	16.57	16.50	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.49	16.60	16.48	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.44	16.58	16.45	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.40	16.62	16.49	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.42	16.55	16.40	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.39	16.55	16.42	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.49	16.60	16.48	18.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.43	16.56	16.48	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.47	16.59	16.44	18.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.49	16.60	16.52	18.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.46	16.61	16.47	18.0	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.09		15.0	0.0
100	PI/2 BPSK	1	137		14.09			
100	PI/2 BPSK	1	271		14.10			
100	PI/2 BPSK	135	0		14.15		15.0	0.0
100	PI/2 BPSK	135	69		14.09		15.0	0.0
100	PI/2 BPSK	135	138		14.07		15.0	0.0
100	PI/2 BPSK	270	0		14.17			
100	QPSK	1	1		14.22		15.0	0.0
100	QPSK	1	137		14.11			
100	QPSK	1	271		14.09			
100	QPSK	135	0		14.14		15.0	0.0
100	QPSK	135	69		14.18		15.0	0.0
100	QPSK	135	138		14.12		15.0	0.0
100	QPSK	270	0		14.14			
100	16QAM	1	1		14.14		15.0	0.0
100	64QAM	1	1		14.11		15.0	0.0
100	256QAM	1	1		14.14		15.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.11	14.07	14.11	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.15	14.14	14.08	15.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.07	14.07	14.08	15.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.14	14.14	14.10	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.07	14.14	14.08	15.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.12	14.08	14.12	15.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.14	14.15	14.08	15.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.13	14.14	14.15	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.09	14.18	14.13	15.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.10	14.12	14.09	15.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.17	14.18	14.17	15.0	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.12		18.0	0.0
100	PI/2 BPSK	1	137		17.06			
100	PI/2 BPSK	1	271		17.09			
100	PI/2 BPSK	135	0		17.05		18.0	0.0
100	PI/2 BPSK	135	69		17.05		18.0	0.0
100	PI/2 BPSK	135	138		17.13		18.0	0.0
100	PI/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.19		18.0	0.0
100	QPSK	1	137		17.04			
100	QPSK	1	271		17.06			
100	QPSK	135	0		17.11		18.0	0.0
100	QPSK	135	69		17.15		18.0	0.0
100	QPSK	135	138		17.14		18.0	0.0
100	QPSK	270	0		17.09			
100	16QAM	1	1		17.12		18.0	0.0
100	64QAM	1	1		17.12		18.0	0.0
100	256QAM	1	1		17.15		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.03	17.04	17.03	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.10	17.10	17.11	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.10	17.12	17.07	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.12	17.05	17.08	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.12	17.11	17.04	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.10	17.11	17.09	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.14	17.08	17.07	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.03	17.12	17.07	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.04	17.09	17.13	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.13	17.07	17.03	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.05	17.08	17.11	18.0	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.66		15.0	0.0
100	PI/2 BPSK	1	137		13.61			
100	PI/2 BPSK	1	271		13.60			
100	PI/2 BPSK	135	0		13.70		15.0	0.0
100	PI/2 BPSK	135	69		13.66		15.0	0.0
100	PI/2 BPSK	135	138		13.62		15.0	0.0
100	PI/2 BPSK	270	0		13.61			
100	QPSK	1	1		13.79		15.0	0.0
100	QPSK	1	137		13.58			
100	QPSK	1	271		13.64			
100	QPSK	135	0		13.61		15.0	0.0
100	QPSK	135	69		13.76		15.0	0.0
100	QPSK	135	138		13.66		15.0	0.0
100	QPSK	270	0		13.65			
100	16QAM	1	1		13.62		15.0	0.0
100	64QAM	1	1		13.59		15.0	0.0
100	256QAM	1	1		13.66		15.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.71	13.72	13.71	15.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.75	13.66	13.73	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.73	13.69	13.63	15.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.64	13.67	13.64	15.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.70	13.64	13.68	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.69	13.70	13.74	15.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.64	13.65	13.65	15.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.69	13.75	13.72	15.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.74	13.67	13.73	15.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.63	13.68	13.74	15.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.71	13.66	13.72	15.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.85		18.0	0.0
100	PI/2 BPSK	1	137		16.93			
100	PI/2 BPSK	1	271		16.88			
100	PI/2 BPSK	135	0		16.90		18.0	0.0
100	PI/2 BPSK	135	69		16.83		18.0	0.0
100	PI/2 BPSK	135	138		16.83		18.0	0.0
100	PI/2 BPSK	270	0		16.85			
100	QPSK	1	1		16.99		18.0	0.0
100	QPSK	1	137		16.83			
100	QPSK	1	271		16.79			
100	QPSK	135	0		16.85		18.0	0.0
100	QPSK	135	69		16.86		18.0	0.0
100	QPSK	135	138		16.84		18.0	0.0
100	QPSK	270	0		16.94			
100	16QAM	1	1		16.94		18.0	0.0
100	64QAM	1	1		16.91		18.0	0.0
100	256QAM	1	1		16.85		18.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.89	16.84	16.92	18.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.93	16.88	16.91	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.91	16.89	16.92	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.92	16.90	16.88	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.85	16.84	16.89	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.89	16.83	16.83	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.87	16.86	16.85	18.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.86	16.94	16.88	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.88	16.83	16.94	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.87	16.94	16.94	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.91	16.88	16.86	18.0	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.36		15.0	0.0
100	PI/2 BPSK	1	137		14.43			
100	PI/2 BPSK	1	271		14.45			
100	PI/2 BPSK	135	0		14.51		15.0	0.0
100	PI/2 BPSK	135	69		14.39		15.0	0.0
100	PI/2 BPSK	135	138		14.45		15.0	0.0
100	PI/2 BPSK	270	0		14.46			
100	QPSK	1	1		14.54		15.0	0.0
100	QPSK	1	137		14.39			
100	QPSK	1	271		14.35			
100	QPSK	135	0		14.47		15.0	0.0
100	QPSK	135	69		14.48		15.0	0.0
100	QPSK	135	138		14.41		15.0	0.0
100	QPSK	270	0		14.44			
100	16QAM	1	1		14.50		15.0	0.0
100	64QAM	1	1		14.40		15.0	0.0
100	256QAM	1	1		14.43		15.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.43	14.40	14.46	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.47	14.46	14.46	15.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.42	14.47	14.40	15.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.45	14.41	14.41	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.48	14.42	14.45	15.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.50	14.44	14.44	15.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.49	14.46	14.43	15.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.48	14.42	14.41	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.49	14.41	14.48	15.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.44	14.43	14.44	15.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.49	14.50	14.46	15.0	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.35		18.0	0.0
100	PI/2 BPSK	1	137		17.30			
100	PI/2 BPSK	1	271		17.36			
100	PI/2 BPSK	135	0		17.36		18.0	0.0
100	PI/2 BPSK	135	69		17.38		18.0	0.0
100	PI/2 BPSK	135	138		17.46		18.0	0.0
100	PI/2 BPSK	270	0		17.27			
100	QPSK	1	1		17.51		18.0	0.0
100	QPSK	1	137		17.34			
100	QPSK	1	271		17.35			
100	QPSK	135	0		17.40		18.0	0.0
100	QPSK	135	69		17.48		18.0	0.0
100	QPSK	135	138		17.40		18.0	0.0
100	QPSK	270	0		17.36			
100	16QAM	1	1		17.39		18.0	0.0
100	64QAM	1	1		17.43		18.0	0.0
100	256QAM	1	1		17.41		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.41	17.39	17.42	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.37	17.45	17.38	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.45	17.43	17.40	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.35	17.44	17.43	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.35	17.44	17.44	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.45	17.39	17.43	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.46	17.46	17.40	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.36	17.44	17.37	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.35	17.47	17.46	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.43	17.38	17.44	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.35	17.38	17.46	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.29	18.33	18.33	19.3	0.0
50	PI/2 BPSK	1	135	18.30	18.34	18.32		
50	PI/2 BPSK	1	268	18.39	18.38	18.34		
50	PI/2 BPSK	135	0	18.35	18.32	18.37	19.3	0.0
50	PI/2 BPSK	135	68	18.40	18.29	18.37	19.3	0.0
50	PI/2 BPSK	135	135	18.39	18.40	18.40	19.3	0.0
50	PI/2 BPSK	270	0	18.36	18.36	18.30		
50	QPSK	1	1	18.38	18.44	18.33	19.3	0.0
50	QPSK	1	135	18.32	18.37	18.31		
50	QPSK	1	268	18.31	18.37	18.39		
50	QPSK	135	0	18.39	18.38	18.40	19.3	0.0
50	QPSK	135	68	18.39	18.41	18.31	19.3	0.0
50	QPSK	135	135	18.29	18.38	18.31	19.3	0.0
50	QPSK	270	0	18.23	18.36	18.31		
50	16QAM	1	1	18.31	18.37	18.29	19.3	0.0
50	64QAM	1	1	18.28	18.39	18.35	19.3	0.0
50	256QAM	1	1	18.38	18.36	18.40	19.3	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.26	18.39	18.18	19.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.28	18.39	18.22	19.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.33	18.35	18.30	19.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.28	18.30	18.27	19.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.22	18.39	18.17	19.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.28	18.38	18.30	19.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.26	18.34	18.18	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.40		22.5	0.0
10	PI/2 BPSK	1	26		21.34			
10	PI/2 BPSK	1	50		21.33			
10	PI/2 BPSK	25	0		21.38		22.5	0.0
10	PI/2 BPSK	25	14		21.31		22.5	0.0
10	PI/2 BPSK	25	27		21.37		22.5	0.0
10	PI/2 BPSK	50	0		21.38			
10	QPSK	1	1		21.45		22.5	0.0
10	QPSK	1	26		21.37			
10	QPSK	1	50		21.32			
10	QPSK	25	0		21.42		22.5	0.0
10	QPSK	25	14		21.32		22.5	0.0
10	QPSK	25	27		21.40		22.5	0.0
10	QPSK	50	0		21.37			
10	16QAM	1	1		21.32		22.5	0.0
10	64QAM	1	1		21.37		22.5	0.0
10	256QAM	1	1		20.32		21.5	1.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.31	21.35	21.36	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.22	22.21	22.26	23.5	0.0
40	PI/2 BPSK	1	53	22.29	22.22	22.27		
40	PI/2 BPSK	1	104	22.29	22.28	22.31		
40	PI/2 BPSK	50	0	22.20	22.27	22.26	23.5	0.0
40	PI/2 BPSK	50	28	22.19	22.27	22.20	23.5	0.0
40	PI/2 BPSK	50	56	22.27	22.31	22.21	23.5	0.0
40	PI/2 BPSK	100	0	22.23	22.20	22.23		
40	QPSK	1	1	22.23	22.35	22.20	23.5	0.0
40	QPSK	1	53	22.25	22.21	22.30		
40	QPSK	1	104	22.23	22.26	22.30		
40	QPSK	50	0	22.27	22.25	22.28	23.5	0.0
40	QPSK	50	28	22.31	22.32	22.28	23.5	0.0
40	QPSK	50	56	22.29	22.19	22.25	23.5	0.0
40	QPSK	100	0	22.25	22.29	22.27		
40	16QAM	1	1	22.20	22.30	22.22	23.5	0.0
40	64QAM	1	1	21.27	21.18	21.18	22.5	1.0
40	256QAM	1	1	19.31	19.24	19.25	20.5	3.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.25	22.24	22.29	23.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	22.25	22.25	22.19	23.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.21	22.23	22.28	23.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.29	22.26	22.27	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.06	22.08	22.01	23.5	0.0
100	PI/2 BPSK	1	137	22.05	22.08	22.03		
100	PI/2 BPSK	1	271	22.03	22.09	22.03		
100	PI/2 BPSK	135	0	22.01	22.00	22.06	23.5	0.0
100	PI/2 BPSK	135	69	22.05	21.99	22.09	23.5	0.0
100	PI/2 BPSK	135	138	22.01	22.08	22.10	23.5	0.0
100	PI/2 BPSK	270	0	22.03	21.98	22.06		
100	QPSK	1	1	21.99	22.14	22.08	23.5	0.0
100	QPSK	1	137	22.07	22.09	22.06		
100	QPSK	1	271	22.05	22.02	22.07		
100	QPSK	135	0	22.05	22.00	22.07	23.5	0.0
100	QPSK	135	69	22.05	22.08	22.02	23.5	0.0
100	QPSK	135	138	22.05	22.04	22.04	23.5	0.0
100	QPSK	270	0	21.99	22.03	22.02		
100	16QAM	1	1	22.04	22.03	22.07	23.5	0.0
100	64QAM	1	1	22.01	22.09	21.98	23.5	0.0
100	256QAM	1	1	20.54	20.49	20.51	22.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.84	22.06	22.04	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.93	22.00	21.95	23.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.95	22.00	21.96	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.87	22.01	21.93	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.93	21.99	22.04	23.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.86	22.01	22.02	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.83	22.08	22.00	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.85	22.00	22.03	23.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.91	22.04	21.94	23.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.95	22.03	22.02	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.01	24.10	24.20	26.0	0.0
100	PI/2 BPSK	1	137	24.31	24.36	24.28		
100	PI/2 BPSK	1	271	24.30	24.43	24.32		
100	PI/2 BPSK	135	0	24.11	24.20	24.11	25.5	0.5
100	PI/2 BPSK	135	69	24.36	24.43	24.40	26.0	0.0
100	PI/2 BPSK	135	138	24.36	24.42	24.37	25.5	0.5
100	PI/2 BPSK	270	0	24.17	24.23	24.15		
100	QPSK	1	1	24.45	24.46	24.42	26.0	0.0
100	QPSK	1	137	24.23	24.36	24.30		
100	QPSK	1	271	24.32	24.40	24.32		
100	QPSK	135	0	23.51	23.56	23.43	25.0	1.0
100	QPSK	135	69	24.33	24.37	24.26	26.0	0.0
100	QPSK	135	138	24.28	24.32	24.26	25.0	1.0
100	QPSK	270	0	23.18	23.28	23.24		
100	16QAM	1	1	23.40	23.50	23.41	25.0	1.0
100	64QAM	1	1	22.91	23.04	22.95	23.5	2.5
100	256QAM	1	1	20.47	20.58	20.50	21.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.42	24.35	24.32	26.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.38	24.35	24.29	26.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.35	24.38	24.28	26.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.42	24.37	24.39	26.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.42	24.41	24.33	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.36	24.36	24.36	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.34	24.35	24.32	26.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.32	24.33	24.31	26.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.36	24.39	24.38	26.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.32	24.33	24.33	26.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.27	16.34	16.22	17.8	0.0
40	PI/2 BPSK	1	53	16.25	16.32	16.30		
40	PI/2 BPSK	1	104	16.31	16.22	16.33		
40	PI/2 BPSK	50	0	16.27	16.23	16.32	17.8	0.0
40	PI/2 BPSK	50	28	16.34	16.33	16.25	17.8	0.0
40	PI/2 BPSK	50	56	16.32	16.26	16.32		
40	PI/2 BPSK	100	0	16.32	16.27	16.28	17.8	0.0
40	QPSK	1	1	16.33	16.38	16.28		
40	QPSK	1	53	16.24	16.25	16.29		
40	QPSK	1	104	16.26	16.23	16.25		
40	QPSK	50	0	16.22	16.24	16.31	17.8	0.0
40	QPSK	50	28	16.23	16.34	16.31	17.8	0.0
40	QPSK	50	56	16.27	16.25	16.32	17.8	0.0
40	QPSK	100	0	16.24	16.30	16.26		
40	16QAM	1	1	16.26	16.23	16.30	17.8	0.0
40	64QAM	1	1	16.25	16.23	16.28	17.8	0.0
40	256QAM	1	1	16.24	16.33	16.33	17.8	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585.02	3624.99	3684.99		
30	QPSK	1	1	16.19	16.34	16.16	17.8	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.18	16.29	16.15	17.8	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.22	16.24	16.23	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.54	16.61	16.61	17.5	0.0
100	PI/2 BPSK	1	137	16.54	16.50	16.52		
100	PI/2 BPSK	1	271	16.52	16.60	16.59		
100	PI/2 BPSK	135	0	16.57	16.59	16.59	17.5	0.0
100	PI/2 BPSK	135	69	16.53	16.58	16.56	17.5	0.0
100	PI/2 BPSK	135	138	16.58	16.53	16.51	17.5	0.0
100	PI/2 BPSK	270	0	16.58	16.53	16.59		
100	QPSK	1	1	16.53	16.66	16.50	17.5	0.0
100	QPSK	1	137	16.53	16.56	16.61		
100	QPSK	1	271	16.52	16.54	16.60		
100	QPSK	135	0	16.55	16.60	16.60	17.5	0.0
100	QPSK	135	69	16.60	16.61	16.53	17.5	0.0
100	QPSK	135	138	16.57	16.55	16.57	17.5	0.0
100	QPSK	270	0	16.55	16.60	16.58		
100	16QAM	1	1	16.55	16.55	16.51	17.5	0.0
100	64QAM	1	1	16.58	16.52	16.52	17.5	0.0
100	256QAM	1	1	16.55	16.55	16.56	17.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.42	16.57	16.39	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.44	16.54	16.40	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.42	16.61	16.42	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.43	16.58	16.43	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.46	16.50	16.44	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.45	16.57	16.38	17.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.48	16.58	16.36	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.39	16.57	16.38	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.45	16.51	16.37	17.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.49	16.61	16.42	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.49	16.55	16.39	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.48	19.51	19.47	20.5	0.0
100	PI/2 BPSK	1	137	19.48	19.47	19.50		
100	PI/2 BPSK	1	271	19.51	19.51	19.48		
100	PI/2 BPSK	135	0	19.55	19.47	19.50	20.5	0.0
100	PI/2 BPSK	135	69	19.49	19.48	19.56	20.5	0.0
100	PI/2 BPSK	135	138	19.57	19.55	19.53	20.5	0.0
100	PI/2 BPSK	270	0	19.50	19.45	19.57		
100	QPSK	1	1	19.50	19.61	19.53	20.5	0.0
100	QPSK	1	137	19.54	19.49	19.56		
100	QPSK	1	271	19.49	19.49	19.56		
100	QPSK	135	0	19.48	19.47	19.46	20.5	0.0
100	QPSK	135	69	19.45	19.57	19.56	20.5	0.0
100	QPSK	135	138	19.46	19.52	19.52	20.5	0.0
100	QPSK	270	0	19.49	19.51	19.49		
100	16QAM	1	1	19.48	19.52	19.51	20.5	0.0
100	64QAM	1	1	19.49	19.57	19.54	20.5	0.0
100	256QAM	1	1	19.48	19.56	19.56	20.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.36	19.53	19.41	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.43	19.51	19.47	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.36	19.51	19.41	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.40	19.47	19.47	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.40	19.55	19.46	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.42	19.45	19.46	20.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.34	19.49	19.48	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.37	19.55	19.38	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.36	19.57	19.40	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.43	19.46	19.48	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.38	19.53	19.49	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.56		17.5	0.0
100	PI/2 BPSK	1	137		16.53			
100	PI/2 BPSK	1	271		16.46			
100	PI/2 BPSK	135	0		16.57		17.5	0.0
100	PI/2 BPSK	135	69		16.56		17.5	0.0
100	PI/2 BPSK	135	138		16.57		17.5	0.0
100	PI/2 BPSK	270	0		16.53			
100	QPSK	1	1		16.62		17.5	0.0
100	QPSK	1	137		16.49			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.51		17.5	0.0
100	QPSK	135	69		16.55		17.5	0.0
100	QPSK	135	138		16.47		17.5	0.0
100	QPSK	270	0		16.53			
100	16QAM	1	1		16.46		17.5	0.0
100	64QAM	1	1		16.55		17.5	0.0
100	256QAM	1	1		16.55		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.50	16.51	16.56	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.47	16.47	16.55	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.50	16.51	16.51	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.51	16.54	16.50	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.51	16.53	16.49	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.46	16.50	16.56	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.49	16.50	16.58	17.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.56	16.51	16.53	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.48	16.57	16.52	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.47	16.52	16.49	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.47	16.51	16.53	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.46		20.5	0.0
100	PI/2 BPSK	1	137		19.48			
100	PI/2 BPSK	1	271		19.53			
100	PI/2 BPSK	135	0		19.47		20.5	0.0
100	PI/2 BPSK	135	69		19.43		20.5	0.0
100	PI/2 BPSK	135	138		19.46		20.5	0.0
100	PI/2 BPSK	270	0		19.46			
100	QPSK	1	1		19.57		20.5	0.0
100	QPSK	1	137		19.47			
100	QPSK	1	271		19.51			
100	QPSK	135	0		19.48		20.5	0.0
100	QPSK	135	69		19.52		20.5	0.0
100	QPSK	135	138		19.44		20.5	0.0
100	QPSK	270	0		19.41			
100	16QAM	1	1		19.42		20.5	0.0
100	64QAM	1	1		19.48		20.5	0.0
100	256QAM	1	1		19.48		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.51	19.49	19.46	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.47	19.53	19.44	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.42	19.47	19.43	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.51	19.49	19.47	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.44	19.51	19.53	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.43	19.45	19.47	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.48	19.43	19.48	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.53	19.43	19.51	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.44	19.51	19.41	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.44	19.46	19.44	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.42	19.50	19.43	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.74		17.5	0.0
100	PI/2 BPSK	1	137		16.69			
100	PI/2 BPSK	1	271		16.75			
100	PI/2 BPSK	135	0		16.68		17.5	0.0
100	PI/2 BPSK	135	69		16.72		17.5	0.0
100	PI/2 BPSK	135	138		16.69		17.5	0.0
100	PI/2 BPSK	270	0		16.66			
100	QPSK	1	1		16.77		17.5	0.0
100	QPSK	1	137		16.71			
100	QPSK	1	271		16.70			
100	QPSK	135	0		16.70		17.5	0.0
100	QPSK	135	69		16.74		17.5	0.0
100	QPSK	135	138		16.66		17.5	0.0
100	QPSK	270	0		16.77			
100	16QAM	1	1		16.65		17.5	0.0
100	64QAM	1	1		16.68		17.5	0.0
100	256QAM	1	1		16.71		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.67	16.73	16.70	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.65	16.70	16.64	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.66	16.67	16.67	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.71	16.70	16.62	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.63	16.70	16.66	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.61	16.68	16.72	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.62	16.62	16.71	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.64	16.67	16.65	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.72	16.63	16.62	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.70	16.61	16.66	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.70	16.69	16.69	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.26		20.5	0.0
100	PI/2 BPSK	1	137		19.31			
100	PI/2 BPSK	1	271		19.32			
100	PI/2 BPSK	135	0		19.31		20.5	0.0
100	PI/2 BPSK	135	69		19.21		20.5	0.0
100	PI/2 BPSK	135	138		19.33		20.5	0.0
100	PI/2 BPSK	270	0		19.20			
100	QPSK	1	1		19.46		20.5	0.0
100	QPSK	1	137		19.29			
100	QPSK	1	271		19.30			
100	QPSK	135	0		19.26		20.5	0.0
100	QPSK	135	69		19.32		20.5	0.0
100	QPSK	135	138		19.28		20.5	0.0
100	QPSK	270	0		19.35			
100	16QAM	1	1		19.35		20.5	0.0
100	64QAM	1	1		19.31		20.5	0.0
100	256QAM	1	1		19.32		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.39	19.40	19.40	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.41	19.41	19.41	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.42	19.38	19.33	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.33	19.33	19.39	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.37	19.36	19.40	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.34	19.30	19.35	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.38	19.31	19.39	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.31	19.42	19.37	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.30	19.32	19.41	20.5	0.0
Channel				647168	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.36	19.36	19.36	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.34	19.33	19.40	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.28		17.5	0.0
100	PI/2 BPSK	1	137		16.29			
100	PI/2 BPSK	1	271		16.16			
100	PI/2 BPSK	135	0		16.25		17.5	0.0
100	PI/2 BPSK	135	69		16.32		17.5	0.0
100	PI/2 BPSK	135	138		16.29		17.5	0.0
100	PI/2 BPSK	270	0		16.27			
100	QPSK	1	1		16.35		17.5	0.0
100	QPSK	1	137		16.28			
100	QPSK	1	271		16.22			
100	QPSK	135	0		16.20		17.5	0.0
100	QPSK	135	69		16.26		17.5	0.0
100	QPSK	135	138		16.25		17.5	0.0
100	QPSK	270	0		16.26			
100	16QAM	1	1		16.19		17.5	0.0
100	64QAM	1	1		16.31		17.5	0.0
100	256QAM	1	1		16.25		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.13	16.05	16.12	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.08	16.06	16.06	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.09	16.05	16.14	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.15	16.15	16.11	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.07	16.09	16.12	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.06	16.13	16.08	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.09	16.06	16.06	17.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.11	16.06	16.09	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.08	16.06	16.11	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.07	16.08	16.15	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.15	16.12	16.05	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.33		20.5	0.0
100	PI/2 BPSK	1	137		19.30			
100	PI/2 BPSK	1	271		19.33			
100	PI/2 BPSK	135	0		19.31		20.5	0.0
100	PI/2 BPSK	135	69		19.22		20.5	0.0
100	PI/2 BPSK	135	138		19.30		20.5	0.0
100	PI/2 BPSK	270	0		19.35			
100	QPSK	1	1		19.42		20.5	0.0
100	QPSK	1	137		19.33			
100	QPSK	1	271		19.29			
100	QPSK	135	0		19.32		20.5	0.0
100	QPSK	135	69		19.33		20.5	0.0
100	QPSK	135	138		19.27		20.5	0.0
100	QPSK	270	0		19.24			
100	16QAM	1	1		19.22		20.5	0.0
100	64QAM	1	1		19.26		20.5	0.0
100	256QAM	1	1		19.34		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.34	19.29	19.34	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.29	19.33	19.35	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.28	19.32	19.31	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.27	19.36	19.33	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.32	19.29	19.35	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.27	19.32	19.28	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.37	19.38	19.34	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.33	19.34	19.37	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.34	19.26	19.35	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.31	19.29	19.28	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.30	19.28	19.27	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	14.90	14.91	14.81	15.8	0.0
40	PI/2 BPSK	1	53	14.84	14.83	14.83		
40	PI/2 BPSK	1	104	14.82	14.84	14.91		
40	PI/2 BPSK	50	0	14.80	14.81	14.83	15.8	0.0
40	PI/2 BPSK	50	28	14.82	14.88	14.85	15.8	0.0
40	PI/2 BPSK	50	56	14.85	14.81	14.87	15.8	0.0
40	PI/2 BPSK	100	0	14.83	14.86	14.82		
40	QPSK	1	1	14.82	14.95	14.83	15.8	0.0
40	QPSK	1	53	14.87	14.89	14.85		
40	QPSK	1	104	14.89	14.87	14.81		
40	QPSK	50	0	14.84	14.85	14.80	15.8	0.0
40	QPSK	50	28	14.84	14.89	14.86	15.8	0.0
40	QPSK	50	56	14.87	14.85	14.86	15.8	0.0
40	QPSK	100	0	14.82	14.84	14.79		
40	16QAM	1	1	14.87	14.89	14.84	15.8	0.0
40	64QAM	1	1	14.90	14.84	14.88	15.8	0.0
40	256QAM	1	1	14.90	14.83	14.81	15.8	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.70	14.91	14.69	15.8	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.67	14.82	14.73	15.8	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.70	14.85	14.72	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.14	15.16	15.12	16.4	0.0
100	PI/2 BPSK	1	137	15.14	15.10	15.12		
100	PI/2 BPSK	1	271	15.10	15.13	15.11		
100	PI/2 BPSK	135	0	15.13	15.06	15.15	16.4	0.0
100	PI/2 BPSK	135	69	15.07	15.15	15.10	16.4	0.0
100	PI/2 BPSK	135	138	15.16	15.15	15.10	16.4	0.0
100	PI/2 BPSK	270	0	15.13	15.09	15.13		
100	QPSK	1	1	15.13	15.21	15.15	16.4	0.0
100	QPSK	1	137	15.11	15.08	15.10		
100	QPSK	1	271	15.05	15.12	15.07		
100	QPSK	135	0	15.07	15.06	15.14	16.4	0.0
100	QPSK	135	69	15.15	15.16	15.08	16.4	0.0
100	QPSK	135	138	15.08	15.15	15.10	16.4	0.0
100	QPSK	270	0	15.01	15.10	15.05		
100	16QAM	1	1	15.09	15.16	15.17	16.4	0.0
100	64QAM	1	1	15.12	15.15	15.10	16.4	0.0
100	256QAM	1	1	15.12	15.09	15.08	16.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.07	15.11	15.10	16.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.07	15.13	15.06	16.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.08	15.13	15.06	16.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.06	15.05	15.07	16.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.04	15.16	15.05	16.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.97	15.13	15.08	16.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.98	15.11	15.06	16.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.05	15.06	15.01	16.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.05	15.11	15.03	16.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.05	15.09	15.10	16.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.00	15.07	15.08	16.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.08	18.07	18.10	19.4	0.0
100	PI/2 BPSK	1	137	18.01	18.07	18.03		
100	PI/2 BPSK	1	271	18.01	18.06	18.09		
100	PI/2 BPSK	135	0	18.03	18.00	18.09	19.4	0.0
100	PI/2 BPSK	135	69	18.00	18.01	18.04	19.4	0.0
100	PI/2 BPSK	135	138	18.10	18.06	17.99	19.4	0.0
100	PI/2 BPSK	270	0	18.09	17.99	18.06		
100	QPSK	1	1	18.04	18.15	18.09	19.4	0.0
100	QPSK	1	137	18.01	18.01	18.08		
100	QPSK	1	271	18.02	18.03	18.09		
100	QPSK	135	0	18.04	18.06	18.00	19.4	0.0
100	QPSK	135	69	18.08	18.09	18.01	19.4	0.0
100	QPSK	135	138	18.08	18.00	18.01	19.4	0.0
100	QPSK	270	0	18.02	18.08	18.06		
100	16QAM	1	1	18.04	18.01	18.04	19.4	0.0
100	64QAM	1	1	18.02	18.01	18.03	19.4	0.0
100	256QAM	1	1	18.02	18.08	18.02	19.4	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.97	18.10	18.00	19.4	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.91	18.01	18.01	19.4	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.96	18.03	17.95	19.4	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.94	18.05	17.95	19.4	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.98	18.01	17.96	19.4	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.96	18.10	17.98	19.4	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.89	18.07	18.00	19.4	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.90	18.09	17.94	19.4	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.95	18.08	17.96	19.4	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.96	18.09	17.99	19.4	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.88	18.01	18.02	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.67		16.4	0.0
100	PI/2 BPSK	1	137		15.75			
100	PI/2 BPSK	1	271		15.75			
100	PI/2 BPSK	135	0		15.72		16.4	0.0
100	PI/2 BPSK	135	69		15.71		16.4	0.0
100	PI/2 BPSK	135	138		15.67		16.4	0.0
100	PI/2 BPSK	270	0		15.68			
100	QPSK	1	1		15.82		16.4	0.0
100	QPSK	1	137		15.70			
100	QPSK	1	271		15.71			
100	QPSK	135	0		15.71		16.4	0.0
100	QPSK	135	69		15.76		16.4	0.0
100	QPSK	135	138		15.67		16.4	0.0
100	QPSK	270	0		15.74			
100	16QAM	1	1		15.62		16.4	0.0
100	64QAM	1	1		15.64		16.4	0.0
100	256QAM	1	1		15.67		16.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.75	15.78	15.69	16.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.78	15.76	15.67	16.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.68	15.66	15.76	16.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.69	15.73	15.67	16.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.73	15.68	15.78	16.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.71	15.75	15.67	16.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.70	15.68	15.69	16.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.66	15.69	15.75	16.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.75	15.69	15.68	16.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.67	15.69	15.69	16.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.77	15.77	15.72	16.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.64		19.4	0.0
100	PI/2 BPSK	1	137		18.61			
100	PI/2 BPSK	1	271		18.60			
100	PI/2 BPSK	135	0		18.69		19.4	0.0
100	PI/2 BPSK	135	69		18.62		19.4	0.0
100	PI/2 BPSK	135	138		18.62		19.4	0.0
100	PI/2 BPSK	270	0		18.59			
100	QPSK	1	1		18.74		19.4	0.0
100	QPSK	1	137		18.70			
100	QPSK	1	271		18.61			
100	QPSK	135	0		18.59		19.4	0.0
100	QPSK	135	69		18.68		19.4	0.0
100	QPSK	135	138		18.66		19.4	0.0
100	QPSK	270	0		18.69			
100	16QAM	1	1		18.63		19.4	0.0
100	64QAM	1	1		18.62		19.4	0.0
100	256QAM	1	1		18.68		19.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.61	18.67	18.65	19.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.61	18.59	18.65	19.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.64	18.67	18.65	19.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.70	18.62	18.63	19.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.62	18.59	18.64	19.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.60	18.63	18.60	19.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.70	18.63	18.68	19.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.66	18.68	18.60	19.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.63	18.59	18.70	19.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.69	18.61	18.64	19.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.64	18.70	18.66	19.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.34		16.4	0.0
100	PI/2 BPSK	1	137		15.36			
100	PI/2 BPSK	1	271		15.31			
100	PI/2 BPSK	135	0		15.32		16.4	0.0
100	PI/2 BPSK	135	69		15.25		16.4	0.0
100	PI/2 BPSK	135	138		15.34		16.4	0.0
100	PI/2 BPSK	270	0		15.37			
100	QPSK	1	1		15.41		16.4	0.0
100	QPSK	1	137		15.30			
100	QPSK	1	271		15.31			
100	QPSK	135	0		15.31		16.4	0.0
100	QPSK	135	69		15.37		16.4	0.0
100	QPSK	135	138		15.29		16.4	0.0
100	QPSK	270	0		15.19			
100	16QAM	1	1		15.34		16.4	0.0
100	64QAM	1	1		15.30		16.4	0.0
100	256QAM	1	1		15.34		16.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.33	15.34	15.29	16.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.34	15.31	15.34	16.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.32	15.35	15.34	16.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.36	15.36	15.37	16.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.27	15.37	15.28	16.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.35	15.33	15.26	16.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.31	15.34	15.28	16.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.35	15.32	15.32	16.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.25	15.26	15.28	16.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.32	15.25	15.29	16.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.34	15.25	15.33	16.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.34		19.4	0.0
100	PI/2 BPSK	1	137		18.35			
100	PI/2 BPSK	1	271		18.32			
100	PI/2 BPSK	135	0		18.41		19.4	0.0
100	PI/2 BPSK	135	69		18.36		19.4	0.0
100	PI/2 BPSK	135	138		18.30		19.4	0.0
100	PI/2 BPSK	270	0		18.31			
100	QPSK	1	1		18.46		19.4	0.0
100	QPSK	1	137		18.32			
100	QPSK	1	271		18.32			
100	QPSK	135	0		18.32		19.4	0.0
100	QPSK	135	69		18.35		19.4	0.0
100	QPSK	135	138		18.24		19.4	0.0
100	QPSK	270	0		18.38			
100	16QAM	1	1		18.36		19.4	0.0
100	64QAM	1	1		18.33		19.4	0.0
100	256QAM	1	1		18.29		19.4	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.38	18.32	18.38	19.4	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.40	18.42	18.37	19.4	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.42	18.37	18.36	19.4	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.41	18.40	18.40	19.4	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.41	18.40	18.37	19.4	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.32	18.32	18.39	19.4	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.38	18.35	18.39	19.4	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.37	18.36	18.30	19.4	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.39	18.32	18.41	19.4	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.38	18.37	18.33	19.4	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.42	18.42	18.39	19.4	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.25		16.4	0.0
100	PI/2 BPSK	1	137		15.37			
100	PI/2 BPSK	1	271		15.43			
100	PI/2 BPSK	135	0		15.35		16.4	0.0
100	PI/2 BPSK	135	69		15.37		16.4	0.0
100	PI/2 BPSK	135	138		15.34		16.4	0.0
100	PI/2 BPSK	270	0		15.31			
100	QPSK	1	1		15.50		16.4	0.0
100	QPSK	1	137		15.39			
100	QPSK	1	271		15.34			
100	QPSK	135	0		15.36		16.4	0.0
100	QPSK	135	69		15.44		16.4	0.0
100	QPSK	135	138		15.29		16.4	0.0
100	QPSK	270	0		15.40			
100	16QAM	1	1		15.29		16.4	0.0
100	64QAM	1	1		15.29		16.4	0.0
100	256QAM	1	1		15.26		16.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.37	15.42	15.37	16.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.38	15.39	15.36	16.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.40	15.43	15.37	16.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.45	15.44	15.35	16.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.36	15.35	15.42	16.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.35	15.45	15.34	16.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.42	15.35	15.43	16.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.36	15.36	15.37	16.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.35	15.43	15.42	16.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.41	15.42	15.44	16.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.36	15.43	15.35	16.4	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.77		19.4	0.0
100	PI/2 BPSK	1	137		18.85			
100	PI/2 BPSK	1	271		18.80			
100	PI/2 BPSK	135	0		18.87		19.4	0.0
100	PI/2 BPSK	135	69		18.77		19.4	0.0
100	PI/2 BPSK	135	138		18.78		19.4	0.0
100	PI/2 BPSK	270	0		18.80			
100	QPSK	1	1		18.97		19.4	0.0
100	QPSK	1	137		18.82			
100	QPSK	1	271		18.78			
100	QPSK	135	0		18.65		19.4	0.0
100	QPSK	135	69		18.82		19.4	0.0
100	QPSK	135	138		18.81		19.4	0.0
100	QPSK	270	0		18.92			
100	16QAM	1	1		18.85		19.4	0.0
100	64QAM	1	1		18.82		19.4	0.0
100	256QAM	1	1		18.85		19.4	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.89	18.88	18.82	19.4	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.87	18.82	18.85	19.4	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.84	18.85	18.85	19.4	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.86	18.81	18.91	19.4	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.85	18.84	18.90	19.4	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.82	18.92	18.91	19.4	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.90	18.85	18.81	19.4	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.92	18.89	18.81	19.4	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.86	18.86	18.87	19.4	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.87	18.81	18.85	19.4	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.84	18.92	18.86	19.4	0.0

n38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.64	18.69	18.66	19.8	0.0
40	PI/2 BPSK	1	53	18.71	18.68	18.70		
40	PI/2 BPSK	1	104	18.60	18.60	18.67		
40	PI/2 BPSK	50	0	18.60	18.71	18.62	19.8	0.0
40	PI/2 BPSK	50	28	18.61	18.69	18.65	19.8	0.0
40	PI/2 BPSK	50	56	18.64	18.70	18.61	19.8	0.0
40	PI/2 BPSK	100	0	18.70	18.68	18.66		
40	QPSK	1	1	18.71	18.76	18.69	19.8	0.0
40	QPSK	1	53	18.64	18.61	18.64		
40	QPSK	1	104	18.71	18.67	18.71		
40	QPSK	50	0	18.64	18.68	18.71	19.8	0.0
40	QPSK	50	28	18.60	18.75	18.61	19.8	0.0
40	QPSK	50	56	18.63	18.67	18.66	19.8	0.0
40	QPSK	100	0	18.67	18.71	18.64		
40	16QAM	1	1	18.66	18.68	18.65	19.8	0.0
40	64QAM	1	1	18.69	18.67	18.66	19.8	0.0
40	256QAM	1	1	18.65	18.62	18.69	19.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.57	18.69	18.62	19.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.59	18.71	18.65	19.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.63	18.62	18.62	19.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.59	18.65	18.56	19.8	0.0

n41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.43	18.46	18.47	19.8	0.0
100	PI/2 BPSK	1	137	18.45	18.41	18.40		
100	PI/2 BPSK	1	271	18.38	18.39	18.48		
100	PI/2 BPSK	135	0	18.48	18.47	18.45	19.8	0.0
100	PI/2 BPSK	135	69	18.49	18.44	18.41	19.8	0.0
100	PI/2 BPSK	135	138	18.47	18.38	18.41	19.8	0.0
100	PI/2 BPSK	270	0	18.46	18.48	18.41		
100	QPSK	1	1	18.39	18.54	18.39	19.8	0.0
100	QPSK	1	137	18.39	18.39	18.40		
100	QPSK	1	271	18.47	18.38	18.47		
100	QPSK	135	0	18.43	18.45	18.38	19.8	0.0
100	QPSK	135	69	18.48	18.52	18.45	19.8	0.0
100	QPSK	135	138	18.50	18.46	18.46	19.8	0.0
100	QPSK	270	0	18.41	18.47	18.41		
100	16QAM	1	1	18.41	18.39	18.43	19.8	0.0
100	64QAM	1	1	18.41	18.43	18.43	19.8	0.0
100	256QAM	1	1	18.42	18.40	18.40	19.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.28	18.45	18.25	19.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.26	18.48	18.24	19.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.32	18.40	18.30	19.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.25	18.44	18.31	19.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.30	18.50	18.31	19.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.31	18.50	18.34	19.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.26	18.45	18.33	19.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.24	18.44	18.28	19.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.31	18.42	18.28	19.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.26	18.42	18.23	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.41	21.43	21.35	22.8	0.0
100	PI/2 BPSK	1	137	21.40	21.37	21.38		
100	PI/2 BPSK	1	271	21.42	21.34	21.35		
100	PI/2 BPSK	135	0	21.41	21.35	21.38	22.8	0.0
100	PI/2 BPSK	135	69	21.37	21.40	21.40	22.8	0.0
100	PI/2 BPSK	135	138	21.42	21.34	21.40	22.8	0.0
100	PI/2 BPSK	270	0	21.32	21.32	21.33		
100	QPSK	1	1	21.37	21.47	21.33	22.8	0.0
100	QPSK	1	137	21.39	21.35	21.39		
100	QPSK	1	271	21.42	21.36	21.41		
100	QPSK	135	0	21.38	21.34	21.31	22.8	0.0
100	QPSK	135	69	21.35	21.40	21.34	22.8	0.0
100	QPSK	135	138	21.38	21.36	21.35	22.8	0.0
100	QPSK	270	0	21.38	21.42	21.39		
100	16QAM	1	1	21.40	21.40	21.39	22.8	0.0
100	64QAM	1	1	21.39	21.38	21.36	22.8	0.0
100	256QAM	1	1	21.41	21.38	21.34	22.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.27	21.35	21.28	22.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.23	21.40	21.27	22.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.28	21.42	21.29	22.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.23	21.34	21.29	22.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.22	21.36	21.21	22.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.30	21.33	21.18	22.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.29	21.40	21.22	22.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.30	21.34	21.24	22.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.27	21.36	21.20	22.8	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	21.39	21.22	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.16	20.05	19.71	21.2	0.0
40	PI/2 BPSK	1	53	19.65	20.15	20.16		
40	PI/2 BPSK	1	104	19.65	19.79	19.90		
40	PI/2 BPSK	50	0	20.06	19.70	19.70	21.2	0.0
40	PI/2 BPSK	50	28	19.97	20.02	20.03	21.2	0.0
40	PI/2 BPSK	50	56	20.11	19.82	19.92	21.2	0.0
40	PI/2 BPSK	100	0	20.00	19.79	20.18		
40	QPSK	1	1	19.89	20.20	19.82	21.2	0.0
40	QPSK	1	53	19.94	20.10	19.86		
40	QPSK	1	104	19.65	19.91	20.14		
40	QPSK	50	0	19.77	20.01	20.09	21.2	0.0
40	QPSK	50	28	19.65	20.12	19.81	21.2	0.0
40	QPSK	50	56	19.90	20.05	19.79	21.2	0.0
40	QPSK	100	0	19.95	20.05	19.79		
40	16QAM	1	1	20.05	19.68	19.91	21.2	0.0
40	64QAM	1	1	19.94	19.76	19.94	21.2	0.0
40	256QAM	1	1	18.63	18.64	18.86	19.7	1.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3665.02	3624.99	3684.99		
30	QPSK	1	1	19.60	20.03	19.31	21.2	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.33	19.79	19.36	21.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.33	19.63	19.35	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.80	20.66	20.44	21.2	0.0
100	PI/2 BPSK	1	137	20.83	20.60	20.56		
100	PI/2 BPSK	1	271	20.64	20.73	20.42		
100	PI/2 BPSK	135	0	20.81	20.72	20.72	21.2	0.0
100	PI/2 BPSK	135	69	20.45	20.50	20.29	21.2	0.0
100	PI/2 BPSK	135	138	20.38	20.71	20.55	21.2	0.0
100	PI/2 BPSK	270	0	20.48	20.65	20.50		
100	QPSK	1	1	20.42	20.87	20.48	21.2	0.0
100	QPSK	1	137	20.44	20.69	20.35		
100	QPSK	1	271	20.60	20.40	20.45		
100	QPSK	135	0	19.99	20.03	20.02	20.7	0.5
100	QPSK	135	69	20.63	20.84	20.77	21.2	0.0
100	QPSK	135	138	19.95	20.08	20.12	20.7	0.5
100	QPSK	270	0	20.25	20.32	20.00		
100	16QAM	1	1	20.28	20.10	20.25	20.7	0.5
100	64QAM	1	1	18.33	18.79	18.40	19.2	2.0
100	256QAM	1	1	16.50	16.38	16.36	17.2	4.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.38	20.48	20.24	21.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.24	20.52	20.03	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.10	20.31	20.13	21.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.40	20.78	20.18	21.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.17	20.41	20.20	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.11	20.44	20.16	21.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.24	20.62	20.23	21.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.07	20.30	20.21	21.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.04	20.69	20.09	21.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.09	20.51	20.41	21.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.01	20.42	20.08	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.89	21.21	20.92	22.0	0.0
100	PI/2 BPSK	1	137	20.90	21.22	20.93		
100	PI/2 BPSK	1	271	20.87	21.23	20.96		
100	PI/2 BPSK	135	0	20.42	20.76	20.47	21.5	0.5
100	PI/2 BPSK	135	69	20.91	21.19	20.88	22.0	0.0
100	PI/2 BPSK	135	138	20.43	20.76	20.54	21.5	0.5
100	PI/2 BPSK	270	0	20.47	20.79	20.49		
100	QPSK	1	1	20.95	21.25	20.99	22.0	0.0
100	QPSK	1	137	20.82	21.22	20.94		
100	QPSK	1	271	20.83	21.11	20.86		
100	QPSK	135	0	20.39	20.38	20.40	21.0	1.0
100	QPSK	135	69	21.07	21.20	21.12	22.0	0.0
100	QPSK	135	138	20.37	20.34	20.42	21.0	1.0
100	QPSK	270	0	20.36	20.47	20.45		
100	16QAM	1	1	20.02	20.13	20.07	21.0	1.0
100	64QAM	1	1	17.97	18.10	18.05	19.5	2.5
100	256QAM	1	1	16.67	16.74	16.63	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.86	21.12	20.89	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.84	21.16	20.91	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.81	21.19	20.96	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.91	21.16	20.92	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.90	21.18	20.91	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.87	21.15	20.86	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.81	21.14	20.96	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.91	21.19	20.92	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.85	21.21	20.86	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.90	21.16	20.93	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.82	21.17	20.85	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.89		21.2	0.0
100	PI/2 BPSK	1	137		20.98			
100	PI/2 BPSK	1	271		20.87			
100	PI/2 BPSK	135	0		20.95		21.2	0.0
100	PI/2 BPSK	135	69		20.99		21.2	0.0
100	PI/2 BPSK	135	138		20.87		21.2	0.0
100	PI/2 BPSK	270	0		20.88			
100	QPSK	1	1		21.17		21.2	0.0
100	QPSK	1	137		21.01			
100	QPSK	1	271		20.96			
100	QPSK	135	0		20.56		20.7	0.5
100	QPSK	135	69		21.15		21.2	0.0
100	QPSK	135	138		20.45		20.7	0.5
100	QPSK	270	0		20.78			
100	16QAM	1	1		20.68		20.7	0.5
100	64QAM	1	1		20.01		20.2	1.0
100	256QAM	1	1		18.12		18.2	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.01	21.01	20.97	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.99	21.11	21.05	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.97	21.07	21.00	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.98	20.98	21.03	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.99	21.05	21.08	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.08	21.00	21.09	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.13	21.06	21.02	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.09	21.13	20.99	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.11	20.99	21.04	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.04	21.09	21.06	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.08	21.11	21.09	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.80		24.0	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.45		23.5	0.5
100	PI/2 BPSK	135	69		22.88		24.0	0.0
100	PI/2 BPSK	135	138		22.41		23.5	0.5
100	PI/2 BPSK	270	0		22.34			
100	QPSK	1	1		22.90		24.0	0.0
100	QPSK	1	137		22.86			
100	QPSK	1	271		22.86			
100	QPSK	135	0		20.34		22.0	2.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		20.33		22.0	2.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.30		22.0	2.0
100	64QAM	1	1		19.72		21.5	2.5
100	256QAM	1	1		18.15		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.81	22.81	22.86	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.77	22.84	22.86	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.78	22.80	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.81	22.79	22.86	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.77	22.79	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.85	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.85	22.77	22.77	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.82	22.81	22.81	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.84	22.87	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.83	22.87	22.82	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.81	22.77	22.83	24.0	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		21.2	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		20.7	0.5
100	PI/2 BPSK	135	69		20.42		21.2	0.0
100	PI/2 BPSK	135	138		19.97		20.7	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		21.2	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.90		20.2	1.0
100	QPSK	135	69		20.42		21.2	0.0
100	QPSK	135	138		19.44		20.2	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		20.2	1.0
100	64QAM	1	1		18.25		18.7	2.5
100	256QAM	1	1		16.33		16.7	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	21.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	21.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	21.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	21.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	21.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	21.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	21.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	21.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	21.2	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		21.5	0.5
100	PI/2 BPSK	135	69		20.42		22.0	0.0
100	PI/2 BPSK	135	138		19.97		21.5	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		22.0	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.50		21.0	1.0
100	QPSK	135	69		20.42		22.0	0.0
100	QPSK	135	138		19.44		21.0	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		21.0	1.0
100	64QAM	1	1		18.25		19.5	2.5
100	256QAM	1	1		16.33		17.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	22.0	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	24.0	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	24.0	0.0

Reduced Power Mode for DSI 6

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.30	21.36	21.19	22.2	0.0
20	PI/2 BPSK	1	53	21.26	21.09	21.09		
20	PI/2 BPSK	1	104	21.20	21.07	20.96		
20	PI/2 BPSK	50	0	21.28	21.40	21.19	22.2	0.0
20	PI/2 BPSK	50	28	21.19	21.11	21.09	22.2	0.0
20	PI/2 BPSK	50	56	21.05	21.28	21.08	22.2	0.0
20	PI/2 BPSK	100	0	21.10	21.14	21.04		
20	QPSK	1	1	21.35	21.45	21.41	22.2	0.0
20	QPSK	1	53	21.27	21.32	21.22		
20	QPSK	1	104	21.23	21.40	21.26		
20	QPSK	50	0	20.98	21.01	20.93	22.2	0.0
20	QPSK	50	28	21.19	21.26	21.17	22.2	0.0
20	QPSK	50	56	20.99	21.13	20.93	22.2	0.0
20	QPSK	100	0	20.91	21.15	20.98		
20	16QAM	1	1	21.14	21.07	21.00	22.2	0.0
20	64QAM	1	1	20.99	20.99	20.99	22.2	0.0
20	256QAM	1	1	19.67	19.88	19.77	21.0	1.2
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.27	21.29	21.31	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.29	21.37	21.33	22.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.26	21.31	21.30	22.2	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.07	23.34	23.29	24.0	0.0
20	PI/2 BPSK	1	53	22.79	23.23	23.20		
20	PI/2 BPSK	1	104	22.44	23.27	23.18		
20	PI/2 BPSK	50	0	23.11	23.22	23.17	24.0	0.0
20	PI/2 BPSK	50	28	23.29	23.30	23.28	24.0	0.0
20	PI/2 BPSK	50	56	23.07	23.10	23.04	24.0	0.0
20	PI/2 BPSK	100	0	22.79	23.17	23.04		
20	QPSK	1	1	23.27	23.37	23.18	24.0	0.0
20	QPSK	1	53	23.19	23.22	23.03		
20	QPSK	1	104	23.20	23.31	23.07		
20	QPSK	50	0	23.15	23.24	23.08	24.0	0.0
20	QPSK	50	28	23.14	23.27	23.12	24.0	0.0
20	QPSK	50	56	22.99	23.00	23.03	24.0	0.0
20	QPSK	100	0	23.02	23.14	23.00		
20	16QAM	1	1	23.00	23.07	23.07	24.0	0.0
20	64QAM	1	1	22.74	22.79	22.79	24.0	0.0
20	256QAM	1	1	20.33	20.44	20.44	22.0	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.21	23.32	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.31	23.09	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	23.12	23.32	23.06	24.0	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.21	23.36	23.25	24.0	0.0
15	PI/2 BPSK	1	40	23.28	23.26	23.31		
15	PI/2 BPSK	1	77	23.24	23.22	23.23		
15	PI/2 BPSK	36	0	23.20	23.28	23.15	24.0	0.0
15	PI/2 BPSK	36	22	23.31	23.21	23.27	24.0	0.0
15	PI/2 BPSK	36	43	23.32	23.22	23.20	24.0	0.0
15	PI/2 BPSK	75	0	23.22	23.36	23.21		
15	QPSK	1	1	23.32	23.51	23.30	24.0	0.0
15	QPSK	1	40	23.23	23.45	23.20		
15	QPSK	1	77	23.19	23.38	23.16		
15	QPSK	36	0	23.24	23.29	23.19	24.0	0.0
15	QPSK	36	22	23.21	23.36	23.19	24.0	0.0
15	QPSK	36	43	23.32	23.32	23.34	24.0	0.0
15	QPSK	75	0	23.25	23.41	23.30		
15	16QAM	1	1	23.06	23.13	23.09	24.0	0.0
15	64QAM	1	1	22.83	22.90	22.86	24.0	0.0
	256QAM	1	1	20.69	20.75	20.63	22.0	2.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.23	23.35	23.15	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.15	23.34	23.00	24.0	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.11		24.0	0.0
10	PI/2 BPSK	1	26		22.99			
10	PI/2 BPSK	1	50		22.96			
10	PI/2 BPSK	25	0		23.11		24.0	0.0
10	PI/2 BPSK	25	14		22.96		24.0	0.0
10	PI/2 BPSK	25	27		23.01		24.0	0.0
10	PI/2 BPSK	50	0		23.14			
10	QPSK	1	1		23.15		24.0	0.0
10	QPSK	1	26		23.08			
10	QPSK	1	50		22.98			
10	QPSK	25	0		23.02		24.0	0.0
10	QPSK	25	14		23.06		24.0	0.0
10	QPSK	25	27		22.98		24.0	0.0
10	QPSK	50	0		23.12			
10	16QAM	1	1		23.14		24.0	0.0
10	64QAM	1	1		23.00		24.0	0.0
10	256QAM	1	1		20.17		22.0	2.0
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.01	23.08	23.09	24.0	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.34	21.37	21.16	22.2	0.0
40	PI/2 BPSK	1	108	21.20	21.12	21.08		
40	PI/2 BPSK	1	214	21.13	21.13	20.95		
40	PI/2 BPSK	108	0	21.34	21.41	21.19	22.2	0.0
40	PI/2 BPSK	108	54	21.14	21.13	21.09	22.2	0.0
40	PI/2 BPSK	108	108	21.06	21.26	21.08	22.2	0.0
40	PI/2 BPSK	216	0	21.13	21.16	21.08		
40	QPSK	1	1	21.33	21.42	21.41	22.2	0.0
40	QPSK	1	108	21.24	21.37	21.26		
40	QPSK	1	214	21.20	21.37	21.26		
40	QPSK	108	0	20.96	21.07	20.97	22.2	0.0
40	QPSK	108	54	21.21	21.27	21.20	22.2	0.0
40	QPSK	108	108	20.98	21.12	20.95	22.2	0.0
40	QPSK	216	0	20.94	21.08	21.02		
40	16QAM	1	1	21.07	21.12	20.98	22.2	0.0
40	64QAM	1	1	20.95	21.05	21.02	22.2	0.0
40	256QAM	1	1	19.72	19.84	19.79	21.0	1.2
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	21.12	21.21	21.19	22.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.21	21.30	21.33	22.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.25	21.30	21.35	22.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.26	21.38	21.28	22.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.25	21.32	21.33	22.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.18	21.27	21.29	22.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.29	21.32	21.35	22.2	0.0

n26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.25	23.31	23.27	24.0	0.0
20	PI/2 BPSK	1	53	23.26	23.25	23.27		
20	PI/2 BPSK	1	104	23.24	23.17	23.17		
20	PI/2 BPSK	50	0	23.18	23.30	23.15	24.0	0.0
20	PI/2 BPSK	50	28	23.16	23.26	23.15	24.0	0.0
20	PI/2 BPSK	50	56	23.23	23.14	23.16	24.0	0.0
20	PI/2 BPSK	100	0	23.20	23.29	23.19		
20	QPSK	1	1	23.17	23.35	23.21	24.0	0.0
20	QPSK	1	53	23.18	23.18	23.06		
20	QPSK	1	104	23.07	23.13	23.07		
20	QPSK	50	0	23.07	23.18	23.11	24.0	0.0
20	QPSK	50	28	23.17	23.23	23.21	24.0	0.0
20	QPSK	50	56	23.16	23.18	23.14	24.0	0.0
20	QPSK	100	0	23.14	23.24	23.13		
20	16QAM	1	1	23.27	23.34	23.23	24.0	0.0
20	64QAM	1	1	22.38	22.51	22.36	23.0	1.0
20	256QAM	1	1	20.25	20.35	20.30	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.08	23.29	23.08	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.10	23.24	23.05	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	23.01	23.20	23.14	24.0	0.0

n66								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.56	20.63	20.39	21.7	0.0
40	PI/2 BPSK	1	108	20.48	20.47	20.30		
40	PI/2 BPSK	1	214	20.33	20.52	20.26		
40	PI/2 BPSK	108	0	20.50	20.63	20.41	21.7	0.0
40	PI/2 BPSK	108	54	20.36	20.40	20.34	21.7	0.0
40	PI/2 BPSK	108	108	20.31	20.45	20.39	21.7	0.0
40	PI/2 BPSK	216	0	20.36	20.38	20.43		
40	QPSK	1	1	20.61	20.66	20.57	21.7	0.0
40	QPSK	1	108	20.43	20.57	20.57		
40	QPSK	1	214	20.50	20.57	20.55		
40	QPSK	108	0	20.17	20.34	20.28	21.7	0.0
40	QPSK	108	54	20.45	20.51	20.41	21.7	0.0
40	QPSK	108	108	20.20	20.40	20.30	21.7	0.0
40	QPSK	216	0	20.19	20.60	20.16		
40	16QAM	1	1	20.26	20.40	20.36	21.7	0.0
40	64QAM	1	1	20.34	20.39	20.21	21.7	0.0
40	256QAM	1	1	20.41	20.41	20.41	21.0	0.7
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.42	20.54	20.48	21.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.54	20.58	20.51	21.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.55	20.54	20.44	21.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.54	20.47	20.45	21.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.57	20.51	20.42	21.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.58	20.50	20.50	21.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.56	20.59	20.43	21.7	0.0

n70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		22.35		23.4	0.0
15	PI/2 BPSK	1	40		22.16			
15	PI/2 BPSK	1	77		22.16			
15	PI/2 BPSK	36	0		22.39		23.4	0.0
15	PI/2 BPSK	36	22		22.22		23.4	0.0
15	PI/2 BPSK	36	43		22.19		23.4	0.0
15	PI/2 BPSK	75	0		22.18			
15	QPSK	1	1		22.42		23.4	0.0
15	QPSK	1	40		22.32			
15	QPSK	1	77		22.36			
15	QPSK	36	0		22.01		23.4	0.0
15	QPSK	36	22		22.27		23.4	0.0
15	QPSK	36	43		22.23		23.4	0.0
15	QPSK	75	0		22.18			
15	16QAM	1	1		22.20		23.4	0.0
15	64QAM	1	1		22.39		23.0	0.4
	256QAM	1	1		20.67		21.0	2.4
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	22.23	22.33	22.35	23.4	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	22.24	22.32	22.29	23.4	0.0

n71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.53	23.64	23.59	24.0	0.0
20	PI/2 BPSK	1	53	23.52	23.56	23.58		
20	PI/2 BPSK	1	104	23.52	23.55	23.55		
20	PI/2 BPSK	50	0	23.68	23.74	23.63	24.0	0.0
20	PI/2 BPSK	50	28	23.49	23.53	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.74	23.73	23.68	24.0	0.0
20	PI/2 BPSK	100	0	23.69	23.81	23.66		
20	QPSK	1	1	23.71	23.84	23.80	24.0	0.0
20	QPSK	1	53	23.65	23.78	23.74		
20	QPSK	1	104	23.58	23.71	23.68		
20	QPSK	50	0	23.54	23.59	23.53	24.0	0.0
20	QPSK	50	28	23.70	23.74	23.65	24.0	0.0
20	QPSK	50	56	23.67	23.62	23.62	24.0	0.0
20	QPSK	100	0	23.70	23.75	23.65		
20	16QAM	1	1	23.66	23.77	23.72	24.0	0.0
20	64QAM	1	1	23.11	23.23	23.13	24.0	0.0
20	256QAM	1	1	20.77	20.87	20.82	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.61	23.72	23.68	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.63	23.80	23.73	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.62	23.78	23.74	24.0	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.52	20.60	20.50	21.6	0.0
20	PI/2 BPSK	1	53	20.47	20.46	20.36		
20	PI/2 BPSK	1	104	20.36	20.50	20.25		
20	PI/2 BPSK	50	0	20.53	20.58	20.29	21.6	0.0
20	PI/2 BPSK	50	28	20.29	20.44	20.37	21.6	0.0
20	PI/2 BPSK	50	56	20.40	20.42	20.35	21.6	0.0
20	PI/2 BPSK	100	0	20.43	20.51	20.49		
20	QPSK	1	1	20.72	20.74	20.54	21.6	0.0
20	QPSK	1	53	20.36	20.53	20.44		
20	QPSK	1	104	20.38	20.54	20.52		
20	QPSK	50	0	20.32	20.34	20.32	21.6	0.0
20	QPSK	50	28	20.45	20.59	20.43	21.6	0.0
20	QPSK	50	56	20.35	20.38	20.25	21.6	0.0
20	QPSK	100	0	20.22	20.40	20.25		
20	16QAM	1	1	20.26	20.41	20.32	21.6	0.0
20	64QAM	1	1	19.70	20.67	19.67	21.5	0.1
20	256QAM	1	1	17.94	19.01	17.98	19.5	2.1
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.59	20.59	20.38	21.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.60	20.66	20.49	21.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.57	20.64	20.50	21.6	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.41	23.55	23.47	24.0	0.0
20	PI/2 BPSK	1	53	23.39	23.45	23.45		
20	PI/2 BPSK	1	104	23.43	23.44	23.41		
20	PI/2 BPSK	50	0	23.38	23.45	23.41	24.0	0.0
20	PI/2 BPSK	50	28	23.41	23.43	23.45	24.0	0.0
20	PI/2 BPSK	50	56	23.29	23.29	23.33	24.0	0.0
20	PI/2 BPSK	100	0	23.36	23.41	23.32		
20	QPSK	1	1	23.57	23.61	23.48	24.0	0.0
20	QPSK	1	53	23.43	23.46	23.32		
20	QPSK	1	104	23.51	23.48	23.41		
20	QPSK	50	0	23.42	23.47	23.32	24.0	0.0
20	QPSK	50	28	23.46	23.49	23.40	24.0	0.0
20	QPSK	50	56	23.32	23.37	23.30	24.0	0.0
20	QPSK	100	0	23.33	23.45	23.36		
20	16QAM	1	1	23.36	23.51	23.45	24.0	0.0
20	64QAM	1	1	22.55	22.60	22.44	23.0	1.0
20	256QAM	1	1	20.15	20.19	20.08	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.52	23.48	23.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.36	23.42	23.21	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	23.30	23.25	23.16	24.0	0.0

n7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.81	15.77	15.63	17.3	0.0
50	PI/2 BPSK	1	135	15.69	15.72	15.60		
50	PI/2 BPSK	1	268	15.59	15.62	15.56		
50	PI/2 BPSK	135	0	15.76	15.82	15.64	17.3	0.0
50	PI/2 BPSK	135	68	15.52	15.63	15.60	17.3	0.0
50	PI/2 BPSK	135	135	15.60	15.70	15.63	17.3	0.0
50	PI/2 BPSK	270	0	15.63	15.65	15.60		
50	QPSK	1	1	15.79	15.92	15.89	17.3	0.0
50	QPSK	1	135	15.67	15.84	15.78		
50	QPSK	1	268	15.70	15.89	15.65		
50	QPSK	135	0	15.45	15.58	15.48	17.3	0.0
50	QPSK	135	68	15.72	15.78	15.71	17.3	0.0
50	QPSK	135	135	15.47	15.63	15.48	17.3	0.0
50	QPSK	270	0	15.42	15.55	15.46		
50	16QAM	1	1	15.47	15.68	15.52	17.3	0.0
50	64QAM	1	1	15.46	15.54	15.52	17.3	0.0
50	256QAM	1	1	15.54	15.60	15.48	17.3	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.68	15.80	15.74	17.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.75	15.83	15.73	17.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.74	15.75	15.72	17.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.64	15.86	15.72	17.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.76	15.80	15.75	17.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.68	15.88	15.77	17.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.64	15.81	15.82	17.3	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.58	23.68	23.58	24.0	0.0
15	PI/2 BPSK	1	40	23.57	23.59	23.57		
15	PI/2 BPSK	1	77	23.58	23.60	23.58		
15	PI/2 BPSK	36	0	23.19	23.27	23.16	24.0	0.0
15	PI/2 BPSK	36	22	23.57	23.56	23.61	24.0	0.0
15	PI/2 BPSK	36	43	23.27	23.25	23.28	24.0	0.0
15	PI/2 BPSK	75	0	23.27	23.28	23.29		
15	QPSK	1	1	23.62	23.79	23.67	24.0	0.0
15	QPSK	1	40	23.65	23.66	23.64		
15	QPSK	1	77	23.60	23.60	23.66		
15	QPSK	36	0	23.25	23.33	23.21	24.0	0.0
15	QPSK	36	22	23.60	23.68	23.54	24.0	0.0
15	QPSK	36	43	23.22	23.26	23.24	24.0	0.0
15	QPSK	75	0	23.26	23.35	23.24		
15	16QAM	1	1	23.43	23.53	23.45	24.0	0.0
15	64QAM	1	1	22.71	22.79	22.68	23.0	1.0
	256QAM	1	1	20.29	20.37	20.24	21.0	3.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.51	23.75	23.60	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.50	23.73	23.60	24.0	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.49		24.0	0.0
10	PI/2 BPSK	1	26		23.38			
10	PI/2 BPSK	1	50		23.39			
10	PI/2 BPSK	25	0		23.49		24.0	0.0
10	PI/2 BPSK	25	14		23.37		24.0	0.0
10	PI/2 BPSK	25	27		23.40		24.0	0.0
10	PI/2 BPSK	50	0		23.51			
10	QPSK	1	1		23.56		24.0	0.0
10	QPSK	1	26		23.44			
10	QPSK	1	50		23.48			
10	QPSK	25	0		23.48		24.0	0.0
10	QPSK	25	14		23.50		24.0	0.0
10	QPSK	25	27		23.41		24.0	0.0
10	QPSK	50	0		23.54			
10	16QAM	1	1		23.48		24.0	0.0
10	64QAM	1	1		22.94		23.0	1.0
10	256QAM	1	1		20.29		21.0	3.0
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.46	23.45	23.45	24.0	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.52	20.54	20.50	21.6	0.0
40	PI/2 BPSK	1	108	20.44	20.44	20.34		
40	PI/2 BPSK	1	214	20.40	20.44	20.25		
40	PI/2 BPSK	108	0	20.59	20.57	20.33	21.6	0.0
40	PI/2 BPSK	108	54	20.34	20.49	20.33	21.6	0.0
40	PI/2 BPSK	108	108	20.39	20.41	20.39	21.6	0.0
40	PI/2 BPSK	216	0	20.40	20.48	20.43		
40	QPSK	1	1	20.66	20.72	20.59	21.6	0.0
40	QPSK	1	108	20.39	20.55	20.48		
40	QPSK	1	214	20.44	20.53	20.54		
40	QPSK	108	0	20.26	20.29	20.31	21.6	0.0
40	QPSK	108	54	20.43	20.60	20.44	21.6	0.0
40	QPSK	108	108	20.30	20.44	20.22	21.6	0.0
40	QPSK	216	0	20.24	20.35	20.23		
40	16QAM	1	1	20.31	20.43	20.29	21.6	0.0
40	64QAM	1	1	19.73	20.67	19.68	21.5	0.1
40	256QAM	1	1	17.91	18.96	17.96	19.5	2.1
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	20.41	20.51	20.45	21.6	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.50	20.58	20.54	21.6	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.53	20.57	20.49	21.6	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	20.51	20.64	20.49	21.6	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.55	20.64	20.49	21.6	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.52	20.68	20.45	21.6	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.50	20.55	20.45	21.6	0.0

n26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.29	23.36	23.28	24.0	0.0
20	PI/2 BPSK	1	53	23.28	23.23	23.24		
20	PI/2 BPSK	1	104	23.27	23.27	23.25		
20	PI/2 BPSK	50	0	23.28	23.40	23.32	24.0	0.0
20	PI/2 BPSK	50	28	23.24	23.28	23.26	24.0	0.0
20	PI/2 BPSK	50	56	23.19	23.18	23.23		
20	PI/2 BPSK	100	0	23.22	23.31	23.22	24.0	0.0
20	QPSK	1	1	23.40	23.47	23.39		
20	QPSK	1	53	23.32	23.38	23.28	24.0	0.0
20	QPSK	1	104	23.33	23.36	23.27		
20	QPSK	50	0	23.24	23.33	23.23	24.0	0.0
20	QPSK	50	28	23.33	23.36	23.30	24.0	0.0
20	QPSK	50	56	23.16	23.17	23.18		
20	QPSK	100	0	23.17	23.27	23.20	24.0	0.0
20	16QAM	1	1	22.88	22.97	22.90	24.0	0.0
20	64QAM	1	1	22.25	22.37	22.26	23.0	1.0
20	256QAM	1	1	19.81	19.93	19.83	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.30	23.31	23.23	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.35	23.40	23.24	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	23.35	23.34	23.25	24.0	0.0

n30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		18.33		19.5	0.0
10	PI/2 BPSK	1	26		18.16			
10	PI/2 BPSK	1	50		18.24			
10	PI/2 BPSK	25	0		18.42		19.5	0.0
10	PI/2 BPSK	25	14		18.27		19.5	0.0
10	PI/2 BPSK	25	27		18.24		19.5	0.0
10	PI/2 BPSK	50	0		18.16			
10	QPSK	1	1		18.45		19.5	0.0
10	QPSK	1	26		18.36			
10	QPSK	1	50		18.36			
10	QPSK	25	0		18.05		19.5	0.0
10	QPSK	25	14		18.32		19.5	0.0
10	QPSK	25	27		18.18		19.5	0.0
10	QPSK	50	0		18.05			
10	16QAM	1	1		18.23		19.5	0.0
10	64QAM	1	1		18.07		19.5	0.0
10	256QAM	1	1		18.13		19.5	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	18.31	18.36	18.24	#REF!	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.65	20.67	20.43	22.4	0.0
40	PI/2 BPSK	1	108	20.50	20.55	20.45		
40	PI/2 BPSK	1	214	20.42	20.46	20.42		
40	PI/2 BPSK	108	0	20.57	20.62	20.49	22.4	0.0
40	PI/2 BPSK	108	54	20.44	20.50	20.46	22.4	0.0
40	PI/2 BPSK	108	108	20.41	20.58	20.41	22.4	0.0
40	PI/2 BPSK	216	0	20.50	20.49	20.49		
40	QPSK	1	1	20.65	20.82	20.67	22.4	0.0
40	QPSK	1	108	20.45	20.60	20.57		
40	QPSK	1	214	20.53	20.64	20.52		
40	QPSK	108	0	20.52	20.49	20.43	22.4	0.0
40	QPSK	108	54	20.55	20.79	20.50	22.4	0.0
40	QPSK	108	108	20.49	20.51	20.41	22.4	0.0
40	QPSK	216	0	20.42	20.78	20.42		
40	16QAM	1	1	20.43	20.51	20.44	22.4	0.0
40	64QAM	1	1	20.42	20.48	20.44	22.4	0.0
40	256QAM	1	1	19.72	19.83	19.75	21.0	1.4
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.42	20.54	20.48	22.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.53	20.57	20.56	22.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.60	20.68	20.50	22.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.59	20.68	20.54	22.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.60	20.63	20.59	22.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.59	20.56	20.55	22.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.53	20.69	20.64	22.4	0.0

n70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		21.36		23.1	0.0
15	PI/2 BPSK	1	40		21.32			
15	PI/2 BPSK	1	77		21.25			
15	PI/2 BPSK	36	0		21.37		23.1	0.0
15	PI/2 BPSK	36	22		21.20		23.1	0.0
15	PI/2 BPSK	36	43		21.26		23.1	0.0
15	PI/2 BPSK	75	0		21.24			
15	QPSK	1	1		21.56		23.1	0.0
15	QPSK	1	40		21.41			
15	QPSK	1	77		21.41			
15	QPSK	36	0		21.11		23.1	0.0
15	QPSK	36	22		21.51		23.1	0.0
15	QPSK	36	43		21.19		23.1	0.0
15	QPSK	75	0		21.42			
15	16QAM	1	1		21.27		23.1	0.0
15	64QAM	1	1		21.14		23.0	0.1
	256QAM	1	1		20.27		21.0	2.1
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	21.30	21.36	21.33	23.1	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	21.23	21.32	21.20	23.1	0.0

n71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.60	23.67	23.59	24.0	0.0
20	PI/2 BPSK	1	53	23.63	23.65	23.63		
20	PI/2 BPSK	1	104	23.60	23.59	23.65		
20	PI/2 BPSK	50	0	23.73	23.75	23.72	24.0	0.0
20	PI/2 BPSK	50	28	23.62	23.64	23.64	24.0	0.0
20	PI/2 BPSK	50	56	23.70	23.71	23.71	24.0	0.0
20	PI/2 BPSK	100	0	23.73	23.76	23.74		
20	QPSK	1	1	23.73	23.86	23.70	24.0	0.0
20	QPSK	1	53	23.66	23.65	23.67		
20	QPSK	1	104	23.68	23.68	23.65		
20	QPSK	50	0	23.61	23.68	23.65	24.0	0.0
20	QPSK	50	28	23.79	23.81	23.79	24.0	0.0
20	QPSK	50	56	23.65	23.67	23.65	24.0	0.0
20	QPSK	100	0	23.66	23.73	23.67		
20	16QAM	1	1	23.53	23.59	23.53	24.0	0.0
20	64QAM	1	1	22.62	22.70	22.65	23.0	1.0
20	256QAM	1	1	20.19	20.25	20.21	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.67	23.80	23.62	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.60	23.72	23.60	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.57	23.72	23.55	24.0	0.0

n38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.62	17.66	17.72	19.0	0.0
40	PI/2 BPSK	1	53	17.70	17.66	17.63		
40	PI/2 BPSK	1	104	17.73	17.64	17.68		
40	PI/2 BPSK	50	0	17.73	17.71	17.68	19.0	0.0
40	PI/2 BPSK	50	28	17.67	17.65	17.74	19.0	0.0
40	PI/2 BPSK	50	56	17.64	17.65	17.67	19.0	0.0
40	PI/2 BPSK	100	0	17.63	17.65	17.66		
40	QPSK	1	1	17.64	17.78	17.70	19.0	0.0
40	QPSK	1	53	17.67	17.65	17.70		
40	QPSK	1	104	17.65	17.70	17.71		
40	QPSK	50	0	17.66	17.65	17.63	19.0	0.0
40	QPSK	50	28	17.66	17.75	17.72	19.0	0.0
40	QPSK	50	56	17.73	17.72	17.74	19.0	0.0
40	QPSK	100	0	17.66	17.71	17.64		
40	16QAM	1	1	17.64	17.66	17.74	19.0	0.0
40	64QAM	1	1	17.66	17.66	17.67	19.0	0.0
40	256QAM	1	1	17.65	17.71	17.63	19.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.51	17.74	17.57	19.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	17.53	17.71	17.58	19.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.50	17.74	17.56	19.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.59	17.71	17.61	19.0	0.0

n41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.54	17.52	17.53	19.0	0.0
100	PI/2 BPSK	1	137	17.47	17.51	17.51		
100	PI/2 BPSK	1	271	17.51	17.46	17.48		
100	PI/2 BPSK	135	0	17.52	17.51	17.53	19.0	0.0
100	PI/2 BPSK	135	69	17.54	17.47	17.47	19.0	0.0
100	PI/2 BPSK	135	138	17.50	17.53	17.55	19.0	0.0
100	PI/2 BPSK	270	0	17.50	17.53	17.56		
100	QPSK	1	1	17.45	17.60	17.52	19.0	0.0
100	QPSK	1	137	17.50	17.55	17.45		
100	QPSK	1	271	17.53	17.44	17.50		
100	QPSK	135	0	17.48	17.50	17.52	19.0	0.0
100	QPSK	135	69	17.53	17.54	17.45	19.0	0.0
100	QPSK	135	138	17.49	17.49	17.51	19.0	0.0
100	QPSK	270	0	17.51	17.53	17.46		
100	16QAM	1	1	17.48	17.49	17.48	19.0	0.0
100	64QAM	1	1	17.56	17.54	17.45	19.0	0.0
100	256QAM	1	1	17.48	17.55	17.53	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.38	17.50	17.42	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.39	17.53	17.45	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.38	17.48	17.45	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.32	17.52	17.39	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.36	17.44	17.43	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.38	17.51	17.43	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.30	17.53	17.40	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.35	17.56	17.41	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.39	17.55	17.37	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.40	17.47	17.37	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.83	20.73	20.84	22.0	0.0
100	PI/2 BPSK	1	137	20.83	20.77	20.82		
100	PI/2 BPSK	1	271	20.74	20.80	20.75		
100	PI/2 BPSK	135	0	20.74	20.79	20.73	22.0	0.0
100	PI/2 BPSK	135	69	20.77	20.75	20.80	22.0	0.0
100	PI/2 BPSK	135	138	20.82	20.73	20.75	22.0	0.0
100	PI/2 BPSK	270	0	20.74	20.76	20.80		
100	QPSK	1	1	20.82	20.88	20.73	22.0	0.0
100	QPSK	1	137	20.73	20.77	20.75		
100	QPSK	1	271	20.76	20.81	20.77		
100	QPSK	135	0	20.75	20.74	20.82	22.0	0.0
100	QPSK	135	69	20.78	20.86	20.83	22.0	0.0
100	QPSK	135	138	20.84	20.77	20.73	22.0	0.0
100	QPSK	270	0	20.77	20.85	20.84		
100	16QAM	1	1	20.76	20.82	20.76	22.0	0.0
100	64QAM	1	1	19.86	19.71	19.79	21.0	1.0
100	256QAM	1	1	18.74	18.84	18.82	20.0	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.71	20.80	20.60	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.68	20.80	20.59	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.75	20.80	20.67	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.78	20.80	20.58	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.68	20.80	20.66	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.68	20.75	20.68	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.77	20.81	20.58	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.73	20.78	20.59	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.68	20.76	20.68	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.69	20.75	20.62	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	15.47	15.58	15.47	16.5	0.0
40	PI/2 BPSK	1	53	15.51	15.54	15.52		
40	PI/2 BPSK	1	104	15.45	15.52	15.44		
40	PI/2 BPSK	50	0	15.60	15.61	15.62	16.0	0.5
40	PI/2 BPSK	50	28	15.50	15.53	15.48	16.5	0.0
40	PI/2 BPSK	50	56	15.35	15.46	15.38	16.0	0.5
40	PI/2 BPSK	100	0	15.51	15.54	15.52		
40	QPSK	1	1	15.17	15.64	15.32	16.5	0.0
40	QPSK	1	53	15.40	15.53	15.46		
40	QPSK	1	104	15.42	15.50	15.41		
40	QPSK	50	0	14.29	14.35	14.30	15.5	1.0
40	QPSK	50	28	15.44	15.53	15.51	16.5	0.0
40	QPSK	50	56	14.12	14.25	14.19	15.5	1.0
40	QPSK	100	0	13.93	14.06	14.01		
40	16QAM	1	1	13.67	13.75	13.68	15.5	1.0
40	64QAM	1	1	12.34	12.43	12.33	14.0	2.5
40	256QAM	1	1	10.73	10.75	10.64	12.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	15.06	15.62	15.24	16.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	15.10	15.51	15.20	16.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	15.12	15.55	15.21	16.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	15.14	15.57	15.28	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.38	18.37	18.26	19.0	0.0
100	PI/2 BPSK	1	137	18.20	18.34	18.14		
100	PI/2 BPSK	1	271	18.22	18.31	18.14		
100	PI/2 BPSK	135	0	18.36	18.51	18.16	19.0	0.0
100	PI/2 BPSK	135	69	18.13	18.31	18.23	19.0	0.0
100	PI/2 BPSK	135	138	18.13	18.29	18.20	19.0	0.0
100	PI/2 BPSK	270	0	18.22	18.22	18.28		
100	QPSK	1	1	18.46	18.55	18.43	19.0	0.0
100	QPSK	1	137	18.25	18.47	18.41		
100	QPSK	1	271	18.31	18.43	18.36		
100	QPSK	135	0	18.02	18.16	18.16	19.0	0.0
100	QPSK	135	69	18.27	18.45	18.25	19.0	0.0
100	QPSK	135	138	18.10	18.20	18.07	19.0	0.0
100	QPSK	270	0	18.01	18.15	18.00		
100	16QAM	1	1	18.18	18.19	18.15	19.0	0.0
100	64QAM	1	1	18.12	18.19	18.02	19.0	0.0
100	256QAM	1	1	16.27	16.39	16.27	17.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.31	18.47	18.32	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.35	18.41	18.39	19.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.38	18.41	18.37	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.38	18.45	18.31	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.42	18.42	18.38	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.32	18.39	18.40	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.41	18.44	18.34	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.41	18.51	18.27	19.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.41	18.49	18.32	19.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.34	18.50	18.36	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.67	20.75	20.71	22.0	0.0
100	PI/2 BPSK	1	137	20.65	20.72	20.61		
100	PI/2 BPSK	1	271	20.62	20.70	20.58		
100	PI/2 BPSK	135	0	19.74	19.81	19.69	21.5	0.5
100	PI/2 BPSK	135	69	20.50	20.64	20.55	22.0	0.0
100	PI/2 BPSK	135	138	20.18	20.21	20.14	21.5	0.5
100	PI/2 BPSK	270	0	20.11	20.23	20.13		
100	QPSK	1	1	20.70	20.97	20.67	22.0	0.0
100	QPSK	1	137	20.83	20.88	20.83		
100	QPSK	1	271	20.79	20.84	20.81		
100	QPSK	135	0	18.62	18.74	18.67	19.0	3.0
100	QPSK	135	69	20.85	20.92	20.87	22.0	0.0
100	QPSK	135	138	18.71	18.74	18.64	19.0	3.0
100	QPSK	270	0	18.70	18.79	18.67		
100	16QAM	1	1	19.64	19.72	19.69	21.0	1.0
100	64QAM	1	1	18.58	18.67	18.64	19.5	2.5
100	256QAM	1	1	16.27	16.39	16.27	17.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.68	20.90	20.64	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.59	20.93	20.55	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.60	20.92	20.53	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.61	20.83	20.57	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.57	20.88	20.62	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.62	20.93	20.59	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.59	20.94	20.59	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.59	20.89	20.58	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.58	20.90	20.61	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.67	20.90	20.63	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.09	20.09	19.95	21.3	0.0
40	PI/2 BPSK	1	53	19.80	19.86	19.80		
40	PI/2 BPSK	1	104	19.90	19.88	19.67		
40	PI/2 BPSK	50	0	20.05	20.07	19.91	21.3	0.0
40	PI/2 BPSK	50	28	19.82	19.86	19.88	21.3	0.0
40	PI/2 BPSK	50	56	19.77	19.89	19.78	21.3	0.0
40	PI/2 BPSK	100	0	19.80	19.84	19.88		
40	QPSK	1	1	20.05	20.15	20.13	21.3	0.0
40	QPSK	1	53	19.97	19.97	19.94		
40	QPSK	1	104	19.85	20.01	19.99		
40	QPSK	50	0	19.64	19.77	19.79	21.3	0.0
40	QPSK	50	28	19.87	20.07	19.88	21.3	0.0
40	QPSK	50	56	19.75	19.92	19.68	21.3	0.0
40	QPSK	100	0	19.62	19.84	19.73		
40	16QAM	1	1	19.70	19.92	19.83	21.3	0.0
40	64QAM	1	1	19.75	19.86	19.62	20.5	0.8
40	256QAM	1	1	17.10	17.17	17.03	18.5	2.8
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.00	19.90	20.10	21.3	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.90	19.92	20.10	21.3	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.90	19.98	20.01	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.17	17.10	17.02	18.5	0.0
100	PI/2 BPSK	1	137	16.96	17.03	16.94		
100	PI/2 BPSK	1	271	16.96	16.94	16.79		
100	PI/2 BPSK	135	0	17.13	17.21	16.96	18.5	0.0
100	PI/2 BPSK	135	69	16.97	16.96	16.94	18.5	0.0
100	PI/2 BPSK	135	138	16.93	16.95	16.91	18.5	0.0
100	PI/2 BPSK	270	0	16.86	17.05	16.98		
100	QPSK	1	1	17.20	17.25	17.23	18.5	0.0
100	QPSK	1	137	16.94	17.10	17.03		
100	QPSK	1	271	17.01	17.19	17.01		
100	QPSK	135	0	16.77	16.84	16.80	18.5	0.0
100	QPSK	135	69	17.01	17.10	17.06	18.5	0.0
100	QPSK	135	138	16.84	16.98	16.88	18.5	0.0
100	QPSK	270	0	16.77	16.94	16.78		
100	16QAM	1	1	16.90	16.95	16.83	18.5	0.0
100	64QAM	1	1	16.79	16.87	16.81	18.5	0.0
100	256QAM	1	1	16.88	16.95	16.82	17.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.09	17.13	17.17	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.14	17.17	17.16	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.06	17.16	17.19	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.12	17.16	17.14	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.11	17.16	17.20	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.14	17.13	17.09	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.03	17.13	17.18	18.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.14	17.16	17.20	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.12	17.14	17.17	18.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.06	17.15	17.13	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.15	17.06	17.08	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.13	20.10	20.02	21.5	0.0
100	PI/2 BPSK	1	137	20.05	20.11	20.01		
100	PI/2 BPSK	1	271	19.94	20.01	19.83		
100	PI/2 BPSK	135	0	20.19	20.21	20.05	21.5	0.0
100	PI/2 BPSK	135	69	20.01	20.10	20.02	21.5	0.0
100	PI/2 BPSK	135	138	19.92	20.05	19.99	21.5	0.0
100	PI/2 BPSK	270	0	20.04	20.04	19.98		
100	QPSK	1	1	20.26	20.29	20.18	21.5	0.0
100	QPSK	1	137	20.07	20.16	20.07		
100	QPSK	1	271	19.99	20.20	20.10		
100	QPSK	135	0	19.87	19.93	19.81	21.5	0.0
100	QPSK	135	69	20.12	20.21	20.09	21.5	0.0
100	QPSK	135	138	19.83	19.97	19.83	21.5	0.0
100	QPSK	270	0	19.80	19.94	19.82		
100	16QAM	1	1	19.83	19.96	19.82	21.5	0.0
100	64QAM	1	1	19.90	20.01	19.81	21.5	0.0
100	256QAM	1	1	19.44	19.50	19.36	20.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.13	20.25	20.06	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.12	20.21	20.15	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.12	20.21	20.07	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.19	20.23	20.09	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.22	20.19	20.12	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.16	20.12	20.04	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.10	20.18	20.05	21.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.10	20.25	20.12	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.17	20.23	20.12	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.18	20.15	20.05	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.18	20.23	20.11	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.49		18.5	0.0
100	PI/2 BPSK	1	137		17.31			
100	PI/2 BPSK	1	271		17.27			
100	PI/2 BPSK	135	0		17.54		18.5	0.0
100	PI/2 BPSK	135	69		17.33		18.5	0.0
100	PI/2 BPSK	135	138		17.33		18.5	0.0
100	PI/2 BPSK	270	0		17.31			
100	QPSK	1	1		17.56		18.5	0.0
100	QPSK	1	137		17.41			
100	QPSK	1	271		17.43			
100	QPSK	135	0		17.18		18.5	0.0
100	QPSK	135	69		17.52		18.5	0.0
100	QPSK	135	138		17.32		18.5	0.0
100	QPSK	270	0		17.18			
100	16QAM	1	1		17.37		18.5	0.0
100	64QAM	1	1		17.21		18.5	0.0
100	256QAM	1	1		17.25		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.41	17.44	17.34	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.43	17.40	17.39	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.35	17.36	17.43	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.38	17.44	17.43	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.45	17.44	17.41	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.38	17.40	17.38	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.40	17.34	17.42	18.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.37	17.42	17.40	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.40	17.46	17.34	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.42	17.46	17.32	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.47	17.36	17.43	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.53		21.5	0.0
100	PI/2 BPSK	1	137		20.45			
100	PI/2 BPSK	1	271		20.47			
100	PI/2 BPSK	135	0		20.58		21.5	0.0
100	PI/2 BPSK	135	69		20.45		21.5	0.0
100	PI/2 BPSK	135	138		20.49		21.5	0.0
100	PI/2 BPSK	270	0		20.41			
100	QPSK	1	1		20.62		21.5	0.0
100	QPSK	1	137		20.49			
100	QPSK	1	271		20.55			
100	QPSK	135	0		20.23		21.5	0.0
100	QPSK	135	69		20.51		21.5	0.0
100	QPSK	135	138		20.34		21.5	0.0
100	QPSK	270	0		20.24			
100	16QAM	1	1		20.41		21.5	0.0
100	64QAM	1	1		20.25		21.5	0.0
100	256QAM	1	1		20.42		20.5	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.44	20.47	20.47	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.49	20.42	20.46	21.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.49	20.41	20.49	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.50	20.46	20.53	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.45	20.40	20.43	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.42	20.39	20.44	21.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.54	20.42	20.48	21.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.48	20.43	20.48	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.53	20.46	20.42	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.54	20.51	20.50	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.48	20.45	20.54	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.23		18.5	0.0
100	PI/2 BPSK	1	137		16.92			
100	PI/2 BPSK	1	271		16.95			
100	PI/2 BPSK	135	0		17.12		18.5	0.0
100	PI/2 BPSK	135	69		16.99		18.5	0.0
100	PI/2 BPSK	135	138		16.96		18.5	0.0
100	PI/2 BPSK	270	0		16.91			
100	QPSK	1	1		17.25		18.5	0.0
100	QPSK	1	137		16.91			
100	QPSK	1	271		16.97			
100	QPSK	135	0		16.71		18.5	0.0
100	QPSK	135	69		16.99		18.5	0.0
100	QPSK	135	138		16.83		18.5	0.0
100	QPSK	270	0		16.76			
100	16QAM	1	1		16.89		18.5	0.0
100	64QAM	1	1		16.82		18.5	0.0
100	256QAM	1	1		16.87		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.12	17.11	17.13	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.13	17.10	17.23	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.03	17.10	17.23	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.10	17.16	17.10	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.12	17.18	17.16	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.13	17.16	17.15	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.15	17.11	17.24	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.12	17.11	17.13	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.12	17.11	17.18	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.03	17.10	17.19	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.09	17.14	17.12	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.13		21.5	0.0
100	PI/2 BPSK	1	137		20.18			
100	PI/2 BPSK	1	271		20.07			
100	PI/2 BPSK	135	0		20.15		21.5	0.0
100	PI/2 BPSK	135	69		20.14		21.5	0.0
100	PI/2 BPSK	135	138		20.10		21.5	0.0
100	PI/2 BPSK	270	0		20.07			
100	QPSK	1	1		20.28		21.5	0.0
100	QPSK	1	137		20.11			
100	QPSK	1	271		20.19			
100	QPSK	135	0		19.87		21.5	0.0
100	QPSK	135	69		20.21		21.5	0.0
100	QPSK	135	138		19.91		21.5	0.0
100	QPSK	270	0		19.91			
100	16QAM	1	1		19.99		21.5	0.0
100	64QAM	1	1		20.02		21.5	0.0
100	256QAM	1	1		19.44		20.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.16	20.24	20.04	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.09	20.25	20.01	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.12	20.18	20.04	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.12	20.20	20.02	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.10	20.21	20.09	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.19	20.27	20.01	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.07	20.25	20.07	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	20.17	20.27	20.01	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.20	20.27	20.02	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.19	20.23	20.09	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.19	20.21	20.03	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.47		18.5	0.0
100	PI/2 BPSK	1	137		17.33			
100	PI/2 BPSK	1	271		17.27			
100	PI/2 BPSK	135	0		17.60		18.5	0.0
100	PI/2 BPSK	135	69		17.27		18.5	0.0
100	PI/2 BPSK	135	138		17.40		18.5	0.0
100	PI/2 BPSK	270	0		17.33			
100	QPSK	1	1		17.57		18.5	0.0
100	QPSK	1	137		17.48			
100	QPSK	1	271		17.48			
100	QPSK	135	0		17.24		18.5	0.0
100	QPSK	135	69		17.56		18.5	0.0
100	QPSK	135	138		17.30		18.5	0.0
100	QPSK	270	0		17.18			
100	16QAM	1	1		17.32		18.5	0.0
100	64QAM	1	1		17.16		18.5	0.0
100	256QAM	1	1		17.28		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.41	17.44	17.36	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.36	17.45	17.34	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.46	17.37	17.39	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.40	17.50	17.27	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.40	17.37	17.30	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.39	17.38	17.38	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.40	17.38	17.29	18.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.36	17.39	17.31	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.40	17.50	17.32	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.42	17.40	17.33	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.44	17.39	17.29	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.55		21.5	0.0
100	PI/2 BPSK	1	137		20.52			
100	PI/2 BPSK	1	271		20.54			
100	PI/2 BPSK	135	0		20.64		21.5	0.0
100	PI/2 BPSK	135	69		20.51		21.5	0.0
100	PI/2 BPSK	135	138		20.51		21.5	0.0
100	PI/2 BPSK	270	0		20.38			
100	QPSK	1	1		20.63		21.5	0.0
100	QPSK	1	137		20.53			
100	QPSK	1	271		20.52			
100	QPSK	135	0		20.20		21.5	0.0
100	QPSK	135	69		20.45		21.5	0.0
100	QPSK	135	138		20.38		21.5	0.0
100	QPSK	270	0		20.28			
100	16QAM	1	1		20.38		21.5	0.0
100	64QAM	1	1		20.27		21.5	0.0
100	256QAM	1	1		20.40		20.5	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.45	20.47	20.50	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.39	20.49	20.52	21.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.46	20.40	20.45	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.50	20.49	20.53	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.51	20.52	20.50	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.38	20.44	20.49	21.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.43	20.52	20.51	21.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.47	20.48	20.43	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.42	20.41	20.46	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.45	20.40	20.43	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.38	20.53	20.42	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	20.96	20.92	20.77	22.3	0.0
50	PI/2 BPSK	1	135	20.74	20.79	20.69		
50	PI/2 BPSK	1	268	20.72	20.87	20.66		
50	PI/2 BPSK	135	0	20.91	20.92	20.72	22.3	0.0
50	PI/2 BPSK	135	68	20.75	20.79	20.77	22.3	0.0
50	PI/2 BPSK	135	135	20.74	20.88	20.65	22.3	0.0
50	PI/2 BPSK	270	0	20.74	20.81	20.81		
50	QPSK	1	1	20.98	21.01	20.99	22.3	0.0
50	QPSK	1	135	20.78	20.90	20.81		
50	QPSK	1	268	20.79	20.89	20.83		
50	QPSK	135	0	20.53	20.73	20.69	22.3	0.0
50	QPSK	135	68	20.86	20.96	20.85	22.3	0.0
50	QPSK	135	135	20.62	20.81	20.59	22.3	0.0
50	QPSK	270	0	20.51	20.68	20.60		
50	16QAM	1	1	20.69	20.81	20.68	22.3	0.0
50	64QAM	1	1	20.61	20.74	20.54	22.3	0.0
50	256QAM	1	1	20.02	20.12	20.06	21.0	1.3
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.92	20.97	20.93	22.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.89	20.85	20.92	22.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.94	20.94	20.89	22.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.93	20.96	20.83	22.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.83	20.91	20.85	22.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.91	20.95	20.95	22.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.90	20.88	20.84	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		22.23		23.7	0.0
10	PI/2 BPSK	1	26		22.23			
10	PI/2 BPSK	1	50		22.22			
10	PI/2 BPSK	25	0		22.36		23.7	0.0
10	PI/2 BPSK	25	14		22.19		23.7	0.0
10	PI/2 BPSK	25	27		22.17		23.7	0.0
10	PI/2 BPSK	50	0		22.21			
10	QPSK	1	1		22.40		23.7	0.0
10	QPSK	1	26		22.32			
10	QPSK	1	50		22.32			
10	QPSK	25	0		21.97		23.7	0.0
10	QPSK	25	14		22.23		23.7	0.0
10	QPSK	25	27		22.18		23.7	0.0
10	QPSK	50	0		22.06			
10	16QAM	1	1		22.12		23.7	0.0
10	64QAM	1	1		22.24		23.0	0.7
10	256QAM	1	1		20.41		21.0	2.7
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.17	22.27	22.21	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.78	23.91	23.79	25.0	0.0
40	PI/2 BPSK	1	53	23.75	23.85	23.74		
40	PI/2 BPSK	1	104	23.90	23.94	23.81		
40	PI/2 BPSK	50	0	23.40	23.44	23.31	24.5	0.5
40	PI/2 BPSK	50	28	23.72	23.83	23.70	25.0	0.0
40	PI/2 BPSK	50	56	23.34	23.41	23.28	24.5	0.5
40	PI/2 BPSK	100	0	23.41	23.46	23.43		
40	QPSK	1	1	23.95	23.96	23.89	25.0	0.0
40	QPSK	1	53	23.79	23.91	23.83		
40	QPSK	1	104	23.88	23.92	23.88		
40	QPSK	50	0	22.91	22.98	22.85	24.0	1.0
40	QPSK	50	28	23.78	23.86	23.84	25.0	0.0
40	QPSK	50	56	22.69	22.81	22.76	24.0	1.0
40	QPSK	100	0	22.72	22.85	22.81		
40	16QAM	1	1	23.14	23.21	23.10	24.0	1.0
40	64QAM	1	1	21.72	21.77	21.64	22.5	2.5
40	256QAM	1	1	19.36	19.45	19.33	20.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.86	23.86	23.78	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.83	23.93	23.82	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.85	23.90	23.87	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.93	23.88	23.82	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.36	23.45	23.38	25.0	0.0
100	PI/2 BPSK	1	137	23.43	23.50	23.44		
100	PI/2 BPSK	1	271	23.49	23.56	23.46		
100	PI/2 BPSK	135	0	23.43	23.56	23.44	25.0	0.0
100	PI/2 BPSK	135	69	23.53	23.55	23.43	25.0	0.0
100	PI/2 BPSK	135	138	23.51	23.59	23.49	25.0	0.0
100	PI/2 BPSK	270	0	23.41	23.52	23.43		
100	QPSK	1	1	23.15	23.61	23.35	25.0	0.0
100	QPSK	1	137	23.47	23.49	23.36		
100	QPSK	1	271	23.46	23.49	23.37		
100	QPSK	135	0	23.42	23.55	23.46	25.0	0.0
100	QPSK	135	69	23.56	23.59	23.48	25.0	0.0
100	QPSK	135	138	23.49	23.52	23.41	25.0	0.0
100	QPSK	270	0	23.18	23.58	23.24		
100	16QAM	1	1	23.11	23.19	23.11	25.0	0.0
100	64QAM	1	1	23.08	23.20	23.07	24.0	1.0
100	256QAM	1	1	20.43	20.57	20.53	22.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.05	23.48	23.30	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.05	23.58	23.27	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.02	23.48	23.25	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.09	23.49	23.22	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.05	23.47	23.30	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.11	23.58	23.27	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.02	23.48	23.24	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.06	23.51	23.26	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.05	23.47	23.30	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.07	23.57	23.27	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.01	24.10	24.20	26.0	0.0
100	PI/2 BPSK	1	137	24.31	24.36	24.28		
100	PI/2 BPSK	1	271	24.30	24.43	24.32		
100	PI/2 BPSK	135	0	24.11	24.20	24.11	25.5	0.5
100	PI/2 BPSK	135	69	24.36	24.43	24.40	26.0	0.0
100	PI/2 BPSK	135	138	24.36	24.42	24.37	25.5	0.5
100	PI/2 BPSK	270	0	24.17	24.23	24.15		
100	QPSK	1	1	24.45	24.46	24.42	26.0	0.0
100	QPSK	1	137	24.23	24.36	24.30		
100	QPSK	1	271	24.32	24.40	24.32		
100	QPSK	135	0	23.51	23.56	23.43	25.0	1.0
100	QPSK	135	69	24.33	24.37	24.26	26.0	0.0
100	QPSK	135	138	24.28	24.32	24.26	25.0	1.0
100	QPSK	270	0	23.18	23.58	23.24		
100	16QAM	1	1	23.40	23.50	23.41	25.0	1.0
100	64QAM	1	1	22.91	23.04	22.95	23.5	2.5
100	256QAM	1	1	20.47	20.58	20.50	21.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.42	24.35	24.32	26.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.38	24.35	24.29	26.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.35	24.38	24.28	26.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.42	24.37	24.39	26.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.42	24.41	24.33	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.36	24.36	24.36	26.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.34	24.35	24.32	26.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.32	24.33	24.31	26.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.36	24.39	24.38	26.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.32	24.33	24.33	26.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.63	18.65	18.40	19.6	0.0
40	PI/2 BPSK	1	53	18.39	18.49	18.33		
40	PI/2 BPSK	1	104	18.34	18.39	18.31		
40	PI/2 BPSK	50	0	18.59	18.66	18.42	19.6	0.0
40	PI/2 BPSK	50	28	18.32	18.50	18.43	19.6	0.0
40	PI/2 BPSK	50	56	18.29	18.54	18.33	19.6	0.0
40	PI/2 BPSK	100	0	18.35	18.41	18.43		
40	QPSK	1	1	18.57	18.69	18.62	19.6	0.0
40	QPSK	1	53	18.40	18.53	18.49		
40	QPSK	1	104	18.40	18.67	18.51		
40	QPSK	50	0	18.26	18.35	18.24	19.6	0.0
40	QPSK	50	28	18.47	18.54	18.53	19.6	0.0
40	QPSK	50	56	18.22	18.40	18.21	19.6	0.0
40	QPSK	100	0	18.23	18.32	18.23		
40	16QAM	1	1	18.28	18.42	18.36	19.6	0.0
40	64QAM	1	1	18.28	18.31	18.22	19.6	0.0
40	256QAM	1	1	18.35	18.44	18.35	19.6	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.45	18.64	18.50	19.6	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.42	18.65	18.48	19.6	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.40	18.65	18.56	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.64	17.62	17.44	19.3	0.0
100	PI/2 BPSK	1	137	17.39	17.41	17.41		
100	PI/2 BPSK	1	271	17.40	17.48	17.54		
100	PI/2 BPSK	135	0	17.49	17.63	17.43	19.3	0.0
100	PI/2 BPSK	135	69	17.36	17.41	17.46	19.3	0.0
100	PI/2 BPSK	135	138	17.50	17.51	17.42	19.3	0.0
100	PI/2 BPSK	270	0	17.34	17.45	17.38		
100	QPSK	1	1	17.66	17.71	17.65	19.3	0.0
100	QPSK	1	137	17.43	17.63	17.50		
100	QPSK	1	271	17.48	17.65	17.56		
100	QPSK	135	0	17.45	17.31	17.49	19.3	0.0
100	QPSK	135	69	17.55	17.56	17.45	19.3	0.0
100	QPSK	135	138	17.35	17.34	17.34	19.3	0.0
100	QPSK	270	0	17.51	17.55	17.45		
100	16QAM	1	1	17.55	17.47	17.36	19.3	0.0
100	64QAM	1	1	17.48	17.39	17.53	19.3	0.0
100	256QAM	1	1	17.49	17.45	17.54	19.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.59	17.65	17.62	19.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.59	17.62	17.59	19.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.54	17.61	17.49	19.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.60	17.59	17.52	19.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.58	17.65	17.50	19.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.51	17.57	17.57	19.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.54	17.68	17.62	19.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.52	17.66	17.50	19.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.51	17.68	17.61	19.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.57	17.67	17.49	19.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.52	17.55	17.57	19.3	0.0

Part27O n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.50	20.52	20.39	22.3	0.0
100	PI/2 BPSK	1	137	20.43	20.48	20.32		
100	PI/2 BPSK	1	271	20.39	20.39	20.47		
100	PI/2 BPSK	135	0	20.50	20.63	20.52	22.3	0.0
100	PI/2 BPSK	135	69	20.33	20.48	20.40	22.3	0.0
100	PI/2 BPSK	135	138	20.39	20.46	20.35	22.3	0.0
100	PI/2 BPSK	270	0	20.34	20.39	20.41		
100	QPSK	1	1	20.64	20.65	20.59	22.3	0.0
100	QPSK	1	137	20.37	20.56	20.48		
100	QPSK	1	271	20.41	20.62	20.41		
100	QPSK	135	0	20.47	20.47	20.40	22.3	0.0
100	QPSK	135	69	20.46	20.51	20.42	22.3	0.0
100	QPSK	135	138	20.43	20.33	20.45	22.3	0.0
100	QPSK	270	0	20.39	20.43	20.41		
100	16QAM	1	1	20.52	20.42	20.40	22.3	0.0
100	64QAM	1	1	20.49	20.50	20.42	22.3	0.0
100	256QAM	1	1	20.36	20.31	20.47	22.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.56	20.59	20.45	22.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.52	20.54	20.45	22.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.53	20.52	20.46	22.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.47	20.60	20.43	22.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.58	20.60	20.48	22.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.53	20.52	20.43	22.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.49	20.55	20.51	22.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.54	20.56	20.47	22.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.52	20.52	20.48	22.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.58	20.59	20.53	22.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.53	20.53	20.53	22.3	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.61		19.3	0.0
100	PI/2 BPSK	1	137		17.51			
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.61		19.3	0.0
100	PI/2 BPSK	135	69		17.50		19.3	0.0
100	PI/2 BPSK	135	138		17.49		19.3	0.0
100	PI/2 BPSK	270	0		17.48			
100	QPSK	1	1		17.70		19.3	0.0
100	QPSK	1	137		17.63			
100	QPSK	1	271		17.57			
100	QPSK	135	0		17.38		19.3	0.0
100	QPSK	135	69		17.56		19.3	0.0
100	QPSK	135	138		17.38		19.3	0.0
100	QPSK	270	0		17.33			
100	16QAM	1	1		17.39		19.3	0.0
100	64QAM	1	1		17.44		19.3	0.0
100	256QAM	1	1		17.42		19.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.48	17.57	17.64	19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.50	17.61	17.63	19.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.49	17.64	17.62	19.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.40	17.66	17.61	19.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.42	17.56	17.64	19.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.52	17.62	17.56	19.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.51	17.63	17.60	19.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.41	17.61	17.54	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.53	17.63	17.55	19.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.51	17.61	17.60	19.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.45	17.69	17.56	19.3	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.52		22.3	0.0
100	PI/2 BPSK	1	137		20.44			
100	PI/2 BPSK	1	271		20.39			
100	PI/2 BPSK	135	0		20.54		22.3	0.0
100	PI/2 BPSK	135	69		20.42		22.3	0.0
100	PI/2 BPSK	135	138		20.48		22.3	0.0
100	PI/2 BPSK	270	0		20.42			
100	QPSK	1	1		20.65		22.3	0.0
100	QPSK	1	137		20.61			
100	QPSK	1	271		20.64			
100	QPSK	135	0		20.35		22.3	0.0
100	QPSK	135	69		20.58		22.3	0.0
100	QPSK	135	138		20.36		22.3	0.0
100	QPSK	270	0		20.36			
100	16QAM	1	1		20.37		22.3	0.0
100	64QAM	1	1		20.39		22.3	0.0
100	256QAM	1	1		20.45		22.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.53	20.50	20.56	22.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.54	20.61	20.52	22.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.52	20.57	20.51	22.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.54	20.60	20.49	22.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.48	20.55	20.56	22.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.51	20.58	20.57	22.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.52	20.60	20.52	22.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.60	20.61	20.48	22.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.59	20.55	20.54	22.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.51	20.54	20.50	22.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.51	20.58	20.53	22.3	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.63		19.3	0.0
100	PI/2 BPSK	1	137		17.47			
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.58		19.3	0.0
100	PI/2 BPSK	135	69		17.39		19.3	0.0
100	PI/2 BPSK	135	138		17.58		19.3	0.0
100	PI/2 BPSK	270	0		17.50			
100	QPSK	1	1		17.72		19.3	0.0
100	QPSK	1	137		17.58			
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.36		19.3	0.0
100	QPSK	135	69		17.57		19.3	0.0
100	QPSK	135	138		17.33		19.3	0.0
100	QPSK	270	0		17.61			
100	16QAM	1	1		17.45		19.3	0.0
100	64QAM	1	1		17.44		19.3	0.0
100	256QAM	1	1		17.41		19.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.60	17.70	17.56	19.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.56	17.71	17.59	19.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.55	17.71	17.63	19.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.59	17.69	17.55	19.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.58	17.59	17.61	19.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.59	17.62	17.63	19.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.53	17.63	17.64	19.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.54	17.62	17.55	19.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.65	17.64	17.58	19.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.59	17.64	17.62	19.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.53	17.65	17.61	19.3	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.46		22.3	0.0
100	PI/2 BPSK	1	137		20.48			
100	PI/2 BPSK	1	271		20.35			
100	PI/2 BPSK	135	0		20.62		22.3	0.0
100	PI/2 BPSK	135	69		20.42		22.3	0.0
100	PI/2 BPSK	135	138		20.43		22.3	0.0
100	PI/2 BPSK	270	0		20.40			
100	QPSK	1	1		20.63		22.3	0.0
100	QPSK	1	137		20.58			
100	QPSK	1	271		20.55			
100	QPSK	135	0		20.49		22.3	0.0
100	QPSK	135	69		20.48		22.3	0.0
100	QPSK	135	138		20.35		22.3	0.0
100	QPSK	270	0		20.44			
100	16QAM	1	1		20.48		22.3	0.0
100	64QAM	1	1		20.45		22.3	0.0
100	256QAM	1	1		20.38		22.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.42	20.42	20.51	22.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.55	20.60	20.46	22.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.54	20.57	20.48	22.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.49	20.54	20.46	22.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.51	20.34	20.51	22.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.54	20.32	20.41	22.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.52	20.32	20.42	22.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.51	20.58	20.49	22.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.56	20.58	20.49	22.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.55	20.36	20.50	22.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.59	20.55	20.40	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.59		19.3	0.0
100	PI/2 BPSK	1	137		17.57			
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	135	0		17.65		19.3	0.0
100	PI/2 BPSK	135	69		17.51		19.3	0.0
100	PI/2 BPSK	135	138		17.54		19.3	0.0
100	PI/2 BPSK	270	0		17.49			
100	QPSK	1	1		17.66		19.3	0.0
100	QPSK	1	137		17.62			
100	QPSK	1	271		17.60			
100	QPSK	135	0		17.38		19.3	0.0
100	QPSK	135	69		17.58		19.3	0.0
100	QPSK	135	138		17.43		19.3	0.0
100	QPSK	270	0		17.32			
100	16QAM	1	1		17.33		19.3	0.0
100	64QAM	1	1		17.48		19.3	0.0
100	256QAM	1	1		17.44		19.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.46	17.59	17.65	19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.45	17.61	17.61	19.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.50	17.53	17.61	19.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.50	17.56	17.63	19.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.55	17.59	17.59	19.3	0.0
Channel				631334	633334	633334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.42	17.55	17.63	19.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.55	17.61	17.64	19.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.42	17.63	17.63	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.48	17.51	17.59	19.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.49	17.53	17.64	19.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.55	17.50	17.62	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.51		22.3	0.0
100	PI/2 BPSK	1	137		20.46			
100	PI/2 BPSK	1	271		20.42			
100	PI/2 BPSK	135	0		20.54		22.3	0.0
100	PI/2 BPSK	135	69		20.37		22.3	0.0
100	PI/2 BPSK	135	138		20.48		22.3	0.0
100	PI/2 BPSK	270	0		20.43			
100	QPSK	1	1		20.70		22.3	0.0
100	QPSK	1	137		20.60			
100	QPSK	1	271		20.58			
100	QPSK	135	0		20.39		22.3	0.0
100	QPSK	135	69		20.55		22.3	0.0
100	QPSK	135	138		20.39		22.3	0.0
100	QPSK	270	0		20.40			
100	16QAM	1	1		20.31		22.3	0.0
100	64QAM	1	1		20.44		22.3	0.0
100	256QAM	1	1		20.52		22.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.50	20.51	20.61	22.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.54	20.52	20.50	22.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.54	20.47	20.59	22.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.50	20.54	20.50	22.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.49	20.55	20.58	22.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.52	20.49	20.56	22.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.53	20.56	20.55	22.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.48	20.43	20.57	22.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.48	20.48	20.58	22.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.58	20.53	20.50	22.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.56	20.50	20.56	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.64	21.55	21.53	22.3	0.0
40	PI/2 BPSK	1	53	21.48	21.40	21.38		
40	PI/2 BPSK	1	104	21.37	21.49	21.35		
40	PI/2 BPSK	50	0	21.58	21.67	21.39	22.3	0.0
40	PI/2 BPSK	50	28	21.34	21.52	21.37	22.3	0.0
40	PI/2 BPSK	50	56	21.41	21.52	21.41	22.3	0.0
40	PI/2 BPSK	100	0	21.36	21.48	21.38		
40	QPSK	1	1	21.61	21.68	21.63	22.3	0.0
40	QPSK	1	53	21.50	21.65	21.52		
40	QPSK	1	104	21.44	21.65	21.52		
40	QPSK	50	0	21.17	21.36	21.29	22.3	0.0
40	QPSK	50	28	21.53	21.56	21.51	22.3	0.0
40	QPSK	50	56	21.22	21.41	21.25	22.3	0.0
40	QPSK	100	0	21.28	21.41	21.29		
40	16QAM	1	1	21.36	21.38	21.34	22.3	0.0
40	64QAM	1	1	21.33	21.33	21.30	22.3	0.0
40	256QAM	1	1	20.64	20.67	20.62	21.0	1.3
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.56	21.63	21.55	22.3	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.56	21.64	21.49	22.3	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.55	21.64	21.55	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.66	19.71	19.64	20.6	0.0
100	PI/2 BPSK	1	137	19.50	19.55	19.47		
100	PI/2 BPSK	1	271	19.54	19.59	19.49		
100	PI/2 BPSK	135	0	19.75	19.76	19.53	20.6	0.0
100	PI/2 BPSK	135	69	19.51	19.57	19.58	20.6	0.0
100	PI/2 BPSK	135	138	19.50	19.62	19.45	20.6	0.0
100	PI/2 BPSK	270	0	19.56	19.58	19.49		
100	QPSK	1	1	19.75	19.83	19.78	20.6	0.0
100	QPSK	1	137	19.59	19.75	19.71		
100	QPSK	1	271	19.63	19.77	19.62		
100	QPSK	135	0	19.33	19.41	19.41	20.6	0.0
100	QPSK	135	69	19.64	19.71	19.57	20.6	0.0
100	QPSK	135	138	19.41	19.51	19.42	20.6	0.0
100	QPSK	270	0	19.35	19.49	19.38		
100	16QAM	1	1	19.49	19.62	19.52	20.6	0.0
100	64QAM	1	1	19.40	19.57	19.43	20.6	0.0
100	256QAM	1	1	19.55	19.55	19.44	20.6	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.71	19.69	19.67	20.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.67	19.70	19.68	20.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.62	19.80	19.67	20.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.64	19.77	19.75	20.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.63	19.77	19.66	20.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.67	19.78	19.74	20.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.64	19.73	19.68	20.6	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.64	19.69	19.67	20.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.63	19.75	19.72	20.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.67	19.79	19.63	20.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.62	19.68	19.71	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.68	22.60	22.50	23.6	0.0
100	PI/2 BPSK	1	137	22.44	22.61	22.42		
100	PI/2 BPSK	1	271	22.44	22.53	22.30		
100	PI/2 BPSK	135	0	22.63	22.72	22.46	23.6	0.0
100	PI/2 BPSK	135	69	22.47	22.54	22.41	23.6	0.0
100	PI/2 BPSK	135	138	22.40	22.60	22.43	23.6	0.0
100	PI/2 BPSK	270	0	22.41	22.47	22.55		
100	QPSK	1	1	22.66	22.76	22.68	23.6	0.0
100	QPSK	1	137	22.56	22.62	22.64		
100	QPSK	1	271	22.59	22.64	22.52		
100	QPSK	135	0	22.30	22.46	22.31	23.6	0.0
100	QPSK	135	69	22.52	22.71	22.48	23.6	0.0
100	QPSK	135	138	22.34	22.48	22.36	23.6	0.0
100	QPSK	270	0	22.33	22.38	22.30		
100	16QAM	1	1	22.34	22.50	22.32	23.6	0.0
100	64QAM	1	1	21.91	21.99	21.95	23.5	0.1
100	256QAM	1	1	20.23	20.25	20.19	21.5	2.1
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.51	22.68	22.58	23.6	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.53	22.68	22.60	23.6	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.50	22.65	22.54	23.6	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.57	22.67	22.60	23.6	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.52	22.59	22.62	23.6	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.51	22.71	22.64	23.6	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.60	22.70	22.56	23.6	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.51	22.63	22.65	23.6	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.50	22.73	22.56	23.6	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.56	22.63	22.57	23.6	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.53	22.70	22.56	23.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.21		20.6	0.0
100	PI/2 BPSK	1	137		20.06			
100	PI/2 BPSK	1	271		20.09			
100	PI/2 BPSK	135	0		20.27		20.6	0.0
100	PI/2 BPSK	135	69		20.09		20.6	0.0
100	PI/2 BPSK	135	138		20.05		20.6	0.0
100	PI/2 BPSK	270	0		20.07			
100	QPSK	1	1		20.33		20.6	0.0
100	QPSK	1	137		20.16			
100	QPSK	1	271		20.20			
100	QPSK	135	0		19.86		20.6	0.0
100	QPSK	135	69		20.14		20.6	0.0
100	QPSK	135	138		19.95		20.6	0.0
100	QPSK	270	0		19.94			
100	16QAM	1	1		19.86		20.6	0.0
100	64QAM	1	1		19.63		20.6	0.0
100	256QAM	1	1		20.04		20.6	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.11	20.25	20.20	20.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.12	20.20	20.09	20.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.13	20.18	20.19	20.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.21	20.16	20.07	20.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.10	20.21	20.13	20.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.14	20.26	20.16	20.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.10	20.24	20.08	20.6	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.14	20.23	20.09	20.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.19	20.20	20.11	20.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.19	20.19	20.06	20.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.22	20.24	20.12	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.15		23.6	0.0
100	PI/2 BPSK	1	137		23.00			
100	PI/2 BPSK	1	271		22.97			
100	PI/2 BPSK	135	0		23.08		23.6	0.0
100	PI/2 BPSK	135	69		23.05		23.6	0.0
100	PI/2 BPSK	135	138		23.04		23.6	0.0
100	PI/2 BPSK	270	0		23.03			
100	QPSK	1	1		23.19		23.6	0.0
100	QPSK	1	137		23.12			
100	QPSK	1	271		23.15			
100	QPSK	135	0		22.91		23.6	0.0
100	QPSK	135	69		23.04		23.6	0.0
100	QPSK	135	138		22.93		23.6	0.0
100	QPSK	270	0		22.92			
100	16QAM	1	1		22.89		23.6	0.0
100	64QAM	1	1		21.90		23.5	0.1
100	256QAM	1	1		20.37		21.5	2.1
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.10	23.06	22.98	23.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.09	23.16	23.02	23.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.11	23.08	23.09	23.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.14	23.18	23.00	23.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.11	23.11	23.08	23.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.06	23.13	22.99	23.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.08	23.08	23.10	23.6	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.17	23.12	23.02	23.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.09	23.15	22.98	23.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.06	23.15	22.99	23.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.17	23.13	23.07	23.6	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.72		20.6	0.0
100	PI/2 BPSK	1	137		19.53			
100	PI/2 BPSK	1	271		19.63			
100	PI/2 BPSK	135	0		19.75		20.6	0.0
100	PI/2 BPSK	135	69		19.55		20.6	0.0
100	PI/2 BPSK	135	138		19.57		20.6	0.0
100	PI/2 BPSK	270	0		19.60			
100	QPSK	1	1		19.86		20.6	0.0
100	QPSK	1	137		19.70			
100	QPSK	1	271		19.84			
100	QPSK	135	0		19.45		20.6	0.0
100	QPSK	135	69		19.68		20.6	0.0
100	QPSK	135	138		19.47		20.6	0.0
100	QPSK	270	0		19.43			
100	16QAM	1	1		19.68		20.6	0.0
100	64QAM	1	1		19.64		20.6	0.0
100	256QAM	1	1		19.50		20.6	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.68	19.67	19.72	20.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.76	19.74	19.71	20.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.76	19.73	19.72	20.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.73	19.69	19.72	20.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.75	19.76	19.66	20.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.70	19.69	19.62	20.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.76	19.76	19.73	20.6	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.67	19.65	19.74	20.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.69	19.74	19.60	20.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.68	19.73	19.70	20.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.69	19.75	19.70	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.65		23.6	0.0
100	PI/2 BPSK	1	137		22.63			
100	PI/2 BPSK	1	271		22.58			
100	PI/2 BPSK	135	0		22.68		23.6	0.0
100	PI/2 BPSK	135	69		22.59		23.6	0.0
100	PI/2 BPSK	135	138		22.56		23.6	0.0
100	PI/2 BPSK	270	0		22.50			
100	QPSK	1	1		22.73		23.6	0.0
100	QPSK	1	137		22.63			
100	QPSK	1	271		22.67			
100	QPSK	135	0		22.46		23.6	0.0
100	QPSK	135	69		22.72		23.6	0.0
100	QPSK	135	138		22.49		23.6	0.0
100	QPSK	270	0		22.43			
100	16QAM	1	1		22.57		23.6	0.0
100	64QAM	1	1		22.02		23.5	0.1
100	256QAM	1	1		20.28		21.5	2.1
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.55	22.65	22.62	23.6	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.45	22.72	22.54	23.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.58	22.64	22.60	23.6	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.47	22.64	22.53	23.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.52	22.63	22.63	23.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.48	22.65	22.51	23.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.46	22.66	22.54	23.6	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.51	22.62	22.51	23.6	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.52	22.69	22.54	23.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.44	22.65	22.64	23.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.52	22.68	22.57	23.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.18		20.6	0.0
100	PI/2 BPSK	1	137		20.01			
100	PI/2 BPSK	1	271		20.08			
100	PI/2 BPSK	135	0		20.28		20.6	0.0
100	PI/2 BPSK	135	69		20.03		20.6	0.0
100	PI/2 BPSK	135	138		20.02		20.6	0.0
100	PI/2 BPSK	270	0		20.08			
100	QPSK	1	1		20.36		20.6	0.0
100	QPSK	1	137		20.22			
100	QPSK	1	271		20.15			
100	QPSK	135	0		19.83		20.6	0.0
100	QPSK	135	69		20.12		20.6	0.0
100	QPSK	135	138		20.00		20.6	0.0
100	QPSK	270	0		19.94			
100	16QAM	1	1		19.82		20.6	0.0
100	64QAM	1	1		19.57		20.6	0.0
100	256QAM	1	1		20.04		20.6	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.10	20.31	20.21	20.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.09	20.28	20.15	20.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.06	20.30	20.22	20.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.13	20.21	20.19	20.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.05	20.20	20.20	20.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.18	20.28	20.15	20.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.14	20.26	20.17	20.6	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.12	20.20	20.15	20.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.06	20.22	20.14	20.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.16	20.19	20.23	20.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.08	20.25	20.23	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.10		23.6	0.0
100	PI/2 BPSK	1	137		22.94			
100	PI/2 BPSK	1	271		22.90			
100	PI/2 BPSK	135	0		23.12		23.6	0.0
100	PI/2 BPSK	135	69		23.02		23.6	0.0
100	PI/2 BPSK	135	138		23.00		23.6	0.0
100	PI/2 BPSK	270	0		23.09			
100	QPSK	1	1		23.23		23.6	0.0
100	QPSK	1	137		23.14			
100	QPSK	1	271		23.19			
100	QPSK	135	0		22.86		23.6	0.0
100	QPSK	135	69		23.01		23.6	0.0
100	QPSK	135	138		22.93		23.6	0.0
100	QPSK	270	0		22.85			
100	16QAM	1	1		22.86		23.6	0.0
100	64QAM	1	1		21.91		23.5	0.1
100	256QAM	1	1		20.38		21.5	2.1
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.04	23.01	22.98	23.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.15	23.09	22.93	23.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.14	23.12	23.02	23.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.13	23.08	23.02	23.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.12	23.09	22.93	23.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.13	23.00	23.02	23.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.13	23.02	23.03	23.6	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.12	23.07	22.99	23.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.12	23.01	23.04	23.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.17	23.00	22.95	23.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.06	23.10	22.97	23.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.67	23.77	23.64	25.0	0.0
40	PI/2 BPSK	1	53	23.62	23.72	23.62		
40	PI/2 BPSK	1	104	23.69	23.78	23.69		
40	PI/2 BPSK	50	0	23.73	23.80	23.69	25.0	0.0
40	PI/2 BPSK	50	28	23.62	23.74	23.64	25.0	0.0
40	PI/2 BPSK	50	56	23.61	23.66	23.58	25.0	0.0
40	PI/2 BPSK	100	0	23.63	23.75	23.72		
40	QPSK	1	1	23.75	23.86	23.69	25.0	0.0
40	QPSK	1	53	23.79	23.83	23.80		
40	QPSK	1	104	23.78	23.83	23.76		
40	QPSK	50	0	23.69	23.82	23.72	25.0	0.0
40	QPSK	50	28	23.74	23.83	23.69	25.0	0.0
40	QPSK	50	56	23.63	23.71	23.61	25.0	0.0
40	QPSK	100	0	23.72	23.78	23.67		
40	16QAM	1	1	23.74	23.77	23.66	25.0	0.0
40	64QAM	1	1	22.90	22.99	22.91	24.0	1.0
40	256QAM	1	1	21.31	21.37	21.29	23.0	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.65	23.80	23.56	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	23.70	23.80	23.66	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.63	23.75	23.65	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.65	23.77	23.61	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.80	20.84	20.71	22.0	0.0
100	PI/2 BPSK	1	137	20.60	20.68	20.60		
100	PI/2 BPSK	1	271	20.59	20.63	20.47		
100	PI/2 BPSK	135	0	20.71	20.82	20.55	22.0	0.0
100	PI/2 BPSK	135	69	20.52	20.65	20.56	22.0	0.0
100	PI/2 BPSK	135	138	20.55	20.76	20.57	22.0	0.0
100	PI/2 BPSK	270	0	20.64	20.70	20.57		
100	QPSK	1	1	20.84	20.90	20.67	22.0	0.0
100	QPSK	1	137	20.68	20.83	20.79		
100	QPSK	1	271	20.69	20.85	20.68		
100	QPSK	135	0	20.50	20.49	20.44	22.0	0.0
100	QPSK	135	69	20.71	20.79	20.64	22.0	0.0
100	QPSK	135	138	20.44	20.57	20.51	22.0	0.0
100	QPSK	270	0	20.46	20.60	20.43		
100	16QAM	1	1	20.48	20.70	20.56	22.0	0.0
100	64QAM	1	1	20.47	20.57	20.40	22.0	0.0
100	256QAM	1	1	20.58	20.62	20.43	22.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.68	20.76	20.73	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.71	20.76	20.71	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.70	20.73	20.73	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.71	20.75	20.77	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.71	20.85	20.82	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.75	20.76	20.78	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.76	20.85	20.72	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.70	20.80	20.76	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.75	20.80	20.79	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.78	20.77	20.77	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	23.75	23.82	23.64	25.0	0.0
100	PI/2 BPSK	1	137	23.64	23.62	23.51		
100	PI/2 BPSK	1	271	23.62	23.70	23.45		
100	PI/2 BPSK	135	0	23.73	23.81	23.60	25.0	0.0
100	PI/2 BPSK	135	69	23.54	23.69	23.55	25.0	0.0
100	PI/2 BPSK	135	138	23.47	23.71	23.48	25.0	0.0
100	PI/2 BPSK	270	0	23.53	23.66	23.59		
100	QPSK	1	1	23.80	23.88	23.80	25.0	0.0
100	QPSK	1	137	23.58	23.75	23.69		
100	QPSK	1	271	23.71	23.73	23.74		
100	QPSK	135	0	23.43	23.44	23.44	25.0	0.0
100	QPSK	135	69	23.73	23.74	23.67	25.0	0.0
100	QPSK	135	138	23.52	23.56	23.48	25.0	0.0
100	QPSK	270	0	23.39	23.58	23.34		
100	16QAM	1	1	23.48	23.57	23.42	25.0	0.0
100	64QAM	1	1	23.50	23.56	23.38	25.0	0.0
100	256QAM	1	1	22.94	22.96	22.89	23.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.70	23.74	23.71	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.71	23.82	23.63	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.69	23.83	23.66	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.72	23.78	23.68	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.65	23.77	23.69	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.73	23.77	23.77	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.70	23.80	23.67	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.74	23.75	23.68	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.64	23.74	23.67	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.65	23.77	23.71	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.89	21.00	20.80	21.5	0.0
40	PI/2 BPSK	1	53	20.84	20.84	20.76		
40	PI/2 BPSK	1	104	20.77	20.75	20.60		
40	PI/2 BPSK	50	0	20.93	20.97	20.76	21.5	0.0
40	PI/2 BPSK	50	28	20.78	20.77	20.75	21.5	0.0
40	PI/2 BPSK	50	56	20.69	20.84	20.66	21.5	0.0
40	PI/2 BPSK	100	0	20.77	20.86	20.83		
40	QPSK	1	1	20.97	21.09	20.95	21.5	0.0
40	QPSK	1	53	20.78	20.89	20.87		
40	QPSK	1	104	20.86	20.91	20.80		
40	QPSK	50	0	20.59	20.66	20.69	21.5	0.0
40	QPSK	50	28	20.84	21.02	20.83	21.5	0.0
40	QPSK	50	56	20.65	20.83	20.63	21.5	0.0
40	QPSK	100	0	20.56	20.98	20.56		
40	16QAM	1	1	20.65	20.79	20.73	21.5	0.0
40	64QAM	1	1	20.73	20.72	20.63	21.5	0.0
40	256QAM	1	1	20.40	20.45	20.33	20.5	1.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.93	20.99	20.86	21.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.87	20.99	20.86	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.93	21.03	20.81	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.75	20.80	20.68	22.0	0.0
100	PI/2 BPSK	1	137	20.65	20.56	20.57		
100	PI/2 BPSK	1	271	20.52	20.56	20.45		
100	PI/2 BPSK	135	0	20.76	20.80	20.51	21.5	0.5
100	PI/2 BPSK	135	69	20.50	20.58	20.59	22.0	0.0
100	PI/2 BPSK	135	138	20.48	20.62	20.50	21.5	0.5
100	PI/2 BPSK	270	0	20.54	20.59	20.57		
100	QPSK	1	1	20.79	20.87	20.86	22.0	0.0
100	QPSK	1	137	20.65	20.81	20.73		
100	QPSK	1	271	20.68	20.74	20.63		
100	QPSK	135	0	20.46	20.47	20.39	21.0	1.0
100	QPSK	135	69	20.58	20.71	20.69	22.0	0.0
100	QPSK	135	138	20.37	20.51	20.42	21.0	1.0
100	QPSK	270	0	20.36	20.47	20.45		
100	16QAM	1	1	20.02	20.13	20.07	21.0	1.0
100	64QAM	1	1	17.97	18.10	18.05	19.5	2.5
100	256QAM	1	1	16.67	16.74	16.63	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.68	20.74	20.84	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.69	20.80	20.75	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.67	20.79	20.71	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.72	20.84	20.83	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.65	20.86	20.83	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.77	20.73	20.84	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.64	20.74	20.82	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.70	20.75	20.78	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.69	20.77	20.78	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.77	20.81	20.72	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.67	20.86	20.82	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.89	21.21	20.92	22.0	0.0
100	PI/2 BPSK	1	137	20.90	21.22	20.93		
100	PI/2 BPSK	1	271	20.87	21.23	20.96		
100	PI/2 BPSK	135	0	20.42	20.76	20.47	21.5	0.5
100	PI/2 BPSK	135	69	20.91	21.19	20.88	22.0	0.0
100	PI/2 BPSK	135	138	20.43	20.76	20.54	21.5	0.5
100	PI/2 BPSK	270	0	20.47	20.79	20.49		
100	QPSK	1	1	20.95	21.25	20.99	22.0	0.0
100	QPSK	1	137	20.82	21.22	20.94		
100	QPSK	1	271	20.83	21.11	20.86		
100	QPSK	135	0	20.39	20.38	20.40	21.0	1.0
100	QPSK	135	69	21.07	21.20	21.12	22.0	0.0
100	QPSK	135	138	20.37	20.34	20.42	21.0	1.0
100	QPSK	270	0	20.36	20.47	20.45		
100	16QAM	1	1	20.02	20.13	20.07	21.0	1.0
100	64QAM	1	1	17.97	18.10	18.05	19.5	2.5
100	256QAM	1	1	16.67	16.74	16.63	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.86	21.12	20.89	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.84	21.16	20.91	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.81	21.19	20.96	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.91	21.16	20.92	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.90	21.18	20.91	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.87	21.15	20.86	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.81	21.14	20.96	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.91	21.19	20.92	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.85	21.21	20.86	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.90	21.16	20.93	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.82	21.17	20.85	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.22		22.2	0.0
100	PI/2 BPSK	1	137		21.03			
100	PI/2 BPSK	1	271		21.09			
100	PI/2 BPSK	135	0		21.13		22.2	0.0
100	PI/2 BPSK	135	69		21.00		22.2	0.0
100	PI/2 BPSK	135	138		20.98		22.2	0.0
100	PI/2 BPSK	270	0		21.07			
100	QPSK	1	1		21.28		22.2	0.0
100	QPSK	1	137		21.20			
100	QPSK	1	271		21.24			
100	QPSK	135	0		20.34		22.0	0.2
100	QPSK	135	69		21.25		22.2	0.0
100	QPSK	135	138		20.33		22.0	0.2
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.30		22.0	0.2
100	64QAM	1	1		19.72		21.5	0.7
100	256QAM	1	1		18.15		19.5	2.7
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.07	21.08	21.03	22.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.05	21.09	21.07	22.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.10	21.12	21.13	22.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.17	21.06	21.16	22.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.09	21.16	21.14	22.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.07	21.08	21.04	22.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.08	21.04	21.08	22.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.06	21.05	21.17	22.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.04	21.08	21.05	22.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.05	21.03	21.05	22.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.13	21.15	21.15	22.2	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.80		24.0	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.45		23.5	0.5
100	PI/2 BPSK	135	69		22.88		24.0	0.0
100	PI/2 BPSK	135	138		22.41		23.5	0.5
100	PI/2 BPSK	270	0		22.34			
100	QPSK	1	1		22.90		24.0	0.0
100	QPSK	1	137		22.86			
100	QPSK	1	271		22.86			
100	QPSK	135	0		20.34		22.0	2.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		20.33		22.0	2.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.30		22.0	2.0
100	64QAM	1	1		19.72		21.5	2.5
100	256QAM	1	1		18.15		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.81	22.81	22.86	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.77	22.84	22.86	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.78	22.80	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.81	22.79	22.86	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.77	22.79	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.85	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.85	22.77	22.77	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.82	22.81	22.81	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.84	22.87	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.83	22.87	22.82	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.81	22.77	22.83	24.0	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		21.5	0.5
100	PI/2 BPSK	135	69		20.42		22.0	0.0
100	PI/2 BPSK	135	138		19.97		21.5	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		22.0	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.50		21.0	1.0
100	QPSK	135	69		20.42		22.0	0.0
100	QPSK	135	138		19.44		21.0	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		21.0	1.0
100	64QAM	1	1		18.25		19.5	2.5
100	256QAM	1	1		16.33		17.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	22.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		21.5	0.5
100	PI/2 BPSK	135	69		20.42		22.0	0.0
100	PI/2 BPSK	135	138		19.97		21.5	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		22.0	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.50		21.0	1.0
100	QPSK	135	69		20.42		22.0	0.0
100	QPSK	135	138		19.44		21.0	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		21.0	1.0
100	64QAM	1	1		18.25		19.5	2.5
100	256QAM	1	1		16.33		17.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	22.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	22.0	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	24.0	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	24.0	0.0

Reduced Power Mode for DSI 7

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.37	15.26	15.18	16.9	0.0
20	PI/2 BPSK	1	53	15.17	15.16	15.19		
20	PI/2 BPSK	1	104	15.12	15.17	15.13		
20	PI/2 BPSK	50	0	15.30	15.37	15.10	16.9	0.0
20	PI/2 BPSK	50	28	15.10	15.22	15.16	16.9	0.0
20	PI/2 BPSK	50	56	15.13	15.34	15.03	16.9	0.0
20	PI/2 BPSK	100	0	15.21	15.29	15.17		
20	QPSK	1	1	15.40	15.46	15.40	16.9	0.0
20	QPSK	1	53	15.25	15.40	15.30		
20	QPSK	1	104	15.33	15.42	15.33		
20	QPSK	50	0	15.01	15.00	15.01	16.9	0.0
20	QPSK	50	28	15.32	15.34	15.21	16.9	0.0
20	QPSK	50	56	15.05	15.12	15.07	16.9	0.0
20	QPSK	100	0	15.05	15.06	15.02		
20	16QAM	1	1	15.04	15.12	15.07	16.9	0.0
20	64QAM	1	1	14.99	15.13	14.97	16.9	0.0
20	256QAM	1	1	15.15	15.17	15.06	16.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.41	15.39	15.40	16.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.40	15.34	15.34	16.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.42	15.35	15.41	16.9	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.07	23.34	23.29	24.0	0.0
20	PI/2 BPSK	1	53	22.79	23.23	23.20		
20	PI/2 BPSK	1	104	22.44	23.27	23.18		
20	PI/2 BPSK	50	0	23.11	23.22	23.17	24.0	0.0
20	PI/2 BPSK	50	28	23.29	23.30	23.28	24.0	0.0
20	PI/2 BPSK	50	56	23.07	23.10	23.04	24.0	0.0
20	PI/2 BPSK	100	0	22.79	23.17	23.04		
20	QPSK	1	1	23.27	23.37	23.18	24.0	0.0
20	QPSK	1	53	23.19	23.22	23.03		
20	QPSK	1	104	23.20	23.31	23.07		
20	QPSK	50	0	23.15	23.24	23.08	24.0	0.0
20	QPSK	50	28	23.14	23.27	23.12	24.0	0.0
20	QPSK	50	56	22.99	23.00	23.03	24.0	0.0
20	QPSK	100	0	23.02	23.14	23.00		
20	16QAM	1	1	23.00	23.07	23.07	24.0	0.0
20	64QAM	1	1	22.74	22.79	22.79	24.0	0.0
20	256QAM	1	1	20.33	20.44	20.44	22.0	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.21	23.32	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.12	23.31	23.09	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	23.12	23.32	23.06	24.0	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.21	23.36	23.25	24.0	0.0
15	PI/2 BPSK	1	40	23.28	23.26	23.31		
15	PI/2 BPSK	1	77	23.24	23.22	23.23		
15	PI/2 BPSK	36	0	23.20	23.28	23.15	24.0	0.0
15	PI/2 BPSK	36	22	23.31	23.21	23.27	24.0	0.0
15	PI/2 BPSK	36	43	23.32	23.22	23.20	24.0	0.0
15	PI/2 BPSK	75	0	23.22	23.36	23.21		
15	QPSK	1	1	23.32	23.51	23.30	24.0	0.0
15	QPSK	1	40	23.23	23.45	23.20		
15	QPSK	1	77	23.19	23.38	23.16		
15	QPSK	36	0	23.24	23.29	23.19	24.0	0.0
15	QPSK	36	22	23.21	23.36	23.19	24.0	0.0
15	QPSK	36	43	23.32	23.32	23.34	24.0	0.0
15	QPSK	75	0	23.25	23.41	23.30		
15	16QAM	1	1	23.06	23.13	23.09	24.0	0.0
15	64QAM	1	1	22.83	22.90	22.86	24.0	0.0
	256QAM	1	1	20.69	20.75	20.63	22.0	2.0
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.23	23.35	23.15	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.15	23.34	23.00	24.0	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		23.11		24.0	0.0
10	PI/2 BPSK	1	26		22.99			
10	PI/2 BPSK	1	50		22.96			
10	PI/2 BPSK	25	0		23.11		24.0	0.0
10	PI/2 BPSK	25	14		22.96		24.0	0.0
10	PI/2 BPSK	25	27		23.01		24.0	0.0
10	PI/2 BPSK	50	0		23.14			
10	QPSK	1	1		23.15		24.0	0.0
10	QPSK	1	26		23.08			
10	QPSK	1	50		22.98			
10	QPSK	25	0		23.02		24.0	0.0
10	QPSK	25	14		23.06		24.0	0.0
10	QPSK	25	27		22.98		24.0	0.0
10	QPSK	50	0		23.12			
10	16QAM	1	1		23.14		24.0	0.0
10	64QAM	1	1		23.00		24.0	0.0
10	256QAM	1	1		20.17		22.0	2.0
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.01	23.08	23.09	24.0	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.36	15.31	15.17	16.9	0.0
40	PI/2 BPSK	1	108	15.22	15.18	15.16		
40	PI/2 BPSK	1	214	15.14	15.18	15.09		
40	PI/2 BPSK	108	0	15.34	15.41	15.09	16.9	0.0
40	PI/2 BPSK	108	54	15.10	15.24	15.11	16.9	0.0
40	PI/2 BPSK	108	108	15.10	15.29	15.07	16.9	0.0
40	PI/2 BPSK	216	0	15.15	15.25	15.11		
40	QPSK	1	1	15.38	15.42	15.38	16.9	0.0
40	QPSK	1	108	15.23	15.36	15.32		
40	QPSK	1	214	15.28	15.40	15.30		
40	QPSK	108	0	15.00	15.05	15.07	16.9	0.0
40	QPSK	108	54	15.29	15.30	15.24	16.9	0.0
40	QPSK	108	108	15.07	15.16	15.02	16.9	0.0
40	QPSK	216	0	15.03	15.07	14.99		
40	16QAM	1	1	15.04	15.13	15.09	16.9	0.0
40	64QAM	1	1	15.01	15.14	15.00	16.9	0.0
40	256QAM	1	1	15.14	15.21	15.02	16.9	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	15.14	15.12	15.23	16.9	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.28	15.30	15.23	16.9	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.29	15.30	15.32	16.9	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.30	15.28	15.28	16.9	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.29	15.29	15.22	16.9	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.25	15.32	15.28	16.9	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.29	15.26	15.27	16.9	0.0

n26

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.25	23.31	23.27	24.0	0.0
20	PI/2 BPSK	1	53	23.26	23.25	23.27		
20	PI/2 BPSK	1	104	23.24	23.17	23.17		
20	PI/2 BPSK	50	0	23.18	23.30	23.15	24.0	0.0
20	PI/2 BPSK	50	28	23.16	23.26	23.15	24.0	0.0
20	PI/2 BPSK	50	56	23.23	23.14	23.16	24.0	0.0
20	PI/2 BPSK	100	0	23.20	23.29	23.19		
20	QPSK	1	1	23.17	23.35	23.21	24.0	0.0
20	QPSK	1	53	23.18	23.18	23.06		
20	QPSK	1	104	23.07	23.13	23.07		
20	QPSK	50	0	23.07	23.18	23.11	24.0	0.0
20	QPSK	50	28	23.17	23.23	23.21	24.0	0.0
20	QPSK	50	56	23.16	23.18	23.14	24.0	0.0
20	QPSK	100	0	23.14	23.24	23.13		
20	16QAM	1	1	23.27	23.34	23.23	24.0	0.0
20	64QAM	1	1	22.38	22.51	22.36	23.0	1.0
20	256QAM	1	1	20.25	20.35	20.30	21.0	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.08	23.29	23.08	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.10	23.24	23.05	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	23.01	23.20	23.14	24.0	0.0

n66								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.55	16.56	16.51	17.6	0.0
40	PI/2 BPSK	1	108	16.37	16.51	16.35		
40	PI/2 BPSK	1	214	16.41	16.50	16.35		
40	PI/2 BPSK	108	0	16.51	16.64	16.45	17.6	0.0
40	PI/2 BPSK	108	54	16.42	16.43	16.40	17.6	0.0
40	PI/2 BPSK	108	108	16.33	16.42	16.36	17.6	0.0
40	PI/2 BPSK	216	0	16.41	16.41	16.42		
40	QPSK	1	1	16.60	16.67	16.64	17.6	0.0
40	QPSK	1	108	16.43	16.53	16.55		
40	QPSK	1	214	16.49	16.66	16.53		
40	QPSK	108	0	16.26	16.32	16.34	17.6	0.0
40	QPSK	108	54	16.51	16.54	16.46	17.6	0.0
40	QPSK	108	108	16.22	16.46	16.30	17.6	0.0
40	QPSK	216	0	16.23	16.40	16.22		
40	16QAM	1	1	16.33	16.38	16.29	17.6	0.0
40	64QAM	1	1	16.28	16.42	16.25	17.6	0.0
40	256QAM	1	1	16.38	16.44	16.26	17.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.31	16.21	16.42	17.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.54	16.61	16.51	17.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.48	16.59	16.56	17.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.46	16.55	16.56	17.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.48	16.60	16.56	17.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.54	16.57	16.57	17.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.46	16.52	16.50	17.6	0.0

n70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		18.89		20.3	0.0
15	PI/2 BPSK	1	40		18.82			
15	PI/2 BPSK	1	77		18.82			
15	PI/2 BPSK	36	0		18.90		20.3	0.0
15	PI/2 BPSK	36	22		18.84		20.3	0.0
15	PI/2 BPSK	36	43		18.81		20.3	0.0
15	PI/2 BPSK	75	0		18.78			
15	QPSK	1	1		18.97		20.3	0.0
15	QPSK	1	40		18.89			
15	QPSK	1	77		18.90			
15	QPSK	36	0		18.68		20.3	0.0
15	QPSK	36	22		18.92		20.3	0.0
15	QPSK	36	43		18.75		20.3	0.0
15	QPSK	75	0		18.61			
15	16QAM	1	1		18.75		20.3	0.0
15	64QAM	1	1		18.64		20.3	0.0
	256QAM	1	1		18.76		20.3	0.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	18.81	18.91	18.80	20.3	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	18.81	18.88	18.75	20.3	0.0

n71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	23.53	23.64	23.59		
20	PI/2 BPSK	1	53	23.52	23.56	23.58	24.0	0.0
20	PI/2 BPSK	1	104	23.52	23.55	23.55		
20	PI/2 BPSK	50	0	23.68	23.74	23.63	24.0	0.0
20	PI/2 BPSK	50	28	23.49	23.53	23.56	24.0	0.0
20	PI/2 BPSK	50	56	23.74	23.73	23.68	24.0	0.0
20	PI/2 BPSK	100	0	23.69	23.81	23.66		
20	QPSK	1	1	23.71	23.84	23.80		
20	QPSK	1	53	23.65	23.78	23.74	24.0	0.0
20	QPSK	1	104	23.58	23.71	23.68		
20	QPSK	50	0	23.54	23.59	23.53	24.0	0.0
20	QPSK	50	28	23.70	23.74	23.65	24.0	0.0
20	QPSK	50	56	23.67	23.62	23.62	24.0	0.0
20	QPSK	100	0	23.70	23.75	23.65		
20	16QAM	1	1	23.66	23.77	23.72	24.0	0.0
20	64QAM	1	1	23.11	23.23	23.13	24.0	0.0
20	256QAM	1	1	20.77	20.87	20.82	21.0	3.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.61	23.72	23.68	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.63	23.80	23.73	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.62	23.78	23.74	24.0	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.15	15.14	15.14	16.8	0.0
20	PI/2 BPSK	1	53	15.07	15.03	14.88		
20	PI/2 BPSK	1	104	15.00	15.09	14.83		
20	PI/2 BPSK	50	0	15.19	15.21	15.07	16.8	0.0
20	PI/2 BPSK	50	28	15.01	15.05	15.00	16.8	0.0
20	PI/2 BPSK	50	56	14.87	15.01	14.91	16.8	0.0
20	PI/2 BPSK	100	0	15.00	15.04	15.00		
20	QPSK	1	1	15.21	15.26	15.23	16.8	0.0
20	QPSK	1	53	14.97	15.13	15.12		
20	QPSK	1	104	15.08	15.14	15.10		
20	QPSK	50	0	14.87	14.91	14.92	16.8	0.0
20	QPSK	50	28	15.14	15.21	15.04	16.8	0.0
20	QPSK	50	56	14.92	14.91	14.90	16.8	0.0
20	QPSK	100	0	14.83	14.97	14.81		
20	16QAM	1	1	14.87	15.00	14.95	16.8	0.0
20	64QAM	1	1	14.94	14.94	14.79	16.8	0.0
20	256QAM	1	1	14.98	14.90	14.93	16.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.20	15.24	15.18	16.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.19	15.21	15.16	16.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.10	15.13	15.16	16.8	0.0

n5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.41	23.55	23.47	24.0	0.0
20	PI/2 BPSK	1	53	23.39	23.45	23.45		
20	PI/2 BPSK	1	104	23.43	23.44	23.41		
20	PI/2 BPSK	50	0	23.38	23.45	23.41	24.0	0.0
20	PI/2 BPSK	50	28	23.41	23.43	23.45	24.0	0.0
20	PI/2 BPSK	50	56	23.29	23.29	23.33	24.0	0.0
20	PI/2 BPSK	100	0	23.36	23.41	23.32		
20	QPSK	1	1	23.57	23.61	23.48	24.0	0.0
20	QPSK	1	53	23.43	23.46	23.32		
20	QPSK	1	104	23.51	23.48	23.41		
20	QPSK	50	0	23.42	23.47	23.32	24.0	0.0
20	QPSK	50	28	23.46	23.49	23.40	24.0	0.0
20	QPSK	50	56	23.32	23.37	23.30	24.0	0.0
20	QPSK	100	0	23.33	23.45	23.36		
20	16QAM	1	1	23.36	23.51	23.45	24.0	0.0
20	64QAM	1	1	22.55	22.60	22.44	23.0	1.0
20	256QAM	1	1	20.15	20.19	20.08	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.52	23.48	23.44	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.36	23.42	23.21	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	23.30	23.25	23.16	24.0	0.0

n7

BW [MHz]	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	10.25	10.32	10.25	10.9	0.0
50	PI/2 BPSK	1	135	10.16	10.19	10.09		
50	PI/2 BPSK	1	268	10.16	10.17	10.01		
50	PI/2 BPSK	135	0	10.27	10.38	10.11	10.9	0.0
50	PI/2 BPSK	135	68	10.06	10.26	10.17	10.9	0.0
50	PI/2 BPSK	135	135	10.10	10.24	10.09	10.9	0.0
50	PI/2 BPSK	270	0	10.10	10.14	10.19		
50	QPSK	1	1	10.39	10.45	10.41	10.9	0.0
50	QPSK	1	135	10.26	10.39	10.30		
50	QPSK	1	268	10.17	10.39	10.19		
50	QPSK	135	0	9.95	10.01	10.06	10.9	0.0
50	QPSK	135	68	10.20	10.32	10.15	10.9	0.0
50	QPSK	135	135	10.07	10.17	9.98	10.9	0.0
50	QPSK	270	0	9.92	10.11	9.95		
50	16QAM	1	1	10.08	10.12	10.02	10.9	0.0
50	64QAM	1	1	10.10	10.14	9.93	10.9	0.0
50	256QAM	1	1	10.05	10.12	10.07	10.9	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	10.30	10.30	10.36	10.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	10.33	10.34	10.38	10.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	10.26	10.30	10.35	10.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	10.30	10.32	10.37	10.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	10.30	10.27	10.37	10.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	10.23	10.28	10.29	10.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	10.27	10.35	10.38	10.9	0.0

n12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	21.83	22.12	22.02	23.8	0.0
15	PI/2 BPSK	1	40	21.93	21.89	21.83		
15	PI/2 BPSK	1	77	21.93	21.84	21.82		
15	PI/2 BPSK	36	0	21.97	22.14	22.09	23.8	0.0
15	PI/2 BPSK	36	22	21.81	22.06	21.91	23.8	0.0
15	PI/2 BPSK	36	43	21.94	21.89	21.82	23.8	0.0
15	PI/2 BPSK	75	0	21.84	22.01	21.87		
15	QPSK	1	1	21.99	22.16	22.11	23.8	0.0
15	QPSK	1	40	22.02	22.03	21.96		
15	QPSK	1	77	21.97	21.97	21.86		
15	QPSK	36	0	21.95	22.00	21.83	23.8	0.0
15	QPSK	36	22	21.94	22.01	21.87	23.8	0.0
15	QPSK	36	43	21.94	21.86	21.86	23.8	0.0
15	QPSK	75	0	21.82	22.14	22.10		
15	16QAM	1	1	21.84	21.92	21.88	23.8	0.0
15	64QAM	1	1	21.88	21.85	21.88	23.8	0.0
	256QAM	1	1	20.45	20.65	20.68	22.3	1.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	21.85	21.98	21.94	23.8	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	21.84	22.06	22.05	23.8	0.0

n14

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					158600			
Frequency (MHz)					793			
10	PI/2 BPSK	1	1		21.42		22.7	0.0
10	PI/2 BPSK	1	26		21.38			
10	PI/2 BPSK	1	50		21.37			
10	PI/2 BPSK	25	0		21.51		22.7	0.0
10	PI/2 BPSK	25	14		21.40		22.7	0.0
10	PI/2 BPSK	25	27		21.41		22.7	0.0
10	PI/2 BPSK	50	0		21.31			
10	QPSK	1	1		21.54		22.7	0.0
10	QPSK	1	26		21.43			
10	QPSK	1	50		21.44			
10	QPSK	25	0		21.26		22.7	0.0
10	QPSK	25	14		21.43		22.7	0.0
10	QPSK	25	27		21.28		22.7	0.0
10	QPSK	50	0		21.22			
10	16QAM	1	1		21.34		22.7	0.0
10	64QAM	1	1		21.21		22.7	0.0
10	256QAM	1	1		20.29		21.7	1.0
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	21.34	21.45	21.43	22.7	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.10	15.18	15.08	16.8	0.0
40	PI/2 BPSK	1	108	15.04	15.00	14.91		
40	PI/2 BPSK	1	214	14.96	15.08	14.87		
40	PI/2 BPSK	108	0	15.15	15.21	15.01	16.8	0.0
40	PI/2 BPSK	108	54	14.98	15.10	15.02	16.8	0.0
40	PI/2 BPSK	108	108	14.93	15.07	14.88	16.8	0.0
40	PI/2 BPSK	216	0	14.99	15.10	15.05		
40	QPSK	1	1	15.20	15.26	15.23	16.8	0.0
40	QPSK	1	108	14.99	15.14	15.17		
40	QPSK	1	214	15.03	15.19	15.08		
40	QPSK	108	0	14.82	14.90	14.89	16.8	0.0
40	QPSK	108	54	15.09	15.22	15.09	16.8	0.0
40	QPSK	108	108	14.91	15.01	14.88	16.8	0.0
40	QPSK	216	0	14.83	14.90	14.87		
40	16QAM	1	1	14.87	14.97	14.94	16.8	0.0
40	64QAM	1	1	14.91	14.96	14.85	16.8	0.0
40	256QAM	1	1	14.97	14.95	14.88	16.8	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	15.14	15.12	15.23	16.8	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.06	15.07	15.03	16.8	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	14.98	15.02	15.04	16.8	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	14.96	15.06	15.05	16.8	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	14.99	15.01	15.06	16.8	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	14.97	15.04	15.03	16.8	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	14.99	15.05	15.04	16.8	0.0

n26

BW [MHz]	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	22.19	22.23	22.31	23.1	0.0
20	PI/2 BPSK	1	53	22.34	22.34	22.28		
20	PI/2 BPSK	1	104	22.25	22.25	22.23		
20	PI/2 BPSK	50	0	22.31	22.23	22.27	23.1	0.0
20	PI/2 BPSK	50	28	22.24	22.30	22.24	23.1	0.0
20	PI/2 BPSK	50	56	22.24	22.34	22.34	23.1	0.0
20	PI/2 BPSK	100	0	22.29	22.25	22.28		
20	QPSK	1	1	22.30	22.37	22.34	23.1	0.0
20	QPSK	1	53	22.28	22.33	22.24		
20	QPSK	1	104	22.32	22.22	22.24		
20	QPSK	50	0	22.31	22.19	22.28	23.1	0.0
20	QPSK	50	28	22.30	22.34	22.31	23.1	0.0
20	QPSK	50	56	22.23	22.19	22.27	23.1	0.0
20	QPSK	100	0	22.23	22.26	22.25		
20	16QAM	1	1	22.21	22.25	22.26	23.1	0.0
20	64QAM	1	1	21.30	21.22	21.35	22.1	1.0
20	256QAM	1	1	20.28	20.22	20.34	21.1	2.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.24	22.29	22.25	23.1	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.19	22.27	22.20	23.1	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.19	22.26	22.30	23.1	0.0

n30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		11.17		12.3	0.0
10	PI/2 BPSK	1	26		11.10			
10	PI/2 BPSK	1	50		11.10			
10	PI/2 BPSK	25	0		11.19		12.3	0.0
10	PI/2 BPSK	25	14		11.14		12.3	0.0
10	PI/2 BPSK	25	27		11.07		12.3	0.0
10	PI/2 BPSK	50	0		11.08			
10	QPSK	1	1		11.32		12.3	0.0
10	QPSK	1	26		11.22			
10	QPSK	1	50		11.19			
10	QPSK	25	0		10.92		12.3	0.0
10	QPSK	25	14		11.20		12.3	0.0
10	QPSK	25	27		11.06		12.3	0.0
10	QPSK	50	0		10.98			
10	16QAM	1	1		11.08		12.3	0.0
10	64QAM	1	1		11.02		12.3	0.0
10	256QAM	1	1		11.02		12.3	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	11.07	11.17	11.11	12.3	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.18	16.20	16.07	17.5	0.0
40	PI/2 BPSK	1	108	16.04	16.04	16.00		
40	PI/2 BPSK	1	214	16.00	16.03	15.87		
40	PI/2 BPSK	108	0	16.16	16.15	16.01	17.5	0.0
40	PI/2 BPSK	108	54	15.93	16.04	15.93	17.5	0.0
40	PI/2 BPSK	108	108	15.93	16.10	15.97	17.5	0.0
40	PI/2 BPSK	216	0	16.00	16.02	15.97		
40	QPSK	1	1	16.22	16.26	16.24	17.5	0.0
40	QPSK	1	108	16.05	16.17	16.06		
40	QPSK	1	214	16.08	16.19	16.09		
40	QPSK	108	0	15.77	15.93	15.83	17.5	0.0
40	QPSK	108	54	16.03	16.22	16.00	17.5	0.0
40	QPSK	108	108	15.91	16.01	15.85	17.5	0.0
40	QPSK	216	0	15.77	15.98	15.76		
40	16QAM	1	1	15.92	15.99	15.86	17.5	0.0
40	64QAM	1	1	15.93	15.98	15.83	17.5	0.0
40	256QAM	1	1	15.94	15.94	15.84	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	16.02	15.03	16.07	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.16	16.10	16.11	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	16.15	16.19	16.08	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.15	16.16	16.19	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	16.16	16.13	16.19	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.21	16.17	16.15	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	16.13	16.12	16.09	17.5	0.0

n70

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					340500			
Frequency (MHz)					1702.5			
15	PI/2 BPSK	1	1		18.89		19.2	0.0
15	PI/2 BPSK	1	40		18.77			
15	PI/2 BPSK	1	77		18.79			
15	PI/2 BPSK	36	0		18.96		19.2	0.0
15	PI/2 BPSK	36	22		18.78		19.2	0.0
15	PI/2 BPSK	36	43		18.79		19.2	0.0
15	PI/2 BPSK	75	0		18.84			
15	QPSK	1	1		19.00		19.2	0.0
15	QPSK	1	40		18.90			
15	QPSK	1	77		18.90			
15	QPSK	36	0		18.61		19.2	0.0
15	QPSK	36	22		18.92		19.2	0.0
15	QPSK	36	43		18.76		19.2	0.0
15	QPSK	75	0		18.70			
15	16QAM	1	1		18.78		19.2	0.0
15	64QAM	1	1		18.74		19.2	0.0
	256QAM	1	1		18.76		19.2	0.0
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	18.94	18.88	18.86	19.2	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	18.91	18.82	18.88	19.2	0.0

n71

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI/2 BPSK	1	1	22.04	22.11	22.03	23.0	0.0
20	PI/2 BPSK	1	53	22.07	22.09	22.07		
20	PI/2 BPSK	1	104	22.04	22.03	22.09		
20	PI/2 BPSK	50	0	22.17	22.19	22.16	23.0	0.0
20	PI/2 BPSK	50	28	22.06	22.08	22.08	23.0	0.0
20	PI/2 BPSK	50	56	22.14	22.15	22.15	23.0	0.0
20	PI/2 BPSK	100	0	22.17	22.20	22.18		
20	QPSK	1	1	22.17	22.30	22.14	23.0	0.0
20	QPSK	1	53	22.10	22.09	22.11		
20	QPSK	1	104	22.12	22.10	22.09		
20	QPSK	50	0	22.05	22.12	22.09	23.0	0.0
20	QPSK	50	28	22.23	22.25	22.23	23.0	0.0
20	QPSK	50	56	22.09	22.11	22.09	23.0	0.0
20	QPSK	100	0	22.10	22.17	22.11		
20	16QAM	1	1	21.92	21.99	21.87	23.0	0.0
20	64QAM	1	1	21.95	21.88	21.88	23.0	0.0
20	256QAM	1	1	21.00	21.07	21.03	22.0	1.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.03	22.12	22.10	23.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.07	22.22	22.00	23.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	22.14	22.28	22.03	23.0	0.0

n38

BW [MHz]	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	9.19	9.23	9.04	10.8	0.0
40	PI/2 BPSK	1	53	9.02	9.06	8.98		
40	PI/2 BPSK	1	104	9.09	9.07	9.00		
40	PI/2 BPSK	50	0	9.22	9.17	9.07	10.8	0.0
40	PI/2 BPSK	50	28	9.05	9.14	9.05	10.8	0.0
40	PI/2 BPSK	50	56	8.94	9.16	9.10	10.8	0.0
40	PI/2 BPSK	100	0	9.03	9.05	9.06		
40	QPSK	1	1	9.32	9.33	9.26	10.8	0.0
40	QPSK	1	53	9.11	9.17	9.15		
40	QPSK	1	104	9.14	9.25	9.18		
40	QPSK	50	0	8.87	8.92	8.92	10.8	0.0
40	QPSK	50	28	9.15	9.21	9.10	10.8	0.0
40	QPSK	50	56	8.85	9.11	8.96	10.8	0.0
40	QPSK	100	0	8.81	8.92	8.87		
40	16QAM	1	1	8.96	9.07	8.89	10.8	0.0
40	64QAM	1	1	8.91	9.06	8.86	10.8	0.0
40	256QAM	1	1	8.99	9.04	8.88	10.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	9.23	9.31	9.10	10.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	9.16	9.18	9.19	10.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	9.26	9.26	9.16	10.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	9.18	9.23	9.14	10.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	9.51	9.51	9.34	10.8	0.0
100	PI/2 BPSK	1	137	9.29	9.40	9.25		
100	PI/2 BPSK	1	271	9.32	9.39	9.26		
100	PI/2 BPSK	135	0	9.48	9.51	9.30	10.8	0.0
100	PI/2 BPSK	135	69	9.33	9.40	9.32	10.8	0.0
100	PI/2 BPSK	135	138	9.24	9.38	9.32	10.8	0.0
100	PI/2 BPSK	270	0	9.36	9.37	9.31		
100	QPSK	1	1	9.57	9.61	9.55	10.8	0.0
100	QPSK	1	137	9.34	9.44	9.38		
100	QPSK	1	271	9.42	9.51	9.46		
100	QPSK	135	0	9.11	9.24	9.15	10.8	0.0
100	QPSK	135	69	9.40	9.49	9.36	10.8	0.0
100	QPSK	135	138	9.15	9.35	9.18	10.8	0.0
100	QPSK	270	0	9.13	9.23	9.19		
100	16QAM	1	1	9.26	9.39	9.18	10.8	0.0
100	64QAM	1	1	9.22	9.32	9.10	10.8	0.0
100	256QAM	1	1	9.25	9.34	9.17	10.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	9.42	9.44	9.46	10.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	9.41	9.44	9.39	10.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	9.43	9.52	9.50	10.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	9.40	9.56	9.44	10.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	9.45	9.46	9.47	10.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	9.50	9.49	9.38	10.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	9.46	9.47	9.53	10.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	9.47	9.58	9.38	10.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	9.54	9.46	9.39	10.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	9.55	9.59	9.44	10.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.25	12.32	12.09	13.8	0.0
100	PI/2 BPSK	1	137	12.08	12.13	12.08		
100	PI/2 BPSK	1	271	12.08	12.08	11.96		
100	PI/2 BPSK	135	0	12.24	12.27	12.06	13.8	0.0
100	PI/2 BPSK	135	69	12.10	12.17	12.07	13.8	0.0
100	PI/2 BPSK	135	138	11.98	12.14	12.07	13.8	0.0
100	PI/2 BPSK	270	0	12.06	12.06	12.11		
100	QPSK	1	1	12.31	12.35	12.27	13.8	0.0
100	QPSK	1	137	12.13	12.32	12.16		
100	QPSK	1	271	12.14	12.33	12.15		
100	QPSK	135	0	11.88	11.96	12.01	13.8	0.0
100	QPSK	135	69	12.11	12.23	12.11	13.8	0.0
100	QPSK	135	138	11.93	12.02	12.01	13.8	0.0
100	QPSK	270	0	11.94	12.07	11.85		
100	16QAM	1	1	11.94	12.12	11.93	13.8	0.0
100	64QAM	1	1	11.96	12.02	11.94	13.8	0.0
100	256QAM	1	1	11.97	12.12	12.00	13.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.21	12.25	12.17	13.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	12.21	12.25	12.17	13.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.21	12.25	12.17	13.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.21	12.25	12.17	13.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.21	12.25	12.17	13.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.21	12.25	12.17	13.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.21	12.25	12.17	13.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.21	12.25	12.17	13.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.21	12.25	12.17	13.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.21	12.25	12.17	13.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	12.78	12.74	12.57	14.0	0.0
40	PI/2 BPSK	1	53	12.58	12.67	12.58		
40	PI/2 BPSK	1	104	12.61	12.69	12.56		
40	PI/2 BPSK	50	0	12.72	12.71	12.60	14.0	0.0
40	PI/2 BPSK	50	28	12.51	12.68	12.59	14.0	0.0
40	PI/2 BPSK	50	56	12.50	12.68	12.61	14.0	0.0
40	PI/2 BPSK	100	0	12.54	12.62	12.55		
40	QPSK	1	1	12.90	12.93	12.83	14.0	0.0
40	QPSK	1	53	12.64	12.78	12.67		
40	QPSK	1	104	12.74	12.82	12.79		
40	QPSK	50	0	12.46	12.51	12.51	14.0	0.0
40	QPSK	50	28	12.74	12.76	12.72	14.0	0.0
40	QPSK	50	56	12.45	12.60	12.45	14.0	0.0
40	QPSK	100	0	12.37	12.54	12.41		
40	16QAM	1	1	12.59	12.54	12.56	14.0	0.0
40	64QAM	1	1	12.34	12.43	12.33	14.0	0.0
40	256QAM	1	1	10.73	10.75	10.64	12.0	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	12.96	12.91	12.76	14.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	12.95	12.98	12.79	14.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	12.92	12.98	12.80	14.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	12.87	13.00	12.89	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.74	12.76	12.63	14.0	0.0
100	PI/2 BPSK	1	137	12.59	12.70	12.59		
100	PI/2 BPSK	1	271	12.60	12.69	12.51		
100	PI/2 BPSK	135	0	12.73	12.76	12.65	14.0	0.0
100	PI/2 BPSK	135	69	12.53	12.65	12.64	14.0	0.0
100	PI/2 BPSK	135	138	12.55	12.68	12.54	14.0	0.0
100	PI/2 BPSK	270	0	12.58	12.64	12.61		
100	QPSK	1	1	12.85	12.89	12.86	14.0	0.0
100	QPSK	1	137	12.63	12.84	12.68		
100	QPSK	1	271	12.68	12.82	12.74		
100	QPSK	135	0	12.39	12.46	12.44	14.0	0.0
100	QPSK	135	69	12.72	12.75	12.72	14.0	0.0
100	QPSK	135	138	12.42	12.55	12.42	14.0	0.0
100	QPSK	270	0	12.43	12.51	12.42		
100	16QAM	1	1	12.55	12.59	12.50	14.0	0.0
100	64QAM	1	1	12.50	12.54	12.44	14.0	0.0
100	256QAM	1	1	12.51	12.61	12.43	14.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.70	12.80	12.71	14.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	12.75	12.78	12.78	14.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.78	12.84	12.81	14.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.76	12.77	12.71	14.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.80	12.79	12.78	14.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.73	12.80	12.74	14.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.74	12.76	12.70	14.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.80	12.86	12.74	14.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.79	12.79	12.80	14.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.70	12.83	12.81	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.81	15.78	15.64	17.0	0.0
100	PI/2 BPSK	1	137	15.60	15.63	15.54		
100	PI/2 BPSK	1	271	15.60	15.60	15.53		
100	PI/2 BPSK	135	0	15.68	15.78	15.57	17.0	0.0
100	PI/2 BPSK	135	69	15.53	15.62	15.64	17.0	0.0
100	PI/2 BPSK	135	138	15.58	15.64	15.55	17.0	0.0
100	PI/2 BPSK	270	0	15.50	15.66	15.64		
100	QPSK	1	1	15.81	15.87	15.85	17.0	0.0
100	QPSK	1	137	15.59	15.70	15.66		
100	QPSK	1	271	15.69	15.74	15.74		
100	QPSK	135	0	15.41	15.50	15.46	17.0	0.0
100	QPSK	135	69	15.71	15.81	15.70	17.0	0.0
100	QPSK	135	138	15.47	15.55	15.50	17.0	0.0
100	QPSK	270	0	15.41	15.54	15.46		
100	16QAM	1	1	15.46	15.57	15.44	17.0	0.0
100	64QAM	1	1	15.51	15.59	15.38	17.0	0.0
100	256QAM	1	1	15.48	15.64	15.45	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.77	15.81	15.81	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	15.68	15.84	15.71	17.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.65	15.74	15.81	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.75	15.70	15.74	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.76	15.70	15.69	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.69	15.75	15.70	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.77	15.75	15.70	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.72	15.75	15.70	17.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.75	15.78	15.71	17.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.68	15.83	15.78	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.51	13.44	13.34	14.6	0.0
40	PI/2 BPSK	1	53	13.38	13.42	13.30		
40	PI/2 BPSK	1	104	13.26	13.44	13.14		
40	PI/2 BPSK	50	0	13.47	13.49	13.31	14.6	0.0
40	PI/2 BPSK	50	28	13.29	13.36	13.24	14.6	0.0
40	PI/2 BPSK	50	56	13.22	13.43	13.32	14.6	0.0
40	PI/2 BPSK	100	0	13.35	13.34	13.28		
40	QPSK	1	1	13.50	13.58	13.50	14.6	0.0
40	QPSK	1	53	13.39	13.56	13.42		
40	QPSK	1	104	13.38	13.54	13.45		
40	QPSK	50	0	13.08	13.25	13.13	14.6	0.0
40	QPSK	50	28	13.46	13.52	13.43	14.6	0.0
40	QPSK	50	56	13.19	13.28	13.24	14.6	0.0
40	QPSK	100	0	13.08	13.22	13.19		
40	16QAM	1	1	13.20	13.30	13.27	14.6	0.0
40	64QAM	1	1	13.16	13.28	13.16	14.6	0.0
40	256QAM	1	1	13.24	13.26	13.17	14.6	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	13.37	13.43	13.43	14.6	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	13.38	13.41	13.44	14.6	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	13.43	13.54	13.38	14.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.08	12.18	12.07	14.0	0.0
100	PI/2 BPSK	1	137	12.08	12.24	12.03		
100	PI/2 BPSK	1	271	12.15	12.24	12.03		
100	PI/2 BPSK	135	0	12.07	12.15	12.08	14.0	0.0
100	PI/2 BPSK	135	69	12.04	12.02	12.03	14.0	0.0
100	PI/2 BPSK	135	138	12.14	12.11	12.05	14.0	0.0
100	PI/2 BPSK	270	0	12.05	12.10	12.12		
100	QPSK	1	1	12.21	12.30	12.20	14.0	0.0
100	QPSK	1	137	12.06	12.12	12.08		
100	QPSK	1	271	12.09	12.24	12.11		
100	QPSK	135	0	12.06	12.13	12.10	14.0	0.0
100	QPSK	135	69	12.14	12.16	12.04	14.0	0.0
100	QPSK	135	138	12.05	12.03	12.04	14.0	0.0
100	QPSK	270	0	12.03	12.13	12.10		
100	16QAM	1	1	12.15	12.06	12.07	14.0	0.0
100	64QAM	1	1	12.07	12.21	12.10	14.0	0.0
100	256QAM	1	1	12.03	12.03	12.15	14.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.07	12.21	12.16	14.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.15	12.15	12.10	14.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.17	12.18	12.16	14.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.13	12.19	12.14	14.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.07	12.14	12.14	14.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.04	12.18	12.16	14.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.09	12.19	12.12	14.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.05	12.13	12.07	14.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.14	12.20	12.13	14.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.18	12.22	12.09	14.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.10	12.26	12.12	14.0	0.0

Part27O n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.18	15.12	15.07	17.0	0.0
100	PI/2 BPSK	1	137	15.03	15.11	15.03		
100	PI/2 BPSK	1	271	15.07	15.02	15.11		
100	PI/2 BPSK	135	0	15.14	15.19	15.02	17.0	0.0
100	PI/2 BPSK	135	69	15.03	15.01	15.04	17.0	0.0
100	PI/2 BPSK	135	138	15.10	15.02	15.02	17.0	0.0
100	PI/2 BPSK	270	0	15.08	15.02	15.02		
100	QPSK	1	1	15.25	15.27	15.24	17.0	0.0
100	QPSK	1	137	15.03	15.14	15.08		
100	QPSK	1	271	15.13	15.16	15.10		
100	QPSK	135	0	15.05	15.03	15.01	17.0	0.0
100	QPSK	135	69	15.07	15.11	15.08	17.0	0.0
100	QPSK	135	138	15.04	15.06	15.05	17.0	0.0
100	QPSK	270	0	15.05	15.07	15.06		
100	16QAM	1	1	15.13	15.14	15.04	17.0	0.0
100	64QAM	1	1	15.13	15.05	15.09	17.0	0.0
100	256QAM	1	1	15.09	15.12	15.03	17.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.22	15.11	15.15	17.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.21	15.22	15.16	17.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.12	15.24	15.09	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.16	15.21	15.11	17.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.09	15.16	15.08	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.11	15.21	15.18	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.18	15.20	15.10	17.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.21	15.13	15.17	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.21	15.14	15.17	17.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.10	15.21	15.20	17.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.11	15.22	15.09	17.0	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.54		14.0	0.0
100	PI/2 BPSK	1	137		12.44			
100	PI/2 BPSK	1	271		12.50			
100	PI/2 BPSK	135	0		12.55		14.0	0.0
100	PI/2 BPSK	135	69		12.44		14.0	0.0
100	PI/2 BPSK	135	138		12.53		14.0	0.0
100	PI/2 BPSK	270	0		12.47			
100	QPSK	1	1		12.66		14.0	0.0
100	QPSK	1	137		12.53			
100	QPSK	1	271		12.61			
100	QPSK	135	0		12.30		14.0	0.0
100	QPSK	135	69		12.51		14.0	0.0
100	QPSK	135	138		12.36		14.0	0.0
100	QPSK	270	0		12.39			
100	16QAM	1	1		12.38		14.0	0.0
100	64QAM	1	1		12.33		14.0	0.0
100	256QAM	1	1		12.44		14.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.46	12.52	12.55	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.49	12.46	12.50	14.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.52	12.52	12.58	14.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.51	12.52	12.50	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.48	12.56	12.55	14.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.49	12.50	12.49	14.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.39	12.49	12.58	14.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.44	12.54	12.55	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.48	12.56	12.47	14.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.40	12.55	12.52	14.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.51	12.49	12.52	14.0	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.63		17.0	0.0
100	PI/2 BPSK	1	137		15.45			
100	PI/2 BPSK	1	271		15.55			
100	PI/2 BPSK	135	0		15.59		17.0	0.0
100	PI/2 BPSK	135	69		15.57		17.0	0.0
100	PI/2 BPSK	135	138		15.49		17.0	0.0
100	PI/2 BPSK	270	0		15.50			
100	QPSK	1	1		15.71		17.0	0.0
100	QPSK	1	137		15.62			
100	QPSK	1	271		15.63			
100	QPSK	135	0		15.33		17.0	0.0
100	QPSK	135	69		15.68		17.0	0.0
100	QPSK	135	138		15.44		17.0	0.0
100	QPSK	270	0		15.47			
100	16QAM	1	1		15.45		17.0	0.0
100	64QAM	1	1		15.36		17.0	0.0
100	256QAM	1	1		15.38		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.56	15.59	15.60	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.53	15.59	15.63	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.61	15.68	15.69	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.50	15.55	15.67	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.50	15.57	15.70	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.57	15.68	15.62	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.51	15.68	15.69	17.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.57	15.66	15.68	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.55	15.63	15.70	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.51	15.58	15.66	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.52	15.68	15.58	17.0	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		12.10		14.0	0.0
100	PI/2 BPSK	1	137		12.05			
100	PI/2 BPSK	1	271		12.17			
100	PI/2 BPSK	135	0		12.14		14.0	0.0
100	PI/2 BPSK	135	69		12.08		14.0	0.0
100	PI/2 BPSK	135	138		12.11		14.0	0.0
100	PI/2 BPSK	270	0		12.07			
100	QPSK	1	1		12.21		14.0	0.0
100	QPSK	1	137		12.01			
100	QPSK	1	271		12.07			
100	QPSK	135	0		12.08		14.0	0.0
100	QPSK	135	69		12.12		14.0	0.0
100	QPSK	135	138		12.10		14.0	0.0
100	QPSK	270	0		12.02			
100	16QAM	1	1		12.11		14.0	0.0
100	64QAM	1	1		12.09		14.0	0.0
100	256QAM	1	1		12.09		14.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	12.02	12.09	12.05	14.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	12.05	12.12	12.11	14.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.04	12.07	12.09	14.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	12.02	12.14	12.08	14.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	12.15	12.01	12.01	14.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	12.03	12.02	12.05	14.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.04	12.14	12.02	14.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	12.02	12.12	12.11	14.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	12.14	12.13	12.15	14.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	12.15	12.10	12.05	14.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	12.03	12.14	12.06	14.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.19		17.0	0.0
100	PI/2 BPSK	1	137		15.02			
100	PI/2 BPSK	1	271		15.12			
100	PI/2 BPSK	135	0		15.18		17.0	0.0
100	PI/2 BPSK	135	69		15.01		17.0	0.0
100	PI/2 BPSK	135	138		15.05		17.0	0.0
100	PI/2 BPSK	270	0		15.10			
100	QPSK	1	1		15.26		17.0	0.0
100	QPSK	1	137		15.04			
100	QPSK	1	271		15.12			
100	QPSK	135	0		15.05		17.0	0.0
100	QPSK	135	69		15.08		17.0	0.0
100	QPSK	135	138		15.06		17.0	0.0
100	QPSK	270	0		15.03			
100	16QAM	1	1		15.11		17.0	0.0
100	64QAM	1	1		15.11		17.0	0.0
100	256QAM	1	1		15.12		17.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.25	15.11	15.17	17.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.25	15.05	15.13	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.24	15.10	15.14	17.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.18	15.10	15.19	17.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.23	15.08	15.08	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.15	15.11	15.19	17.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.23	15.15	15.22	17.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.20	15.12	15.09	17.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.18	15.06	15.17	17.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.17	15.06	15.13	17.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.15	15.18	15.16	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		12.54		14.0	0.0
100	PI/2 BPSK	1	137		12.45			
100	PI/2 BPSK	1	271		12.51			
100	PI/2 BPSK	135	0		12.51		14.0	0.0
100	PI/2 BPSK	135	69		12.46		14.0	0.0
100	PI/2 BPSK	135	138		12.55		14.0	0.0
100	PI/2 BPSK	270	0		12.42			
100	QPSK	1	1		12.64		14.0	0.0
100	QPSK	1	137		12.53			
100	QPSK	1	271		12.63			
100	QPSK	135	0		12.27		14.0	0.0
100	QPSK	135	69		12.56		14.0	0.0
100	QPSK	135	138		12.40		14.0	0.0
100	QPSK	270	0		12.39			
100	16QAM	1	1		12.38		14.0	0.0
100	64QAM	1	1		12.34		14.0	0.0
100	256QAM	1	1		12.48		14.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.41	12.57	12.61	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.49	12.58	12.62	14.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.44	12.53	12.53	14.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.40	12.58	12.57	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.50	12.55	12.58	14.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.50	12.56	12.53	14.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	12.41	12.49	12.55	14.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.45	12.55	12.54	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.44	12.55	12.51	14.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.47	12.53	12.56	14.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.40	12.55	12.51	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.64		17.0	0.0
100	PI/2 BPSK	1	137		15.42			
100	PI/2 BPSK	1	271		15.59			
100	PI/2 BPSK	135	0		15.53		17.0	0.0
100	PI/2 BPSK	135	69		15.53		17.0	0.0
100	PI/2 BPSK	135	138		15.46		17.0	0.0
100	PI/2 BPSK	270	0		15.52			
100	QPSK	1	1		15.73		17.0	0.0
100	QPSK	1	137		15.57			
100	QPSK	1	271		15.67			
100	QPSK	135	0		15.29		17.0	0.0
100	QPSK	135	69		15.71		17.0	0.0
100	QPSK	135	138		15.39		17.0	0.0
100	QPSK	270	0		15.51			
100	16QAM	1	1		15.51		17.0	0.0
100	64QAM	1	1		15.42		17.0	0.0
100	256QAM	1	1		15.44		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.54	15.53	15.54	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.55	15.55	15.56	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.50	15.53	15.61	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.61	15.65	15.56	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.57	15.65	15.59	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.58	15.64	15.61	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.54	15.57	15.58	17.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.50	15.60	15.56	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.53	15.59	15.65	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.55	15.53	15.63	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.49	15.63	15.58	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.06	18.07	17.95	19.3	0.0
40	PI/2 BPSK	1	53	17.93	18.03	17.86		
40	PI/2 BPSK	1	104	17.96	17.94	17.69		
40	PI/2 BPSK	50	0	17.99	18.10	17.88	19.3	0.0
40	PI/2 BPSK	50	28	17.79	17.85	17.89	19.3	0.0
40	PI/2 BPSK	50	56	17.89	17.95	17.88	19.3	0.0
40	PI/2 BPSK	100	0	17.80	17.87	17.99		
40	QPSK	1	1	18.13	18.17	18.06	19.3	0.0
40	QPSK	1	53	17.91	18.01	18.07		
40	QPSK	1	104	17.85	18.13	17.97		
40	QPSK	50	0	17.70	17.78	17.79	19.3	0.0
40	QPSK	50	28	18.01	18.13	17.94	19.3	0.0
40	QPSK	50	56	17.68	17.91	17.71	19.3	0.0
40	QPSK	100	0	17.62	17.88	17.80		
40	16QAM	1	1	17.87	17.93	17.79	19.3	0.0
40	64QAM	1	1	17.83	17.96	17.68	19.3	0.0
40	256QAM	1	1	17.81	17.87	17.86	19.3	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.00	18.09	17.92	19.3	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3580	2595	2610		
20	QPSK	1	1	18.10	18.02	17.96	19.3	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.03	18.04	17.98	19.3	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.00	18.00	18.00	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.10	18.05	17.90	19.3	0.0
100	PI/2 BPSK	1	137	17.93	18.00	17.85		
100	PI/2 BPSK	1	271	17.89	17.99	17.75		
100	PI/2 BPSK	135	0	18.01	18.14	17.86	19.3	0.0
100	PI/2 BPSK	135	69	17.85	17.91	17.88	19.3	0.0
100	PI/2 BPSK	135	138	17.87	18.00	17.81	19.3	0.0
100	PI/2 BPSK	270	0	17.81	17.87	17.96		
100	QPSK	1	1	18.12	18.21	18.09	19.3	0.0
100	QPSK	1	137	17.96	18.08	18.05		
100	QPSK	1	271	17.90	18.12	18.04		
100	QPSK	135	0	17.73	17.76	17.76	19.3	0.0
100	QPSK	135	69	17.98	18.07	17.94	19.3	0.0
100	QPSK	135	138	17.72	17.90	17.72	19.3	0.0
100	QPSK	270	0	17.65	17.85	17.78		
100	16QAM	1	1	17.85	17.96	17.85	19.3	0.0
100	64QAM	1	1	17.82	17.90	17.68	19.3	0.0
100	256QAM	1	1	17.85	17.89	17.83	19.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.96	18.08	18.02	19.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.06	18.13	17.98	19.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.04	18.18	17.96	19.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.01	18.13	18.03	19.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.05	18.18	18.04	19.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.07	18.13	17.96	19.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.06	18.06	17.98	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.09	18.07	17.92	19.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.03	18.17	18.04	19.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.06	18.08	17.92	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.96	21.04	20.91	22.3	0.0
100	PI/2 BPSK	1	137	20.90	20.90	20.81		
100	PI/2 BPSK	1	271	20.77	20.93	20.66		
100	PI/2 BPSK	135	0	21.06	21.08	20.88	22.3	0.0
100	PI/2 BPSK	135	69	20.87	20.98	20.88	22.3	0.0
100	PI/2 BPSK	135	138	20.80	20.89	20.81	22.3	0.0
100	PI/2 BPSK	270	0	20.87	20.85	20.88		
100	QPSK	1	1	21.08	21.11	21.10	22.3	0.0
100	QPSK	1	137	20.89	21.03	20.97		
100	QPSK	1	271	20.95	21.03	21.00		
100	QPSK	135	0	20.65	20.78	20.78	22.3	0.0
100	QPSK	135	69	20.90	20.99	20.93	22.3	0.0
100	QPSK	135	138	20.74	20.84	20.68	22.3	0.0
100	QPSK	270	0	20.62	20.76	20.74		
100	16QAM	1	1	20.81	20.91	20.76	22.3	0.0
100	64QAM	1	1	20.78	20.88	20.62	22.3	0.0
100	256QAM	1	1	20.47	20.58	20.50	20.8	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.96	20.95	21.05	22.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.91	20.99	21.00	22.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.93	21.05	20.93	22.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.98	21.00	21.07	22.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.93	20.99	21.06	22.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.93	21.06	21.06	22.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.96	20.98	21.04	22.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.04	20.98	21.04	22.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.98	21.04	21.00	22.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.04	21.01	21.01	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	12.06	12.11	12.16	14.0	0.0
40	PI/2 BPSK	1	53	12.08	12.05	12.08		
40	PI/2 BPSK	1	104	12.09	12.17	12.13		
40	PI/2 BPSK	50	0	12.12	12.20	12.18	14.0	0.0
40	PI/2 BPSK	50	28	12.14	12.01	12.01	14.0	0.0
40	PI/2 BPSK	50	56	12.08	12.07	12.11		
40	PI/2 BPSK	100	0	12.13	12.13	12.01	14.0	0.0
40	QPSK	1	1	12.24	12.28	12.20		
40	QPSK	1	53	12.09	12.12	12.08	14.0	0.0
40	QPSK	1	104	12.04	12.10	12.19		
40	QPSK	50	0	12.11	12.11	12.15	14.0	0.0
40	QPSK	50	28	12.10	12.20	12.08	14.0	0.0
40	QPSK	50	56	12.17	12.03	12.17		
40	QPSK	100	0	12.09	12.16	12.08	14.0	0.0
40	16QAM	1	1	12.21	12.08	12.07	14.0	0.0
40	64QAM	1	1	12.16	12.12	12.18	14.0	0.0
40	256QAM	1	1	12.14	12.13	12.21	14.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	12.20	12.24	12.06	14.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	12.16	12.13	12.15	14.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	12.09	12.20	12.12	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	10.66	10.62	10.59	12.5	0.0
100	PI/2 BPSK	1	137	10.51	10.64	10.60		
100	PI/2 BPSK	1	271	10.53	10.51	10.70		
100	PI/2 BPSK	135	0	10.66	10.66	10.67	12.5	0.0
100	PI/2 BPSK	135	69	10.68	10.53	10.51	12.5	0.0
100	PI/2 BPSK	135	138	10.63	10.58	10.72	12.5	0.0
100	PI/2 BPSK	270	0	10.66	10.56	10.67		
100	QPSK	1	1	10.75	10.80	10.78	12.5	0.0
100	QPSK	1	137	10.55	10.61	10.56		
100	QPSK	1	271	10.55	10.65	10.63		
100	QPSK	135	0	10.62	10.66	10.61	12.5	0.0
100	QPSK	135	69	10.61	10.70	10.60	12.5	0.0
100	QPSK	135	138	10.60	10.51	10.64	12.5	0.0
100	QPSK	270	0	10.60	10.62	10.59		
100	16QAM	1	1	10.63	10.58	10.64	12.5	0.0
100	64QAM	1	1	10.63	10.51	10.61	12.5	0.0
100	256QAM	1	1	10.68	10.63	10.67	12.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	10.62	10.75	10.67	12.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	10.66	10.68	10.68	12.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	10.68	10.70	10.75	12.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	10.62	10.72	10.68	12.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	10.69	10.66	10.64	12.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	10.61	10.70	10.74	12.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	10.60	10.64	10.69	12.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	10.70	10.64	10.65	12.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	10.60	10.63	10.64	12.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	10.61	10.67	10.64	12.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	10.65	10.70	10.64	12.5	0.0

Part27O n77 PC2

BW [MHz]	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	13.61	13.62	13.59	15.5	0.0
100	PI/2 BPSK	1	137	13.54	13.71	13.58		
100	PI/2 BPSK	1	271	13.57	13.54	13.67		
100	PI/2 BPSK	135	0	13.65	13.71	13.62	15.5	0.0
100	PI/2 BPSK	135	69	13.62	13.54	13.53	15.5	0.0
100	PI/2 BPSK	135	138	13.65	13.62	13.73	15.5	0.0
100	PI/2 BPSK	270	0	13.60	13.55	13.69		
100	QPSK	1	1	13.68	13.84	13.78	15.5	0.0
100	QPSK	1	137	13.53	13.60	13.53		
100	QPSK	1	271	13.53	13.68	13.64		
100	QPSK	135	0	13.58	13.66	13.65	15.5	0.0
100	QPSK	135	69	13.57	13.70	13.65	15.5	0.0
100	QPSK	135	138	13.54	13.57	13.65	15.5	0.0
100	QPSK	270	0	13.61	13.68	13.63		
100	16QAM	1	1	13.61	13.63	13.63	15.5	0.0
100	64QAM	1	1	13.57	13.54	13.55	15.5	0.0
100	256QAM	1	1	13.68	13.59	13.62	15.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.62	13.67	13.72	15.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.59	13.73	13.74	15.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.59	13.69	13.74	15.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.52	13.69	13.71	15.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.65	13.74	13.70	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.62	13.76	13.64	15.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.64	13.78	13.67	15.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.62	13.80	13.63	15.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.63	13.77	13.70	15.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.56	13.68	13.64	15.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.63	13.73	13.71	15.5	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		10.54		12.5	0.0
100	PI/2 BPSK	1	137		10.52			
100	PI/2 BPSK	1	271		10.52			
100	PI/2 BPSK	135	0		10.56		12.5	0.0
100	PI/2 BPSK	135	69		10.51		12.5	0.0
100	PI/2 BPSK	135	138		10.54		12.5	0.0
100	PI/2 BPSK	270	0		10.54			
100	QPSK	1	1		10.66		12.5	0.0
100	QPSK	1	137		10.53			
100	QPSK	1	271		10.64			
100	QPSK	135	0		10.51		12.5	0.0
100	QPSK	135	69		10.63		12.5	0.0
100	QPSK	135	138		10.55		12.5	0.0
100	QPSK	270	0		10.59			
100	16QAM	1	1		10.52		12.5	0.0
100	64QAM	1	1		10.51		12.5	0.0
100	256QAM	1	1		10.54		12.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	10.53	10.51	10.54	12.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	10.55	10.58	10.52	12.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	10.60	10.53	10.62	12.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	10.59	10.54	10.51	12.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	10.56	10.52	10.62	12.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	10.56	10.58	10.60	12.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	10.61	10.58	10.61	12.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	10.60	10.54	10.55	12.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	10.62	10.52	10.58	12.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	10.56	10.58	10.55	12.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	10.60	10.56	10.62	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.61		15.5	0.0
100	PI/2 BPSK	1	137		13.58			
100	PI/2 BPSK	1	271		13.56			
100	PI/2 BPSK	135	0		13.55		15.5	0.0
100	PI/2 BPSK	135	69		13.51		15.5	0.0
100	PI/2 BPSK	135	138		13.53		15.5	0.0
100	PI/2 BPSK	270	0		13.55			
100	QPSK	1	1		13.69		15.5	0.0
100	QPSK	1	137		13.55			
100	QPSK	1	271		13.64			
100	QPSK	135	0		13.52		15.5	0.0
100	QPSK	135	69		13.62		15.5	0.0
100	QPSK	135	138		13.60		15.5	0.0
100	QPSK	270	0		13.62			
100	16QAM	1	1		13.51		15.5	0.0
100	64QAM	1	1		13.55		15.5	0.0
100	256QAM	1	1		13.51		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.53	13.54	13.57	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.54	13.51	13.60	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.52	13.54	13.59	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.55	13.52	13.51	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.53	13.58	13.51	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.51	13.57	13.55	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.53	13.51	13.60	15.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.54	13.53	13.60	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.59	13.53	13.55	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.55	13.56	13.55	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.55	13.55	13.55	15.5	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		10.76		12.5	0.0
100	PI/2 BPSK	1	137		10.79			
100	PI/2 BPSK	1	271		10.54			
100	PI/2 BPSK	135	0		10.77		12.5	0.0
100	PI/2 BPSK	135	69		10.61		12.5	0.0
100	PI/2 BPSK	135	138		10.62		12.5	0.0
100	PI/2 BPSK	270	0		10.70			
100	QPSK	1	1		10.91		12.5	0.0
100	QPSK	1	137		10.71			
100	QPSK	1	271		10.80			
100	QPSK	135	0		10.76		12.5	0.0
100	QPSK	135	69		10.74		12.5	0.0
100	QPSK	135	138		10.55		12.5	0.0
100	QPSK	270	0		10.70			
100	16QAM	1	1		10.73		12.5	0.0
100	64QAM	1	1		10.59		12.5	0.0
100	256QAM	1	1		10.73		12.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	10.67	10.89	10.84	12.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	10.71	10.80	10.80	12.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	10.73	10.91	10.78	12.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	10.73	10.89	10.79	12.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	10.68	10.88	10.83	12.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	10.77	10.87	10.73	12.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	10.79	10.79	10.73	12.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	10.68	10.86	10.70	12.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	10.66	10.80	10.78	12.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	10.75	10.90	10.81	12.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	10.73	10.86	10.81	12.5	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.65		15.5	0.0
100	PI/2 BPSK	1	137		13.65			
100	PI/2 BPSK	1	271		13.61			
100	PI/2 BPSK	135	0		13.70		15.5	0.0
100	PI/2 BPSK	135	69		13.65		15.5	0.0
100	PI/2 BPSK	135	138		13.82		15.5	0.0
100	PI/2 BPSK	270	0		13.72			
100	QPSK	1	1		13.88		15.5	0.0
100	QPSK	1	137		13.58			
100	QPSK	1	271		13.59			
100	QPSK	135	0		13.69		15.5	0.0
100	QPSK	135	69		13.72		15.5	0.0
100	QPSK	135	138		13.67		15.5	0.0
100	QPSK	270	0		13.65			
100	16QAM	1	1		13.73		15.5	0.0
100	64QAM	1	1		13.74		15.5	0.0
100	256QAM	1	1		13.79		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.69	13.74	13.80	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.74	13.71	13.86	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.67	13.79	13.81	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.71	13.70	13.82	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.77	13.82	13.80	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.73	13.76	13.85	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.74	13.80	13.79	15.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.78	13.78	13.75	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.78	13.82	13.85	15.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.67	13.73	13.84	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.67	13.81	13.88	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		10.71		12.5	0.0
100	PI/2 BPSK	1	137		10.58			
100	PI/2 BPSK	1	271		10.60			
100	PI/2 BPSK	135	0		10.63		12.5	0.0
100	PI/2 BPSK	135	69		10.66		12.5	0.0
100	PI/2 BPSK	135	138		10.67		12.5	0.0
100	PI/2 BPSK	270	0		10.60			
100	QPSK	1	1		10.79		12.5	0.0
100	QPSK	1	137		10.62			
100	QPSK	1	271		10.76			
100	QPSK	135	0		10.61		12.5	0.0
100	QPSK	135	69		10.78		12.5	0.0
100	QPSK	135	138		10.67		12.5	0.0
100	QPSK	270	0		10.65			
100	16QAM	1	1		10.63		12.5	0.0
100	64QAM	1	1		10.64		12.5	0.0
100	256QAM	1	1		10.64		12.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	10.67	10.56	10.60	12.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	10.65	10.64	10.68	12.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	10.58	10.63	10.65	12.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	10.60	10.64	10.60	12.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	10.67	10.62	10.66	12.5	0.0
Channel				631334	633334	633334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	10.64	10.60	10.65	12.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	10.62	10.60	10.63	12.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	10.58	10.61	10.62	12.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	10.58	10.55	10.62	12.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	10.66	10.63	10.66	12.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	10.66	10.65	10.63	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.72		15.5	0.0
100	PI/2 BPSK	1	137		13.67			
100	PI/2 BPSK	1	271		13.62			
100	PI/2 BPSK	135	0		13.60		15.5	0.0
100	PI/2 BPSK	135	69		13.66		15.5	0.0
100	PI/2 BPSK	135	138		13.62		15.5	0.0
100	PI/2 BPSK	270	0		13.67			
100	QPSK	1	1		13.79		15.5	0.0
100	QPSK	1	137		13.71			
100	QPSK	1	271		13.69			
100	QPSK	135	0		13.65		15.5	0.0
100	QPSK	135	69		13.75		15.5	0.0
100	QPSK	135	138		13.65		15.5	0.0
100	QPSK	270	0		13.74			
100	16QAM	1	1		13.61		15.5	0.0
100	64QAM	1	1		13.66		15.5	0.0
100	256QAM	1	1		13.64		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.61	13.67	13.66	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.59	13.64	13.72	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.67	13.58	13.61	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.67	13.61	13.72	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.63	13.69	13.66	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.61	13.60	13.72	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.68	13.62	13.61	15.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.68	13.65	13.67	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.70	13.65	13.74	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.62	13.57	13.73	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.61	13.57	13.67	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.48	13.38	13.27	14.7	0.0
40	PI/2 BPSK	1	53	13.25	13.32	13.28		
40	PI/2 BPSK	1	104	13.23	13.36	13.15		
40	PI/2 BPSK	50	0	13.42	13.46	13.31	14.7	0.0
40	PI/2 BPSK	50	28	13.22	13.34	13.27	14.7	0.0
40	PI/2 BPSK	50	56	13.16	13.39	13.18	14.7	0.0
40	PI/2 BPSK	100	0	13.30	13.27	13.32		
40	QPSK	1	1	13.49	13.51	13.46	14.7	0.0
40	QPSK	1	53	13.27	13.47	13.34		
40	QPSK	1	104	13.27	13.50	13.29		
40	QPSK	50	0	13.03	13.15	13.10	14.7	0.0
40	QPSK	50	28	13.32	13.47	13.38	14.7	0.0
40	QPSK	50	56	13.09	13.30	13.09	14.7	0.0
40	QPSK	100	0	13.11	13.19	13.14		
40	16QAM	1	1	13.18	13.32	13.15	14.7	0.0
40	64QAM	1	1	13.19	13.19	13.10	14.7	0.0
40	256QAM	1	1	13.25	13.29	13.16	14.7	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	13.32	13.40	13.35	14.7	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	13.36	13.42	13.33	14.7	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	13.37	13.46	13.39	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.75	13.83	13.72	14.7	0.0
100	PI/2 BPSK	1	137	13.65	13.65	13.56		
100	PI/2 BPSK	1	271	13.60	13.72	13.48		
100	PI/2 BPSK	135	0	13.72	13.77	13.58	14.7	0.0
100	PI/2 BPSK	135	69	13.62	13.70	13.66	14.7	0.0
100	PI/2 BPSK	135	138	13.48	13.67	13.54	14.7	0.0
100	PI/2 BPSK	270	0	13.58	13.68	13.62		
100	QPSK	1	1	13.77	13.89	13.82	14.7	0.0
100	QPSK	1	137	13.69	13.82	13.73		
100	QPSK	1	271	13.67	13.85	13.68		
100	QPSK	135	0	13.42	13.57	13.54	14.7	0.0
100	QPSK	135	69	13.68	13.85	13.65	14.7	0.0
100	QPSK	135	138	13.44	13.58	13.54	14.7	0.0
100	QPSK	270	0	13.38	13.63	13.51		
100	16QAM	1	1	13.54	13.60	13.51	14.7	0.0
100	64QAM	1	1	13.57	13.64	13.50	14.7	0.0
100	256QAM	1	1	13.61	13.66	13.42	14.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.73	13.72	13.71	14.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.62	13.76	13.71	14.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.64	13.83	13.71	14.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.63	13.82	13.69	14.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.65	13.73	13.66	14.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.72	13.80	13.67	14.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.66	13.80	13.69	14.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.66	13.72	13.72	14.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.60	13.78	13.67	14.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.66	13.85	13.75	14.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.72	13.76	13.75	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.71	16.76	16.60	17.7	0.0
100	PI/2 BPSK	1	137	16.65	16.65	16.48		
100	PI/2 BPSK	1	271	16.52	16.59	16.52		
100	PI/2 BPSK	135	0	16.72	16.75	16.62	17.7	0.0
100	PI/2 BPSK	135	69	16.52	16.71	16.57	17.7	0.0
100	PI/2 BPSK	135	138	16.50	16.69	16.58	17.7	0.0
100	PI/2 BPSK	270	0	16.53	16.60	16.55		
100	QPSK	1	1	16.76	16.86	16.78	17.7	0.0
100	QPSK	1	137	16.59	16.82	16.69		
100	QPSK	1	271	16.66	16.82	16.68		
100	QPSK	135	0	16.46	16.50	16.47	17.7	0.0
100	QPSK	135	69	16.62	16.68	16.65	17.7	0.0
100	QPSK	135	138	16.52	16.58	16.44	17.7	0.0
100	QPSK	270	0	16.47	16.49	16.43		
100	16QAM	1	1	16.50	16.56	16.49	17.7	0.0
100	64QAM	1	1	16.51	16.52	16.43	17.7	0.0
100	256QAM	1	1	16.48	16.63	16.42	17.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.69	16.80	16.69	17.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.65	16.71	16.71	17.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.70	16.77	16.65	17.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.71	16.81	16.70	17.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.65	16.74	16.73	17.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.63	16.79	16.69	17.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.68	16.72	16.73	17.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.67	16.81	16.74	17.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.68	16.78	16.74	17.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.61	16.81	16.64	17.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.70	16.82	16.71	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.19		14.7	0.0
100	PI/2 BPSK	1	137		14.06			
100	PI/2 BPSK	1	271		14.15			
100	PI/2 BPSK	135	0		14.28		14.7	0.0
100	PI/2 BPSK	135	69		14.12		14.7	0.0
100	PI/2 BPSK	135	138		14.16		14.7	0.0
100	PI/2 BPSK	270	0		14.09		14.7	0.0
100	QPSK	1	1		14.34		14.7	0.0
100	QPSK	1	137		14.22			
100	QPSK	1	271		14.28			
100	QPSK	135	0		13.90		14.7	0.0
100	QPSK	135	69		14.16		14.7	0.0
100	QPSK	135	138		14.05		14.7	0.0
100	QPSK	270	0		13.95		14.7	0.0
100	16QAM	1	1		14.09		14.7	0.0
100	64QAM	1	1		14.06		14.7	0.0
100	256QAM	1	1		13.98		14.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.17	14.18	14.22	14.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.21	14.15	14.20	14.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.14	14.17	14.22	14.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.24	14.16	14.28	14.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.13	14.16	14.26	14.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.17	14.14	14.17	14.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.23	14.17	14.28	14.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.21	14.14	14.28	14.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.17	14.20	14.30	14.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.18	14.26	14.30	14.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.12	14.16	14.21	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.15		17.7	0.0
100	PI/2 BPSK	1	137		16.98			
100	PI/2 BPSK	1	271		17.02			
100	PI/2 BPSK	135	0		17.19		17.7	0.0
100	PI/2 BPSK	135	69		17.11		17.7	0.0
100	PI/2 BPSK	135	138		17.11		17.7	0.0
100	PI/2 BPSK	270	0		17.10		17.7	0.0
100	QPSK	1	1		17.25		17.7	0.0
100	QPSK	1	137		17.19			
100	QPSK	1	271		17.17			
100	QPSK	135	0		16.87		17.7	0.0
100	QPSK	135	69		17.18		17.7	0.0
100	QPSK	135	138		16.99		17.7	0.0
100	QPSK	270	0		16.94		17.7	0.0
100	16QAM	1	1		16.97		17.7	0.0
100	64QAM	1	1		17.00		17.7	0.0
100	256QAM	1	1		17.02		17.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.04	17.15	17.14	17.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.11	17.08	17.05	17.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.09	17.21	17.09	17.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.11	17.10	17.13	17.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.10	17.09	17.13	17.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.09	17.13	17.14	17.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.05	17.21	17.06	17.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.07	17.11	17.04	17.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.04	17.14	17.04	17.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.07	17.17	17.14	17.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.12	17.11	17.06	17.7	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.69		14.7	0.0
100	PI/2 BPSK	1	137		13.61			
100	PI/2 BPSK	1	271		13.66			
100	PI/2 BPSK	135	0		13.68		14.7	0.0
100	PI/2 BPSK	135	69		13.66		14.7	0.0
100	PI/2 BPSK	135	138		13.52		14.7	0.0
100	PI/2 BPSK	270	0		13.56		14.7	0.0
100	QPSK	1	1		13.82		14.7	0.0
100	QPSK	1	137		13.70			
100	QPSK	1	271		13.71			
100	QPSK	135	0		13.49		14.7	0.0
100	QPSK	135	69		13.69		14.7	0.0
100	QPSK	135	138		13.46		14.7	0.0
100	QPSK	270	0		13.35		14.7	0.0
100	16QAM	1	1		13.50		14.7	0.0
100	64QAM	1	1		13.60		14.7	0.0
100	256QAM	1	1		13.58		14.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.80	13.77	13.67	14.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.68	13.66	13.67	14.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.78	13.74	13.73	14.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.74	13.74	13.69	14.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.68	13.68	13.69	14.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.67	13.66	13.78	14.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.67	13.67	13.71	14.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.79	13.77	13.69	14.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.71	13.70	13.76	14.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.79	13.78	13.67	14.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.74	13.76	13.76	14.7	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.77		17.7	0.0
100	PI/2 BPSK	1	137		16.62			
100	PI/2 BPSK	1	271		16.48			
100	PI/2 BPSK	135	0		16.78		17.7	0.0
100	PI/2 BPSK	135	69		16.56		17.7	0.0
100	PI/2 BPSK	135	138		16.45		17.7	0.0
100	PI/2 BPSK	270	0		16.48			
100	QPSK	1	1		16.86		17.7	0.0
100	QPSK	1	137		16.64			
100	QPSK	1	271		16.64			
100	QPSK	135	0		16.48		17.7	0.0
100	QPSK	135	69		16.67		17.7	0.0
100	QPSK	135	138		16.56		17.7	0.0
100	QPSK	270	0		16.49			
100	16QAM	1	1		16.52		17.7	0.0
100	64QAM	1	1		16.54		17.7	0.0
100	256QAM	1	1		16.52		17.7	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.67	16.77	16.67	17.7	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.71	16.79	16.72	17.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.67	16.85	16.72	17.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.66	16.80	16.66	17.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.71	16.76	16.75	17.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.71	16.82	16.68	17.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.69	16.73	16.68	17.7	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.69	16.77	16.70	17.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.73	16.78	16.64	17.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.65	16.81	16.65	17.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.64	16.85	16.67	17.7	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.24		14.7	0.0
100	PI/2 BPSK	1	137		14.10			
100	PI/2 BPSK	1	271		14.08			
100	PI/2 BPSK	135	0		14.27		14.7	0.0
100	PI/2 BPSK	135	69		14.15		14.7	0.0
100	PI/2 BPSK	135	138		14.16		14.7	0.0
100	PI/2 BPSK	270	0		14.15			
100	QPSK	1	1		14.38		14.7	0.0
100	QPSK	1	137		14.25			
100	QPSK	1	271		14.21			
100	QPSK	135	0		13.86		14.7	0.0
100	QPSK	135	69		14.17		14.7	0.0
100	QPSK	135	138		14.08		14.7	0.0
100	QPSK	270	0		13.90			
100	16QAM	1	1		14.03		14.7	0.0
100	64QAM	1	1		14.00		14.7	0.0
100	256QAM	1	1		14.02		14.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.20	14.21	14.21	14.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.22	14.20	14.22	14.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.11	14.24	14.22	14.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.19	14.20	14.16	14.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.13	14.15	14.16	14.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.11	14.20	14.28	14.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.22	14.13	14.24	14.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.19	14.13	14.15	14.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.16	14.22	14.17	14.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.15	14.22	14.22	14.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.23	14.13	14.19	14.7	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.78		17.7	0.0
100	PI/2 BPSK	1	137		16.61			
100	PI/2 BPSK	1	271		16.47			
100	PI/2 BPSK	135	0		16.83		17.7	0.0
100	PI/2 BPSK	135	69		16.60		17.7	0.0
100	PI/2 BPSK	135	138		16.48		17.7	0.0
100	PI/2 BPSK	270	0		16.48			
100	QPSK	1	1		16.92		17.7	0.0
100	QPSK	1	137		16.68			
100	QPSK	1	271		16.62			
100	QPSK	135	0		16.41		17.7	0.0
100	QPSK	135	69		16.64		17.7	0.0
100	QPSK	135	138		16.58		17.7	0.0
100	QPSK	270	0		16.47			
100	16QAM	1	1		16.46		17.7	0.0
100	64QAM	1	1		16.48		17.7	0.0
100	256QAM	1	1		16.45		17.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.71	16.71	16.68	17.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.62	16.81	16.62	17.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.64	16.71	16.62	17.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.64	16.74	16.67	17.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.62	16.81	16.69	17.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.62	16.75	16.69	17.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.69	16.71	16.73	17.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.61	16.81	16.66	17.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.63	16.73	16.64	17.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.72	16.72	16.68	17.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.69	16.82	16.66	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.29	18.33	18.33	19.3	0.0
50	PI/2 BPSK	1	135	18.30	18.34	18.32		
50	PI/2 BPSK	1	268	18.39	18.38	18.34		
50	PI/2 BPSK	135	0	18.35	18.32	18.37	19.3	0.0
50	PI/2 BPSK	135	68	18.40	18.29	18.37	19.3	0.0
50	PI/2 BPSK	135	135	18.39	18.40	18.40	19.3	0.0
50	PI/2 BPSK	270	0	18.36	18.36	18.30		
50	QPSK	1	1	18.38	18.44	18.33	19.3	0.0
50	QPSK	1	135	18.32	18.37	18.31		
50	QPSK	1	268	18.31	18.37	18.39		
50	QPSK	135	0	18.39	18.38	18.40	19.3	0.0
50	QPSK	135	68	18.39	18.41	18.31	19.3	0.0
50	QPSK	135	135	18.29	18.38	18.31	19.3	0.0
50	QPSK	270	0	18.23	18.36	18.31		
50	16QAM	1	1	18.31	18.37	18.29	19.3	0.0
50	64QAM	1	1	18.28	18.39	18.35	19.3	0.0
50	256QAM	1	1	18.38	18.36	18.40	19.3	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.26	18.39	18.18	19.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.28	18.39	18.22	19.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.33	18.35	18.30	19.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.28	18.30	18.27	19.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.22	18.39	18.17	19.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.28	18.38	18.30	19.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.26	18.34	18.18	19.3	0.0

n30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					462000			
Frequency (MHz)					2310			
10	PI/2 BPSK	1	1		21.40		22.5	0.0
10	PI/2 BPSK	1	26		21.34			
10	PI/2 BPSK	1	50		21.33			
10	PI/2 BPSK	25	0		21.38		22.5	0.0
10	PI/2 BPSK	25	14		21.31		22.5	0.0
10	PI/2 BPSK	25	27		21.37		22.5	0.0
10	PI/2 BPSK	50	0		21.38			
10	QPSK	1	1		21.45		22.5	0.0
10	QPSK	1	26		21.37			
10	QPSK	1	50		21.32			
10	QPSK	25	0		21.42		22.5	0.0
10	QPSK	25	14		21.32		22.5	0.0
10	QPSK	25	27		21.40		22.5	0.0
10	QPSK	50	0		21.37			
10	16QAM	1	1		21.32		22.5	0.0
10	64QAM	1	1		21.37		22.5	0.0
10	256QAM	1	1		20.32		21.5	1.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	21.31	21.35	21.36	22.5	0.0

n38

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	18.64	18.69	18.66	19.8	0.0
40	Pi/2 BPSK	1	53	18.71	18.68	18.70		
40	Pi/2 BPSK	1	104	18.60	18.60	18.67		
40	Pi/2 BPSK	50	0	18.60	18.71	18.62	19.8	0.0
40	Pi/2 BPSK	50	28	18.61	18.69	18.65	19.8	0.0
40	Pi/2 BPSK	50	56	18.64	18.70	18.61	19.8	0.0
40	Pi/2 BPSK	100	0	18.70	18.68	18.66		
40	QPSK	1	1	18.71	18.76	18.69	19.8	0.0
40	QPSK	1	53	18.64	18.61	18.64		
40	QPSK	1	104	18.71	18.67	18.71		
40	QPSK	50	0	18.64	18.68	18.71	19.8	0.0
40	QPSK	50	28	18.60	18.75	18.61	19.8	0.0
40	QPSK	50	56	18.63	18.67	18.66	19.8	0.0
40	QPSK	100	0	18.67	18.71	18.64		
40	16QAM	1	1	18.66	18.68	18.65	19.8	0.0
40	64QAM	1	1	18.69	18.67	18.66	19.8	0.0
40	256QAM	1	1	18.65	18.62	18.69	19.8	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.57	18.69	18.62	19.8	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.59	18.71	18.65	19.8	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.63	18.62	18.62	19.8	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.59	18.65	18.56	19.8	0.0

n41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	18.43	18.46	18.47	19.8	0.0
100	Pi/2 BPSK	1	137	18.45	18.41	18.40		
100	Pi/2 BPSK	1	271	18.38	18.39	18.48		
100	Pi/2 BPSK	135	0	18.48	18.47	18.45	19.8	0.0
100	Pi/2 BPSK	135	69	18.49	18.44	18.41	19.8	0.0
100	Pi/2 BPSK	135	138	18.47	18.38	18.41	19.8	0.0
100	Pi/2 BPSK	270	0	18.46	18.48	18.41		
100	QPSK	1	1	18.39	18.54	18.39	19.8	0.0
100	QPSK	1	137	18.39	18.39	18.40		
100	QPSK	1	271	18.47	18.38	18.47		
100	QPSK	135	0	18.43	18.45	18.38	19.8	0.0
100	QPSK	135	69	18.48	18.52	18.45	19.8	0.0
100	QPSK	135	138	18.50	18.46	18.46	19.8	0.0
100	QPSK	270	0	18.41	18.47	18.41		
100	16QAM	1	1	18.41	18.39	18.43	19.8	0.0
100	64QAM	1	1	18.41	18.43	18.43	19.8	0.0
100	256QAM	1	1	18.42	18.40	18.40	19.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.28	18.45	18.25	19.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.26	18.48	18.24	19.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.32	18.40	18.30	19.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.25	18.44	18.31	19.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.30	18.50	18.31	19.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.31	18.50	18.34	19.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.26	18.45	18.33	19.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.24	18.44	18.28	19.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.31	18.42	18.28	19.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.26	18.42	18.23	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	21.41	21.43	21.35	22.8	0.0
100	Pi/2 BPSK	1	137	21.40	21.37	21.38		
100	Pi/2 BPSK	1	271	21.42	21.34	21.35		
100	Pi/2 BPSK	135	0	21.41	21.35	21.38	22.8	0.0
100	Pi/2 BPSK	135	69	21.37	21.40	21.40	22.8	0.0
100	Pi/2 BPSK	135	138	21.42	21.34	21.40	22.8	0.0
100	Pi/2 BPSK	270	0	21.32	21.32	21.33		
100	QPSK	1	1	21.37	21.47	21.33	22.8	0.0
100	QPSK	1	137	21.39	21.35	21.39		
100	QPSK	1	271	21.42	21.36	21.41		
100	QPSK	135	0	21.38	21.34	21.31	22.8	0.0
100	QPSK	135	69	21.35	21.40	21.34	22.8	0.0
100	QPSK	135	138	21.38	21.36	21.35	22.8	0.0
100	QPSK	270	0	21.38	21.42	21.39		
100	16QAM	1	1	21.40	21.40	21.39	22.8	0.0
100	64QAM	1	1	21.39	21.38	21.36	22.8	0.0
100	256QAM	1	1	21.41	21.38	21.34	22.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.27	21.35	21.28	22.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.23	21.40	21.27	22.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.28	21.42	21.29	22.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.23	21.34	21.29	22.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.22	21.36	21.21	22.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.30	21.33	21.18	22.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.29	21.40	21.22	22.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.30	21.34	21.24	22.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.27	21.36	21.20	22.8	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	21.39	21.22	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.16	20.05	19.71	21.2	0.0
40	PI/2 BPSK	1	53	19.65	20.15	20.16		
40	PI/2 BPSK	1	104	19.65	19.79	19.90		
40	PI/2 BPSK	50	0	20.06	19.70	19.70	21.2	0.0
40	PI/2 BPSK	50	28	19.97	20.02	20.03	21.2	0.0
40	PI/2 BPSK	50	56	20.11	19.82	19.92	21.2	0.0
40	PI/2 BPSK	100	0	20.00	19.79	20.18		
40	QPSK	1	1	19.89	20.20	19.82	21.2	0.0
40	QPSK	1	53	19.94	20.10	19.86		
40	QPSK	1	104	19.65	19.91	20.14		
40	QPSK	50	0	19.77	20.01	20.09	21.2	0.0
40	QPSK	50	28	19.65	20.12	19.81	21.2	0.0
40	QPSK	50	56	19.90	20.05	19.79	21.2	0.0
40	QPSK	100	0	19.95	20.05	19.79		
40	16QAM	1	1	20.05	19.68	19.91	21.2	0.0
40	64QAM	1	1	19.94	19.76	19.94	21.2	0.0
40	256QAM	1	1	18.63	18.64	18.86	19.7	1.5
Channel				637668	641666	645668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.60	20.03	19.31	21.2	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.33	19.79	19.36	21.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.33	19.63	19.35	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.80	20.66	20.44	21.2	0.0
100	PI/2 BPSK	1	137	20.83	20.60	20.56		
100	PI/2 BPSK	1	271	20.64	20.73	20.42		
100	PI/2 BPSK	135	0	20.81	20.72	20.72	21.2	0.0
100	PI/2 BPSK	135	69	20.45	20.50	20.29	21.2	0.0
100	PI/2 BPSK	135	138	20.38	20.71	20.55	21.2	0.0
100	PI/2 BPSK	270	0	20.48	20.65	20.50		
100	QPSK	1	1	20.42	20.87	20.48	21.2	0.0
100	QPSK	1	137	20.44	20.69	20.35		
100	QPSK	1	271	20.60	20.40	20.45		
100	QPSK	135	0	19.99	20.03	20.02	20.7	0.5
100	QPSK	135	69	20.63	20.84	20.77	21.2	0.0
100	QPSK	135	138	19.95	20.08	20.12	20.7	0.5
100	QPSK	270	0	20.25	20.32	20.00		
100	16QAM	1	1	20.28	20.10	20.25	20.7	0.5
100	64QAM	1	1	18.33	18.79	18.40	19.2	2.0
100	256QAM	1	1	16.50	16.38	16.36	17.2	4.0
Channel				649668	650000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.38	20.48	20.24	21.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.24	20.52	20.03	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.10	20.31	20.13	21.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.40	20.78	20.18	21.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.17	20.41	20.20	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.11	20.44	20.16	21.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.24	20.62	20.23	21.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.07	20.30	20.21	21.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.04	20.69	20.09	21.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.09	20.51	20.41	21.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.01	20.42	20.08	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.89	21.21	20.92	22.0	0.0
100	PI/2 BPSK	1	137	20.90	21.22	20.93		
100	PI/2 BPSK	1	271	20.87	21.23	20.96		
100	PI/2 BPSK	135	0	20.42	20.76	20.47	21.5	0.5
100	PI/2 BPSK	135	69	20.91	21.19	20.88	22.0	0.0
100	PI/2 BPSK	135	138	20.43	20.76	20.54	21.5	0.5
100	PI/2 BPSK	270	0	20.47	20.79	20.49		
100	QPSK	1	1	20.95	21.25	20.99	22.0	0.0
100	QPSK	1	137	20.82	21.22	20.94		
100	QPSK	1	271	20.83	21.11	20.86		
100	QPSK	135	0	20.39	20.38	20.40	21.0	1.0
100	QPSK	135	69	21.07	21.20	21.12	22.0	0.0
100	QPSK	135	138	20.37	20.34	20.42	21.0	1.0
100	QPSK	270	0	20.36	20.47	20.45		
100	16QAM	1	1	20.02	20.13	20.07	21.0	1.0
100	64QAM	1	1	17.97	18.10	18.05	19.5	2.5
100	256QAM	1	1	16.67	16.74	16.63	17.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.86	21.12	20.89	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.84	21.16	20.91	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.81	21.19	20.96	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.91	21.16	20.92	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.90	21.18	20.91	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.87	21.15	20.86	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.81	21.14	20.96	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.91	21.19	20.82	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.85	21.21	20.86	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.90	21.16	20.93	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.82	21.17	20.85	22.0	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.89		21.2	0.0
100	PI/2 BPSK	1	137		20.98			
100	PI/2 BPSK	1	271		20.87			
100	PI/2 BPSK	135	0		20.95		21.2	0.0
100	PI/2 BPSK	135	69		20.99		21.2	0.0
100	PI/2 BPSK	135	138		20.87		21.2	0.0
100	PI/2 BPSK	270	0		20.88			
100	QPSK	1	1		21.17		21.2	0.0
100	QPSK	1	137		21.01			
100	QPSK	1	271		20.96			
100	QPSK	135	0		20.56		20.7	0.5
100	QPSK	135	69		21.15		21.2	0.0
100	QPSK	135	138		20.45		20.7	0.5
100	QPSK	270	0		20.78			
100	16QAM	1	1		20.68		20.7	0.5
100	64QAM	1	1		20.01		20.2	1.0
100	256QAM	1	1		18.12		18.2	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.01	21.01	20.97	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.99	21.11	21.05	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.97	21.07	21.00	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.98	20.98	21.03	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.99	21.05	21.08	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.08	21.00	21.09	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.13	21.06	21.02	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.09	21.10	20.99	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.11	20.99	21.04	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.04	21.09	21.06	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.08	21.11	21.09	21.2	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.80		24.0	0.0
100	PI/2 BPSK	1	137		22.81			
100	PI/2 BPSK	1	271		22.82			
100	PI/2 BPSK	135	0		22.45		23.5	0.5
100	PI/2 BPSK	135	69		22.88		24.0	0.0
100	PI/2 BPSK	135	138		22.41		23.5	0.5
100	PI/2 BPSK	270	0		22.34			
100	QPSK	1	1		22.90		24.0	0.0
100	QPSK	1	137		22.86			
100	QPSK	1	271		22.86			
100	QPSK	135	0		20.34		22.0	2.0
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		20.33		22.0	2.0
100	QPSK	270	0		20.43			
100	16QAM	1	1		20.30		22.0	2.0
100	64QAM	1	1		19.72		21.5	2.5
100	256QAM	1	1		18.15		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.81	22.81	22.86	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.77	22.84	22.86	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.81	22.78	22.80	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.81	22.79	22.86	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.77	22.77	22.79	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.85	22.83	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.85	22.77	22.77	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.82	22.81	22.81	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.78	22.84	22.87	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.83	22.87	22.82	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.81	22.77	22.83	24.0	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		21.2	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		20.7	0.5
100	PI/2 BPSK	135	69		20.42		21.2	0.0
100	PI/2 BPSK	135	138		19.97		20.7	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		21.2	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.50		20.2	1.0
100	QPSK	135	69		20.42		21.2	0.0
100	QPSK	135	138		19.44		20.2	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		20.2	1.0
100	64QAM	1	1		18.25		18.7	2.5
100	256QAM	1	1		16.33		16.7	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	21.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	21.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	21.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	21.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	21.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	21.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	21.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	21.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	21.2	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.45		22.0	0.0
100	PI/2 BPSK	1	137		20.38			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		19.93		21.5	0.5
100	PI/2 BPSK	135	69		20.42		22.0	0.0
100	PI/2 BPSK	135	138		19.97		21.5	0.5
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		20.49		22.0	0.0
100	QPSK	1	137		20.34			
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.50		21.0	1.0
100	QPSK	135	69		20.42		22.0	0.0
100	QPSK	135	138		19.44		21.0	1.0
100	QPSK	270	0		19.52			
100	16QAM	1	1		19.55		21.0	1.0
100	64QAM	1	1		18.25		19.5	2.5
100	256QAM	1	1		16.33		17.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.41	20.43	20.45	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.39	20.37	20.43	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.34	20.42	20.39	22.0	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.42	20.42	20.36	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.37	20.33	20.41	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.44	20.40	20.33	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.40	20.45	20.41	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.40	20.35	20.43	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.35	20.39	20.33	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.43	20.36	20.34	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.44	20.35	20.39	22.0	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	24.0	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.78		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.80			
100	PI/2 BPSK	135	0		22.38		23.5	0.5
100	PI/2 BPSK	135	69		22.83		24.0	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.5
100	PI/2 BPSK	270	0		22.39			
100	QPSK	1	1		22.88		24.0	0.0
100	QPSK	1	137		22.78			
100	QPSK	1	271		22.77			
100	QPSK	135	0		21.13		23.0	1.0
100	QPSK	135	69		22.82		24.0	0.0
100	QPSK	135	138		21.16		23.0	1.0
100	QPSK	270	0		21.26			
100	16QAM	1	1		21.46		23.0	1.0
100	64QAM	1	1		20.11		21.5	2.5
100	256QAM	1	1		17.55		19.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.75	22.81	22.82	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.85	22.78	22.77	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.85	22.79	22.81	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.82	22.77	22.85	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.83	22.83	22.77	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.77	22.79	22.80	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.82	22.82	22.81	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.80	22.80	22.83	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.82	22.83	22.75	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.79	22.85	22.78	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.85	22.84	22.83	24.0	0.0

Full&Default Power Mode&DSI 4 Other PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.88	23.01	22.99	24.0	0.0
20	PI/2 BPSK	1	53	22.88	22.99	22.89		
20	PI/2 BPSK	1	104	22.98	23.05	22.96		
20	PI/2 BPSK	50	0	22.96	23.02	22.97	24.0	0.0
20	PI/2 BPSK	50	28	22.87	23.00	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.94	23.05	22.95	24.0	0.0
20	PI/2 BPSK	100	0	22.83	22.87	22.77		
20	QPSK	1	1	22.96	23.11	23.01	24.0	0.0
20	QPSK	1	53	23.00	23.08	23.04		
20	QPSK	1	104	23.03	23.09	23.06		
20	QPSK	50	0	22.83	22.97	22.84	24.0	0.0
20	QPSK	50	28	22.99	23.02	22.95	24.0	0.0
20	QPSK	50	56	22.91	23.00	22.94	24.0	0.0
20	QPSK	100	0	22.82	22.92	22.86		
20	16QAM	1	1	22.11	22.03	22.15	24.0	0.0
20	64QAM	1	1	22.40	22.48	22.40	24.0	0.0
20	256QAM	1	1	20.37	20.47	20.42	22.0	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.94	23.06	22.94	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.93	23.06	22.93	24.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)
5	QPSK	1	1	22.85	23.01	22.88	24.0	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.85	22.98	22.91	24.0	0.0
40	PI/2 BPSK	1	108	22.87	22.98	22.88		
40	PI/2 BPSK	1	214	22.80	22.94	22.91		
40	PI/2 BPSK	108	0	22.47	22.56	22.42	24.0	0.0
40	PI/2 BPSK	108	54	22.88	22.92	22.80	24.0	0.0
40	PI/2 BPSK	108	108	22.44	22.51	22.39	24.0	0.0
40	PI/2 BPSK	216	0	22.48	22.55	22.42		
40	QPSK	1	1	22.94	23.04	22.94	24.0	0.0
40	QPSK	1	108	22.89	22.94	22.81		
40	QPSK	1	214	22.89	22.97	22.84		
40	QPSK	108	0	22.20	22.23	22.21	24.0	0.0
40	QPSK	108	54	22.84	22.93	22.89	24.0	0.0
40	QPSK	108	108	22.62	22.75	22.71	24.0	0.0
40	QPSK	216	0	22.77	22.83	22.73		
40	16QAM	1	1	22.94	23.02	22.96	24.0	0.0
40	64QAM	1	1	21.73	21.87	21.77	23.0	1.0
40	256QAM	1	1	20.01	20.07	19.97	21.0	3.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.00	22.93	22.91	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.01	22.90	22.98	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.99	23.00	22.90	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.94	23.01	22.93	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.98	22.90	22.95	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.01	22.95	23.00	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.87	22.85	22.91	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.39	23.49	23.43	24.0	0.0
40	PI/2 BPSK	1	108	23.53	23.56	23.46		
40	PI/2 BPSK	1	214	23.42	23.52	23.46		
40	PI/2 BPSK	108	0	22.46	22.49	22.38	24.0	0.0
40	PI/2 BPSK	108	54	23.51	23.56	23.45	24.0	0.0
40	PI/2 BPSK	108	108	22.42	22.55	22.45	24.0	0.0
40	PI/2 BPSK	216	0	22.45	22.49	22.38		
40	QPSK	1	1	23.52	23.59	23.51	24.0	0.0
40	QPSK	1	108	23.43	23.45	23.39		
40	QPSK	1	214	23.52	23.55	23.50		
40	QPSK	108	0	22.61	22.65	22.57	24.0	0.0
40	QPSK	108	54	23.13	23.21	23.16	24.0	0.0
40	QPSK	108	108	22.78	22.89	22.87	24.0	0.0
40	QPSK	216	0	23.05	23.13	23.02		
40	16QAM	1	1	23.42	23.56	23.52	24.0	0.0
40	64QAM	1	1	22.47	22.52	22.49	23.0	1.0
40	256QAM	1	1	20.96	20.91	20.92	21.0	3.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.15	23.21	23.06	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.50	23.52	23.44	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	23.46	23.55	23.41	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.41	23.50	23.49	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	23.42	23.50	23.47	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.47	23.51	23.49	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	23.45	23.53	23.43	24.0	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.53	23.57	23.52	24.0	0.0
20	PI/2 BPSK	1	53	23.52	23.47	23.44		
20	PI/2 BPSK	1	104	23.52	23.49	23.44		
20	PI/2 BPSK	50	0	23.32	23.33	23.31	24.0	0.0
20	PI/2 BPSK	50	28	23.45	23.49	23.48	24.0	0.0
20	PI/2 BPSK	50	56	23.26	23.27	23.23	24.0	0.0
20	PI/2 BPSK	100	0	23.23	23.37	23.24		
20	QPSK	1	1	23.41	23.58	23.37	24.0	0.0
20	QPSK	1	53	23.31	23.48	23.29		
20	QPSK	1	104	23.36	23.43	23.24		
20	QPSK	50	0	23.38	23.45	23.36	24.0	0.0
20	QPSK	50	28	23.30	23.46	23.29	24.0	0.0
20	QPSK	50	56	23.22	23.26	23.19	24.0	0.0
20	QPSK	100	0	23.22	23.33	23.23		
20	16QAM	1	1	23.32	23.45	23.37	24.0	0.0
20	64QAM	1	1	22.79	22.86	22.81	24.0	0.0
20	256QAM	1	1	20.53	20.59	20.49	22.0	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.34	23.50	23.33	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.08	23.32	23.11	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	23.05	23.40	23.14	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	23.27	23.36	23.27	24.0	0.0
40	PI/2 BPSK	1	108	23.28	23.29	23.27		
40	PI/2 BPSK	1	214	23.27	23.24	23.27		
40	PI/2 BPSK	108	0	23.22	23.33	23.24	24.0	0.0
40	PI/2 BPSK	108	54	23.23	23.24	23.26	24.0	0.0
40	PI/2 BPSK	108	108	23.16	23.15	23.15	24.0	0.0
40	PI/2 BPSK	216	0	23.14	23.25	23.16		
40	QPSK	1	1	23.34	23.42	23.25	24.0	0.0
40	QPSK	1	108	23.27	23.30	23.13		
40	QPSK	1	214	23.26	23.32	23.14		
40	QPSK	108	0	23.12	23.23	23.15	24.0	0.0
40	QPSK	108	54	23.26	23.32	23.17	24.0	0.0
40	QPSK	108	108	22.99	22.95	22.99	24.0	0.0
40	QPSK	216	0	22.96	23.07	23.00		
40	16QAM	1	1	22.98	23.06	22.95	24.0	0.0
40	64QAM	1	1	21.91	22.02	21.91	23.0	1.0
40	256QAM	1	1	19.88	19.99	19.88	21.0	3.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	23.24	23.37	23.15	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.23	23.35	23.14	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.29	23.31	23.16	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	23.27	23.33	23.09	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	23.21	23.30	23.20	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	23.28	23.34	23.18	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.24	23.37	23.15	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.21	23.28	23.17	24.0	0.0
40	PI/2 BPSK	1	108	23.19	23.18	23.16		
40	PI/2 BPSK	1	214	23.15	23.18	23.18		
40	PI/2 BPSK	108	0	22.98	23.11	23.04	24.0	0.0
40	PI/2 BPSK	108	54	23.20	23.16	23.18	24.0	0.0
40	PI/2 BPSK	108	108	23.17	23.17	23.16	24.0	0.0
40	PI/2 BPSK	216	0	23.15	23.25	23.17		
40	QPSK	1	1	23.14	23.34	23.19	24.0	0.0
40	QPSK	1	108	23.06	23.24	23.11		
40	QPSK	1	214	23.06	23.26	23.12		
40	QPSK	108	0	23.14	23.23	23.15	24.0	0.0
40	QPSK	108	54	23.21	23.26	23.22	24.0	0.0
40	QPSK	108	108	23.14	23.17	23.17	24.0	0.0
40	QPSK	216	0	23.18	23.26	23.16		
40	16QAM	1	1	23.05	23.14	23.03	24.0	0.0
40	64QAM	1	1	22.50	22.58	22.50	23.0	1.0
40	256QAM	1	1	20.36	20.48	20.41	21.0	3.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.15	23.21	23.06	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.06	23.30	23.12	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	23.05	23.25	23.13	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.01	23.23	23.08	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	22.95	23.11	22.96	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.90	23.10	22.92	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	22.86	23.07	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.28	23.41	23.30	24.0	0.0
100	PI/2 BPSK	1	137	23.31	23.33	23.29		
100	PI/2 BPSK	1	271	23.29	23.32	23.31		
100	PI/2 BPSK	135	0	23.36	23.43	23.35	24.0	0.0
100	PI/2 BPSK	135	69	23.33	23.32	23.28	24.0	0.0
100	PI/2 BPSK	135	138	23.33	23.31	23.28	24.0	0.0
100	PI/2 BPSK	270	0	23.32	23.41	23.33		
100	QPSK	1	1	23.36	23.47	23.27	24.0	0.0
100	QPSK	1	137	23.24	23.37	23.18		
100	QPSK	1	271	23.27	23.35	23.15		
100	QPSK	135	0	23.19	23.32	23.23	24.0	0.0
100	QPSK	135	69	23.35	23.44	23.33	24.0	0.0
100	QPSK	135	138	23.41	23.38	23.43	24.0	0.0
100	QPSK	270	0	23.43	23.51	23.40		
100	16QAM	1	1	23.28	23.36	23.26	24.0	0.0
100	64QAM	1	1	23.16	23.24	23.13	24.0	0.0
100	256QAM	1	1	22.92	23.02	22.93	24.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.25	23.37	23.12	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.25	23.41	23.19	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.31	23.36	23.21	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	23.20	23.41	23.18	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.21	23.32	23.22	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	23.27	23.41	23.12	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	23.30	23.40	23.12	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.21	23.40	23.17	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.24	23.37	23.15	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	23.25	23.41	23.19	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.30	26.34	26.31	27.0	0.0
100	PI/2 BPSK	1	137	26.29	26.27	26.27		
100	PI/2 BPSK	1	271	26.30	26.31	26.27		
100	PI/2 BPSK	135	0	26.00	26.39	26.31	27.0	0.0
100	PI/2 BPSK	135	69	26.23	26.29	26.25	27.0	0.0
100	PI/2 BPSK	135	138	26.40	26.38	26.31	27.0	0.0
100	PI/2 BPSK	270	0	26.34	26.39	26.26		
100	QPSK	1	1	26.21	26.41	26.32	27.0	0.0
100	QPSK	1	137	26.14	26.33	26.35		
100	QPSK	1	271	26.16	26.33	26.39		
100	QPSK	135	0	26.30	26.34	26.30	27.0	0.0
100	QPSK	135	69	26.18	26.37	26.28	27.0	0.0
100	QPSK	135	138	26.28	26.26	26.27	27.0	0.0
100	QPSK	270	0	26.24	26.31	26.28		
100	16QAM	1	1	26.30	26.38	26.35	27.0	0.0
100	64QAM	1	1	25.41	25.48	25.42	27.0	0.0
100	256QAM	1	1	23.01	23.03	23.00	24.0	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.13	26.29	26.24	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	26.07	26.37	26.21	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.10	26.27	26.26	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.10	26.36	26.25	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.08	26.37	26.22	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.08	26.29	26.25	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.10	26.36	26.19	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.06	26.30	26.18	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.12	26.35	26.24	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.10	26.28	26.26	27.0	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	21.51	21.65	21.55	23.0	0.0
100	PI/2 BPSK	1	137	21.57	21.64	21.61		
100	PI/2 BPSK	1	271	21.52	21.64	21.51		
100	PI/2 BPSK	135	0	21.51	21.57	21.47	23.0	0.0
100	PI/2 BPSK	135	69	21.53	21.58	21.45	23.0	0.0
100	PI/2 BPSK	135	138	21.49	21.60	21.50	23.0	0.0
100	PI/2 BPSK	270	0	21.61	21.64	21.62		
100	QPSK	1	1	21.40	21.71	21.35	23.0	0.0
100	QPSK	1	137	21.61	21.65	21.53		
100	QPSK	1	271	21.52	21.63	21.56		
100	QPSK	135	0	21.55	21.64	21.56	22.0	1.0
100	QPSK	135	69	21.55	21.65	21.54	23.0	0.0
100	QPSK	135	138	21.50	21.55	21.47	22.0	1.0
100	QPSK	270	0	21.36	21.45	21.33		
100	16QAM	1	1	20.76	20.89	20.79	22.0	1.0
100	64QAM	1	1	18.97	19.09	19.00	20.5	2.5
100	256QAM	1	1	17.71	17.84	17.71	18.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.31	21.57	21.20	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.26	21.67	21.21	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.35	21.61	21.25	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	21.35	21.65	21.30	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.34	21.67	21.21	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	21.32	21.61	21.31	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	21.28	21.67	21.23	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.25	21.57	21.21	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.26	21.63	21.28	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	21.29	21.56	21.26	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	21.51	21.65	21.55	23.0	0.0
100	PI/2 BPSK	1	137	21.57	21.64	21.61		
100	PI/2 BPSK	1	271	21.52	21.64	21.51		
100	PI/2 BPSK	135	0	21.51	21.57	21.47	23.0	0.0
100	PI/2 BPSK	135	69	21.53	21.58	21.45	23.0	0.0
100	PI/2 BPSK	135	138	21.49	21.60	21.50	23.0	0.0
100	PI/2 BPSK	270	0	21.61	21.64	21.62		
100	QPSK	1	1	21.40	21.71	21.35	23.0	0.0
100	QPSK	1	137	21.61	21.65	21.53		
100	QPSK	1	271	21.52	21.63	21.56		
100	QPSK	135	0	21.55	21.64	21.56	22.0	1.0
100	QPSK	135	69	21.55	21.65	21.54	23.0	0.0
100	QPSK	135	138	21.50	21.55	21.47	22.0	1.0
100	QPSK	270	0	21.36	21.45	21.33		
100	16QAM	1	1	20.76	20.89	20.79	22.0	1.0
100	64QAM	1	1	18.97	19.09	19.00	20.5	2.5
100	256QAM	1	1	17.71	17.84	17.71	18.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.31	21.57	21.20	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.26	21.67	21.21	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.35	21.61	21.25	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	21.35	21.65	21.30	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.34	21.67	21.21	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	21.32	21.61	21.31	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	21.28	21.67	21.23	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.25	21.57	21.21	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.26	21.63	21.28	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	21.29	21.56	21.26	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.47	23.52	23.43	24.0	0.0
40	PI/2 BPSK	1	53	23.60	23.72	23.65		
40	PI/2 BPSK	1	104	23.47	23.61	23.58		
40	PI/2 BPSK	50	0	23.51	23.57	23.46	24.0	0.0
40	PI/2 BPSK	50	28	23.59	23.63	23.56	24.0	0.0
40	PI/2 BPSK	50	56	23.63	23.69	23.58	24.0	0.0
40	PI/2 BPSK	100	0	23.59	23.66	23.57		
40	QPSK	1	1	23.61	23.74	23.64	24.0	0.0
40	QPSK	1	53	23.58	23.61	23.52		
40	QPSK	1	104	23.61	23.68	23.56		
40	QPSK	50	0	23.54	23.58	23.45	24.0	0.0
40	QPSK	50	28	23.64	23.69	23.56	24.0	0.0
40	QPSK	50	56	23.53	23.56	23.49	24.0	0.0
40	QPSK	100	0	23.61	23.67	23.62		
40	16QAM	1	1	23.42	23.54	23.45	24.0	0.0
40	64QAM	1	1	22.78	22.91	22.78	23.0	1.0
40	256QAM	1	1	20.98	20.92	20.90	21.0	3.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.43	23.48	23.45	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.53	23.52	23.48	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.48	23.50	23.43	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	23.01	23.15	23.07	24.0	0.0
100	PI/2 BPSK	1	137	23.12	23.18	23.04		
100	PI/2 BPSK	1	271	23.15	23.26	23.19		
100	PI/2 BPSK	135	0	23.05	23.10	23.06	24.0	0.0
100	PI/2 BPSK	135	69	23.12	23.19	23.15	24.0	0.0
100	PI/2 BPSK	135	138	23.15	23.25	23.20	24.0	0.0
100	PI/2 BPSK	270	0	22.90	22.99	22.91		
100	QPSK	1	1	23.08	23.31	23.21	24.0	0.0
100	QPSK	1	137	23.20	23.23	23.18		
100	QPSK	1	271	23.16	23.21	23.19		
100	QPSK	135	0	23.07	23.12	23.03	24.0	0.0
100	QPSK	135	69	23.22	23.29	23.20	24.0	0.0
100	QPSK	135	138	23.11	23.20	23.11	24.0	0.0
100	QPSK	270	0	23.04	23.07	23.03		
100	16QAM	1	1	23.26	23.15	23.26	24.0	0.0
100	64QAM	1	1	23.16	23.22	23.13	24.0	0.0
100	256QAM	1	1	22.35	22.49	22.47	23.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.04	23.27	23.12	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.03	23.18	23.11	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.02	23.21	23.15	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.04	23.19	23.17	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.94	23.25	23.17	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.95	23.20	23.18	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.96	23.26	23.18	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	23.02	23.25	23.15	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.96	23.22	23.14	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.06	23.23	23.10	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.96	23.25	23.17	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	26.16	26.18	26.09	27.0	0.0
100	PI/2 BPSK	1	137	26.04	26.14	26.05		
100	PI/2 BPSK	1	271	26.10	26.15	26.02		
100	PI/2 BPSK	135	0	26.04	26.07	26.04	27.0	0.0
100	PI/2 BPSK	135	69	26.12	26.18	26.08	27.0	0.0
100	PI/2 BPSK	135	138	26.09	26.18	26.16	27.0	0.0
100	PI/2 BPSK	270	0	25.99	26.08	26.01		
100	QPSK	1	1	26.04	26.27	26.11	27.0	0.0
100	QPSK	1	137	26.02	26.14	26.10		
100	QPSK	1	271	26.03	26.14	26.05		
100	QPSK	135	0	25.84	25.88	25.74	27.0	0.0
100	QPSK	135	69	26.09	26.15	26.13	27.0	0.0
100	QPSK	135	138	25.63	25.75	25.70	27.0	0.0
100	QPSK	270	0	25.78	25.88	25.78		
100	16QAM	1	1	26.19	26.22	26.09	27.0	0.0
100	64QAM	1	1	24.64	24.78	24.66	26.0	1.0
100	256QAM	1	1	22.41	22.45	22.39	24.0	3.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.92	26.24	26.02	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.95	26.17	26.07	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.99	26.17	26.06	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.99	26.13	26.07	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.93	26.19	26.04	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.94	26.20	26.02	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.96	26.24	26.01	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.92	26.23	26.00	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.01	26.21	26.09	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.00	26.17	26.04	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.99	26.20	25.99	27.0	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.06		24.0	0.0
100	PI/2 BPSK	1	137		23.13			
100	PI/2 BPSK	1	271		23.12			
100	PI/2 BPSK	135	0		23.11		24.0	0.0
100	PI/2 BPSK	135	69		23.04		24.0	0.0
100	PI/2 BPSK	135	138		23.05		24.0	0.0
100	PI/2 BPSK	270	0		23.10			
100	QPSK	1	1		23.15		24.0	0.0
100	QPSK	1	137		23.07			
100	QPSK	1	271		23.03			
100	QPSK	135	0		23.13		24.0	0.0
100	QPSK	135	69		23.14		24.0	0.0
100	QPSK	135	138		23.09		24.0	0.0
100	QPSK	270	0		23.13			
100	16QAM	1	1		22.85		24.0	0.0
100	64QAM	1	1		23.09		24.0	0.0
100	256QAM	1	1		22.46		23.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.02	23.13	23.04	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.10	23.02	23.12	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.04	23.10	23.05	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.12	23.03	23.05	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.07	23.04	23.02	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.09	23.08	23.08	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.13	23.11	23.10	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.02	23.13	23.06	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.03	23.12	23.06	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.02	23.08	23.09	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.02	23.05	23.08	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.05		27.0	0.0
100	PI/2 BPSK	1	137		26.15			
100	PI/2 BPSK	1	271		26.15			
100	PI/2 BPSK	135	0		26.15		27.0	0.0
100	PI/2 BPSK	135	69		26.15		27.0	0.0
100	PI/2 BPSK	135	138		26.16		27.0	0.0
100	PI/2 BPSK	270	0		26.18			
100	QPSK	1	1		26.22		27.0	0.0
100	QPSK	1	137		26.11			
100	QPSK	1	271		26.17			
100	QPSK	135	0		26.17		27.0	0.0
100	QPSK	135	69		26.20		27.0	0.0
100	QPSK	135	138		26.12		27.0	0.0
100	QPSK	270	0		26.02			
100	16QAM	1	1		25.70		27.0	0.0
100	64QAM	1	1		24.74		26.0	1.0
100	256QAM	1	1		22.47		24.0	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.11	26.17	26.19	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.18	26.20	26.16	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.15	26.12	26.19	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.09	26.20	26.09	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.09	26.19	26.13	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.13	26.18	26.10	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.17	26.13	26.10	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.17	26.11	26.09	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.18	26.18	26.15	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.18	26.17	26.14	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.14	26.14	26.09	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.89		24.0	0.0
100	PI/2 BPSK	1	137		22.87			
100	PI/2 BPSK	1	271		22.90			
100	PI/2 BPSK	135	0		22.85		24.0	0.0
100	PI/2 BPSK	135	69		22.80		24.0	0.0
100	PI/2 BPSK	135	138		22.84		24.0	0.0
100	PI/2 BPSK	270	0		22.71			
100	QPSK	1	1		22.94		24.0	0.0
100	QPSK	1	137		22.88			
100	QPSK	1	271		22.92			
100	QPSK	135	0		22.90		24.0	0.0
100	QPSK	135	69		22.92		24.0	0.0
100	QPSK	135	138		22.86		24.0	0.0
100	QPSK	270	0		22.74			
100	16QAM	1	1		22.68		24.0	0.0
100	64QAM	1	1		22.65		24.0	0.0
100	256QAM	1	1		22.22		23.0	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.81	22.91	22.92	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.84	22.80	22.88	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.86	22.90	22.82	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.84	22.90	22.85	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.82	22.83	22.90	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.84	22.91	22.89	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.85	22.80	22.84	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.89	22.91	22.82	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.89	22.92	22.89	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.84	22.85	22.89	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.86	22.86	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.91		27.0	0.0
100	PI/2 BPSK	1	137		25.78			
100	PI/2 BPSK	1	271		25.88			
100	PI/2 BPSK	135	0		25.82		27.0	0.0
100	PI/2 BPSK	135	69		25.88		27.0	0.0
100	PI/2 BPSK	135	138		25.90		27.0	0.0
100	PI/2 BPSK	270	0		25.79			
100	QPSK	1	1		25.92		27.0	0.0
100	QPSK	1	137		25.83			
100	QPSK	1	271		25.83			
100	QPSK	135	0		25.76		27.0	0.0
100	QPSK	135	69		25.86		27.0	0.0
100	QPSK	135	138		25.81		27.0	0.0
100	QPSK	270	0		25.57			
100	16QAM	1	1		25.65		27.0	0.0
100	64QAM	1	1		24.61		26.0	1.0
100	256QAM	1	1		22.03		24.0	3.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.83	25.89	25.78	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.90	25.83	25.80	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.81	25.90	25.81	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.88	25.81	25.81	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.80	25.87	25.80	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.78	25.89	25.87	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.83	25.79	25.83	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.79	25.80	25.80	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.82	25.87	25.83	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.80	25.88	25.81	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.86	25.86	25.90	27.0	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.02		24.0	0.0
100	PI/2 BPSK	1	137		23.10			
100	PI/2 BPSK	1	271		23.07			
100	PI/2 BPSK	135	0		23.19		24.0	0.0
100	PI/2 BPSK	135	69		23.11		24.0	0.0
100	PI/2 BPSK	135	138		23.16		24.0	0.0
100	PI/2 BPSK	270	0		23.18			
100	QPSK	1	1		23.21		24.0	0.0
100	QPSK	1	137		23.09			
100	QPSK	1	271		23.15			
100	QPSK	135	0		23.15		24.0	0.0
100	QPSK	135	69		23.18		24.0	0.0
100	QPSK	135	138		23.09		24.0	0.0
100	QPSK	270	0		23.17			
100	16QAM	1	1		22.66		24.0	0.0
100	64QAM	1	1		23.11		24.0	0.0
100	256QAM	1	1		22.39		23.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.11	23.19	23.18	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.10	23.16	23.18	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.18	23.18	23.08	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.15	23.07	23.15	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.08	23.11	23.08	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.10	23.12	23.07	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.15	23.17	23.07	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.07	23.17	23.13	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.13	23.19	23.13	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.16	23.17	23.18	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.07	23.18	23.13	24.0	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.14		27.0	0.0
100	PI/2 BPSK	1	137		26.10			
100	PI/2 BPSK	1	271		26.01			
100	PI/2 BPSK	135	0		26.21		27.0	0.0
100	PI/2 BPSK	135	69		26.09		27.0	0.0
100	PI/2 BPSK	135	138		26.09		27.0	0.0
100	PI/2 BPSK	270	0		26.22			
100	QPSK	1	1		26.24		27.0	0.0
100	QPSK	1	137		26.05			
100	QPSK	1	271		26.03			
100	QPSK	135	0		25.98		27.0	0.0
100	QPSK	135	69		26.12		27.0	0.0
100	QPSK	135	138		26.07		27.0	0.0
100	QPSK	270	0		26.05			
100	16QAM	1	1		25.46		27.0	0.0
100	64QAM	1	1		24.73		26.0	1.0
100	256QAM	1	1		22.42		24.0	3.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.16	26.18	26.20	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.13	26.17	26.16	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.12	26.22	26.16	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.14	26.15	26.16	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.22	26.10	26.20	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.20	26.11	26.14	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.22	26.22	26.19	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.17	26.13	26.19	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.16	26.15	26.12	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.13	26.17	26.15	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.19	26.13	26.14	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.41	22.45	22.31	23.0	0.0
100	PI/2 BPSK	1	137	22.31	22.42	22.43		
100	PI/2 BPSK	1	271	22.40	22.43	22.33		
100	PI/2 BPSK	135	0	21.93	21.95	22.04	22.5	0.5
100	PI/2 BPSK	135	69	22.41	22.32	22.43	23.0	0.0
100	PI/2 BPSK	135	138	21.97	21.94	21.94	22.5	0.5
100	PI/2 BPSK	270	0	21.93	21.97	21.94		
100	QPSK	1	1	22.42	22.47	22.36	23.0	0.0
100	QPSK	1	137	22.41	22.35	22.35		
100	QPSK	1	271	22.32	22.40	22.35		
100	QPSK	135	0	21.54	21.45	21.48	22.0	1.0
100	QPSK	135	69	22.36	22.41	22.31	23.0	0.0
100	QPSK	135	138	21.44	21.45	21.47	22.0	1.0
100	QPSK	270	0	21.54	21.56	21.51		
100	16QAM	1	1	21.46	21.45	21.46	22.0	1.0
100	64QAM	1	1	19.97	19.98	20.05	20.5	2.5
100	256QAM	1	1	17.99	17.96	18.03	18.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.27	22.33	22.22	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.28	22.32	22.28	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.27	22.30	22.25	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	22.35	22.30	22.20	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.33	22.36	22.30	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	22.29	22.38	22.19	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	22.25	22.30	22.33	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.37	22.44	22.30	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.28	22.40	22.23	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	22.26	22.40	22.22	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.13	23.17	23.03	24.0	0.0
100	PI/2 BPSK	1	137	23.03	23.14	23.15		
100	PI/2 BPSK	1	271	23.12	23.15	23.05		
100	PI/2 BPSK	135	0	22.65	22.67	22.76	23.5	0.5
100	PI/2 BPSK	135	69	23.13	23.04	23.15	24.0	0.0
100	PI/2 BPSK	135	138	22.69	22.66	22.66	23.5	0.5
100	PI/2 BPSK	270	0	22.65	22.69	22.66		
100	QPSK	1	1	23.14	23.19	23.08	24.0	0.0
100	QPSK	1	137	23.13	23.07	23.07		
100	QPSK	1	271	23.04	23.12	23.07		
100	QPSK	135	0	22.26	22.17	22.20	23.0	1.0
100	QPSK	135	69	23.08	23.13	23.03	24.0	0.0
100	QPSK	135	138	22.16	22.17	22.19	23.0	1.0
100	QPSK	270	0	22.26	22.28	22.23		
100	16QAM	1	1	22.18	22.17	22.18	23.0	1.0
100	64QAM	1	1	20.69	20.70	20.77	21.5	2.5
100	256QAM	1	1	18.71	18.68	18.75	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.09	23.08	22.94	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.07	23.06	22.91	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.05	23.02	22.98	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	23.10	23.07	23.05	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.11	23.17	22.91	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	23.09	23.12	22.94	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	23.04	23.06	22.94	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.08	23.10	22.96	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.06	23.12	22.94	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	23.11	23.08	22.91	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.25	23.29	23.17	24.0	0.0
40	PI/2 BPSK	1	53	23.19	23.31	23.20		
40	PI/2 BPSK	1	104	23.22	23.31	23.28		
40	PI/2 BPSK	50	0	23.17	23.28	23.26	24.0	0.0
40	PI/2 BPSK	50	28	23.21	23.28	23.15	24.0	0.0
40	PI/2 BPSK	50	56	23.20	23.29	23.25	24.0	0.0
40	PI/2 BPSK	100	0	23.15	23.25	23.23		
40	QPSK	1	1	23.26	23.36	23.26	24.0	0.0
40	QPSK	1	53	23.27	23.32	23.30		
40	QPSK	1	104	23.15	23.27	23.18		
40	QPSK	50	0	23.25	23.33	23.20	24.0	0.0
40	QPSK	50	28	23.24	23.35	23.23	24.0	0.0
40	QPSK	50	56	23.28	23.31	23.25	24.0	0.0
40	QPSK	100	0	23.22	23.30	23.20		
40	16QAM	1	1	23.12	23.25	23.23	24.0	0.0
40	64QAM	1	1	22.00	22.07	22.03	23.0	1.0
40	256QAM	1	1	20.32	20.44	20.40	21.0	3.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.19	23.31	23.20	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.21	23.33	23.18	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.19	23.31	23.17	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	22.73	22.77	22.72	24.0	0.0
100	PI/2 BPSK	1	137	22.74	22.79	22.70		
100	PI/2 BPSK	1	271	22.74	22.79	22.69		
100	PI/2 BPSK	135	0	22.74	22.84	22.71	24.0	0.0
100	PI/2 BPSK	135	69	22.75	22.88	22.77	24.0	0.0
100	PI/2 BPSK	135	138	22.77	22.82	22.73	24.0	0.0
100	PI/2 BPSK	270	0	22.77	22.83	22.75		
100	QPSK	1	1	22.66	22.92	22.89	24.0	0.0
100	QPSK	1	137	22.76	22.81	22.75		
100	QPSK	1	271	22.74	22.82	22.70		
100	QPSK	135	0	22.75	22.84	22.76	24.0	0.0
100	QPSK	135	69	22.76	22.86	22.81	24.0	0.0
100	QPSK	135	138	22.75	22.84	22.78	24.0	0.0
100	QPSK	270	0	22.81	22.85	22.75		
100	16QAM	1	1	22.77	22.85	22.82	24.0	0.0
100	64QAM	1	1	22.78	22.81	22.79	23.0	1.0
100	256QAM	1	1	21.69	21.75	21.66	22.0	2.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.59	22.82	22.86	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.61	22.89	22.75	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.63	22.87	22.86	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.54	22.87	22.80	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.57	22.88	22.85	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.57	22.83	22.76	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.58	22.86	22.75	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.56	22.87	22.81	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.61	22.79	22.81	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.55	22.80	22.83	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.61	22.83	22.75	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	25.85	25.90	25.88	27.0	0.0
100	PI/2 BPSK	1	137	25.98	26.04	25.98		
100	PI/2 BPSK	1	271	26.06	26.09	26.07		
100	PI/2 BPSK	135	0	25.60	25.65	25.52	26.5	0.5
100	PI/2 BPSK	135	69	25.99	26.07	26.00	27.0	0.0
100	PI/2 BPSK	135	138	25.94	26.00	25.88	26.5	0.5
100	PI/2 BPSK	270	0	25.54	25.64	25.55		
100	QPSK	1	1	25.70	26.12	26.08	27.0	0.0
100	QPSK	1	137	26.00	26.08	25.95		
100	QPSK	1	271	25.92	26.01	25.89		
100	QPSK	135	0	25.18	25.20	25.16	26.0	1.0
100	QPSK	135	69	25.96	26.07	25.98	27.0	0.0
100	QPSK	135	138	25.96	25.92	25.93	26.0	1.0
100	QPSK	270	0	25.02	25.08	24.98		
100	16QAM	1	1	25.75	25.88	25.82	26.0	1.0
100	64QAM	1	1	23.90	24.04	23.91	24.5	2.5
100	256QAM	1	1	21.62	21.70	21.64	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.59	26.04	25.99	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.65	26.05	25.95	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.61	26.01	26.03	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.63	26.05	25.98	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.57	26.04	25.96	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.68	26.09	25.98	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.64	26.06	25.96	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.67	26.00	25.98	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.62	26.08	26.00	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.62	26.00	26.03	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.65	26.00	26.01	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.81		24.0	0.0
100	PI/2 BPSK	1	137		22.94			
100	PI/2 BPSK	1	271		22.94			
100	PI/2 BPSK	135	0		22.99		24.0	0.0
100	PI/2 BPSK	135	69		22.93		24.0	0.0
100	PI/2 BPSK	135	138		22.94		24.0	0.0
100	PI/2 BPSK	270	0		23.00			
100	QPSK	1	1		23.02		24.0	0.0
100	QPSK	1	137		22.97			
100	QPSK	1	271		22.84			
100	QPSK	135	0		22.95		24.0	0.0
100	QPSK	135	69		22.99		24.0	0.0
100	QPSK	135	138		22.92		24.0	0.0
100	QPSK	270	0		22.97			
100	16QAM	1	1		22.66		24.0	0.0
100	64QAM	1	1		22.53		23.0	1.0
100	256QAM	1	1		21.61		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.96	22.94	22.97	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.96	22.97	22.96	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.89	22.98	22.89	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.95	22.90	22.92	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.97	22.90	22.94	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.94	22.93	22.98	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.90	22.93	22.92	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.95	22.99	22.93	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.96	23.00	22.96	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.96	22.97	22.95	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.96	22.90	22.93	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.91		27.0	0.0
100	PI/2 BPSK	1	137		25.88			
100	PI/2 BPSK	1	271		25.87			
100	PI/2 BPSK	135	0		25.63		26.5	0.5
100	PI/2 BPSK	135	69		25.96		27.0	0.0
100	PI/2 BPSK	135	138		25.93		26.5	0.5
100	PI/2 BPSK	270	0		25.72			
100	QPSK	1	1		25.98		27.0	0.0
100	QPSK	1	137		25.87			
100	QPSK	1	271		25.92			
100	QPSK	135	0		25.11		26.0	1.0
100	QPSK	135	69		25.88		27.0	0.0
100	QPSK	135	138		25.86		26.0	1.0
100	QPSK	270	0		25.18			
100	16QAM	1	1		24.88		26.0	1.0
100	64QAM	1	1		24.32		24.5	2.5
100	256QAM	1	1		21.63		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.87	25.89	25.93	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.85	25.89	25.85	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.96	25.88	25.93	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.92	25.85	25.89	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.86	25.93	25.91	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.90	25.88	25.93	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.95	25.89	25.95	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.86	25.94	25.91	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.90	25.95	25.86	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.90	25.87	25.93	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.91	25.90	25.86	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.59		24.0	0.0
100	PI/2 BPSK	1	137		22.58			
100	PI/2 BPSK	1	271		22.59			
100	PI/2 BPSK	135	0		22.56		24.0	0.0
100	PI/2 BPSK	135	69		22.62		24.0	0.0
100	PI/2 BPSK	135	138		22.60		24.0	0.0
100	PI/2 BPSK	270	0		22.68			
100	QPSK	1	1		22.72		24.0	0.0
100	QPSK	1	137		22.69			
100	QPSK	1	271		22.62			
100	QPSK	135	0		22.59		24.0	0.0
100	QPSK	135	69		22.69		24.0	0.0
100	QPSK	135	138		22.64		24.0	0.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.44		24.0	0.0
100	64QAM	1	1		22.61		23.0	1.0
100	256QAM	1	1		21.36		22.0	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.70	22.61	22.63	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.60	22.66	22.67	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.62	22.65	22.59	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.67	22.62	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.59	22.65	22.63	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.69	22.62	22.68	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.60	22.60	22.67	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.68	22.62	22.70	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.60	22.68	22.62	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.61	22.64	22.64	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.67	22.68	22.63	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.57		27.0	0.0
100	PI/2 BPSK	1	137		25.57			
100	PI/2 BPSK	1	271		25.60			
100	PI/2 BPSK	135	0		25.29		26.5	0.5
100	PI/2 BPSK	135	69		25.60		27.0	0.0
100	PI/2 BPSK	135	138		25.51		26.5	0.5
100	PI/2 BPSK	270	0		25.35			
100	QPSK	1	1		25.62		27.0	0.0
100	QPSK	1	137		25.57			
100	QPSK	1	271		25.52			
100	QPSK	135	0		24.85		26.0	1.0
100	QPSK	135	69		25.54		27.0	0.0
100	QPSK	135	138		25.52		26.0	1.0
100	QPSK	270	0		24.82			
100	16QAM	1	1		24.64		26.0	1.0
100	64QAM	1	1		23.60		24.5	2.5
100	256QAM	1	1		21.36		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.50	25.41	25.45	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.49	25.45	25.48	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.45	25.49	25.41	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.49	25.40	25.49	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.47	25.40	25.48	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.48	25.42	25.41	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.51	25.45	25.44	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.43	25.44	25.45	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.46	25.50	25.48	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.44	25.43	25.51	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.50	25.41	25.48	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.93		24.0	0.0
100	PI/2 BPSK	1	137		22.99			
100	PI/2 BPSK	1	271		22.98			
100	PI/2 BPSK	135	0		22.99		24.0	0.0
100	PI/2 BPSK	135	69		23.01		24.0	0.0
100	PI/2 BPSK	135	138		22.92		24.0	0.0
100	PI/2 BPSK	270	0		22.90			
100	QPSK	1	1		23.04		24.0	0.0
100	QPSK	1	137		22.95			
100	QPSK	1	271		22.96			
100	QPSK	135	0		22.93		24.0	0.0
100	QPSK	135	69		22.98		24.0	0.0
100	QPSK	135	138		22.96		24.0	0.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.97		24.0	0.0
100	64QAM	1	1		22.47		23.0	1.0
100	256QAM	1	1		21.70		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.88	22.88	22.88	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.92	22.94	22.95	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.95	22.93	22.92	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.92	22.91	22.87	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.85	22.87	22.94	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.91	22.94	22.92	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.84	22.93	22.89	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.94	22.93	22.96	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.85	22.91	22.91	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.92	22.92	22.94	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.93	22.87	22.90	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		25.92		27.0	0.0
100	PI/2 BPSK	1	137		25.96			
100	PI/2 BPSK	1	271		25.87			
100	PI/2 BPSK	135	0		25.68		26.5	0.5
100	PI/2 BPSK	135	69		25.95		27.0	0.0
100	PI/2 BPSK	135	138		25.95		26.5	0.5
100	PI/2 BPSK	270	0		25.65			
100	QPSK	1	1		25.98		27.0	0.0
100	QPSK	1	137		25.91			
100	QPSK	1	271		25.96			
100	QPSK	135	0		25.17		26.0	1.0
100	QPSK	135	69		25.96		27.0	0.0
100	QPSK	135	138		25.95		26.0	1.0
100	QPSK	270	0		25.12			
100	16QAM	1	1		25.19		26.0	1.0
100	64QAM	1	1		24.11		24.5	2.5
100	256QAM	1	1		21.76		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.86	25.95	25.91	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.87	25.86	25.88	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.85	25.86	25.95	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.86	25.93	25.93	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.89	25.89	25.86	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.88	25.86	25.92	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.90	25.89	25.85	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.91	25.86	25.88	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.96	25.90	25.94	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.91	25.96	25.91	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.89	25.93	25.86	27.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	22.23	22.28	22.17	24.0	0.0
40	PI/2 BPSK	1	53	22.28	22.33	22.22		
40	PI/2 BPSK	1	104	22.22	22.32	22.24		
40	PI/2 BPSK	50	0	21.57	21.68	21.61	23.5	0.5
40	PI/2 BPSK	50	28	22.22	22.34	22.25	24.0	0.0
40	PI/2 BPSK	50	56	21.60	21.65	21.55	23.5	0.5
40	PI/2 BPSK	100	0	21.55	21.62	21.56		
40	QPSK	1	1	22.31	22.36	22.23	24.0	0.0
40	QPSK	1	53	22.19	22.28	22.20		
40	QPSK	1	104	22.19	22.29	22.16		
40	QPSK	50	0	21.05	21.14	21.11	23.0	1.0
40	QPSK	50	28	22.22	22.25	22.14	24.0	0.0
40	QPSK	50	56	21.09	21.11	21.05	23.0	1.0
40	QPSK	100	0	21.04	21.13	21.03		
40	16QAM	1	1	20.88	20.97	20.94	22.0	2.0
40	64QAM	1	1	20.04	20.10	20.00	21.5	2.5
40	256QAM	1	1	17.75	17.86	17.80	19.5	4.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.23	22.29	22.14	24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.23	22.30	22.10	24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.25	22.23	22.14	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	21.34	21.37	21.34	22.5	0.0
100	PI/2 BPSK	1	137	21.31	21.36	21.26		
100	PI/2 BPSK	1	271	21.29	21.37	21.25		
100	PI/2 BPSK	135	0	19.54	19.64	19.58	21.5	1.0
100	PI/2 BPSK	135	69	21.21	21.26	21.12	22.5	0.0
100	PI/2 BPSK	135	138	20.50	20.61	20.59	21.5	1.0
100	PI/2 BPSK	270	0	20.54	20.64	20.51		
100	QPSK	1	1	21.21	21.39	21.30	22.5	0.0
100	QPSK	1	137	21.16	21.26	21.17		
100	QPSK	1	271	21.22	21.25	21.21		
100	QPSK	135	0	17.04	17.17	17.05	19.0	3.5
100	QPSK	135	69	21.16	21.25	21.12	22.5	0.0
100	QPSK	135	138	18.09	18.22	18.17	19.0	3.5
100	QPSK	270	0	18.03	18.14	18.07		
100	16QAM	1	1	20.29	20.39	20.33	21.5	1.0
100	64QAM	1	1	18.08	18.11	18.05	20.0	2.5
100	256QAM	1	1	17.01	17.04	16.97	18.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.18	21.35	21.24	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.12	21.25	21.16	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.13	21.28	21.23	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.15	21.35	21.26	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.12	21.31	21.18	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.19	21.36	21.23	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.11	21.34	21.18	22.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.10	21.28	21.23	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.12	21.34	21.23	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.16	21.26	21.27	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.12	21.32	21.28	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.64	21.67	21.58	22.5	0.0
100	PI/2 BPSK	1	137	21.55	21.62	21.56		
100	PI/2 BPSK	1	271	21.57	21.66	21.61		
100	PI/2 BPSK	135	0	19.43	19.52	19.44	20.5	2.0
100	PI/2 BPSK	135	69	21.64	21.69	21.57	22.5	0.0
100	PI/2 BPSK	135	138	20.30	20.41	20.39	20.5	2.0
100	PI/2 BPSK	270	0	20.20	20.31	20.26		
100	QPSK	1	1	21.56	21.75	21.66	22.5	0.0
100	QPSK	1	137	21.57	21.64	21.53		
100	QPSK	1	271	21.55	21.61	21.48		
100	QPSK	135	0	17.21	17.26	17.16	19.0	3.5
100	QPSK	135	69	21.63	21.65	21.52	22.5	0.0
100	QPSK	135	138	18.18	18.25	18.12	19.0	3.5
100	QPSK	270	0	18.15	18.21	18.08		
100	16QAM	1	1	20.52	20.61	20.56	21.5	1.0
100	64QAM	1	1	18.10	18.19	18.09	20.0	2.5
100	256QAM	1	1	16.88	16.99	16.90	18.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.52	21.72	21.59	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.45	21.64	21.59	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.43	21.64	21.61	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.52	21.71	21.55	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.54	21.67	21.54	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.42	21.64	21.63	22.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.46	21.64	21.55	22.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.53	21.65	21.57	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.43	21.68	21.54	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.45	21.66	21.57	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.52	21.72	21.53	22.5	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.87		22.5	0.0
100	PI/2 BPSK	1	137		21.23			
100	PI/2 BPSK	1	271		20.97			
100	PI/2 BPSK	135	0		20.66		21.5	1.0
100	PI/2 BPSK	135	69		21.05		22.5	0.0
100	PI/2 BPSK	135	138		20.69		21.5	1.0
100	PI/2 BPSK	270	0		20.55			
100	QPSK	1	1		21.35		22.5	0.0
100	QPSK	1	137		21.11			
100	QPSK	1	271		21.31			
100	QPSK	135	0		19.86		20.5	2.0
100	QPSK	135	69		21.07		22.5	0.0
100	QPSK	135	138		20.28		20.5	2.0
100	QPSK	270	0		20.04			
100	16QAM	1	1		19.97		21.5	1.0
100	64QAM	1	1		18.86		20.0	2.5
100	256QAM	1	1		16.35		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.32	21.33	21.24	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.29	21.23	21.28	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.28	21.23	21.31	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.28	21.29	21.23	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.30	21.33	21.27	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.29	21.33	21.27	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.32	21.30	21.23	22.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.33	21.23	21.35	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.26	21.25	21.32	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.24	21.29	21.26	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.32	21.34	21.28	22.5	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633334				
Frequency (MHz)					3500.01				
100	PI/2 BPSK	1	1		20.85		22.5	0.0	-0.65
100	PI/2 BPSK	1	137		21.20				-0.3
100	PI/2 BPSK	1	271		21.39				-0.01
100	PI/2 BPSK	135	0		20.41		21.0	1.5	-1.09
100	PI/2 BPSK	135	69		21.15		22.5	0.0	-0.35
100	PI/2 BPSK	135	138		20.79		21.0	1.5	-0.71
100	PI/2 BPSK	270	0		20.65				-0.85
100	QPSK	1	1		21.45		22.5	0.0	-1.3
100	QPSK	1	137		20.76				-0.74
100	QPSK	1	271		21.05				-0.45
100	QPSK	135	0		20.02		20.5	2.0	-1.48
100	QPSK	135	69		21.13		22.5	0.0	-0.37
100	QPSK	135	138		20.30		20.5	2.0	-1.2
100	QPSK	270	0		20.09				-1.41
100	16QAM	1	1		19.15		20.5	2.0	-2.35
100	64QAM	1	1		18.69		20.0	2.5	-2.81
100	256QAM	1	1		16.74		18.0	4.5	-4.76
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	21.32	21.35	21.32	22.5	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	21.34	21.33	21.33	22.5	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	21.35	21.37	21.37	22.5	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	21.36	21.40	21.42	22.5	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	21.39	21.39	21.33	22.5	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	21.40	21.41	21.36	22.5	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	21.37	21.41	21.43	22.5	0.0	
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	21.42	21.39	21.31	22.5	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	21.35	21.37	21.40	22.5	0.0	
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	21.41	21.41	21.37	22.5	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	21.31	21.38	21.34	22.5	0.0	

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.35		22.5	0.0
100	PI/2 BPSK	1	137		21.29			
100	PI/2 BPSK	1	271		21.32			
100	PI/2 BPSK	135	0		19.69		21.0	1.5
100	PI/2 BPSK	135	69		21.31		22.5	0.0
100	PI/2 BPSK	135	138		20.51		21.0	1.5
100	PI/2 BPSK	270	0		20.56			
100	QPSK	1	1		21.45		22.5	0.0
100	QPSK	1	137		21.28			
100	QPSK	1	271		21.33			
100	QPSK	135	0		17.83		19.0	3.5
100	QPSK	135	69		21.23		22.5	0.0
100	QPSK	135	138		18.01		19.0	3.5
100	QPSK	270	0		17.96			
100	16QAM	1	1		19.67		21.5	1.0
100	64QAM	1	1		18.02		20.0	2.5
100	256QAM	1	1		16.70		18.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.32	21.32	21.33	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.37	21.36	21.34	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.38	21.36	21.41	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.37	21.37	21.35	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.36	21.36	21.42	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.34	21.40	21.43	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.31	21.40	21.39	22.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.35	21.34	21.37	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.33	21.40	21.33	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.40	21.38	21.42	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.32	21.32	21.36	22.5	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		21.45		22.5	0.0
100	PI/2 BPSK	1	137		21.48			
100	PI/2 BPSK	1	271		21.44			
100	PI/2 BPSK	135	0		19.79		21.5	1.0
100	PI/2 BPSK	135	69		21.50		22.5	0.0
100	PI/2 BPSK	135	138		20.51		21.5	1.0
100	PI/2 BPSK	270	0		20.59			
100	QPSK	1	1		21.58		22.5	0.0
100	QPSK	1	137		21.56			
100	QPSK	1	271		21.54			
100	QPSK	135	0		17.96		19.0	3.5
100	QPSK	135	69		21.56		22.5	0.0
100	QPSK	135	138		18.02		19.0	3.5
100	QPSK	270	0		17.95			
100	16QAM	1	1		20.06		21.5	1.0
100	64QAM	1	1		18.24		20.0	2.5
100	256QAM	1	1		16.67		18.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.50	21.55	21.45	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.53	21.47	21.55	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.52	21.54	21.51	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.52	21.54	21.47	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.49	21.49	21.53	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.47	21.55	21.44	22.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.55	21.44	21.52	22.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.56	21.44	21.46	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.46	21.48	21.46	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.49	21.47	21.56	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.45	21.47	21.47	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.56		22.5	0.0
100	PI/2 BPSK	1	137		20.55			
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		21.29		22.0	0.5
100	PI/2 BPSK	135	69		20.57		22.5	0.0
100	PI/2 BPSK	135	138		21.12		22.0	0.5
100	PI/2 BPSK	270	0		21.32			
100	QPSK	1	1		21.49		22.5	0.0
100	QPSK	1	137		20.56			
100	QPSK	1	271		20.55			
100	QPSK	135	0		19.98		21.5	1.0
100	QPSK	135	69		21.22		22.5	0.0
100	QPSK	135	138		20.66		21.5	1.0
100	QPSK	270	0		20.78			
100	16QAM	1	1		18.60		20.5	2.0
100	64QAM	1	1		18.09		20.0	2.5
100	256QAM	1	1		16.72		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.41	21.35	21.45	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.38	21.47	21.46	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.39	21.46	21.36	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.44	21.43	21.42	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.40	21.39	21.45	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.37	21.40	21.45	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.38	21.41	21.44	22.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.46	21.36	21.44	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.47	21.42	21.36	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.45	21.40	21.47	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.40	21.45	21.35	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.56		22.5	0.0
100	PI/2 BPSK	1	137		20.55			
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		21.29		22.0	0.5
100	PI/2 BPSK	135	69		20.57		22.5	0.0
100	PI/2 BPSK	135	138		21.12		22.0	0.5
100	PI/2 BPSK	270	0		21.32			
100	QPSK	1	1		21.49		22.5	0.0
100	QPSK	1	137		20.56			
100	QPSK	1	271		20.55			
100	QPSK	135	0		19.98		21.5	1.0
100	QPSK	135	69		21.22		22.5	0.0
100	QPSK	135	138		20.66		21.5	1.0
100	QPSK	270	0		20.78			
100	16QAM	1	1		18.60		21.5	1.0
100	64QAM	1	1		18.09		20.0	2.5
100	256QAM	1	1		16.72		18.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.41	21.35	21.45	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.38	21.47	21.46	22.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.39	21.46	21.36	22.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.44	21.43	21.42	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.40	21.39	21.45	22.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.37	21.40	21.45	22.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.38	21.41	21.44	22.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.46	21.36	21.44	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.47	21.42	21.36	22.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.45	21.40	21.47	22.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.40	21.45	21.35	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.24	23.32	23.20	24.0	0.0
100	PI/2 BPSK	1	137	23.34	23.47	23.39		
100	PI/2 BPSK	1	271	23.32	23.40	23.31		
100	PI/2 BPSK	135	0	23.25	23.36	23.30	24.0	0.0
100	PI/2 BPSK	135	69	23.33	23.46	23.33	24.0	0.0
100	PI/2 BPSK	135	138	23.43	23.47	23.37	24.0	0.0
100	PI/2 BPSK	270	0	23.36	23.43	23.37		
100	QPSK	1	1	23.27	23.53	23.30	24.0	0.0
100	QPSK	1	137	23.38	23.40	23.33		
100	QPSK	1	271	23.40	23.47	23.44		
100	QPSK	135	0	23.25	23.34	23.26	24.0	0.0
100	QPSK	135	69	23.37	23.45	23.38	24.0	0.0
100	QPSK	135	138	23.31	23.43	23.38	24.0	0.0
100	QPSK	270	0	23.27	23.39	23.32		
100	16QAM	1	1	23.07	23.21	23.13	24.0	0.0
100	64QAM	1	1	23.03	23.15	23.03	24.0	0.0
100	256QAM	1	1	22.80	22.84	22.78	23.0	1.0
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.14	23.43	23.16	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.21	23.42	23.27	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.24	23.51	23.26	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	23.14	23.46	23.17	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.21	23.47	23.21	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	23.14	23.50	23.26	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	23.24	23.45	23.22	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.15	23.50	23.23	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.22	23.47	23.23	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	23.17	23.45	23.16	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.22	26.26	26.19	27.0	0.0
100	PI/2 BPSK	1	137	26.30	26.33	26.21		
100	PI/2 BPSK	1	271	26.23	26.31	26.18		
100	PI/2 BPSK	135	0	26.19	26.30	26.22	27.0	0.0
100	PI/2 BPSK	135	69	26.20	26.25	26.19	27.0	0.0
100	PI/2 BPSK	135	138	26.32	26.35	26.29	27.0	0.0
100	PI/2 BPSK	270	0	26.29	26.37	26.34		
100	QPSK	1	1	26.16	26.38	26.11	27.0	0.0
100	QPSK	1	137	26.18	26.31	26.18		
100	QPSK	1	271	26.25	26.34	26.24		
100	QPSK	135	0	25.87	26.00	25.98	27.0	0.0
100	QPSK	135	69	26.26	26.34	26.24	27.0	0.0
100	QPSK	135	138	26.22	26.26	26.22	27.0	0.0
100	QPSK	270	0	25.22	25.34	25.25		
100	16QAM	1	1	25.79	25.88	25.79	26.0	1.0
100	64QAM	1	1	24.40	24.44	24.30	25.0	2.0
100	256QAM	1	1	22.78	22.80	22.73	23.0	4.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.03	26.26	26.06	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	26.07	26.25	26.04	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.05	26.24	26.04	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.02	26.25	26.08	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.07	26.27	26.00	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.12	26.36	26.01	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.05	26.26	26.00	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.05	26.33	26.06	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.09	26.30	26.01	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.08	26.30	26.05	27.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.62	23.75	23.63	25.0	0.0
40	PI/2 BPSK	1	53	23.62	23.74	23.65		
40	PI/2 BPSK	1	104	23.68	23.72	23.65		
40	PI/2 BPSK	50	0	23.68	23.72	23.59	25.0	0.0
40	PI/2 BPSK	50	28	23.59	23.68	23.59	25.0	0.0
40	PI/2 BPSK	50	56	23.74	23.79	23.69	25.0	0.0
40	PI/2 BPSK	100	0	23.59	23.72	23.60		
40	QPSK	1	1	23.54	23.84	23.61	25.0	0.0
40	QPSK	1	53	23.71	23.75	23.69		
40	QPSK	1	104	23.72	23.82	23.71		
40	QPSK	50	0	23.70	23.79	23.71	25.0	0.0
40	QPSK	50	28	23.76	23.82	23.72	25.0	0.0
40	QPSK	50	56	23.69	23.77	23.63	25.0	0.0
40	QPSK	100	0	23.65	23.73	23.69		
40	16QAM	1	1	23.59	23.73	23.67	25.0	0.0
40	64QAM	1	1	22.84	22.90	22.77	24.0	1.0
40	256QAM	1	1	20.76	20.84	20.73	22.0	3.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.47	23.72	23.58	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.44	23.77	23.49	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.44	23.74	23.54	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.70	22.72	22.67	24.0	0.0
100	PI/2 BPSK	1	137	22.58	22.66	22.59		
100	PI/2 BPSK	1	271	22.62	22.67	22.61		
100	PI/2 BPSK	135	0	22.42	22.50	22.42	24.0	0.0
100	PI/2 BPSK	135	69	22.66	22.69	22.56	24.0	0.0
100	PI/2 BPSK	135	138	22.55	22.65	22.56	24.0	0.0
100	PI/2 BPSK	270	0	22.49	22.52	22.43		
100	QPSK	1	1	22.59	22.73	22.68	24.0	0.0
100	QPSK	1	137	22.58	22.65	22.54		
100	QPSK	1	271	22.61	22.65	22.52		
100	QPSK	135	0	22.52	22.58	22.56	24.0	0.0
100	QPSK	135	69	22.52	22.64	22.53	24.0	0.0
100	QPSK	135	138	22.55	22.63	22.52	24.0	0.0
100	QPSK	270	0	22.38	22.49	22.36		
100	16QAM	1	1	22.59	22.68	22.59	24.0	0.0
100	64QAM	1	1	22.50	22.54	22.49	24.0	0.0
100	256QAM	1	1	21.13	21.18	21.06	22.0	2.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.46	22.68	22.59	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.46	22.69	22.59	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.54	22.67	22.61	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.51	22.69	22.56	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.52	22.64	22.58	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.51	22.67	22.65	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.48	22.66	22.61	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.50	22.66	22.55	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.56	22.70	22.55	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.47	22.69	22.57	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.48	22.60	22.65	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	25.55	25.64	25.50	27.0	0.0
100	PI/2 BPSK	1	137	25.46	25.55	25.51		
100	PI/2 BPSK	1	271	25.47	25.57	25.46		
100	PI/2 BPSK	135	0	24.90	25.02	24.91	26.5	0.5
100	PI/2 BPSK	135	69	25.61	25.63	25.58	27.0	0.0
100	PI/2 BPSK	135	138	24.90	25.01	24.90	26.5	0.5
100	PI/2 BPSK	270	0	24.80	24.94	24.87		
100	QPSK	1	1	25.39	25.67	25.47	27.0	0.0
100	QPSK	1	137	25.61	25.64	25.54		
100	QPSK	1	271	25.56	25.59	25.52		
100	QPSK	135	0	24.45	24.50	24.44	26.0	1.0
100	QPSK	135	69	25.55	25.58	25.50	27.0	0.0
100	QPSK	135	138	24.38	24.51	24.38	26.0	1.0
100	QPSK	270	0	24.43	24.51	24.37		
100	16QAM	1	1	24.43	24.51	24.37	26.0	1.0
100	64QAM	1	1	23.00	23.11	22.97	24.5	2.5
100	256QAM	1	1	21.10	21.16	21.05	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.31	25.57	25.42	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.30	25.54	25.34	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.35	25.62	25.43	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.31	25.55	25.36	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.25	25.59	25.36	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.30	25.55	25.45	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.34	25.63	25.37	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.36	25.58	25.42	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.29	25.61	25.38	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.30	25.54	25.39	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.35	25.60	25.36	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.31		24.0	0.0
100	PI/2 BPSK	1	137		23.38			
100	PI/2 BPSK	1	271		23.39			
100	PI/2 BPSK	135	0		23.41		24.0	0.0
100	PI/2 BPSK	135	69		23.46		24.0	0.0
100	PI/2 BPSK	135	138		23.39		24.0	0.0
100	PI/2 BPSK	270	0		23.43			
100	QPSK	1	1		23.49		24.0	0.0
100	QPSK	1	137		23.44			
100	QPSK	1	271		23.47			
100	QPSK	135	0		23.37		24.0	0.0
100	QPSK	135	69		23.45		24.0	0.0
100	QPSK	135	138		23.43		24.0	0.0
100	QPSK	270	0		23.42			
100	16QAM	1	1		23.29		24.0	0.0
100	64QAM	1	1		23.31		24.0	0.0
100	256QAM	1	1		21.72		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.42	23.44	23.36	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.39	23.46	23.45	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.43	23.44	23.36	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.36	23.47	23.38	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.37	23.44	23.38	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.37	23.42	23.46	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.38	23.45	23.39	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.38	23.43	23.41	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.37	23.46	23.43	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.40	23.36	23.45	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.43	23.45	23.42	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.21		27.0	0.0
100	PI/2 BPSK	1	137		26.14			
100	PI/2 BPSK	1	271		26.22			
100	PI/2 BPSK	135	0		25.80		26.5	0.5
100	PI/2 BPSK	135	69		26.15		27.0	0.0
100	PI/2 BPSK	135	138		25.91		26.5	0.5
100	PI/2 BPSK	270	0		25.97			
100	QPSK	1	1		26.25		27.0	0.0
100	QPSK	1	137		26.11			
100	QPSK	1	271		26.14			
100	QPSK	135	0		25.28		26.0	1.0
100	QPSK	135	69		26.15		27.0	0.0
100	QPSK	135	138		25.84		26.0	1.0
100	QPSK	270	0		25.48			
100	16QAM	1	1		25.21		26.0	1.0
100	64QAM	1	1		23.60		24.5	2.5
100	256QAM	1	1		21.93		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.19	26.15	26.18	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.18	26.21	26.20	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.15	26.13	26.13	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.16	26.12	26.21	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.12	26.21	26.19	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.20	26.20	26.13	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.19	26.13	26.22	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.22	26.22	26.16	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.11	26.16	26.18	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.19	26.14	26.21	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.15	26.21	26.11	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.96		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.94			
100	PI/2 BPSK	135	0		22.81		24.0	0.0
100	PI/2 BPSK	135	69		22.93		24.0	0.0
100	PI/2 BPSK	135	138		22.91		24.0	0.0
100	PI/2 BPSK	270	0		22.58			
100	QPSK	1	1		22.99		24.0	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		22.97			
100	QPSK	135	0		22.83		24.0	0.0
100	QPSK	135	69		22.95		24.0	0.0
100	QPSK	135	138		22.88		24.0	0.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.68		24.0	0.0
100	64QAM	1	1		22.76		24.0	0.0
100	256QAM	1	1		21.60		22.0	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.86	22.88	22.91	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.95	22.86	22.90	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.90	22.95	22.93	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.87	22.97	22.91	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.85	22.92	22.88	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.97	22.92	22.95	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.91	22.85	22.97	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.92	22.90	22.89	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.96	22.88	22.88	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.97	22.91	22.96	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.92	22.92	22.88	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.91		27.0	0.0
100	PI/2 BPSK	1	137		25.89			
100	PI/2 BPSK	1	271		25.88			
100	PI/2 BPSK	135	0		25.34		26.5	0.5
100	PI/2 BPSK	135	69		25.96		27.0	0.0
100	PI/2 BPSK	135	138		25.22		26.5	0.5
100	PI/2 BPSK	270	0		25.15			
100	QPSK	1	1		25.99		27.0	0.0
100	QPSK	1	137		25.91			
100	QPSK	1	271		25.94			
100	QPSK	135	0		24.81		26.0	1.0
100	QPSK	135	69		25.95		27.0	0.0
100	QPSK	135	138		25.91		26.0	1.0
100	QPSK	270	0		24.64			
100	16QAM	1	1		25.24		26.0	1.0
100	64QAM	1	1		23.23		24.5	2.5
100	256QAM	1	1		21.41		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.95	25.87	25.89	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.96	25.90	25.92	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.89	25.85	25.96	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.93	25.90	25.87	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.92	25.90	25.91	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.93	25.95	25.95	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.92	25.88	25.95	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.88	25.87	25.90	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.90	25.86	25.88	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.85	25.96	25.85	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.88	25.89	25.92	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.34		24.0	0.0
100	PI/2 BPSK	1	137		23.35			
100	PI/2 BPSK	1	271		23.33			
100	PI/2 BPSK	135	0		23.31		24.0	0.0
100	PI/2 BPSK	135	69		23.42		24.0	0.0
100	PI/2 BPSK	135	138		23.37		24.0	0.0
100	PI/2 BPSK	270	0		23.25			
100	QPSK	1	1		23.45		24.0	0.0
100	QPSK	1	137		23.33			
100	QPSK	1	271		23.36			
100	QPSK	135	0		23.37		24.0	0.0
100	QPSK	135	69		23.41		24.0	0.0
100	QPSK	135	138		23.40		24.0	0.0
100	QPSK	270	0		23.37			
100	16QAM	1	1		23.41		24.0	0.0
100	64QAM	1	1		23.11		24.0	0.0
100	256QAM	1	1		21.78		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.37	23.31	23.40	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.41	23.34	23.38	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.34	23.41	23.32	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.43	23.32	23.37	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.32	23.40	23.35	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.39	23.42	23.42	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.41	23.41	23.37	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.37	23.34	23.39	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.35	23.33	23.35	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.37	23.31	23.36	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.33	23.42	23.36	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.31		27.0	0.0
100	PI/2 BPSK	1	137		26.23			
100	PI/2 BPSK	1	271		26.22			
100	PI/2 BPSK	135	0		25.86		26.5	0.5
100	PI/2 BPSK	135	69		26.25		27.0	0.0
100	PI/2 BPSK	135	138		25.81		26.5	0.5
100	PI/2 BPSK	270	0		25.89			
100	QPSK	1	1		26.34		27.0	0.0
100	QPSK	1	137		26.27			
100	QPSK	1	271		26.25			
100	QPSK	135	0		25.36		26.0	1.0
100	QPSK	135	69		26.30		27.0	0.0
100	QPSK	135	138		25.95		26.0	1.0
100	QPSK	270	0		25.38			
100	16QAM	1	1		25.34		26.0	1.0
100	64QAM	1	1		23.66		24.5	2.5
100	256QAM	1	1		21.63		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.22	26.22	26.32	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.29	26.30	26.24	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.29	26.24	26.28	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.21	26.25	26.26	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.25	26.26	26.30	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.26	26.21	26.24	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.29	26.22	26.31	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.28	26.23	26.30	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.27	26.31	26.28	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.27	26.22	26.25	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				26.2	26.28	26.2		
10	QPSK	1	1	26.28	26.21	26.24	27.0	0.0

Reduced Power Mode for Other PA DSI2

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	22.88	23.01	22.99	24.0	0.0
20	PI/2 BPSK	1	53	22.88	22.99	22.89		
20	PI/2 BPSK	1	104	22.98	23.05	22.96		
20	PI/2 BPSK	50	0	22.96	23.02	22.97	24.0	0.0
20	PI/2 BPSK	50	28	22.87	23.00	22.88	24.0	0.0
20	PI/2 BPSK	50	56	22.94	23.05	22.95	24.0	0.0
20	PI/2 BPSK	100	0	22.83	22.87	22.77		
20	QPSK	1	1	22.98	23.11	23.01	24.0	0.0
20	QPSK	1	53	23.00	23.08	23.04		
20	QPSK	1	104	23.03	23.09	23.06		
20	QPSK	50	0	22.83	22.97	22.84	24.0	0.0
20	QPSK	50	28	22.99	23.02	22.95	24.0	0.0
20	QPSK	50	56	22.91	23.00	22.94	24.0	0.0
20	QPSK	100	0	22.82	22.92	22.86		
20	16QAM	1	1	22.11	22.03	22.15	24.0	0.0
20	64QAM	1	1	22.40	22.48	22.40	24.0	0.0
20	256QAM	1	1	20.37	20.47	20.42	22.0	2.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.94	23.06	22.94	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.93	23.06	22.93	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	22.85	23.01	22.88	24.0	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	22.85	22.98	22.91	24.0	0.0
40	PI/2 BPSK	1	108	22.87	22.98	22.88		
40	PI/2 BPSK	1	214	22.80	22.94	22.91		
40	PI/2 BPSK	108	0	22.47	22.56	22.42	24.0	0.0
40	PI/2 BPSK	108	54	22.88	22.92	22.80	24.0	0.0
40	PI/2 BPSK	108	108	22.44	22.51	22.39	24.0	0.0
40	PI/2 BPSK	216	0	22.48	22.55	22.42		
40	QPSK	1	1	22.94	23.04	22.94	24.0	0.0
40	QPSK	1	108	22.89	22.94	22.81		
40	QPSK	1	214	22.89	22.97	22.84		
40	QPSK	108	0	22.20	22.23	22.21	23.0	1.0
40	QPSK	108	54	22.84	22.93	22.89	24.0	0.0
40	QPSK	108	108	22.62	22.75	22.71	23.0	1.0
40	QPSK	216	0	22.77	22.83	22.73		
40	16QAM	1	1	22.94	23.02	22.96	24.0	0.0
40	64QAM	1	1	21.73	21.87	21.77	23.0	1.0
40	256QAM	1	1	20.01	20.07	19.97	21.0	3.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.95	22.91	22.84	24.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	23.00	22.93	22.91	24.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	23.01	22.90	22.98	24.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.99	23.00	22.90	24.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.94	23.01	22.93	24.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.98	22.90	22.95	24.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	23.01	22.95	23.00	24.0	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.39	23.49	23.43	24.0	0.0
40	PI/2 BPSK	1	106	23.53	23.56	23.46		
40	PI/2 BPSK	1	214	23.42	23.52	23.46		
40	PI/2 BPSK	108	0	22.46	22.49	22.38	24.0	0.0
40	PI/2 BPSK	108	54	23.51	23.56	23.45	24.0	0.0
40	PI/2 BPSK	108	108	22.42	22.55	22.45	24.0	0.0
40	PI/2 BPSK	216	0	22.45	22.49	22.38		
40	QPSK	1	1	23.52	23.59	23.51	24.0	0.0
40	QPSK	1	108	23.43	23.45	23.39		
40	QPSK	1	214	23.52	23.55	23.50		
40	QPSK	108	0	22.61	22.65	22.57	24.0	0.0
40	QPSK	108	54	23.13	23.21	23.16	24.0	0.0
40	QPSK	108	108	22.78	22.89	22.87	24.0	0.0
40	QPSK	216	0	23.05	23.13	23.02		
40	16QAM	1	1	23.42	23.56	23.52	24.0	0.0
40	64QAM	1	1	22.47	22.52	22.49	23.0	1.0
40	256QAM	1	1	20.96	20.91	20.92	21.0	3.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.41	23.48	23.47	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.50	23.52	23.44	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	23.46	23.55	23.41	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.41	23.50	23.49	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	23.42	23.50	23.47	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.47	23.51	23.49	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	23.45	23.53	23.43	24.0	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.18	15.35	15.29	16.5	0.0
20	PI/2 BPSK	1	53	15.36	15.36	15.26		
20	PI/2 BPSK	1	104	15.19	15.29	15.31		
20	PI/2 BPSK	50	0	15.19	15.40	15.23	16.5	0.0
20	PI/2 BPSK	50	28	15.19	15.35	15.30	16.5	0.0
20	PI/2 BPSK	50	56	15.39	15.42	15.28	16.5	0.0
20	PI/2 BPSK	100	0	15.28	15.37	15.35		
20	QPSK	1	1	15.30	15.50	15.43	16.5	0.0
20	QPSK	1	53	15.45	15.39	15.37		
20	QPSK	1	104	15.27	15.39	15.36		
20	QPSK	50	0	15.28	15.35	15.33	16.5	0.0
20	QPSK	50	28	15.29	15.36	15.31	16.5	0.0
20	QPSK	50	56	15.31	15.32	15.31	16.5	0.0
20	QPSK	100	0	15.23	15.38	15.27		
20	16QAM	1	1	15.20	15.40	15.28	16.5	0.0
20	64QAM	1	1	15.33	15.27	15.28	16.5	0.0
20	256QAM	1	1	15.23	15.38	15.33	16.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.20	15.43	15.37	16.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.19	15.43	15.35	16.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.23	15.44	15.36	16.5	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.32	15.47	15.34	16.5	0.0
40	PI/2 BPSK	1	108	15.46	15.46	15.35		
40	PI/2 BPSK	1	214	15.27	15.41	15.45		
40	PI/2 BPSK	108	0	15.30	15.49	15.32	16.5	0.0
40	PI/2 BPSK	108	54	15.29	15.48	15.42	16.5	0.0
40	PI/2 BPSK	108	108	15.42	15.47	15.37	16.5	0.0
40	PI/2 BPSK	216	0	15.36	15.44	15.45		
40	QPSK	1	1	15.40	15.52	15.45	16.5	0.0
40	QPSK	1	108	15.49	15.50	15.43		
40	QPSK	1	214	15.41	15.48	15.48		
40	QPSK	108	0	15.42	15.43	15.37	16.5	0.0
40	QPSK	108	54	15.33	15.46	15.35	16.5	0.0
40	QPSK	108	108	15.43	15.44	15.39	16.5	0.0
40	QPSK	216	0	15.27	15.42	15.36		
40	16QAM	1	1	15.33	15.45	15.41	16.5	0.0
40	64QAM	1	1	15.40	15.37	15.33	16.5	0.0
40	256QAM	1	1	15.31	15.40	15.43	16.5	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	15.31	15.42	15.61	16.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.31	15.47	15.31	16.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.32	15.47	15.36	16.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.32	15.48	15.34	16.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.27	15.43	15.36	16.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.35	15.46	15.31	16.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.30	15.49	15.34	16.5	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.03	16.20	16.07	17.6	0.0
40	PI/2 BPSK	1	108	16.04	16.13	15.99		
40	PI/2 BPSK	1	214	16.08	16.17	16.07		
40	PI/2 BPSK	108	0	15.97	16.13	15.99	17.6	0.0
40	PI/2 BPSK	108	54	16.05	16.08	16.04	17.6	0.0
40	PI/2 BPSK	108	108	15.99	16.09	16.07	17.6	0.0
40	PI/2 BPSK	216	0	16.03	16.09	16.08		
40	QPSK	1	1	16.20	16.25	16.08	17.6	0.0
40	QPSK	1	108	16.12	16.22	16.10		
40	QPSK	1	214	16.04	16.17	16.11		
40	QPSK	108	0	16.06	16.19	16.12	17.6	0.0
40	QPSK	108	54	16.17	16.22	16.10	17.6	0.0
40	QPSK	108	108	16.04	16.15	16.05	17.6	0.0
40	QPSK	216	0	16.01	16.15	15.93		
40	16QAM	1	1	15.86	15.95	15.85	17.6	0.0
40	64QAM	1	1	16.12	16.18	15.95	17.6	0.0
40	256QAM	1	1	16.06	16.17	15.98	17.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.02	16.01	16.08	17.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.10	16.15	15.95	17.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.16	16.11	16.02	17.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.07	16.17	15.98	17.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.08	16.23	15.96	17.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.12	16.16	16.01	17.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				16.09	16.15	15.99		
5	QPSK	1	1	16.12	16.16	16.01	17.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.80	14.91	14.84	16.5	0.0
100	PI/2 BPSK	1	137	14.97	14.94	14.87		
100	PI/2 BPSK	1	271	14.92	14.95	14.75		
100	PI/2 BPSK	135	0	14.80	14.90	14.77	16.5	0.0
100	PI/2 BPSK	135	69	14.78	14.89	14.76	16.5	0.0
100	PI/2 BPSK	135	138	14.74	14.87	14.69	16.5	0.0
100	PI/2 BPSK	270	0	14.69	14.89	14.74		
100	QPSK	1	1	14.85	14.99	14.79	16.5	0.0
100	QPSK	1	137	14.81	14.87	14.72		
100	QPSK	1	271	14.82	14.92	14.73		
100	QPSK	135	0	14.77	14.92	14.77	16.5	0.0
100	QPSK	135	69	14.78	14.97	14.68	16.5	0.0
100	QPSK	135	138	14.74	14.86	14.76	16.5	0.0
100	QPSK	270	0	14.70	14.87	14.84		
100	16QAM	1	1	14.76	14.96	14.75	16.5	0.0
100	64QAM	1	1	14.77	14.93	14.77	16.5	0.0
100	256QAM	1	1	14.74	14.86	14.78	16.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.75	14.97	14.71	16.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.81	14.94	14.70	16.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.81	14.89	14.71	16.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.75	14.97	14.71	16.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.75	14.92	14.74	16.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.78	14.88	14.76	16.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.75	14.91	14.69	16.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.73	14.92	14.66	16.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.77	14.96	14.72	16.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.76	14.86	14.76	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.75	17.94	17.88	19.5	0.0
100	PI/2 BPSK	1	137	17.80	17.96	17.83		
100	PI/2 BPSK	1	271	17.81	17.88	17.89		
100	PI/2 BPSK	135	0	17.85	17.94	17.81	19.5	0.0
100	PI/2 BPSK	135	69	17.76	17.92	17.81	19.5	0.0
100	PI/2 BPSK	135	138	17.80	17.88	17.74	19.5	0.0
100	PI/2 BPSK	270	0	17.70	17.94	17.70		
100	QPSK	1	1	17.81	17.97	17.84	19.5	0.0
100	QPSK	1	137	17.77	17.90	17.72		
100	QPSK	1	271	17.85	17.85	17.78		
100	QPSK	135	0	17.75	17.91	17.75	19.5	0.0
100	QPSK	135	69	17.74	17.95	17.71	19.5	0.0
100	QPSK	135	138	17.74	17.81	17.78	19.5	0.0
100	QPSK	270	0	17.72	17.91	17.90		
100	16QAM	1	1	17.85	17.91	17.79	19.5	0.0
100	64QAM	1	1	17.72	17.95	17.72	19.5	0.0
100	256QAM	1	1	17.73	17.87	17.78	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.76	17.93	17.81	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.85	17.92	17.90	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.78	17.96	17.84	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.78	17.88	17.80	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.84	17.86	17.90	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.84	17.93	17.90	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.80	17.88	17.80	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.83	17.96	17.79	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.79	17.94	17.84	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.79	17.95	17.80	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				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.94	13.14	12.98	14.1	0.0
100	PI/2 BPSK	1	137	13.00	13.14	13.05		
100	PI/2 BPSK	1	271	12.96	13.06	13.00		
100	PI/2 BPSK	135	0	12.94	13.07	12.94	14.1	0.0
100	PI/2 BPSK	135	69	13.01	13.16	13.00	14.1	0.0
100	PI/2 BPSK	135	138	12.97	13.13	12.99	14.1	0.0
100	PI/2 BPSK	270	0	12.98	13.15	12.93		
100	QPSK	1	1	13.08	13.18	13.07	14.1	0.0
100	QPSK	1	137	12.95	13.09	13.00		
100	QPSK	1	271	12.98	13.16	13.04		
100	QPSK	135	0	13.03	13.07	13.03	14.1	0.0
100	QPSK	135	69	12.98	13.15	12.94	14.1	0.0
100	QPSK	135	138	13.04	13.10	12.99	14.1	0.0
100	QPSK	270	0	12.97	13.07	12.96		
100	16QAM	1	1	13.05	13.04	13.04	14.1	0.0
100	64QAM	1	1	12.98	13.15	13.00	14.1	0.0
100	256QAM	1	1	13.00	13.06	12.98	14.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.95	13.08	13.02	14.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.06	13.06	12.94	14.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.96	13.10	13.05	14.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.95	13.10	13.04	14.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.03	13.06	12.98	14.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.97	13.14	13.04	14.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.95	13.07	13.05	14.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.01	13.13	13.00	14.1	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.98	13.16	12.94	14.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.94	13.09	13.01	14.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.88	16.11	15.93	17.1	0.0
100	PI/2 BPSK	1	137	15.97	16.12	16.10		
100	PI/2 BPSK	1	271	15.95	16.05	15.97		
100	PI/2 BPSK	135	0	15.97	16.13	15.94	17.1	0.0
100	PI/2 BPSK	135	69	15.99	16.15	15.95	17.1	0.0
100	PI/2 BPSK	135	138	15.97	16.14	15.98	17.1	0.0
100	PI/2 BPSK	270	0	15.97	16.19	15.91		
100	QPSK	1	1	16.10	16.21	16.08	17.1	0.0
100	QPSK	1	137	15.92	16.06	16.04		
100	QPSK	1	271	16.00	16.15	16.05		
100	QPSK	135	0	16.08	16.13	15.98	17.1	0.0
100	QPSK	135	69	15.98	16.15	15.91	17.1	0.0
100	QPSK	135	138	16.07	16.11	16.00	17.1	0.0
100	QPSK	270	0	16.03	16.05	15.92		
100	16QAM	1	1	16.02	16.05	16.02	17.1	0.0
100	64QAM	1	1	15.95	16.12	15.96	17.1	0.0
100	256QAM	1	1	15.99	16.09	16.00	17.1	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.96	16.11	16.04	17.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.00	16.12	16.04	17.1	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.06	16.13	16.01	17.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.06	16.18	15.95	17.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.03	16.11	15.97	17.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.02	16.08	15.97	17.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.07	16.10	16.04	17.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.03	16.14	15.97	17.1	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.99	16.13	15.95	17.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.01	16.09	15.95	17.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.97	21.00	20.84	22.1	0.0
40	PI/2 BPSK	1	53	20.95	20.99	20.94		
40	PI/2 BPSK	1	104	20.80	20.96	20.86		
40	PI/2 BPSK	50	0	20.92	21.06	20.81	22.1	0.0
40	PI/2 BPSK	50	28	21.04	21.09	20.86	22.1	0.0
40	PI/2 BPSK	50	56	20.95	20.94	20.89	22.1	0.0
40	PI/2 BPSK	100	0	20.86	20.99	20.84		
40	QPSK	1	1	21.06	21.13	20.92	22.1	0.0
40	QPSK	1	53	20.97	21.02	21.00		
40	QPSK	1	104	20.92	21.02	20.89		
40	QPSK	50	0	20.93	20.88	20.79	22.1	0.0
40	QPSK	50	28	20.95	21.05	20.97	22.1	0.0
40	QPSK	50	56	20.88	20.95	20.78	22.1	0.0
40	QPSK	100	0	21.01	21.09	20.90		
40	16QAM	1	1	20.90	20.99	20.91	22.1	0.0
40	64QAM	1	1	20.86	20.91	20.76	21.5	0.6
40	256QAM	1	1	19.03	19.12	19.07	19.5	2.6
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.96	21.07	20.83	22.1	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.96	21.03	20.89	22.1	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.93	21.04	20.83	22.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.05	19.15	19.02	21.0	0.0
100	PI/2 BPSK	1	137	19.17	19.18	19.11		
100	PI/2 BPSK	1	271	19.17	19.29	19.19		
100	PI/2 BPSK	135	0	19.02	19.09	19.11	21.0	0.0
100	PI/2 BPSK	135	69	19.06	19.14	19.16	21.0	0.0
100	PI/2 BPSK	135	138	19.14	19.29	19.26	21.0	0.0
100	PI/2 BPSK	270	0	19.04	19.01	19.05		
100	QPSK	1	1	19.23	19.39	19.23	21.0	0.0
100	QPSK	1	137	19.18	19.26	19.19		
100	QPSK	1	271	19.18	19.16	19.19		
100	QPSK	135	0	19.12	19.07	19.08	21.0	0.0
100	QPSK	135	69	19.20	19.26	19.23	21.0	0.0
100	QPSK	135	138	19.10	19.15	19.06	21.0	0.0
100	QPSK	270	0	19.05	19.06	19.01		
100	16QAM	1	1	19.23	19.20	19.30	21.0	0.0
100	64QAM	1	1	19.17	19.17	19.11	21.0	0.0
100	256QAM	1	1	19.17	19.32	19.10	21.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.14	19.36	19.16	21.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.13	19.26	19.18	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.17	19.36	19.16	21.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.17	19.30	19.13	21.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.13	19.29	19.19	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.18	19.35	19.19	21.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.20	19.32	19.17	21.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.20	19.35	19.10	21.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.09	19.32	19.10	21.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.19	19.27	19.10	21.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.11	19.32	19.17	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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.14	22.20	22.08	24.0	0.0
100	PI/2 BPSK	1	137	22.02	22.06	22.06		
100	PI/2 BPSK	1	271	22.12	22.24	22.13		
100	PI/2 BPSK	135	0	22.07	22.21	22.08	24.0	0.0
100	PI/2 BPSK	135	69	22.16	22.23	22.10	24.0	0.0
100	PI/2 BPSK	135	138	22.14	22.19	22.13	24.0	0.0
100	PI/2 BPSK	270	0	22.07	22.15	22.03		
100	QPSK	1	1	22.19	22.25	22.17	24.0	0.0
100	QPSK	1	137	22.08	22.16	22.04		
100	QPSK	1	271	22.07	22.11	22.09		
100	QPSK	135	0	22.07	22.12	22.03	24.0	0.0
100	QPSK	135	69	22.05	22.21	22.14	24.0	0.0
100	QPSK	135	138	22.11	22.11	22.13	24.0	0.0
100	QPSK	270	0	22.04	22.11	22.08		
100	16QAM	1	1	22.15	22.10	22.19	24.0	0.0
100	64QAM	1	1	22.09	22.10	22.04	24.0	0.0
100	256QAM	1	1	22.13	22.19	22.15	24.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.11	22.17	22.04	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.12	22.21	22.09	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.12	22.16	22.09	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.08	22.17	22.09	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.10	22.12	22.08	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.17	22.14	22.08	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.15	22.18	22.05	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.14	22.12	22.05	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.15	22.22	22.09	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.13	22.18	22.14	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.15	22.21	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.09		21.0	0.0
100	PI/2 BPSK	1	137		19.18			
100	PI/2 BPSK	1	271		19.14			
100	PI/2 BPSK	135	0		19.14		21.0	0.0
100	PI/2 BPSK	135	69		19.08		21.0	0.0
100	PI/2 BPSK	135	138		19.01		21.0	0.0
100	PI/2 BPSK	270	0		19.11			
100	QPSK	1	1		19.22		21.0	0.0
100	QPSK	1	137		19.12			
100	QPSK	1	271		19.08			
100	QPSK	135	0		19.10		21.0	0.0
100	QPSK	135	69		19.17		21.0	0.0
100	QPSK	135	138		19.04		21.0	0.0
100	QPSK	270	0		19.14			
100	16QAM	1	1		19.10		21.0	0.0
100	64QAM	1	1		19.08		21.0	0.0
100	256QAM	1	1		19.15		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.10	19.14	19.15	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.18	19.14	19.10	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.11	19.20	19.14	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.17	19.08	19.11	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.18	19.08	19.15	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.17	19.19	19.17	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.10	19.11	19.19	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.09	19.10	19.13	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.13	19.18	19.10	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.14	19.19	19.17	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.12	19.10	19.16	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.09		24.0	0.0
100	PI/2 BPSK	1	137		22.14			
100	PI/2 BPSK	1	271		22.18			
100	PI/2 BPSK	135	0		22.09		24.0	0.0
100	PI/2 BPSK	135	69		22.08		24.0	0.0
100	PI/2 BPSK	135	138		22.03		24.0	0.0
100	PI/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.23		24.0	0.0
100	QPSK	1	137		22.12			
100	QPSK	1	271		22.03			
100	QPSK	135	0		22.06		24.0	0.0
100	QPSK	135	69		22.08		24.0	0.0
100	QPSK	135	138		22.05		24.0	0.0
100	QPSK	270	0		22.19			
100	16QAM	1	1		22.16		24.0	0.0
100	64QAM	1	1		22.04		24.0	0.0
100	256QAM	1	1		22.10		24.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.13	22.17	22.10	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.14	22.19	22.10	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.15	22.14	22.15	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.13	22.11	22.20	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.14	22.12	22.11	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.15	22.14	22.18	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.18	22.13	22.13	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.13	22.20	22.09	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.14	22.15	22.15	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.11	22.19	22.12	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.16	22.21	22.16	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.10		21.0	0.0
100	PI/2 BPSK	1	137		19.09			
100	PI/2 BPSK	1	271		19.03			
100	PI/2 BPSK	135	0		19.07		21.0	0.0
100	PI/2 BPSK	135	69		19.04		21.0	0.0
100	PI/2 BPSK	135	138		19.09		21.0	0.0
100	PI/2 BPSK	270	0		19.01			
100	QPSK	1	1		19.13		21.0	0.0
100	QPSK	1	137		19.06			
100	QPSK	1	271		19.03			
100	QPSK	135	0		19.11		21.0	0.0
100	QPSK	135	69		19.12		21.0	0.0
100	QPSK	135	138		19.05		21.0	0.0
100	QPSK	270	0		19.11			
100	16QAM	1	1		19.04		21.0	0.0
100	64QAM	1	1		19.03		21.0	0.0
100	256QAM	1	1		19.03		21.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.11	19.05	19.01	21.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.10	19.06	19.05	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.09	19.07	19.09	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.04	19.07	19.08	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.06	19.09	19.09	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.09	19.03	19.02	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.07	19.04	19.08	21.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.05	19.05	19.08	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.06	19.08	19.08	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.04	19.03	19.05	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.02	19.01	19.03	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.21		24.0	0.0
100	PI/2 BPSK	1	137		22.18			
100	PI/2 BPSK	1	271		22.21			
100	PI/2 BPSK	135	0		22.11		24.0	0.0
100	PI/2 BPSK	135	69		22.16		24.0	0.0
100	PI/2 BPSK	135	138		22.07		24.0	0.0
100	PI/2 BPSK	270	0		22.15			
100	QPSK	1	1		22.22		24.0	0.0
100	QPSK	1	137		22.21			
100	QPSK	1	271		22.07			
100	QPSK	135	0		22.06		24.0	0.0
100	QPSK	135	69		22.18		24.0	0.0
100	QPSK	135	138		22.10		24.0	0.0
100	QPSK	270	0		22.15			
100	16QAM	1	1		22.05		24.0	0.0
100	64QAM	1	1		22.07		24.0	0.0
100	256QAM	1	1		22.21		24.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.14	22.17	22.18	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.11	22.17	22.09	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.19	22.14	22.13	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.11	22.19	22.12	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.10	22.09	22.18	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.18	22.16	22.18	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.10	22.14	22.09	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.20	22.18	22.16	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.16	22.10	22.12	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.15	22.13	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	22.15	22.08	22.14	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.15		21.0	0.0
100	PI/2 BPSK	1	137		19.12			
100	PI/2 BPSK	1	271		19.11			
100	PI/2 BPSK	135	0		19.17		21.0	0.0
100	PI/2 BPSK	135	69		19.06		21.0	0.0
100	PI/2 BPSK	135	138		19.19		21.0	0.0
100	PI/2 BPSK	270	0		19.12			
100	QPSK	1	1		19.25		21.0	0.0
100	QPSK	1	137		19.18			
100	QPSK	1	271		19.12			
100	QPSK	135	0		19.20		21.0	0.0
100	QPSK	135	69		19.22		21.0	0.0
100	QPSK	135	138		19.07		21.0	0.0
100	QPSK	270	0		19.19			
100	16QAM	1	1		19.16		21.0	0.0
100	64QAM	1	1		19.11		21.0	0.0
100	256QAM	1	1		19.14		21.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.21	19.22	19.20	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.19	19.22	19.12	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.16	19.21	19.19	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.12	19.16	19.15	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.13	19.13	19.16	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.13	19.20	19.13	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.17	19.20	19.16	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.23	19.16	19.16	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.14	19.13	19.14	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.18	19.14	19.14	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.15	19.21	19.14	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.31		24.0	0.0
100	PI/2 BPSK	1	137		22.27			
100	PI/2 BPSK	1	271		22.31			
100	PI/2 BPSK	135	0		22.20		24.0	0.0
100	PI/2 BPSK	135	69		22.20		24.0	0.0
100	PI/2 BPSK	135	138		22.10		24.0	0.0
100	PI/2 BPSK	270	0		22.16			
100	QPSK	1	1		22.32		24.0	0.0
100	QPSK	1	137		22.25			
100	QPSK	1	271		22.16			
100	QPSK	135	0		22.15		24.0	0.0
100	QPSK	135	69		22.23		24.0	0.0
100	QPSK	135	138		22.11		24.0	0.0
100	QPSK	270	0		22.17			
100	16QAM	1	1		22.06		24.0	0.0
100	64QAM	1	1		22.11		24.0	0.0
100	256QAM	1	1		22.22		24.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.21	22.24	22.30	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.21	22.23	22.25	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.29	22.26	22.30	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.20	22.28	22.21	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.20	22.24	22.22	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.26	22.20	22.22	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.19	22.28	22.26	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.28	22.29	22.25	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.26	22.20	22.19	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.25	22.21	22.27	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.28	22.25	22.22	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.95	20.99	20.85	22.7	0.0
100	PI/2 BPSK	1	137	20.85	20.96	20.97		
100	PI/2 BPSK	1	271	20.94	20.97	20.87		
100	PI/2 BPSK	135	0	20.90	20.85	20.75	22.7	0.0
100	PI/2 BPSK	135	69	20.95	20.86	20.97	22.7	0.0
100	PI/2 BPSK	135	138	20.88	20.89	20.82	22.7	0.0
100	PI/2 BPSK	270	0	20.79	20.95	20.75		
100	QPSK	1	1	20.96	21.01	20.90	22.7	0.0
100	QPSK	1	137	20.95	20.89	20.89		
100	QPSK	1	271	20.86	20.94	20.89		
100	QPSK	135	0	20.80	20.93	20.82	22.7	0.0
100	QPSK	135	69	20.90	20.95	20.85	22.7	0.0
100	QPSK	135	138	20.79	20.92	20.81	22.7	0.0
100	QPSK	270	0	20.88	20.93	20.81		
100	16QAM	1	1	20.86	20.89	20.82	22.7	0.0
100	64QAM	1	1	20.02	20.09	19.89	21.7	1.0
100	256QAM	1	1	18.04	17.94	17.94	19.7	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.90	20.96	20.73	22.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.82	20.92	20.81	22.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.82	20.95	20.80	22.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.86	20.93	20.85	22.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.85	20.89	20.77	22.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.83	20.90	20.82	22.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.79	20.90	20.73	22.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.78	20.86	20.80	22.7	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.79	20.86	20.77	22.7	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.85	20.86	20.76	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.57	22.61	22.47	23.0	0.0
100	PI/2 BPSK	1	137	22.47	22.58	22.59		
100	PI/2 BPSK	1	271	22.56	22.59	22.49		
100	PI/2 BPSK	135	0	22.09	22.11	22.20	23.0	0.0
100	PI/2 BPSK	135	69	22.57	22.48	22.59	23.0	0.0
100	PI/2 BPSK	135	138	22.13	22.10	22.10	23.0	0.0
100	PI/2 BPSK	270	0	22.09	22.13	22.10		
100	QPSK	1	1	22.58	22.63	22.52	23.0	0.0
100	QPSK	1	137	22.57	22.51	22.51		
100	QPSK	1	271	22.48	22.56	22.51		
100	QPSK	135	0	21.70	21.61	21.64	22.5	0.5
100	QPSK	135	69	22.52	22.57	22.47	23.0	0.0
100	QPSK	135	138	21.60	21.61	21.63	22.5	0.5
100	QPSK	270	0	21.70	21.72	21.67		
100	16QAM	1	1	21.62	21.61	21.62	22.5	0.5
100	64QAM	1	1	20.13	20.14	20.21	21.0	2.0
100	256QAM	1	1	18.15	18.12	18.19	19.0	4.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.48	22.58	22.47	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.51	22.58	22.41	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.56	22.52	22.43	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	22.44	22.52	22.45	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.45	22.59	22.43	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	22.48	22.49	22.39	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	22.48	22.60	22.46	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.41	22.51	22.46	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.45	22.55	22.45	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	22.42	22.59	22.47	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.74	14.27	14.01	14.8	0.0
40	PI/2 BPSK	1	53	13.68	14.22	14.04		
40	PI/2 BPSK	1	104	13.70	14.21	14.03		
40	PI/2 BPSK	50	0	13.40	13.84	13.58	14.8	0.0
40	PI/2 BPSK	50	28	13.86	14.24	13.93	14.8	0.0
40	PI/2 BPSK	50	56	13.36	13.86	13.44	14.8	0.0
40	PI/2 BPSK	100	0	13.45	13.82	13.50		
40	QPSK	1	1	14.21	14.29	14.15	14.8	0.0
40	QPSK	1	53	13.79	14.25	14.01		
40	QPSK	1	104	13.76	14.23	13.92		
40	QPSK	50	0	13.97	14.11	14.01	14.8	0.0
40	QPSK	50	28	14.08	14.13	14.05	14.8	0.0
40	QPSK	50	56	14.04	14.08	14.02	14.8	0.0
40	QPSK	100	0	13.97	14.12	14.01		
40	16QAM	1	1	13.93	14.05	13.95	14.8	0.0
40	64QAM	1	1	14.16	14.17	14.01	14.8	0.0
40	256QAM	1	1	14.07	14.22	14.05	14.8	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.13	14.26	14.02	14.8	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.18	14.26	14.09	14.8	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.18	14.21	14.09	14.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.99	14.08	14.11	14.8	0.0
100	PI/2 BPSK	1	137	14.15	14.13	14.06		
100	PI/2 BPSK	1	271	14.12	14.13	13.99		
100	PI/2 BPSK	135	0	13.70	13.69	13.62	14.8	0.0
100	PI/2 BPSK	135	69	14.15	14.10	13.98	14.8	0.0
100	PI/2 BPSK	135	138	13.66	13.73	13.51	14.8	0.0
100	PI/2 BPSK	270	0	13.66	13.65	13.56		
100	QPSK	1	1	14.15	14.18	14.11	14.8	0.0
100	QPSK	1	137	14.10	14.14	14.06		
100	QPSK	1	271	14.02	14.10	14.02		
100	QPSK	135	0	14.02	14.08	14.00	14.8	0.0
100	QPSK	135	69	14.10	14.17	14.15	14.8	0.0
100	QPSK	135	138	14.07	14.09	13.97	14.8	0.0
100	QPSK	270	0	14.05	14.08	14.05		
100	16QAM	1	1	14.08	14.11	14.08	14.8	0.0
100	64QAM	1	1	14.02	14.06	14.01	14.8	0.0
100	256QAM	1	1	14.08	14.12	14.09	14.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.04	14.10	14.00	14.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.01	14.12	14.00	14.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.08	14.14	14.02	14.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.11	14.04	14.05	14.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.09	14.14	14.03	14.8	0.0
Channel				649000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.11	14.08	14.08	14.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.02	14.15	14.04	14.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.06	14.15	14.05	14.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.04	14.07	14.04	14.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.06	14.09	13.97	14.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.03	14.09	13.98	14.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.96	17.11	17.16	17.8	0.0
100	PI/2 BPSK	1	137	17.14	17.17	17.03		
100	PI/2 BPSK	1	271	17.17	17.16	16.99		
100	PI/2 BPSK	135	0	16.68	16.64	16.62	17.8	0.0
100	PI/2 BPSK	135	69	17.11	17.10	17.03	17.8	0.0
100	PI/2 BPSK	135	138	16.66	16.73	16.46	17.8	0.0
100	PI/2 BPSK	270	0	16.68	16.65	16.50		
100	QPSK	1	1	17.19	17.28	17.05	17.8	0.0
100	QPSK	1	137	17.09	17.19	17.06		
100	QPSK	1	271	17.04	17.15	16.99		
100	QPSK	135	0	16.97	17.08	17.01	17.8	0.0
100	QPSK	135	69	17.15	17.20	17.18	17.8	0.0
100	QPSK	135	138	17.08	17.06	16.96	17.8	0.0
100	QPSK	270	0	17.04	17.12	17.01		
100	16QAM	1	1	17.04	17.12	17.09	17.8	0.0
100	64QAM	1	1	17.00	17.02	16.95	17.8	0.0
100	256QAM	1	1	17.07	17.17	17.05	17.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.07	17.20	17.00	17.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.06	17.15	17.01	17.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.10	17.15	16.94	17.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.11	17.25	16.97	17.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.09	17.22	16.95	17.8	0.0
Channel				649000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.13	17.18	16.92	17.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.13	17.24	16.96	17.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.15	17.22	16.98	17.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.07	17.24	16.95	17.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.09	17.22	16.91	17.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.08	17.24	16.99	17.8	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.20		14.8	0.0
100	PI/2 BPSK	1	137		14.24			
100	PI/2 BPSK	1	271		14.22			
100	PI/2 BPSK	135	0		13.82		14.8	0.0
100	PI/2 BPSK	135	69		14.13		14.8	0.0
100	PI/2 BPSK	135	138		13.77		14.8	0.0
100	PI/2 BPSK	270	0		13.73			
100	QPSK	1	1		14.32		14.8	0.0
100	QPSK	1	137		14.26			
100	QPSK	1	271		14.12			
100	QPSK	135	0		14.18		14.8	0.0
100	QPSK	135	69		14.20		14.8	0.0
100	QPSK	135	138		14.16		14.8	0.0
100	QPSK	270	0		14.18			
100	16QAM	1	1		14.23		14.8	0.0
100	64QAM	1	1		14.08		14.8	0.0
100	256QAM	1	1		14.24		14.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.23	14.24	14.24	14.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.20	14.22	14.22	14.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.20	14.24	14.21	14.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.20	14.25	14.24	14.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.22	14.27	14.21	14.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.22	14.20	14.26	14.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.30	14.23	14.22	14.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.29	14.26	14.21	14.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.25	14.22	14.24	14.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.30	14.22	14.27	14.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.19	14.27	14.21	14.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.15		17.8	0.0
100	PI/2 BPSK	1	137		17.30			
100	PI/2 BPSK	1	271		17.23			
100	PI/2 BPSK	135	0		16.86		17.8	0.0
100	PI/2 BPSK	135	69		17.15		17.8	0.0
100	PI/2 BPSK	135	138		16.75		17.8	0.0
100	PI/2 BPSK	270	0		16.78			
100	QPSK	1	1		17.32		17.8	0.0
100	QPSK	1	137		17.21			
100	QPSK	1	271		17.17			
100	QPSK	135	0		17.21		17.8	0.0
100	QPSK	135	69		17.29		17.8	0.0
100	QPSK	135	138		17.20		17.8	0.0
100	QPSK	270	0		17.17			
100	16QAM	1	1		17.25		17.8	0.0
100	64QAM	1	1		17.13		17.8	0.0
100	256QAM	1	1		17.27		17.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.19	17.24	17.26	17.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.27	17.27	17.29	17.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.27	17.18	17.28	17.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.22	17.28	17.25	17.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.26	17.24	17.20	17.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.22	17.23	17.22	17.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.21	17.23	17.23	17.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.22	17.18	17.21	17.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.20	17.19	17.25	17.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.24	17.27	17.28	17.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.19	17.23	17.22	17.8	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.06		14.8	0.0
100	PI/2 BPSK	1	137		14.15			
100	PI/2 BPSK	1	271		14.15			
100	PI/2 BPSK	135	0		13.78		14.8	0.0
100	PI/2 BPSK	135	69		14.07		14.8	0.0
100	PI/2 BPSK	135	138		13.73		14.8	0.0
100	PI/2 BPSK	270	0		13.60			
100	QPSK	1	1		14.20		14.8	0.0
100	QPSK	1	137		14.13			
100	QPSK	1	271		13.98			
100	QPSK	135	0		14.04		14.8	0.0
100	QPSK	135	69		14.15		14.8	0.0
100	QPSK	135	138		14.10		14.8	0.0
100	QPSK	270	0		14.09			
100	16QAM	1	1		14.11		14.8	0.0
100	64QAM	1	1		13.98		14.8	0.0
100	256QAM	1	1		14.14		14.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.12	14.07	14.14	14.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.11	14.15	14.13	14.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.15	14.13	14.13	14.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.13	14.16	14.11	14.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.13	14.10	14.14	14.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.17	14.17	14.11	14.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.12	14.16	14.14	14.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.08	14.11	14.09	14.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.08	14.07	14.15	14.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.17	14.11	14.06	14.8	0.0
Channel				14	14	14	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				14.08	14.1	14.17		
10	QPSK	1	1	14.13	14.08	14.07	14.8	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.12		17.8	0.0
100	PI/2 BPSK	1	137		17.16			
100	PI/2 BPSK	1	271		17.10			
100	PI/2 BPSK	135	0		16.79		17.8	0.0
100	PI/2 BPSK	135	69		17.07		17.8	0.0
100	PI/2 BPSK	135	138		16.64		17.8	0.0
100	PI/2 BPSK	270	0		16.67			
100	QPSK	1	1		17.20		17.8	0.0
100	QPSK	1	137		17.10			
100	QPSK	1	271		17.10			
100	QPSK	135	0		17.13		17.8	0.0
100	QPSK	135	69		17.19		17.8	0.0
100	QPSK	135	138		17.11		17.8	0.0
100	QPSK	270	0		17.07			
100	16QAM	1	1		17.12		17.8	0.0
100	64QAM	1	1		17.04		17.8	0.0
100	256QAM	1	1		17.17		17.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.13	17.17	17.06	17.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.18	17.08	17.16	17.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.15	17.17	17.17	17.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.13	17.13	17.07	17.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.17	17.13	17.18	17.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.14	17.09	17.15	17.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.15	17.12	17.17	17.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.09	17.14	17.18	17.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.14	17.11	17.07	17.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.14	17.17	17.07	17.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.13	17.10	17.17	17.8	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.16		14.8	0.0
100	PI/2 BPSK	1	137		14.21			
100	PI/2 BPSK	1	271		14.19			
100	PI/2 BPSK	135	0		13.78		14.8	0.0
100	PI/2 BPSK	135	69		14.00		14.8	0.0
100	PI/2 BPSK	135	138		13.73		14.8	0.0
100	PI/2 BPSK	270	0		13.64			
100	QPSK	1	1		14.28		14.8	0.0
100	QPSK	1	137		14.17			
100	QPSK	1	271		14.04			
100	QPSK	135	0		14.12		14.8	0.0
100	QPSK	135	69		14.15		14.8	0.0
100	QPSK	135	138		14.13		14.8	0.0
100	QPSK	270	0		14.05			
100	16QAM	1	1		14.09		14.8	0.0
100	64QAM	1	1		13.97		14.8	0.0
100	256QAM	1	1		14.20		14.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.23	14.21	14.21	14.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.22	14.19	14.19	14.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.17	14.22	14.18	14.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.18	14.14	14.15	14.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.18	14.15	14.22	14.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.22	14.16	14.18	14.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.15	14.22	14.22	14.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.20	14.21	14.15	14.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.21	14.25	14.16	14.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.16	14.16	14.17	14.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.25	14.21	14.16	14.8	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.10		17.8	0.0
100	PI/2 BPSK	1	137		17.21			
100	PI/2 BPSK	1	271		17.20			
100	PI/2 BPSK	135	0		16.78		17.8	0.0
100	PI/2 BPSK	135	69		17.02		17.8	0.0
100	PI/2 BPSK	135	138		16.65		17.8	0.0
100	PI/2 BPSK	270	0		16.66			
100	QPSK	1	1		17.22		17.8	0.0
100	QPSK	1	137		17.08			
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.14		17.8	0.0
100	QPSK	135	69		17.21		17.8	0.0
100	QPSK	135	138		17.18		17.8	0.0
100	QPSK	270	0		17.03			
100	16QAM	1	1		17.21		17.8	0.0
100	64QAM	1	1		17.01		17.8	0.0
100	256QAM	1	1		17.19		17.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.14	17.16	17.09	17.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.07	17.10	17.17	17.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.17	17.06	17.17	17.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.09	17.07	17.09	17.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.16	17.11	17.12	17.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.08	17.16	17.10	17.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.07	17.15	17.13	17.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.07	17.06	17.13	17.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.12	17.13	17.14	17.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.13	17.15	17.12	17.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.17	17.09	17.12	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.01	15.01	14.96	15.6	0.0
40	PI/2 BPSK	1	53	15.02	15.11	15.07		
40	PI/2 BPSK	1	104	14.97	15.09	15.07		
40	PI/2 BPSK	50	0	14.50	14.79	14.59	15.6	0.0
40	PI/2 BPSK	50	28	14.99	15.11	15.04	15.6	0.0
40	PI/2 BPSK	50	56	14.61	14.68	14.62	15.6	0.0
40	PI/2 BPSK	100	0	14.59	14.68	14.63		
40	QPSK	1	1	15.03	15.15	15.07	15.6	0.0
40	QPSK	1	53	15.07	15.06	14.96		
40	QPSK	1	104	14.92	15.12	15.07		
40	QPSK	50	0	14.89	14.80	14.91	15.6	0.0
40	QPSK	50	28	14.93	15.07	14.95	15.6	0.0
40	QPSK	50	56	14.85	14.83	14.82	15.6	0.0
40	QPSK	100	0	14.77	14.87	14.83		
40	16QAM	1	1	14.96	14.99	14.90	15.6	0.0
40	64QAM	1	1	14.95	15.11	14.98	15.6	0.0
40	256QAM	1	1	15.01	15.11	14.98	15.6	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.90	15.01	14.93	15.6	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	15.01	15.09	14.97	15.6	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.90	15.05	15.04	15.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.92	14.99	14.93	16.0	0.0
100	PI/2 BPSK	1	137	14.93	15.07	15.02		
100	PI/2 BPSK	1	271	14.86	15.05	15.00		
100	PI/2 BPSK	135	0	14.42	14.75	14.50	16.0	0.0
100	PI/2 BPSK	135	69	14.94	15.05	14.92	16.0	0.0
100	PI/2 BPSK	135	138	14.54	14.63	14.60	16.0	0.0
100	PI/2 BPSK	270	0	14.55	14.58	14.58		
100	QPSK	1	1	14.96	15.11	14.99	16.0	0.0
100	QPSK	1	137	15.01	14.94	14.87		
100	QPSK	1	271	14.88	15.02	15.00		
100	QPSK	135	0	14.80	14.74	14.87	16.0	0.0
100	QPSK	135	69	14.84	15.01	14.86	16.0	0.0
100	QPSK	135	138	14.82	14.72	14.73	16.0	0.0
100	QPSK	270	0	14.67	14.83	14.72		
100	16QAM	1	1	14.93	14.87	14.77	16.0	0.0
100	64QAM	1	1	14.84	15.05	14.86	16.0	0.0
100	256QAM	1	1	14.90	14.97	14.92	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.93	15.06	14.89	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.82	15.05	14.87	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.83	14.99	14.86	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.83	15.07	14.88	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.93	15.00	14.90	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.88	15.04	14.85	16.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.86	14.99	14.86	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.87	15.01	14.91	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.92	15.02	14.93	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.89	15.05	14.93	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.83	15.08	14.87	16.0	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	17.98	18.01	18.02	19.0	0.0
100	PI/2 BPSK	1	137	18.02	17.92	17.94		
100	PI/2 BPSK	1	271	17.93	17.99	17.93		
100	PI/2 BPSK	135	0	17.96	17.93	17.94	19.0	0.0
100	PI/2 BPSK	135	69	17.98	17.96	17.95	19.0	0.0
100	PI/2 BPSK	135	138	18.02	18.03	17.99	19.0	0.0
100	PI/2 BPSK	270	0	17.96	17.95	17.96		
100	QPSK	1	1	17.91	18.07	17.91	19.0	0.0
100	QPSK	1	137	18.00	18.01	18.02		
100	QPSK	1	271	18.02	18.03	17.99		
100	QPSK	135	0	18.00	18.01	17.95	19.0	0.0
100	QPSK	135	69	17.97	18.03	17.92	19.0	0.0
100	QPSK	135	138	18.00	17.92	17.98	19.0	0.0
100	QPSK	270	0	17.94	17.96	17.92		
100	16QAM	1	1	17.99	17.92	18.01	19.0	0.0
100	64QAM	1	1	17.99	17.98	17.98	19.0	0.0
100	256QAM	1	1	16.85	17.08	16.97	18.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.85	17.98	17.78	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.75	18.00	17.84	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.85	18.02	17.77	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.86	17.97	17.86	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.78	18.02	17.83	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.77	18.00	17.75	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.82	18.02	17.82	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.84	17.95	17.81	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.84	17.94	17.85	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.76	17.93	17.86	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.83	17.98	17.86	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.57		16.0	0.0
100	PI/2 BPSK	1	137		14.50			
100	PI/2 BPSK	1	271		14.49			
100	PI/2 BPSK	135	0		14.51		16.0	0.0
100	PI/2 BPSK	135	69		14.55		16.0	0.0
100	PI/2 BPSK	135	138		14.56		16.0	0.0
100	PI/2 BPSK	270	0		14.53			
100	QPSK	1	1		14.65		16.0	0.0
100	QPSK	1	137		14.52			
100	QPSK	1	271		14.57			
100	QPSK	135	0		14.55		16.0	0.0
100	QPSK	135	69		14.57		16.0	0.0
100	QPSK	135	138		14.50		16.0	0.0
100	QPSK	270	0		14.58			
100	16QAM	1	1		14.58		16.0	0.0
100	64QAM	1	1		14.60		16.0	0.0
100	256QAM	1	1		14.53		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.54	14.59	14.57	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.49	14.60	14.57	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.50	14.59	14.53	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.57	14.57	14.59	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.59	14.52	14.52	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.52	14.51	14.50	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.51	14.56	14.56	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.59	14.60	14.55	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.53	14.49	14.54	16.0	0.0
Channel				630502	633334	638168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.59	14.58	14.50	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.49	14.58	14.53	16.0	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.53		19.0	0.0
100	PI/2 BPSK	1	137		17.51			
100	PI/2 BPSK	1	271		17.57			
100	PI/2 BPSK	135	0		17.57		19.0	0.0
100	PI/2 BPSK	135	69		17.55		19.0	0.0
100	PI/2 BPSK	135	138		17.52		19.0	0.0
100	PI/2 BPSK	270	0		17.53			
100	QPSK	1	1		17.63		19.0	0.0
100	QPSK	1	137		17.58			
100	QPSK	1	271		17.56			
100	QPSK	135	0		17.53		19.0	0.0
100	QPSK	135	69		17.57		19.0	0.0
100	QPSK	135	138		17.52		19.0	0.0
100	QPSK	270	0		17.57			
100	16QAM	1	1		17.50		19.0	0.0
100	64QAM	1	1		17.50		19.0	0.0
100	256QAM	1	1		17.52		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.47	17.55	17.54	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.51	17.55	17.48	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.57	17.55	17.56	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.56	17.57	17.55	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.55	17.56	17.48	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.48	17.54	17.59	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.58	17.50	17.55	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.47	17.47	17.50	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.58	17.53	17.58	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.55	17.59	17.57	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.54	17.53	17.53	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.80		16.0	0.0
100	PI/2 BPSK	1	137		14.90			
100	PI/2 BPSK	1	271		14.84			
100	PI/2 BPSK	135	0		14.44		16.0	0.0
100	PI/2 BPSK	135	69		14.82		16.0	0.0
100	PI/2 BPSK	135	138		14.53		16.0	0.0
100	PI/2 BPSK	270	0		14.47			
100	QPSK	1	1		14.94		16.0	0.0
100	QPSK	1	137		14.82			
100	QPSK	1	271		14.88			
100	QPSK	135	0		14.77		16.0	0.0
100	QPSK	135	69		14.78		16.0	0.0
100	QPSK	135	138		14.57		16.0	0.0
100	QPSK	270	0		14.63			
100	16QAM	1	1		14.72		16.0	0.0
100	64QAM	1	1		14.80		16.0	0.0
100	256QAM	1	1		14.87		16.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.81	14.83	14.72	16.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.77	14.71	14.75	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.76	14.76	14.72	16.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.78	14.72	14.76	16.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.78	14.78	14.80	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.71	14.78	14.78	16.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.74	14.73	14.74	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.74	14.79	14.74	16.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.73	14.81	14.74	16.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.73	14.78	14.82	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.78	14.76	14.73	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.05		19.0	0.0
100	PI/2 BPSK	1	137		18.06			
100	PI/2 BPSK	1	271		18.11			
100	PI/2 BPSK	135	0		17.98		19.0	0.0
100	PI/2 BPSK	135	69		18.04		19.0	0.0
100	PI/2 BPSK	135	138		18.15		19.0	0.0
100	PI/2 BPSK	270	0		18.08			
100	QPSK	1	1		18.18		19.0	0.0
100	QPSK	1	137		18.05			
100	QPSK	1	271		18.12			
100	QPSK	135	0		18.12		19.0	0.0
100	QPSK	135	69		18.13		19.0	0.0
100	QPSK	135	138		17.98		19.0	0.0
100	QPSK	270	0		18.04			
100	16QAM	1	1		17.98		19.0	0.0
100	64QAM	1	1		18.06		19.0	0.0
100	256QAM	1	1		17.17		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.03	18.08	18.11	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.07	18.13	18.08	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.07	18.05	18.02	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.06	18.11	18.11	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.07	18.04	18.04	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.04	18.05	18.11	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.13	18.05	18.06	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.10	18.09	18.02	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.03	18.05	18.08	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.04	18.07	18.13	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.09	18.08	18.07	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.43		16.0	0.0
100	PI/2 BPSK	1	137		14.35			
100	PI/2 BPSK	1	271		14.40			
100	PI/2 BPSK	135	0		14.45		16.0	0.0
100	PI/2 BPSK	135	69		14.41		16.0	0.0
100	PI/2 BPSK	135	138		14.48		16.0	0.0
100	PI/2 BPSK	270	0		14.43			
100	QPSK	1	1		14.58		16.0	0.0
100	QPSK	1	137		14.43			
100	QPSK	1	271		14.48			
100	QPSK	135	0		14.40		16.0	0.0
100	QPSK	135	69		14.52		16.0	0.0
100	QPSK	135	138		14.46		16.0	0.0
100	QPSK	270	0		14.48			
100	16QAM	1	1		14.49		16.0	0.0
100	64QAM	1	1		14.55		16.0	0.0
100	256QAM	1	1		14.39		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.51	14.49	14.44	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.42	14.48	14.51	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.44	14.42	14.47	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.46	14.51	14.43	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.52	14.47	14.44	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.47	14.51	14.53	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.43	14.46	14.46	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.49	14.52	14.52	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.44	14.54	14.50	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.53	14.53	14.44	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.46	14.52	14.46	16.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.86		19.0	0.0
100	PI/2 BPSK	1	137		17.77			
100	PI/2 BPSK	1	271		17.81			
100	PI/2 BPSK	135	0		17.83		19.0	0.0
100	PI/2 BPSK	135	69		17.84		19.0	0.0
100	PI/2 BPSK	135	138		17.76		19.0	0.0
100	PI/2 BPSK	270	0		17.81			
100	QPSK	1	1		17.88		19.0	0.0
100	QPSK	1	137		17.86			
100	QPSK	1	271		17.86			
100	QPSK	135	0		17.81		19.0	0.0
100	QPSK	135	69		17.86		19.0	0.0
100	QPSK	135	138		17.81		19.0	0.0
100	QPSK	270	0		17.87			
100	16QAM	1	1		17.85		19.0	0.0
100	64QAM	1	1		17.76		19.0	0.0
100	256QAM	1	1		17.84		19.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.82	17.84	17.83	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.77	17.75	17.79	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.78	17.79	17.80	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.80	17.73	17.78	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.73	17.81	17.78	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.73	17.78	17.72	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.80	17.80	17.83	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.77	17.74	17.82	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.84	17.82	17.77	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.79	17.73	17.73	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.81	17.77	17.76	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.24	23.32	23.20	24.0	0.0
100	PI/2 BPSK	1	137	23.34	23.47	23.39		
100	PI/2 BPSK	1	271	23.32	23.40	23.31		
100	PI/2 BPSK	135	0	23.25	23.36	23.30	24.0	0.0
100	PI/2 BPSK	135	69	23.33	23.46	23.33	24.0	0.0
100	PI/2 BPSK	135	138	23.43	23.47	23.37	24.0	0.0
100	PI/2 BPSK	270	0	23.36	23.43	23.37		
100	QPSK	1	1	23.27	23.53	23.30	24.0	0.0
100	QPSK	1	137	23.38	23.40	23.33		
100	QPSK	1	271	23.40	23.47	23.44		
100	QPSK	135	0	23.25	23.34	23.26	24.0	0.0
100	QPSK	135	69	23.37	23.45	23.38	24.0	0.0
100	QPSK	135	138	23.31	23.43	23.38	24.0	0.0
100	QPSK	270	0	23.27	23.39	23.32		
100	16QAM	1	1	23.07	23.21	23.13	24.0	0.0
100	64QAM	1	1	23.03	23.15	23.03	24.0	0.0
100	256QAM	1	1	22.80	22.84	22.78	23.0	1.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.14	23.43	23.16	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.98		
80	QPSK	1	1	23.21	23.42	23.27	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.24	23.51	23.26	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	23.14	23.46	23.17	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.21	23.47	23.21	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	23.14	23.50	23.26	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	23.24	23.45	23.22	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.15	23.50	23.23	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.22	23.47	23.23	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	23.17	23.45	23.16	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.22	26.26	26.19	27.0	0.0
100	PI/2 BPSK	1	137	26.30	26.33	26.21		
100	PI/2 BPSK	1	271	26.23	26.31	26.18		
100	PI/2 BPSK	135	0	26.19	26.30	26.22	27.0	0.0
100	PI/2 BPSK	135	69	26.20	26.25	26.19	27.0	0.0
100	PI/2 BPSK	135	138	26.32	26.35	26.29	27.0	0.0
100	PI/2 BPSK	270	0	26.29	26.37	26.34		
100	QPSK	1	1	26.16	26.38	26.11	27.0	0.0
100	QPSK	1	137	26.18	26.31	26.18		
100	QPSK	1	271	26.25	26.34	26.24		
100	QPSK	135	0	25.87	26.00	25.98	27.0	0.0
100	QPSK	135	69	26.26	26.34	26.24	27.0	0.0
100	QPSK	135	138	26.22	26.26	26.22	27.0	0.0
100	QPSK	270	0	25.22	25.34	25.25		
100	16QAM	1	1	25.79	25.88	25.79	26.0	1.0
100	64QAM	1	1	24.40	24.44	24.30	25.0	2.0
100	256QAM	1	1	22.78	22.80	22.73	23.0	4.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.03	26.26	26.06	27.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.98		
80	QPSK	1	1	26.07	26.25	26.04	27.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.05	26.24	26.04	27.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	26.02	26.25	26.08	27.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.07	26.27	26.00	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	26.12	26.36	26.01	27.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.05	26.26	26.00	27.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	26.05	26.33	26.06	27.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.09	26.30	26.01	27.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	26.08	26.30	26.05	27.0	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	23.62	23.75	23.63	25.0	0.0
40	PI/2 BPSK	1	53	23.62	23.74	23.65		
40	PI/2 BPSK	1	104	23.68	23.72	23.65		
40	PI/2 BPSK	50	0	23.68	23.72	23.59	25.0	0.0
40	PI/2 BPSK	50	28	23.59	23.68	23.59	25.0	0.0
40	PI/2 BPSK	50	56	23.74	23.79	23.69	25.0	0.0
40	PI/2 BPSK	100	0	23.59	23.72	23.60		
40	QPSK	1	1	23.54	23.84	23.61	25.0	0.0
40	QPSK	1	53	23.71	23.75	23.69		
40	QPSK	1	104	23.72	23.82	23.71		
40	QPSK	50	0	23.70	23.79	23.71	25.0	0.0
40	QPSK	50	28	23.76	23.82	23.72	25.0	0.0
40	QPSK	50	56	23.69	23.77	23.63	25.0	0.0
40	QPSK	100	0	23.65	23.73	23.69		
40	16QAM	1	1	23.59	23.73	23.67	25.0	0.0
40	64QAM	1	1	22.84	22.90	22.77	24.0	1.0
40	256QAM	1	1	20.76	20.84	20.73	22.0	3.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.47	23.72	23.58	25.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.44	23.77	23.49	25.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.44	23.74	23.54	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.70	22.72	22.67	24.0	0.0
100	PI/2 BPSK	1	137	22.58	22.66	22.59		
100	PI/2 BPSK	1	271	22.62	22.67	22.61		
100	PI/2 BPSK	135	0	22.42	22.50	22.42	24.0	0.0
100	PI/2 BPSK	135	69	22.66	22.69	22.56	24.0	0.0
100	PI/2 BPSK	135	138	22.55	22.65	22.56	24.0	0.0
100	PI/2 BPSK	270	0	22.49	22.52	22.43		
100	QPSK	1	1	22.59	22.73	22.68	24.0	0.0
100	QPSK	1	137	22.58	22.65	22.54		
100	QPSK	1	271	22.61	22.65	22.52		
100	QPSK	135	0	22.52	22.58	22.56	24.0	0.0
100	QPSK	135	69	22.52	22.64	22.53	24.0	0.0
100	QPSK	135	138	22.55	22.63	22.52	24.0	0.0
100	QPSK	270	0	22.38	22.49	22.36		
100	16QAM	1	1	22.59	22.68	22.59	24.0	0.0
100	64QAM	1	1	22.50	22.54	22.49	24.0	0.0
100	256QAM	1	1	21.13	21.18	21.06	22.0	2.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.46	22.68	22.59	24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.46	22.69	22.59	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.54	22.67	22.61	24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.51	22.69	22.56	24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.52	22.64	22.58	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.51	22.67	22.65	24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.48	22.66	22.61	24.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.50	22.66	22.55	24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.56	22.70	22.55	24.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.47	22.69	22.57	24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.48	22.60	22.65	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	25.55	25.64	25.50	27.0	0.0
100	PI/2 BPSK	1	137	25.46	25.55	25.51		
100	PI/2 BPSK	1	271	25.47	25.57	25.46		
100	PI/2 BPSK	135	0	24.90	25.02	24.91	26.5	0.5
100	PI/2 BPSK	135	69	25.61	25.63	25.58	27.0	0.0
100	PI/2 BPSK	135	138	24.90	25.01	24.90	26.5	0.5
100	PI/2 BPSK	270	0	24.80	24.94	24.87		
100	QPSK	1	1	25.39	25.67	25.47	27.0	0.0
100	QPSK	1	137	25.61	25.64	25.54		
100	QPSK	1	271	25.56	25.59	25.52		
100	QPSK	135	0	24.45	24.50	24.44	26.0	1.0
100	QPSK	135	69	25.55	25.58	25.50	27.0	0.0
100	QPSK	135	138	24.38	24.51	24.38	26.0	1.0
100	QPSK	270	0	24.43	24.51	24.37		
100	16QAM	1	1	24.43	24.51	24.37	26.0	1.0
100	64QAM	1	1	23.00	23.11	22.97	24.5	2.5
100	256QAM	1	1	21.10	21.16	21.05	22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.31	25.57	25.42	27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.30	25.54	25.34	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.35	25.62	25.43	27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.31	25.55	25.36	27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.25	25.59	25.36	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.30	25.55	25.45	27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.34	25.63	25.37	27.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.36	25.58	25.42	27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.29	25.61	25.38	27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.30	25.54	25.39	27.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.35	25.60	25.36	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.31		24.0	0.0
100	PI/2 BPSK	1	137		23.38			
100	PI/2 BPSK	1	271		23.39			
100	PI/2 BPSK	135	0		23.41		24.0	0.0
100	PI/2 BPSK	135	69		23.46		24.0	0.0
100	PI/2 BPSK	135	138		23.39		24.0	0.0
100	PI/2 BPSK	270	0		23.43			
100	QPSK	1	1		23.49		24.0	0.0
100	QPSK	1	137		23.44			
100	QPSK	1	271		23.47			
100	QPSK	135	0		23.37		24.0	0.0
100	QPSK	135	69		23.45		24.0	0.0
100	QPSK	135	138		23.43		24.0	0.0
100	QPSK	270	0		23.42			
100	16QAM	1	1		23.29		24.0	0.0
100	64QAM	1	1		23.31		24.0	0.0
100	256QAM	1	1		21.72		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.42	23.44	23.36	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.39	23.46	23.45	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.43	23.44	23.36	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.36	23.47	23.38	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.37	23.44	23.38	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.37	23.42	23.46	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.38	23.45	23.39	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.38	23.43	23.41	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.37	23.46	23.43	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.40	23.36	23.45	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.43	23.45	23.42	24.0	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.21		27.0	0.0
100	PI/2 BPSK	1	137		26.14			
100	PI/2 BPSK	1	271		26.22			
100	PI/2 BPSK	135	0		25.80		26.5	0.5
100	PI/2 BPSK	135	69		26.15		27.0	0.0
100	PI/2 BPSK	135	138		25.91		26.5	0.5
100	PI/2 BPSK	270	0		25.97			
100	QPSK	1	1		26.25		27.0	0.0
100	QPSK	1	137		26.11			
100	QPSK	1	271		26.14			
100	QPSK	135	0		25.28		26.0	1.0
100	QPSK	135	69		26.15		27.0	0.0
100	QPSK	135	138		25.84		26.0	1.0
100	QPSK	270	0		25.48			
100	16QAM	1	1		25.21		26.0	1.0
100	64QAM	1	1		23.60		24.5	2.5
100	256QAM	1	1		21.93		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.19	26.15	26.18	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.18	26.21	26.20	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.15	26.13	26.13	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.16	26.12	26.21	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.12	26.21	26.19	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.20	26.20	26.13	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.19	26.13	26.22	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.22	26.22	26.16	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.11	26.16	26.18	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.19	26.14	26.21	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.15	26.21	26.11	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.96		24.0	0.0
100	PI/2 BPSK	1	137		22.86			
100	PI/2 BPSK	1	271		22.94			
100	PI/2 BPSK	135	0		22.81		24.0	0.0
100	PI/2 BPSK	135	69		22.93		24.0	0.0
100	PI/2 BPSK	135	138		22.91		24.0	0.0
100	PI/2 BPSK	270	0		22.58			
100	QPSK	1	1		22.99		24.0	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		22.97			
100	QPSK	135	0		22.83		24.0	0.0
100	QPSK	135	69		22.95		24.0	0.0
100	QPSK	135	138		22.88		24.0	0.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.68		24.0	0.0
100	64QAM	1	1		22.76		24.0	0.0
100	256QAM	1	1		21.60		22.0	2.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.86	22.88	22.91	24.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.95	22.86	22.90	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.90	22.95	22.93	24.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.87	22.97	22.91	24.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.85	22.92	22.88	24.0	0.0
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.97	22.92	22.95	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.91	22.85	22.97	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.92	22.90	22.89	24.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.96	22.88	22.88	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.97	22.91	22.96	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.92	22.92	22.88	24.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		25.91		27.0	0.0
100	PI/2 BPSK	1	137		25.89			
100	PI/2 BPSK	1	271		25.88			
100	PI/2 BPSK	135	0		25.34		26.5	0.5
100	PI/2 BPSK	135	69		25.96		27.0	0.0
100	PI/2 BPSK	135	138		25.22		26.5	0.5
100	PI/2 BPSK	270	0		25.15			
100	QPSK	1	1		25.99		27.0	0.0
100	QPSK	1	137		25.91			
100	QPSK	1	271		25.84			
100	QPSK	135	0		24.81		26.0	1.0
100	QPSK	135	69		25.95		27.0	0.0
100	QPSK	135	138		25.91		26.0	1.0
100	QPSK	270	0		24.64			
100	16QAM	1	1		25.24		26.0	1.0
100	64QAM	1	1		23.23		24.5	2.5
100	256QAM	1	1		21.41		22.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.95	25.87	25.89	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.96	25.90	25.92	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.89	25.85	25.96	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.93	25.90	25.87	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.92	25.90	25.91	27.0	0.0
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.93	25.95	25.95	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.92	25.88	25.95	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.88	25.87	25.90	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.90	25.86	25.88	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.85	25.96	25.85	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.88	25.89	25.92	27.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.34		24.0	0.0
100	PI/2 BPSK	1	137		23.35			
100	PI/2 BPSK	1	271		23.33			
100	PI/2 BPSK	135	0		23.31		24.0	0.0
100	PI/2 BPSK	135	69		23.42		24.0	0.0
100	PI/2 BPSK	135	138		23.37		24.0	0.0
100	PI/2 BPSK	270	0		23.25			
100	QPSK	1	1		23.45		24.0	0.0
100	QPSK	1	137		23.33			
100	QPSK	1	271		23.36			
100	QPSK	135	0		23.37		24.0	0.0
100	QPSK	135	69		23.41		24.0	0.0
100	QPSK	135	138		23.40		24.0	0.0
100	QPSK	270	0		23.37			
100	16QAM	1	1		23.41		24.0	0.0
100	64QAM	1	1		23.11		24.0	0.0
100	256QAM	1	1		21.78		22.0	2.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.37	23.31	23.40	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.41	23.34	23.38	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.34	23.41	23.32	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.43	23.32	23.37	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.32	23.40	23.35	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.39	23.42	23.42	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.41	23.41	23.37	24.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.37	23.34	23.39	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.35	23.33	23.35	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.37	23.31	23.36	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.33	23.42	23.36	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.31		27.0	0.0
100	PI/2 BPSK	1	137		26.23			
100	PI/2 BPSK	1	271		26.22			
100	PI/2 BPSK	135	0		25.86		26.5	0.5
100	PI/2 BPSK	135	69		26.25		27.0	0.0
100	PI/2 BPSK	135	138		25.81		26.5	0.5
100	PI/2 BPSK	270	0		25.89			
100	QPSK	1	1		26.34		27.0	0.0
100	QPSK	1	137		26.27			
100	QPSK	1	271		26.25			
100	QPSK	135	0		25.36		26.0	1.0
100	QPSK	135	69		26.30		27.0	0.0
100	QPSK	135	138		25.95		26.0	1.0
100	QPSK	270	0		25.38			
100	16QAM	1	1		25.34		26.0	1.0
100	64QAM	1	1		23.66		24.5	2.5
100	256QAM	1	1		21.63		22.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.22	26.22	26.32	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.29	26.30	26.24	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.29	26.24	26.28	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.21	26.25	26.26	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.25	26.26	26.30	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.26	26.21	26.24	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.29	26.22	26.31	27.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.28	26.23	26.30	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.27	26.31	26.28	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.27	26.22	26.25	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				26.2	26.28	26.2		
10	QPSK	1	1	26.28	26.21	26.24	27.0	0.0

Reduced Power Mode for Other PA DSI3

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.21	18.20	18.21	19.3	0.0
20	PI/2 BPSK	1	53	18.20	18.23	18.23		
20	PI/2 BPSK	1	104	18.19	18.18	18.16		
20	PI/2 BPSK	50	0	18.17	18.14	18.14	19.3	0.0
20	PI/2 BPSK	50	28	18.16	18.17	18.13	19.3	0.0
20	PI/2 BPSK	50	56	18.16	18.25	18.20	19.3	0.0
20	PI/2 BPSK	100	0	18.13	18.16	18.25		
20	QPSK	1	1	18.19	18.29	18.21	19.3	0.0
20	QPSK	1	53	18.15	18.17	18.20		
20	QPSK	1	104	18.19	18.16	18.21		
20	QPSK	50	0	18.13	18.24	18.18	19.3	0.0
20	QPSK	50	28	18.18	18.14	18.23	19.3	0.0
20	QPSK	50	56	18.21	18.21	18.14	19.3	0.0
20	QPSK	100	0	18.23	18.26	18.13		
20	16QAM	1	1	18.15	18.15	18.15	19.3	0.0
20	64QAM	1	1	18.22	18.14	18.24	19.3	0.0
20	256QAM	1	1	18.17	18.25	18.18	19.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.12	18.17	18.16	19.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.10	18.25	18.13	19.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.06	18.19	18.15	19.3	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	18.23	18.22	18.22	19.3	0.0
40	PI/2 BPSK	1	108	18.28	18.22	18.27		
40	PI/2 BPSK	1	214	18.18	18.23	18.18		
40	PI/2 BPSK	108	0	18.19	18.19	18.19	19.3	0.0
40	PI/2 BPSK	108	54	18.17	18.19	18.20	19.3	0.0
40	PI/2 BPSK	108	108	18.18	18.17	18.28	19.3	0.0
40	PI/2 BPSK	216	0	18.24	18.25	18.21		
40	QPSK	1	1	18.24	18.36	18.20	19.3	0.0
40	QPSK	1	108	18.18	18.20	18.17		
40	QPSK	1	214	18.18	18.19	18.20		
40	QPSK	108	0	18.24	18.26	18.24	19.3	0.0
40	QPSK	108	54	18.20	18.33	18.19	19.3	0.0
40	QPSK	108	108	18.21	18.20	18.17	19.3	0.0
40	QPSK	216	0	18.21	18.29	18.21		
40	16QAM	1	1	18.22	18.19	18.21	19.3	0.0
40	64QAM	1	1	18.26	18.25	18.28	19.3	0.0
40	256QAM	1	1	18.29	18.21	18.26	19.3	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	18.02	18.11	18.12	19.3	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	18.12	18.21	18.05	19.3	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	18.17	18.26	18.13	19.3	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	18.09	18.22	18.05	19.3	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	18.17	18.26	18.09	19.3	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.17	18.20	18.06	19.3	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	18.20	18.28	18.16	19.3	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.49	18.48	18.47	19.6	0.0
40	PI/2 BPSK	1	108	18.43	18.46	18.39		
40	PI/2 BPSK	1	214	18.46	18.41	18.46		
40	PI/2 BPSK	108	0	18.44	18.50	18.46	19.6	0.0
40	PI/2 BPSK	108	54	18.44	18.46	18.48	19.6	0.0
40	PI/2 BPSK	108	108	18.47	18.46	18.44	19.6	0.0
40	PI/2 BPSK	216	0	18.38	18.47	18.49		
40	QPSK	1	1	18.40	18.81	18.48	19.6	0.0
40	QPSK	1	108	18.50	18.42	18.46		
40	QPSK	1	214	18.49	18.40	18.40		
40	QPSK	108	0	18.45	18.41	18.47	19.6	0.0
40	QPSK	108	54	18.41	18.77	18.48	19.6	0.0
40	QPSK	108	108	18.40	18.40	18.44	19.6	0.0
40	QPSK	216	0	18.41	18.44	18.43		
40	16QAM	1	1	18.48	18.47	18.41	19.6	0.0
40	64QAM	1	1	18.43	18.46	18.49	19.6	0.0
40	256QAM	1	1	18.41	18.38	18.45	19.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.25	18.29	18.34	19.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.34	18.44	18.41	19.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.30	18.46	18.41	19.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.31	18.40	18.32	19.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.32	18.49	18.36	19.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.30	18.40	18.42	19.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.35	18.39	18.37	19.6	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.91	16.83	16.93	18.5	0.0
20	PI/2 BPSK	1	53	16.86	16.84	16.86		
20	PI/2 BPSK	1	104	16.90	16.93	16.90		
20	PI/2 BPSK	50	0	16.83	16.91	16.85	18.5	0.0
20	PI/2 BPSK	50	28	16.87	16.94	16.83	18.5	0.0
20	PI/2 BPSK	50	56	16.85	16.90	16.85	18.5	0.0
20	PI/2 BPSK	100	0	16.89	16.94	16.91		
20	QPSK	1	1	16.83	16.98	16.92	18.5	0.0
20	QPSK	1	53	16.94	16.86	16.84		
20	QPSK	1	104	16.86	16.88	16.84		
20	QPSK	50	0	16.82	16.86	16.90	18.5	0.0
20	QPSK	50	28	16.84	16.96	16.90	18.5	0.0
20	QPSK	50	56	16.86	16.94	16.87	18.5	0.0
20	QPSK	100	0	16.84	16.95	16.83		
20	16QAM	1	1	16.92	16.85	16.91	18.5	0.0
20	64QAM	1	1	16.88	16.87	16.87	18.5	0.0
20	256QAM	1	1	16.90	16.85	16.84	18.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	16.72	16.87	16.82	18.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	16.77	16.87	16.85	18.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.67	16.82	16.86	18.5	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	16.96	17.04	17.03	18.5	0.0
40	PI/2 BPSK	1	108	17.03	17.01	16.98		
40	PI/2 BPSK	1	214	17.04	17.04	17.05		
40	PI/2 BPSK	108	0	17.04	16.96	16.95	18.0	0.5
40	PI/2 BPSK	108	54	17.01	17.07	16.96	18.5	0.0
40	PI/2 BPSK	108	108	17.04	17.05	16.95	18.0	0.5
40	PI/2 BPSK	216	0	17.04	16.95	17.02		
40	QPSK	1	1	16.96	17.29	16.97	18.5	0.0
40	QPSK	1	108	16.98	17.02	17.04		
40	QPSK	1	214	17.03	17.07	16.98		
40	QPSK	108	0	17.01	16.97	16.99	18.5	0.0
40	QPSK	108	54	17.00	17.23	16.96	18.5	0.0
40	QPSK	108	108	16.98	16.96	17.02	18.5	0.0
40	QPSK	216	0	16.97	17.04	16.96		
40	16QAM	1	1	16.99	17.03	16.95	18.5	0.0
40	64QAM	1	1	16.98	16.98	17.00	18.5	0.0
40	256QAM	1	1	16.97	16.97	17.06	18.5	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	16.75	17.02	16.88	18.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	16.81	17.04	16.89	18.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	16.80	17.00	16.92	18.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	16.87	17.02	16.85	18.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	16.87	17.04	16.90	18.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.91	17.03	16.89	18.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	16.86	17.02	16.93	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.15	19.20	19.22	19.8	0.0
40	PI/2 BPSK	1	108	19.24	19.20	19.14		
40	PI/2 BPSK	1	214	19.17	19.16	19.14		
40	PI/2 BPSK	108	0	19.16	19.18	19.16	19.8	0.0
40	PI/2 BPSK	108	54	19.16	19.18	19.15	19.8	0.0
40	PI/2 BPSK	108	108	19.19	19.22	19.14	19.8	0.0
40	PI/2 BPSK	216	0	19.20	19.17	19.21		
40	QPSK	1	1	19.23	19.31	19.25	19.8	0.0
40	QPSK	1	108	19.17	19.23	19.25		
40	QPSK	1	214	19.20	19.19	19.14		
40	QPSK	108	0	19.21	19.16	19.21	19.8	0.0
40	QPSK	108	54	19.22	19.29	19.18	19.8	0.0
40	QPSK	108	108	19.20	19.16	19.18	19.8	0.0
40	QPSK	216	0	19.23	19.24	19.21		
40	16QAM	1	1	19.13	19.21	19.15	19.8	0.0
40	64QAM	1	1	19.18	19.19	19.16	19.8	0.0
40	256QAM	1	1	19.23	19.17	19.20	19.8	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.02	19.06	19.13	19.8	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.09	19.20	19.13	19.8	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.14	19.13	19.14	19.8	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.07	19.24	19.18	19.8	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.08	19.23	19.18	19.8	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.08	19.20	19.15	19.8	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.09	19.20	19.16	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.65	15.66	15.60	16.8	0.0
100	PI/2 BPSK	1	137	15.55	15.60	15.61		
100	PI/2 BPSK	1	271	15.64	15.59	15.63		
100	PI/2 BPSK	135	0	15.61	15.62	15.63	16.8	0.0
100	PI/2 BPSK	135	69	15.54	15.58	15.62	16.8	0.0
100	PI/2 BPSK	135	138	15.57	15.65	15.63	16.8	0.0
100	PI/2 BPSK	270	0	15.53	15.64	15.53		
100	QPSK	1	1	15.57	15.80	15.58	16.8	0.0
100	QPSK	1	137	15.66	15.60	15.56		
100	QPSK	1	271	15.55	15.65	15.64		
100	QPSK	135	0	15.55	15.65	15.59	16.8	0.0
100	QPSK	135	69	15.56	15.67	15.60	16.8	0.0
100	QPSK	135	138	15.57	15.58	15.53	16.8	0.0
100	QPSK	270	0	15.55	15.65	15.63		
100	16QAM	1	1	15.66	15.66	15.66	16.8	0.0
100	64QAM	1	1	15.53	15.55	15.63	16.8	0.0
100	256QAM	1	1	15.64	15.54	15.56	16.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.51	15.69	15.44	16.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	15.55	15.64	15.48	16.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.51	15.62	15.49	16.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.42	15.74	15.55	16.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.41	15.74	15.54	16.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.54	15.77	15.43	16.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.46	15.65	15.46	16.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.44	15.71	15.45	16.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.53	15.63	15.50	16.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.50	15.66	15.41	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.51	18.53	18.50	19.8	0.0
100	PI/2 BPSK	1	137	18.56	18.54	18.58		
100	PI/2 BPSK	1	271	18.48	18.62	18.53		
100	PI/2 BPSK	135	0	18.62	18.50	18.52	19.8	0.0
100	PI/2 BPSK	135	69	18.61	18.50	18.50	19.8	0.0
100	PI/2 BPSK	135	138	18.55	18.56	18.58	19.8	0.0
100	PI/2 BPSK	270	0	18.58	18.59	18.56		
100	QPSK	1	1	18.60	18.65	18.54	19.8	0.0
100	QPSK	1	137	18.53	18.52	18.58		
100	QPSK	1	271	18.61	18.57	18.62		
100	QPSK	135	0	18.59	18.50	18.61	19.8	0.0
100	QPSK	135	69	18.52	18.62	18.57	19.8	0.0
100	QPSK	135	138	18.61	18.58	18.48	19.8	0.0
100	QPSK	270	0	18.59	18.62	18.52		
100	16QAM	1	1	18.47	18.56	18.61	19.8	0.0
100	64QAM	1	1	18.51	18.60	18.59	19.8	0.0
100	256QAM	1	1	18.51	18.52	18.60	19.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.44	18.57	18.46	19.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.44	18.55	18.42	19.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.47	18.59	18.49	19.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.55	18.49	18.48	19.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.57	18.57	18.51	19.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.45	18.61	18.47	19.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.44	18.53	18.47	19.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.49	18.51	18.42	19.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.46	18.60	18.41	19.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.49	18.49	18.52	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.15	17.29	17.19	18.4	0.0
100	PI/2 BPSK	1	137	17.21	17.28	17.25		
100	PI/2 BPSK	1	271	17.16	17.28	17.15		
100	PI/2 BPSK	135	0	17.15	17.21	17.11	17.9	0.5
100	PI/2 BPSK	135	69	17.17	17.22	17.09	18.4	0.0
100	PI/2 BPSK	135	138	17.13	17.24	17.14	17.9	0.5
100	PI/2 BPSK	270	0	17.25	17.28	17.26		
100	QPSK	1	1	17.04	17.35	16.99	18.4	0.0
100	QPSK	1	137	17.25	17.29	17.17		
100	QPSK	1	271	17.16	17.27	17.20		
100	QPSK	135	0	17.19	17.28	17.20	17.4	1.0
100	QPSK	135	69	17.19	17.29	17.18	18.4	0.0
100	QPSK	135	138	17.14	17.19	17.11	17.4	1.0
100	QPSK	270	0	17.00	17.09	16.97		
100	16QAM	1	1	16.40	16.53	16.43	17.4	1.0
100	64QAM	1	1	14.61	14.73	14.64	15.9	2.5
100	256QAM	1	1	13.35	13.48	13.35	13.9	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.99	17.32	16.90	18.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	16.89	17.27	16.87	18.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.99	17.32	16.89	18.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.88	17.29	16.81	18.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.88	17.30	16.93	18.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.94	17.22	16.85	18.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.92	17.23	16.87	18.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.98	17.26	16.85	18.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.95	17.25	16.90	18.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.93	17.25	16.91	18.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.12	20.26	20.16	21.4	0.0
100	PI/2 BPSK	1	137	20.18	20.25	20.22		
100	PI/2 BPSK	1	271	20.13	20.25	20.12		
100	PI/2 BPSK	135	0	20.12	20.18	20.08	21.4	0.0
100	PI/2 BPSK	135	69	20.14	20.19	20.06	21.4	0.0
100	PI/2 BPSK	135	138	20.10	20.21	20.11	21.4	0.0
100	PI/2 BPSK	270	0	20.22	20.25	20.23		
100	QPSK	1	1	20.01	20.32	19.96	21.4	0.0
100	QPSK	1	137	20.22	20.26	20.14		
100	QPSK	1	271	20.13	20.24	20.17		
100	QPSK	135	0	20.16	20.25	20.17	21.4	0.0
100	QPSK	135	69	20.16	20.26	20.15	21.4	0.0
100	QPSK	135	138	20.11	20.16	20.08	21.4	0.0
100	QPSK	270	0	19.97	20.06	19.94		
100	16QAM	1	1	19.37	19.50	19.40	21.4	0.0
100	64QAM	1	1	17.58	17.70	17.61	19.9	1.5
100	256QAM	1	1	16.32	16.45	16.32	17.9	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.88	20.15	19.81	21.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	19.86	20.25	19.86	21.4	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.98	20.15	19.80	21.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.88	20.15	19.85	21.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.98	20.23	19.80	21.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.92	20.29	19.86	21.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.90	20.17	19.87	21.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.90	20.15	19.79	21.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.94	20.22	19.83	21.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.91	20.29	19.89	21.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	15.07	15.10	15.10	16.5	0.0
40	PI/2 BPSK	1	53	15.14	15.07	15.07		
40	PI/2 BPSK	1	104	15.05	15.03	15.12		
40	PI/2 BPSK	50	0	15.10	15.05	15.11	16.5	0.0
40	PI/2 BPSK	50	28	15.04	15.11	15.02	16.5	0.0
40	PI/2 BPSK	50	56	15.07	15.03	15.14	16.5	0.0
40	PI/2 BPSK	100	0	15.12	15.05	15.12		
40	QPSK	1	1	15.02	15.28	15.05	16.5	0.0
40	QPSK	1	53	15.09	15.13	15.10		
40	QPSK	1	104	15.03	15.06	15.04		
40	QPSK	50	0	15.13	15.06	15.02	16.5	0.0
40	QPSK	50	28	15.11	15.22	15.12	16.5	0.0
40	QPSK	50	56	15.11	15.08	15.03	16.5	0.0
40	QPSK	100	0	15.03	15.12	15.09		
40	16QAM	1	1	15.03	15.07	15.07	16.5	0.0
40	64QAM	1	1	15.11	15.03	15.13	16.5	0.0
40	256QAM	1	1	15.04	15.06	15.08	16.5	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.94	15.06	14.90	16.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.90	15.03	14.95	16.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.88	15.03	14.94	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.24	15.15	15.25	16.1	0.0
100	PI/2 BPSK	1	137	15.13	15.26	15.13		
100	PI/2 BPSK	1	271	15.20	15.25	15.21		
100	PI/2 BPSK	135	0	15.18	15.21	15.19	16.1	0.0
100	PI/2 BPSK	135	69	15.21	15.14	15.12	16.1	0.0
100	PI/2 BPSK	135	138	15.22	15.15	15.13	16.1	0.0
100	PI/2 BPSK	270	0	15.26	15.24	15.19		
100	QPSK	1	1	15.24	15.29	15.15	16.1	0.0
100	QPSK	1	137	15.20	15.26	15.17		
100	QPSK	1	271	15.26	15.25	15.20		
100	QPSK	135	0	15.13	15.16	15.22	16.1	0.0
100	QPSK	135	69	15.24	15.26	15.18	16.1	0.0
100	QPSK	135	138	15.19	15.24	15.19	16.1	0.0
100	QPSK	270	0	15.14	15.18	15.15		
100	16QAM	1	1	15.15	15.13	15.24	16.1	0.0
100	64QAM	1	1	15.14	15.17	15.12	16.1	0.0
100	256QAM	1	1	15.23	15.17	15.14	16.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.20	15.14	15.08	16.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.19	15.19	14.97	16.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.19	15.22	15.08	16.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.13	15.23	14.97	16.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.08	15.21	15.03	16.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.10	15.21	15.09	16.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.13	15.25	15.01	16.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.20	15.11	15.06	16.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.15	15.21	15.07	16.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.22	15.23	14.98	16.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.12	15.18	15.12	16.1	0.0

Part27O n77 PC2

BW [MHz]	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	18.10	18.02	18.10	19.1	0.0
100	PI/2 BPSK	1	137	18.00	18.09	18.13		
100	PI/2 BPSK	1	271	18.02	18.09	18.08		
100	PI/2 BPSK	135	0	18.08	18.14	18.10	19.1	0.0
100	PI/2 BPSK	135	69	18.01	18.03	18.07	19.1	0.0
100	PI/2 BPSK	135	138	18.14	18.07	18.01	19.1	0.0
100	PI/2 BPSK	270	0	18.04	18.08	18.06		
100	QPSK	1	1	18.13	18.22	18.14	19.1	0.0
100	QPSK	1	137	18.13	18.06	18.10		
100	QPSK	1	271	18.02	18.06	18.02		
100	QPSK	135	0	18.13	18.12	18.13	19.1	0.0
100	QPSK	135	69	18.03	18.14	18.02	19.1	0.0
100	QPSK	135	138	18.09	18.10	18.02	19.1	0.0
100	QPSK	270	0	18.11	18.15	18.01		
100	16QAM	1	1	17.99	18.12	18.15	19.1	0.0
100	64QAM	1	1	18.10	18.05	18.04	19.1	0.0
100	256QAM	1	1	18.15	17.99	18.13	19.1	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.92	18.08	17.95	19.1	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.00	18.09	17.98	19.1	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.00	18.03	17.94	19.1	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.01	18.06	17.96	19.1	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.96	18.13	18.05	19.1	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.00	18.12	17.96	19.1	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.98	18.01	18.02	19.1	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.94	18.14	17.94	19.1	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.01	18.10	18.05	19.1	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.04	18.02	18.01	19.1	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.99	18.11	17.95	19.1	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		15.01		16.1	0.0
100	PI/2 BPSK	1	137		15.04			
100	PI/2 BPSK	1	271		15.09			
100	PI/2 BPSK	135	0		15.13		16.1	0.0
100	PI/2 BPSK	135	69		15.09		16.1	0.0
100	PI/2 BPSK	135	138		15.12		16.1	0.0
100	PI/2 BPSK	270	0		15.10		16.1	0.0
100	QPSK	1	1		15.36		16.1	0.0
100	QPSK	1	137		15.14			
100	QPSK	1	271		15.03			
100	QPSK	135	0		15.13		16.1	0.0
100	QPSK	135	69		15.22		16.1	0.0
100	QPSK	135	138		15.14		16.1	0.0
100	QPSK	270	0		15.06		16.1	0.0
100	16QAM	1	1		15.12		16.1	0.0
100	64QAM	1	1		15.02		16.1	0.0
100	256QAM	1	1		15.14		16.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.25	15.17	15.27	16.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.17	15.27	15.26	16.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.26	15.18	15.23	16.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.19	15.27	15.16	16.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.15	15.16	15.26	16.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.14	15.22	15.23	16.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.24	15.14	15.19	16.1	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.28	15.28	15.22	16.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.15	15.27	15.17	16.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.23	15.29	15.14	16.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.24	15.18	15.29	16.1	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.07		19.1	0.0
100	PI/2 BPSK	1	137		18.01			
100	PI/2 BPSK	1	271		18.04			
100	PI/2 BPSK	135	0		18.02		19.1	0.0
100	PI/2 BPSK	135	69		18.02		19.1	0.0
100	PI/2 BPSK	135	138		18.05		19.1	0.0
100	PI/2 BPSK	270	0		17.94		19.1	0.0
100	QPSK	1	1		18.26		19.1	0.0
100	QPSK	1	137		18.03			
100	QPSK	1	271		17.97			
100	QPSK	135	0		17.98		19.1	0.0
100	QPSK	135	69		18.17		19.1	0.0
100	QPSK	135	138		18.03		19.1	0.0
100	QPSK	270	0		17.95		19.1	0.0
100	16QAM	1	1		17.95		19.1	0.0
100	64QAM	1	1		18.06		19.1	0.0
100	256QAM	1	1		17.95		19.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.04	18.16	18.07	19.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.19	18.09	18.19	19.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.11	18.05	18.05	19.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.18	18.19	18.12	19.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.19	18.07	18.13	19.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.16	18.05	18.13	19.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.12	18.08	18.12	19.1	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.04	18.16	18.07	19.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.15	18.13	18.11	19.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.16	18.05	18.18	19.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.10	18.17	18.04	19.1	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.15		16.1	0.0
100	PI/2 BPSK	1	137		15.26			
100	PI/2 BPSK	1	271		15.25			
100	PI/2 BPSK	135	0		15.21		16.1	0.0
100	PI/2 BPSK	135	69		15.14		16.1	0.0
100	PI/2 BPSK	135	138		15.15		16.1	0.0
100	PI/2 BPSK	270	0		15.24		16.1	0.0
100	QPSK	1	1		15.29		16.1	0.0
100	QPSK	1	137		15.26			
100	QPSK	1	271		15.25			
100	QPSK	135	0		15.16		16.1	0.0
100	QPSK	135	69		15.26		16.1	0.0
100	QPSK	135	138		15.24		16.1	0.0
100	QPSK	270	0		15.18		16.1	0.0
100	16QAM	1	1		15.13		16.1	0.0
100	64QAM	1	1		15.17		16.1	0.0
100	256QAM	1	1		15.17		16.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.19	15.11	15.10	16.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.16	15.13	15.17	16.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.16	15.19	15.13	16.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.19	15.07	15.20	16.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.11	15.15	15.15	16.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.08	15.21	15.14	16.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.14	15.06	15.09	16.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.21	15.20	15.14	16.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.14	15.16	15.18	16.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.09	15.11	15.14	16.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.14	15.08	15.09	16.1	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.94		19.1	0.0
100	PI/2 BPSK	1	137		17.95			
100	PI/2 BPSK	1	271		17.87			
100	PI/2 BPSK	135	0		18.03		19.1	0.0
100	PI/2 BPSK	135	69		17.91		19.1	0.0
100	PI/2 BPSK	135	138		17.97		19.1	0.0
100	PI/2 BPSK	270	0		17.87			
100	QPSK	1	1		18.06		19.1	0.0
100	QPSK	1	137		17.83			
100	QPSK	1	271		17.93			
100	QPSK	135	0		17.95		19.1	0.0
100	QPSK	135	69		18.02		19.1	0.0
100	QPSK	135	138		18.01		19.1	0.0
100	QPSK	270	0		17.98			
100	16QAM	1	1		17.92		19.1	0.0
100	64QAM	1	1		17.86		19.1	0.0
100	256QAM	1	1		17.77		19.1	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.96	17.97	17.96	19.1	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.88	17.84	17.94	19.1	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.83	17.87	17.87	19.1	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.94	17.83	17.86	19.1	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.96	17.99	17.86	19.1	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.98	17.96	17.90	19.1	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.85	17.93	17.96	19.1	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.91	17.88	17.94	19.1	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.88	17.93	17.88	19.1	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.94	17.93	17.86	19.1	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.85	17.92	17.92	19.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.88		16.1	0.0
100	PI/2 BPSK	1	137		14.88			
100	PI/2 BPSK	1	271		14.96			
100	PI/2 BPSK	135	0		14.94		16.1	0.0
100	PI/2 BPSK	135	69		14.91		16.1	0.0
100	PI/2 BPSK	135	138		14.90		16.1	0.0
100	PI/2 BPSK	270	0		14.99			
100	QPSK	1	1		15.24		16.1	0.0
100	QPSK	1	137		15.01			
100	QPSK	1	271		14.91			
100	QPSK	135	0		15.03		16.1	0.0
100	QPSK	135	69		15.04		16.1	0.0
100	QPSK	135	138		15.00		16.1	0.0
100	QPSK	270	0		14.85			
100	16QAM	1	1		14.90		16.1	0.0
100	64QAM	1	1		14.82		16.1	0.0
100	256QAM	1	1		15.00		16.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.03	15.16	15.02	16.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.16	15.05	15.07	16.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.13	15.13	15.14	16.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.16	15.17	15.03	16.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.13	15.14	15.14	16.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.13	15.14	15.12	16.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.16	15.11	15.13	16.1	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.17	15.13	15.08	16.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.07	15.11	15.11	16.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.06	15.07	15.01	16.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.06	15.03	15.05	16.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.89		19.1	0.0
100	PI/2 BPSK	1	137		17.92			
100	PI/2 BPSK	1	271		17.85			
100	PI/2 BPSK	135	0		17.84		19.1	0.0
100	PI/2 BPSK	135	69		17.87		19.1	0.0
100	PI/2 BPSK	135	138		17.93		19.1	0.0
100	PI/2 BPSK	270	0		17.73			
100	QPSK	1	1		18.13		19.1	0.0
100	QPSK	1	137		17.90			
100	QPSK	1	271		17.77			
100	QPSK	135	0		17.78		19.1	0.0
100	QPSK	135	69		18.08		19.1	0.0
100	QPSK	135	138		17.90		19.1	0.0
100	QPSK	270	0		17.76			
100	16QAM	1	1		17.81		19.1	0.0
100	64QAM	1	1		17.94		19.1	0.0
100	256QAM	1	1		17.76		19.1	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.01	18.00	17.96	19.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.96	17.92	18.04	19.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.93	18.01	17.98	19.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.04	18.00	17.99	19.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.98	18.00	18.01	19.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.90	18.00	18.05	19.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.95	17.94	17.99	19.1	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.94	17.94	17.94	19.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.92	18.02	18.03	19.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.93	17.99	17.95	19.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.93	17.97	17.97	19.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.93	20.02	19.94	21.6	0.0
100	PI/2 BPSK	1	137	20.00	20.06	19.93		
100	PI/2 BPSK	1	271	20.01	19.98	20.03		
100	PI/2 BPSK	135	0	19.93	19.94	19.91	21.6	0.0
100	PI/2 BPSK	135	69	19.92	19.92	19.96	21.6	0.0
100	PI/2 BPSK	135	138	19.96	20.04	20.01	21.6	0.0
100	PI/2 BPSK	270	0	19.94	19.95	19.90		
100	QPSK	1	1	19.96	20.13	19.91	21.6	0.0
100	QPSK	1	137	20.04	20.04	20.05		
100	QPSK	1	271	19.97	20.03	19.90		
100	QPSK	135	0	19.94	20.01	19.95	21.6	0.0
100	QPSK	135	69	19.92	20.10	19.95	21.6	0.0
100	QPSK	135	138	20.00	19.92	20.00	21.6	0.0
100	QPSK	270	0	19.96	20.01	19.96		
100	16QAM	1	1	20.00	19.93	19.90	21.6	0.0
100	64QAM	1	1	19.92	20.04	19.90	21.6	0.0
100	256QAM	1	1	18.14	18.15	18.20	19.6	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.82	19.98	19.86	21.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.91	20.01	19.79	21.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.80	20.10	19.81	21.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.90	20.02	19.86	21.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.85	20.05	19.80	21.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.90	19.99	19.77	21.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.82	20.07	19.87	21.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.88	20.01	19.86	21.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.82	20.04	19.79	21.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.78	19.96	19.86	21.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.72	22.65	22.76	24.0	0.0
100	PI/2 BPSK	1	137	22.76	22.61	22.61		
100	PI/2 BPSK	1	271	22.66	22.63	22.73		
100	PI/2 BPSK	135	0	22.70	22.62	22.75	24.0	0.0
100	PI/2 BPSK	135	69	22.68	22.70	22.67	24.0	0.0
100	PI/2 BPSK	135	138	22.68	22.72	22.70	24.0	0.0
100	PI/2 BPSK	270	0	22.63	22.72	22.73		
100	QPSK	1	1	22.61	22.83	22.69	24.0	0.0
100	QPSK	1	137	22.75	22.62	22.67		
100	QPSK	1	271	22.73	22.70	22.75		
100	QPSK	135	0	22.15	22.16	22.22	23.5	0.5
100	QPSK	135	69	22.62	22.69	22.68	24.0	0.0
100	QPSK	135	138	22.24	22.26	22.11	23.5	0.5
100	QPSK	270	0	22.13	22.23	22.21		
100	16QAM	1	1	22.26	22.10	22.18	23.5	0.5
100	64QAM	1	1	20.78	20.85	20.77	22.0	2.0
100	256QAM	1	1	18.89	18.87	18.84	20.0	4.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.55	18.83	18.70	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.62	18.76	18.82	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.68	18.76	18.64	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	18.69	18.82	18.69	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.63	18.85	18.72	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	18.64	18.85	18.76	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	18.66	18.76	18.69	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.69	18.81	18.77	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.60	18.89	18.76	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	18.59	18.75	18.65	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.27	16.34	16.22	17.8	0.0
40	PI/2 BPSK	1	53	16.25	16.32	16.30		
40	PI/2 BPSK	1	104	16.31	16.22	16.33		
40	PI/2 BPSK	50	0	16.27	16.23	16.32	17.8	0.0
40	PI/2 BPSK	50	28	16.34	16.33	16.25	17.8	0.0
40	PI/2 BPSK	50	56	16.32	16.26	16.32	17.8	0.0
40	PI/2 BPSK	100	0	16.32	16.27	16.28		
40	QPSK	1	1	16.33	16.38	16.28	17.8	0.0
40	QPSK	1	53	16.24	16.25	16.29		
40	QPSK	1	104	16.26	16.23	16.25		
40	QPSK	50	0	16.22	16.34	16.31	17.8	0.0
40	QPSK	50	28	16.23	16.24	16.31	17.8	0.0
40	QPSK	50	56	16.27	16.25	16.32	17.8	0.0
40	QPSK	100	0	16.24	16.30	16.26		
40	16QAM	1	1	16.26	16.23	16.30	17.8	0.0
40	64QAM	1	1	16.25	16.23	16.28	17.8	0.0
40	256QAM	1	1	16.24	16.33	16.33	17.8	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.19	16.34	16.16	17.8	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.18	16.29	16.15	17.8	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.22	16.24	16.23	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.57	15.54	15.56	17.5	0.0
100	PI/2 BPSK	1	137	15.61	15.58	15.55		
100	PI/2 BPSK	1	271	15.59	15.54	15.55		
100	PI/2 BPSK	135	0	15.59	15.55	15.58	17.5	0.0
100	PI/2 BPSK	135	69	15.58	15.58	15.58	17.5	0.0
100	PI/2 BPSK	135	138	15.57	15.57	15.57	17.5	0.0
100	PI/2 BPSK	270	0	15.57	15.58	15.60		
100	QPSK	1	1	15.61	15.63	15.62	17.5	0.0
100	QPSK	1	137	15.58	15.62	15.57		
100	QPSK	1	271	15.58	15.61	15.62		
100	QPSK	135	0	15.57	15.54	15.54	17.5	0.0
100	QPSK	135	69	15.59	15.62	15.54	17.5	0.0
100	QPSK	135	138	15.57	15.57	15.57	17.5	0.0
100	QPSK	270	0	15.51	15.59	15.58		
100	16QAM	1	1	15.61	15.54	15.58	17.5	0.0
100	64QAM	1	1	15.57	15.59	15.59	17.5	0.0
100	256QAM	1	1	15.57	15.56	15.56	17.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.55	15.55	15.58	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.57	15.61	15.57	17.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.59	15.59	15.60	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.58	15.56	15.54	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.57	15.60	15.57	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.56	15.56	15.55	17.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.52	15.60	15.56	17.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.55	15.54	15.54	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.53	15.59	15.55	17.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.60	15.58	15.55	17.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.58	15.57	15.58	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.68	18.66	18.61	20.5	0.0
100	PI/2 BPSK	1	137	18.60	18.63	18.60		
100	PI/2 BPSK	1	271	18.67	18.63	18.64		
100	PI/2 BPSK	135	0	18.65	18.62	18.64	20.5	0.0
100	PI/2 BPSK	135	69	18.67	18.64	18.62	20.5	0.0
100	PI/2 BPSK	135	138	18.64	18.67	18.64	20.5	0.0
100	PI/2 BPSK	270	0	18.67	18.65	18.64		
100	QPSK	1	1	18.65	18.69	18.65	20.5	0.0
100	QPSK	1	137	18.68	18.61	18.60		
100	QPSK	1	271	18.62	18.68	18.64		
100	QPSK	135	0	18.64	18.65	18.61	20.5	0.0
100	QPSK	135	69	18.61	18.68	18.61	20.5	0.0
100	QPSK	135	138	18.66	18.66	18.63	20.5	0.0
100	QPSK	270	0	18.61	18.67	18.65		
100	16QAM	1	1	18.65	18.64	18.66	20.5	0.0
100	64QAM	1	1	18.65	18.66	18.61	20.5	0.0
100	256QAM	1	1	18.67	18.62	18.61	20.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.64	18.67	18.58	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.58	18.67	18.57	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.58	18.63	18.63	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.56	18.63	18.60	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.60	18.61	18.59	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.62	18.65	18.56	20.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.60	18.62	18.60	20.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.60	18.62	18.57	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.59	18.62	18.59	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.57	18.63	18.63	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.56	18.61	18.63	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.56		17.5	0.0
100	PI/2 BPSK	1	137		16.53			
100	PI/2 BPSK	1	271		16.46			
100	PI/2 BPSK	135	0		16.57		17.5	0.0
100	PI/2 BPSK	135	69		16.56		17.5	0.0
100	PI/2 BPSK	135	138		16.57		17.5	0.0
100	PI/2 BPSK	270	0		16.53			
100	QPSK	1	1		16.62		17.5	0.0
100	QPSK	1	137		16.49			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.51		17.5	0.0
100	QPSK	135	69		16.55		17.5	0.0
100	QPSK	135	138		16.47		17.5	0.0
100	QPSK	270	0		16.53			
100	16QAM	1	1		16.46		17.5	0.0
100	64QAM	1	1		16.55		17.5	0.0
100	256QAM	1	1		16.55		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.50	16.51	16.56	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.47	16.47	16.55	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.50	16.51	16.51	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.51	16.54	16.50	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.51	16.53	16.49	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.46	16.50	16.56	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.49	16.50	16.58	17.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.56	16.51	16.53	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.48	16.57	16.52	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.47	16.52	16.49	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.47	16.51	16.53	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.46		20.5	0.0
100	PI/2 BPSK	1	137		19.48			
100	PI/2 BPSK	1	271		19.53			
100	PI/2 BPSK	135	0		19.47		20.5	0.0
100	PI/2 BPSK	135	69		19.43		20.5	0.0
100	PI/2 BPSK	135	138		19.46		20.5	0.0
100	PI/2 BPSK	270	0		19.46			
100	QPSK	1	1		19.57		20.5	0.0
100	QPSK	1	137		19.47			
100	QPSK	1	271		19.51			
100	QPSK	135	0		19.48		20.5	0.0
100	QPSK	135	69		19.52		20.5	0.0
100	QPSK	135	138		19.44		20.5	0.0
100	QPSK	270	0		19.41			
100	16QAM	1	1		19.42		20.5	0.0
100	64QAM	1	1		19.48		20.5	0.0
100	256QAM	1	1		19.48		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.51	19.49	19.46	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.47	19.53	19.44	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.42	19.47	19.43	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.51	19.49	19.47	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.44	19.51	19.53	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.43	19.45	19.47	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.48	19.43	19.48	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.53	19.43	19.51	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.44	19.51	19.41	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.44	19.46	19.44	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.42	19.50	19.43	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		15.76		17.5	0.0
100	PI/2 BPSK	1	137		15.80			
100	PI/2 BPSK	1	271		15.84			
100	PI/2 BPSK	135	0		15.82		17.5	0.0
100	PI/2 BPSK	135	69		15.87		17.5	0.0
100	PI/2 BPSK	135	138		15.83		17.5	0.0
100	PI/2 BPSK	270	0		15.81			
100	QPSK	1	1		15.96		17.5	0.0
100	QPSK	1	137		15.87			
100	QPSK	1	271		15.90			
100	QPSK	135	0		15.80		17.5	0.0
100	QPSK	135	69		15.87		17.5	0.0
100	QPSK	135	138		15.86		17.5	0.0
100	QPSK	270	0		15.83			
100	16QAM	1	1		15.77		17.5	0.0
100	64QAM	1	1		15.86		17.5	0.0
100	256QAM	1	1		15.83		17.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.83	15.88	15.90	17.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.87	15.89	15.90	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.84	15.87	15.83	17.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.87	15.88	15.84	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.86	15.82	15.87	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.85	15.83	15.87	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.90	15.84	15.85	17.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.89	15.88	15.89	17.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.89	15.85	15.84	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.86	15.84	15.83	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.86	15.86	15.87	17.5	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		18.94		20.5	0.0
100	PI/2 BPSK	1	137		18.91			
100	PI/2 BPSK	1	271		18.93			
100	PI/2 BPSK	135	0		18.86		20.5	0.0
100	PI/2 BPSK	135	69		18.86		20.5	0.0
100	PI/2 BPSK	135	138		18.90		20.5	0.0
100	PI/2 BPSK	270	0		18.92			
100	QPSK	1	1		18.95		20.5	0.0
100	QPSK	1	137		18.87			
100	QPSK	1	271		18.91			
100	QPSK	135	0		18.91		20.5	0.0
100	QPSK	135	69		18.92		20.5	0.0
100	QPSK	135	138		18.90		20.5	0.0
100	QPSK	270	0		18.94			
100	16QAM	1	1		18.91		20.5	0.0
100	64QAM	1	1		18.93		20.5	0.0
100	256QAM	1	1		18.88		20.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.87	18.89	18.85	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.85	18.89	18.84	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.86	18.86	18.83	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.88	18.89	18.83	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.88	18.88	18.85	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.85	18.82	18.87	20.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.85	18.85	18.85	20.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.86	18.86	18.87	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.88	18.84	18.84	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.88	18.83	18.83	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.88	18.88	18.89	20.5	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.28		17.5	0.0
100	PI/2 BPSK	1	137		16.29			
100	PI/2 BPSK	1	271		16.16			
100	PI/2 BPSK	135	0		16.25		17.5	0.0
100	PI/2 BPSK	135	69		16.32		17.5	0.0
100	PI/2 BPSK	135	138		16.29		17.5	0.0
100	PI/2 BPSK	270	0		16.27			
100	QPSK	1	1		16.35		17.5	0.0
100	QPSK	1	137		16.28			
100	QPSK	1	271		16.22			
100	QPSK	135	0		16.20		17.5	0.0
100	QPSK	135	69		16.26		17.5	0.0
100	QPSK	135	138		16.25		17.5	0.0
100	QPSK	270	0		16.26			
100	16QAM	1	1		16.19		17.5	0.0
100	64QAM	1	1		16.31		17.5	0.0
100	256QAM	1	1		16.25		17.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.13	16.05	16.12	17.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.08	16.06	16.06	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.09	16.05	16.14	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.15	16.15	16.11	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.07	16.09	16.12	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.06	16.13	16.08	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.09	16.06	16.06	17.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.11	16.06	16.09	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.08	16.06	16.11	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.07	16.08	16.15	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.15	16.12	16.05	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.33		20.5	0.0
100	PI/2 BPSK	1	137		19.30			
100	PI/2 BPSK	1	271		19.33			
100	PI/2 BPSK	135	0		19.31		20.5	0.0
100	PI/2 BPSK	135	69		19.22		20.5	0.0
100	PI/2 BPSK	135	138		19.30		20.5	0.0
100	PI/2 BPSK	270	0		19.35			
100	QPSK	1	1		19.42		20.5	0.0
100	QPSK	1	137		19.33			
100	QPSK	1	271		19.29			
100	QPSK	135	0		19.32		20.5	0.0
100	QPSK	135	69		19.33		20.5	0.0
100	QPSK	135	138		19.27		20.5	0.0
100	QPSK	270	0		19.24			
100	16QAM	1	1		19.22		20.5	0.0
100	64QAM	1	1		19.26		20.5	0.0
100	256QAM	1	1		19.34		20.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.34	19.29	19.34	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.29	19.33	19.35	20.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.28	19.32	19.31	20.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.27	19.36	19.33	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.32	19.29	19.35	20.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.27	19.32	19.28	20.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.37	19.38	19.34	20.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.33	19.34	19.37	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.34	19.26	19.35	20.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.31	19.29	19.28	20.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.30	19.28	19.27	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	14.90	14.91	14.81	15.8	0.0
40	PI/2 BPSK	1	53	14.84	14.83	14.83		
40	PI/2 BPSK	1	104	14.82	14.84	14.91		
40	PI/2 BPSK	50	0	14.80	14.81	14.83	15.8	0.0
40	PI/2 BPSK	50	28	14.82	14.88	14.85	15.8	0.0
40	PI/2 BPSK	50	56	14.85	14.81	14.87	15.8	0.0
40	PI/2 BPSK	100	0	14.83	14.86	14.82		
40	QPSK	1	1	14.82	14.95	14.83	15.8	0.0
40	QPSK	1	53	14.87	14.89	14.85		
40	QPSK	1	104	14.89	14.87	14.81		
40	QPSK	50	0	14.84	14.85	14.80	15.8	0.0
40	QPSK	50	28	14.84	14.89	14.86	15.8	0.0
40	QPSK	50	56	14.87	14.85	14.86	15.8	0.0
40	QPSK	100	0	14.82	14.84	14.79		
40	16QAM	1	1	14.87	14.89	14.84	15.8	0.0
40	64QAM	1	1	14.90	14.84	14.88	15.8	0.0
40	256QAM	1	1	14.90	14.83	14.81	15.8	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	14.70	14.91	14.69	15.8	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	14.67	14.82	14.73	15.8	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	14.70	14.85	14.72	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.01	14.13	13.89	15.0	0.0
100	PI/2 BPSK	1	137	13.89	13.90	13.83		
100	PI/2 BPSK	1	271	13.89	13.90	13.82		
100	PI/2 BPSK	135	0	14.07	14.09	13.89	15.0	0.0
100	PI/2 BPSK	135	69	13.88	13.95	13.90	15.0	0.0
100	PI/2 BPSK	135	138	13.84	13.93	13.85	15.0	0.0
100	PI/2 BPSK	270	0	13.86	13.96	13.86		
100	QPSK	1	1	14.10	14.19	14.11	15.0	0.0
100	QPSK	1	137	13.99	14.09	13.98		
100	QPSK	1	271	13.89	14.04	14.02		
100	QPSK	135	0	13.67	13.77	13.75	15.0	0.0
100	QPSK	135	69	13.93	14.04	13.97	15.0	0.0
100	QPSK	135	138	13.77	13.94	13.72	15.0	0.0
100	QPSK	270	0	13.69	13.79	13.67		
100	16QAM	1	1	13.77	13.97	13.81	15.0	0.0
100	64QAM	1	1	13.76	13.84	13.76	15.0	0.0
100	256QAM	1	1	13.82	13.87	13.73	15.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.02	14.03	14.02	15.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.94	14.02	14.05	15.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.00	14.01	14.02	15.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.95	14.02	13.96	15.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.00	13.98	14.04	15.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.01	13.98	14.01	15.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.96	13.98	13.97	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	13.97	13.94	14.05	15.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.99	14.05	13.98	15.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.06	13.99	14.03	15.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.01	14.02	14.05	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	16.96	17.08	16.93	18.0	0.0
100	PI/2 BPSK	1	137	16.89	16.95	16.85		
100	PI/2 BPSK	1	271	16.84	16.85	16.82		
100	PI/2 BPSK	135	0	17.12	17.04	16.91	18.0	0.0
100	PI/2 BPSK	135	69	16.91	16.97	16.93	18.0	0.0
100	PI/2 BPSK	135	138	16.89	16.88	16.87	18.0	0.0
100	PI/2 BPSK	270	0	16.90	16.94	16.91		
100	QPSK	1	1	17.11	17.15	17.07	18.0	0.0
100	QPSK	1	137	17.02	17.14	16.96		
100	QPSK	1	271	16.91	17.04	16.99		
100	QPSK	135	0	16.70	16.75	16.78	18.0	0.0
100	QPSK	135	69	16.97	17.00	16.95	18.0	0.0
100	QPSK	135	138	16.78	16.97	16.76	18.0	0.0
100	QPSK	270	0	16.74	16.75	16.66		
100	16QAM	1	1	16.78	17.01	16.83	18.0	0.0
100	64QAM	1	1	16.71	16.80	16.78	18.0	0.0
100	256QAM	1	1	16.87	16.91	16.71	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.02	17.00	17.02	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.99	17.03	16.94	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.05	17.00	16.94	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.98	17.03	16.94	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.99	17.04	16.92	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.97	17.06	16.92	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.98	17.07	16.98	18.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.02	17.02	16.93	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.05	17.05	16.96	18.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.00	17.05	17.02	18.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.02	17.08	17.00	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.61		15.0	0.0
100	PI/2 BPSK	1	137		13.52			
100	PI/2 BPSK	1	271		13.50			
100	PI/2 BPSK	135	0		13.61		15.0	0.0
100	PI/2 BPSK	135	69		13.49		15.0	0.0
100	PI/2 BPSK	135	138		13.51		15.0	0.0
100	PI/2 BPSK	270	0		13.50			
100	QPSK	1	1		13.74		15.0	0.0
100	QPSK	1	137		13.67			
100	QPSK	1	271		13.66			
100	QPSK	135	0		13.29		15.0	0.0
100	QPSK	135	69		13.59		15.0	0.0
100	QPSK	135	138		13.38		15.0	0.0
100	QPSK	270	0		13.38			
100	16QAM	1	1		13.47		15.0	0.0
100	64QAM	1	1		13.42		15.0	0.0
100	256QAM	1	1		13.41		15.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.54	13.67	13.55	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.51	13.60	13.54	15.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.45	13.65	13.52	15.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.54	13.58	13.49	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.47	13.64	13.56	15.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.51	13.56	13.55	15.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.53	13.60	13.54	15.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.47	13.58	13.48	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.49	13.66	13.47	15.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.51	13.56	13.51	15.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.50	13.56	13.55	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.52		18.0	0.0
100	PI/2 BPSK	1	137		16.49			
100	PI/2 BPSK	1	271		16.44			
100	PI/2 BPSK	135	0		16.59		18.0	0.0
100	PI/2 BPSK	135	69		16.49		18.0	0.0
100	PI/2 BPSK	135	138		16.48		18.0	0.0
100	PI/2 BPSK	270	0		16.46			
100	QPSK	1	1		16.69		18.0	0.0
100	QPSK	1	137		16.63			
100	QPSK	1	271		16.58			
100	QPSK	135	0		16.30		18.0	0.0
100	QPSK	135	69		16.53		18.0	0.0
100	QPSK	135	138		16.35		18.0	0.0
100	QPSK	270	0		16.40			
100	16QAM	1	1		16.38		18.0	0.0
100	64QAM	1	1		16.41		18.0	0.0
100	256QAM	1	1		16.45		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.53	16.67	16.52	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.54	16.66	16.54	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.50	16.62	16.52	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.46	16.67	16.46	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.43	16.57	16.55	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.53	16.57	16.47	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.46	16.62	16.50	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.46	16.57	16.47	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.51	16.63	16.47	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.51	16.62	16.58	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.52	16.56	16.55	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.12		15.0	0.0
100	PI/2 BPSK	1	137		13.92			
100	PI/2 BPSK	1	271		13.90			
100	PI/2 BPSK	135	0		14.14		15.0	0.0
100	PI/2 BPSK	135	69		13.92		15.0	0.0
100	PI/2 BPSK	135	138		13.98		15.0	0.0
100	PI/2 BPSK	270	0		13.93			
100	QPSK	1	1		14.18		15.0	0.0
100	QPSK	1	137		14.10			
100	QPSK	1	271		14.07			
100	QPSK	135	0		13.82		15.0	0.0
100	QPSK	135	69		13.99		15.0	0.0
100	QPSK	135	138		13.89		15.0	0.0
100	QPSK	270	0		13.78			
100	16QAM	1	1		13.97		15.0	0.0
100	64QAM	1	1		13.79		15.0	0.0
100	256QAM	1	1		13.89		15.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.06	14.05	14.02	15.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.98	14.05	14.05	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.02	14.10	14.00	15.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.97	14.06	13.98	15.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.97	14.03	14.03	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.05	14.04	13.99	15.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.02	14.05	13.96	15.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.97	14.06	14.07	15.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.01	14.08	14.01	15.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.06	14.09	14.02	15.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.01	14.13	13.96	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.13		18.0	0.0
100	PI/2 BPSK	1	137		16.89			
100	PI/2 BPSK	1	271		16.92			
100	PI/2 BPSK	135	0		17.16		18.0	0.0
100	PI/2 BPSK	135	69		16.88		18.0	0.0
100	PI/2 BPSK	135	138		17.01		18.0	0.0
100	PI/2 BPSK	270	0		16.90			
100	QPSK	1	1		17.22		18.0	0.0
100	QPSK	1	137		17.14			
100	QPSK	1	271		17.06			
100	QPSK	135	0		16.85		18.0	0.0
100	QPSK	135	69		17.05		18.0	0.0
100	QPSK	135	138		16.89		18.0	0.0
100	QPSK	270	0		16.82			
100	16QAM	1	1		17.00		18.0	0.0
100	64QAM	1	1		16.77		18.0	0.0
100	256QAM	1	1		16.85		18.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.13	17.14	17.07	18.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.07	17.19	17.14	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.15	17.19	17.10	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.09	17.14	17.16	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.06	17.15	17.14	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.05	17.16	17.15	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.10	17.13	17.16	18.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.12	17.18	17.10	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.05	17.19	17.12	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.05	17.14	17.05	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.12	17.13	17.14	18.0	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.62		15.0	0.0
100	PI/2 BPSK	1	137		13.47			
100	PI/2 BPSK	1	271		13.47			
100	PI/2 BPSK	135	0		13.63		15.0	0.0
100	PI/2 BPSK	135	69		13.51		15.0	0.0
100	PI/2 BPSK	135	138		13.54		15.0	0.0
100	PI/2 BPSK	270	0		13.52			
100	QPSK	1	1		13.73		15.0	0.0
100	QPSK	1	137		13.70			
100	QPSK	1	271		13.69			
100	QPSK	135	0		13.31		15.0	0.0
100	QPSK	135	69		13.57		15.0	0.0
100	QPSK	135	138		13.35		15.0	0.0
100	QPSK	270	0		13.43			
100	16QAM	1	1		13.44		15.0	0.0
100	64QAM	1	1		13.47		15.0	0.0
100	256QAM	1	1		13.38		15.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.57	13.65	13.55	15.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.59	13.63	13.49	15.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.57	13.66	13.55	15.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.57	13.61	13.59	15.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.55	13.62	13.57	15.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.58	13.61	13.51	15.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.48	13.63	13.57	15.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.48	13.63	13.60	15.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.59	13.65	13.54	15.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.52	13.66	13.56	15.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.60	13.67	13.57	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.54		18.0	0.0
100	PI/2 BPSK	1	137		16.37			
100	PI/2 BPSK	1	271		16.45			
100	PI/2 BPSK	135	0		16.58		18.0	0.0
100	PI/2 BPSK	135	69		16.43		18.0	0.0
100	PI/2 BPSK	135	138		16.43		18.0	0.0
100	PI/2 BPSK	270	0		16.49			
100	QPSK	1	1		16.71		18.0	0.0
100	QPSK	1	137		16.62			
100	QPSK	1	271		16.68			
100	QPSK	135	0		16.27		18.0	0.0
100	QPSK	135	69		16.55		18.0	0.0
100	QPSK	135	138		16.31		18.0	0.0
100	QPSK	270	0		16.31			
100	16QAM	1	1		16.38		18.0	0.0
100	64QAM	1	1		16.40		18.0	0.0
100	256QAM	1	1		16.33		18.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.56	16.53	16.44	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.45	16.56	16.42	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.56	16.54	16.48	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.47	16.59	16.47	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.49	16.61	16.44	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.45	16.61	16.43	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.51	16.64	16.43	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.56	16.55	16.49	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.54	16.57	16.51	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.51	16.54	16.43	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.51	16.56	16.51	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.43	18.46	18.47	19.8	0.0
100	PI/2 BPSK	1	137	18.45	18.41	18.40		
100	PI/2 BPSK	1	271	18.38	18.39	18.48		
100	PI/2 BPSK	135	0	18.48	18.47	18.45	19.8	0.0
100	PI/2 BPSK	135	69	18.49	18.44	18.41	19.8	0.0
100	PI/2 BPSK	135	138	18.47	18.38	18.41	19.8	0.0
100	PI/2 BPSK	270	0	18.46	18.48	18.41		
100	QPSK	1	1	18.39	18.54	18.39	19.8	0.0
100	QPSK	1	137	18.39	18.39	18.40		
100	QPSK	1	271	18.47	18.38	18.47		
100	QPSK	135	0	18.43	18.45	18.38	19.8	0.0
100	QPSK	135	69	18.48	18.52	18.45	19.8	0.0
100	QPSK	135	138	18.50	18.46	18.46	19.8	0.0
100	QPSK	270	0	18.41	18.47	18.41		
100	16QAM	1	1	18.41	18.39	18.43	19.8	0.0
100	64QAM	1	1	18.41	18.43	18.43	19.8	0.0
100	256QAM	1	1	18.42	18.40	18.40	19.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.28	18.45	18.25	19.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	18.26	18.48	18.24	19.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.32	18.40	18.30	19.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.25	18.44	18.31	19.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.30	18.50	18.31	19.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.31	18.50	18.34	19.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.26	18.45	18.33	19.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.24	18.44	18.28	19.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.31	18.42	18.28	19.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.26	18.42	18.23	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.41	21.43	21.35	22.8	0.0
100	PI/2 BPSK	1	137	21.40	21.37	21.38		
100	PI/2 BPSK	1	271	21.42	21.34	21.35		
100	PI/2 BPSK	135	0	21.41	21.35	21.38	22.8	0.0
100	PI/2 BPSK	135	69	21.37	21.40	21.40	22.8	0.0
100	PI/2 BPSK	135	138	21.42	21.34	21.40	22.8	0.0
100	PI/2 BPSK	270	0	21.32	21.32	21.33		
100	QPSK	1	1	21.37	21.47	21.33	22.8	0.0
100	QPSK	1	137	21.39	21.35	21.39		
100	QPSK	1	271	21.42	21.36	21.41		
100	QPSK	135	0	21.38	21.34	21.31	22.8	0.0
100	QPSK	135	69	21.35	21.40	21.34	22.8	0.0
100	QPSK	135	138	21.38	21.36	21.35	22.8	0.0
100	QPSK	270	0	21.38	21.42	21.39		
100	16QAM	1	1	21.40	21.40	21.39	22.8	0.0
100	64QAM	1	1	21.39	21.38	21.36	22.8	0.0
100	256QAM	1	1	21.41	21.38	21.34	22.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.27	21.35	21.28	22.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.23	21.40	21.27	22.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.28	21.42	21.29	22.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.23	21.34	21.29	22.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.22	21.36	21.21	22.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.30	21.33	21.18	22.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.29	21.40	21.22	22.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.30	21.34	21.24	22.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.27	21.36	21.20	22.8	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	21.39	21.22	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.16	20.05	19.71	21.2	0.0
40	PI/2 BPSK	1	53	19.65	20.15	20.16		
40	PI/2 BPSK	1	104	19.65	19.79	19.90		
40	PI/2 BPSK	50	0	20.06	19.70	19.70	21.2	0.0
40	PI/2 BPSK	50	28	19.97	20.02	20.03	21.2	0.0
40	PI/2 BPSK	50	56	20.11	19.82	19.92	21.2	0.0
40	PI/2 BPSK	100	0	20.00	19.79	20.18		
40	QPSK	1	1	19.89	20.20	19.82	21.2	0.0
40	QPSK	1	53	19.94	20.10	19.86		
40	QPSK	1	104	19.65	19.91	20.14		
40	QPSK	50	0	19.77	20.01	20.09	21.2	0.0
40	QPSK	50	28	19.65	20.12	19.81	21.2	0.0
40	QPSK	50	56	19.90	20.05	19.79	21.2	0.0
40	QPSK	100	0	19.95	20.05	19.79		
40	16QAM	1	1	20.05	19.68	19.91	21.2	0.0
40	64QAM	1	1	19.94	19.76	19.94	21.2	0.0
40	256QAM	1	1	19.84	20.16	19.70	21.2	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.75	20.12	19.77	21.2	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.79	20.08	19.70	21.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.80	20.15	19.75	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.64	19.65	19.55	21.2	0.0
100	PI/2 BPSK	1	137	19.48	19.62	19.53		
100	PI/2 BPSK	1	271	19.51	19.60	19.36		
100	PI/2 BPSK	135	0	19.68	19.70	19.56	21.2	0.0
100	PI/2 BPSK	135	69	19.48	19.54	19.56	21.2	0.0
100	PI/2 BPSK	135	138	19.46	19.63	19.49	21.2	0.0
100	PI/2 BPSK	270	0	19.47	19.53	19.50		
100	QPSK	1	1	19.76	19.78	19.71	21.2	0.0
100	QPSK	1	137	19.56	19.70	19.68		
100	QPSK	1	271	19.55	19.74	19.58		
100	QPSK	135	0	19.31	19.40	19.45	21.2	0.0
100	QPSK	135	69	19.56	19.65	19.58	21.2	0.0
100	QPSK	135	138	19.34	19.48	19.40	21.2	0.0
100	QPSK	270	0	19.38	19.46	19.30		
100	16QAM	1	1	19.36	19.60	19.45	21.2	0.0
100	64QAM	1	1	19.35	19.52	19.36	21.2	0.0
100	256QAM	1	1	19.50	19.51	19.42	21.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.66	19.65	19.60	21.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.70	19.65	19.57	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.72	19.60	19.65	21.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.65	19.62	19.56	21.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.66	19.70	19.66	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.68	19.68	19.62	21.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.74	19.68	19.62	21.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.66	19.64	19.60	21.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.72	19.61	19.59	21.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.72	19.61	19.60	21.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.74	19.65	19.60	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.56	22.65	22.56	24.2	0.0
100	PI/2 BPSK	1	137	22.46	22.48	22.47		
100	PI/2 BPSK	1	271	22.49	22.47	22.31		
100	PI/2 BPSK	135	0	22.63	22.66	22.48	24.2	0.0
100	PI/2 BPSK	135	69	22.46	22.54	22.40	24.2	0.0
100	PI/2 BPSK	135	138	22.42	22.52	22.42	24.2	0.0
100	PI/2 BPSK	270	0	22.37	22.51	22.43		
100	QPSK	1	1	22.66	22.71	22.68	24.2	0.0
100	QPSK	1	137	22.45	22.59	22.53		
100	QPSK	1	271	22.50	22.68	22.48		
100	QPSK	135	0	22.23	22.34	22.29	24.2	0.0
100	QPSK	135	69	22.49	22.57	22.52	24.2	0.0
100	QPSK	135	138	22.35	22.46	22.38	24.2	0.0
100	QPSK	270	0	22.21	22.35	22.26		
100	16QAM	1	1	22.33	22.47	22.31	24.2	0.0
100	64QAM	1	1	22.31	22.47	22.33	24.2	0.0
100	256QAM	1	1	21.10	21.16	21.05	22.7	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.57	22.56	22.60	24.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.51	22.53	22.62	24.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.53	22.59	22.61	24.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.59	22.56	22.64	24.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.58	22.55	22.61	24.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.58	22.53	22.59	24.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.57	22.58	22.56	24.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.59	22.59	22.58	24.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.60	22.59	22.64	24.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.59	22.51	22.64	24.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.60	22.54	22.61	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.37		21.2	0.0
100	PI/2 BPSK	1	137		20.17			
100	PI/2 BPSK	1	271		20.19			
100	PI/2 BPSK	135	0		20.34		21.2	0.0
100	PI/2 BPSK	135	69		20.16		21.2	0.0
100	PI/2 BPSK	135	138		20.21		21.2	0.0
100	PI/2 BPSK	270	0		20.20			
100	QPSK	1	1		20.42		21.2	0.0
100	QPSK	1	137		20.37			
100	QPSK	1	271		20.40			
100	QPSK	135	0		20.02		21.2	0.0
100	QPSK	135	69		20.28		21.2	0.0
100	QPSK	135	138		20.20		21.2	0.0
100	QPSK	270	0		20.14			
100	16QAM	1	1		20.15		21.2	0.0
100	64QAM	1	1		20.17		21.2	0.0
100	256QAM	1	1		20.19		21.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.25	20.27	20.33	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.19	20.26	20.27	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.21	20.24	20.22	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.27	20.31	20.24	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.24	20.23	20.23	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.29	20.24	20.26	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.19	20.32	20.30	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.28	20.25	20.26	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.28	20.29	20.27	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.17	20.28	20.32	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.23	20.24	20.24	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.41		24.2	0.0
100	PI/2 BPSK	1	137		23.22			
100	PI/2 BPSK	1	271		23.23			
100	PI/2 BPSK	135	0		23.40		24.2	0.0
100	PI/2 BPSK	135	69		23.25		24.2	0.0
100	PI/2 BPSK	135	138		23.26		24.2	0.0
100	PI/2 BPSK	270	0		23.24			
100	QPSK	1	1		23.46		24.2	0.0
100	QPSK	1	137		23.42			
100	QPSK	1	271		23.41			
100	QPSK	135	0		23.15		24.2	0.0
100	QPSK	135	69		23.36		24.2	0.0
100	QPSK	135	138		23.16		24.2	0.0
100	QPSK	270	0		23.17			
100	16QAM	1	1		23.21		24.2	0.0
100	64QAM	1	1		23.15		24.2	0.0
100	256QAM	1	1		21.93		22.7	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.27	23.36	23.35	24.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.25	23.32	23.30	24.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.28	23.27	23.27	24.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.29	23.29	23.25	24.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.28	23.33	23.33	24.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.34	23.33	23.28	24.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.34	23.30	23.35	24.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.35	23.26	23.31	24.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.28	23.32	23.26	24.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.27	23.28	23.35	24.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.29	23.28	23.34	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.67		21.2	0.0
100	PI/2 BPSK	1	137		19.45			
100	PI/2 BPSK	1	271		19.52			
100	PI/2 BPSK	135	0		19.71		21.2	0.0
100	PI/2 BPSK	135	69		19.49		21.2	0.0
100	PI/2 BPSK	135	138		19.44		21.2	0.0
100	PI/2 BPSK	270	0		19.45			
100	QPSK	1	1		19.78		21.2	0.0
100	QPSK	1	137		19.51			
100	QPSK	1	271		19.53			
100	QPSK	135	0		19.34		21.2	0.0
100	QPSK	135	69		19.52		21.2	0.0
100	QPSK	135	138		19.35		21.2	0.0
100	QPSK	270	0		19.43			
100	16QAM	1	1		19.41		21.2	0.0
100	64QAM	1	1		19.40		21.2	0.0
100	256QAM	1	1		19.52		21.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.70	19.62	19.57	21.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.65	19.61	19.64	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.70	19.70	19.55	21.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.62	19.61	19.55	21.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.66	19.63	19.57	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.62	19.63	19.59	21.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.66	19.68	19.60	21.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.61	19.64	19.60	21.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.60	19.61	19.64	21.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.61	19.63	19.62	21.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.64	19.67	19.66	21.2	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.58		24.2	0.0
100	PI/2 BPSK	1	137		22.41			
100	PI/2 BPSK	1	271		22.45			
100	PI/2 BPSK	135	0		22.59		24.2	0.0
100	PI/2 BPSK	135	69		22.42		24.2	0.0
100	PI/2 BPSK	135	138		22.39		24.2	0.0
100	PI/2 BPSK	270	0		22.32			
100	QPSK	1	1		22.67		24.2	0.0
100	QPSK	1	137		22.45			
100	QPSK	1	271		22.53			
100	QPSK	135	0		22.47		24.2	0.0
100	QPSK	135	69		22.54		24.2	0.0
100	QPSK	135	138		22.34		24.2	0.0
100	QPSK	270	0		22.22			
100	16QAM	1	1		22.37		24.2	0.0
100	64QAM	1	1		22.27		24.2	0.0
100	256QAM	1	1		21.12		22.7	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.58	22.56	22.61	24.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.52	22.54	22.63	24.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.54	22.59	22.57	24.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.54	22.57	24.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.51	22.51	22.56	24.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.61	22.58	22.59	24.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.55	22.51	22.56	24.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.54	22.61	22.55	24.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.61	22.59	22.55	24.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.60	22.54	24.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.57	22.62	22.61	24.2	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.35		21.2	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.22			
100	PI/2 BPSK	135	0		20.36		21.2	0.0
100	PI/2 BPSK	135	69		20.18		21.2	0.0
100	PI/2 BPSK	135	138		20.26		21.2	0.0
100	PI/2 BPSK	270	0		20.19			
100	QPSK	1	1		20.45		21.2	0.0
100	QPSK	1	137		20.36			
100	QPSK	1	271		20.38			
100	QPSK	135	0		20.05		21.2	0.0
100	QPSK	135	69		20.26		21.2	0.0
100	QPSK	135	138		20.23		21.2	0.0
100	QPSK	270	0		20.11			
100	16QAM	1	1		20.19		21.2	0.0
100	64QAM	1	1		20.22		21.2	0.0
100	256QAM	1	1		20.21		21.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.30	20.23	20.32	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.28	20.32	20.29	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.26	20.30	20.28	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.24	20.22	20.31	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.23	20.30	20.32	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.30	20.22	20.37	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.30	20.27	20.34	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.19	20.25	20.35	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.21	20.30	20.36	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.31	20.30	20.32	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.27	20.24	20.38	21.2	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.55		24.2	0.0
100	PI/2 BPSK	1	137		22.38			
100	PI/2 BPSK	1	271		22.47			
100	PI/2 BPSK	135	0		22.58		24.2	0.0
100	PI/2 BPSK	135	69		22.44		24.2	0.0
100	PI/2 BPSK	135	138		22.44		24.2	0.0
100	PI/2 BPSK	270	0		22.29			
100	QPSK	1	1		22.71		24.2	0.0
100	QPSK	1	137		22.45			
100	QPSK	1	271		22.55			
100	QPSK	135	0		22.47		24.2	0.0
100	QPSK	135	69		22.52		24.2	0.0
100	QPSK	135	138		22.32		24.2	0.0
100	QPSK	270	0		22.36			
100	16QAM	1	1		22.33		24.2	0.0
100	64QAM	1	1		22.26		24.2	0.0
100	256QAM	1	1		21.12		22.7	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.54	22.61	22.56	24.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.57	22.58	22.67	24.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.54	22.62	22.57	24.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.53	22.53	22.66	24.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.53	22.56	22.62	24.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.57	22.51	22.60	24.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.54	22.57	22.65	24.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.63	22.58	22.61	24.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.57	22.51	22.65	24.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.53	22.54	22.61	24.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				26.2	26.28	26.2		
10	QPSK	1	1	22.59	22.60	22.61	24.2	0.0

Reduced Power Mode for Other PA DSI6

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.30	21.36	21.19	22.2	0.0
20	PI/2 BPSK	1	53	21.26	21.09	21.09		
20	PI/2 BPSK	1	104	21.20	21.07	20.96		
20	PI/2 BPSK	50	0	21.28	21.40	21.19	22.2	0.0
20	PI/2 BPSK	50	28	21.19	21.11	21.09	22.2	0.0
20	PI/2 BPSK	50	56	21.05	21.28	21.08	22.2	0.0
20	PI/2 BPSK	100	0	21.10	21.14	21.04		
20	QPSK	1	1	21.35	21.45	21.41	22.2	0.0
20	QPSK	1	53	21.27	21.32	21.22		
20	QPSK	1	104	21.23	21.40	21.26		
20	QPSK	50	0	20.98	21.01	20.93	22.2	0.0
20	QPSK	50	28	21.19	21.26	21.17	22.2	0.0
20	QPSK	50	56	20.99	21.13	20.93	22.2	0.0
20	QPSK	100	0	20.91	21.15	20.98		
20	16QAM	1	1	21.14	21.07	21.00	22.2	0.0
20	64QAM	1	1	20.99	20.99	20.99	22.2	0.0
20	256QAM	1	1	19.67	19.88	19.77	21.0	1.2
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.27	21.29	21.31	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.29	21.37	21.33	22.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.26	21.31	21.30	22.2	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.34	21.37	21.16	22.2	0.0
40	PI/2 BPSK	1	108	21.20	21.12	21.08		
40	PI/2 BPSK	1	214	21.13	21.13	20.95		
40	PI/2 BPSK	108	0	21.34	21.41	21.19	22.2	0.0
40	PI/2 BPSK	108	54	21.14	21.13	21.09	22.2	0.0
40	PI/2 BPSK	108	108	21.06	21.26	21.08	22.2	0.0
40	PI/2 BPSK	216	0	21.13	21.16	21.08		
40	QPSK	1	1	21.33	21.42	21.41	22.2	0.0
40	QPSK	1	108	21.24	21.37	21.26		
40	QPSK	1	214	21.20	21.37	21.26		
40	QPSK	108	0	20.96	21.07	20.97	22.2	0.0
40	QPSK	108	54	21.21	21.27	21.20	22.2	0.0
40	QPSK	108	108	20.98	21.12	20.95	22.2	0.0
40	QPSK	216	0	20.94	21.08	21.02		
40	16QAM	1	1	21.07	21.12	20.98	22.2	0.0
40	64QAM	1	1	20.95	21.05	21.02	22.2	0.0
40	256QAM	1	1	19.72	19.84	19.79	21.0	1.2
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	21.18	21.21	21.22	22.2	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.21	21.30	21.33	22.2	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.25	21.30	21.35	22.2	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.26	21.38	21.28	22.2	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.25	21.32	21.33	22.2	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.18	21.27	21.29	22.2	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.29	21.32	21.35	22.2	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.56	20.63	20.39	21.7	0.0
40	PI/2 BPSK	1	108	20.48	20.47	20.30		
40	PI/2 BPSK	1	214	20.33	20.52	20.26		
40	PI/2 BPSK	108	0	20.50	20.63	20.41	21.7	0.0
40	PI/2 BPSK	108	54	20.36	20.40	20.34	21.7	0.0
40	PI/2 BPSK	108	108	20.31	20.45	20.39	21.7	0.0
40	PI/2 BPSK	216	0	20.36	20.38	20.43		
40	QPSK	1	1	20.61	20.66	20.57	21.7	0.0
40	QPSK	1	108	20.43	20.57	20.57		
40	QPSK	1	214	20.50	20.57	20.55		
40	QPSK	108	0	20.17	20.34	20.28	21.7	0.0
40	QPSK	108	54	20.45	20.51	20.41	21.7	0.0
40	QPSK	108	108	20.20	20.40	20.30	21.7	0.0
40	QPSK	216	0	20.19	20.40	20.16		
40	16QAM	1	1	20.26	20.40	20.36	21.7	0.0
40	64QAM	1	1	20.34	20.39	20.21	21.7	0.0
40	256QAM	1	1	20.41	20.41	20.41	21.0	0.7
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.35	20.45	20.51	21.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.54	20.58	20.51	21.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.55	20.54	20.44	21.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.54	20.47	20.45	21.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.57	20.51	20.42	21.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.58	20.50	20.50	21.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.56	20.59	20.43	21.7	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	20.52	20.60	20.50	21.6	0.0
20	PI/2 BPSK	1	53	20.47	20.46	20.36		
20	PI/2 BPSK	1	104	20.36	20.50	20.25		
20	PI/2 BPSK	50	0	20.53	20.58	20.29	21.6	0.0
20	PI/2 BPSK	50	28	20.29	20.44	20.37	21.6	0.0
20	PI/2 BPSK	50	56	20.40	20.42	20.35	21.6	0.0
20	PI/2 BPSK	100	0	20.43	20.51	20.49		
20	QPSK	1	1	20.72	20.74	20.54	21.6	0.0
20	QPSK	1	53	20.36	20.53	20.44		
20	QPSK	1	104	20.38	20.54	20.52		
20	QPSK	50	0	20.32	20.34	20.32	21.6	0.0
20	QPSK	50	28	20.45	20.59	20.43	21.6	0.0
20	QPSK	50	56	20.35	20.38	20.25	21.6	0.0
20	QPSK	100	0	20.22	20.40	20.25		
20	16QAM	1	1	20.26	20.41	20.32	21.6	0.0
20	64QAM	1	1	19.70	20.67	19.67	21.5	0.1
20	256QAM	1	1	17.94	19.01	17.98	19.5	2.1
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.59	20.59	20.38	21.6	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.60	20.66	20.49	21.6	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.57	20.64	20.50	21.6	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	20.52	20.54	20.50	21.6	0.0
40	PI/2 BPSK	1	108	20.44	20.44	20.34		
40	PI/2 BPSK	1	214	20.40	20.44	20.25		
40	PI/2 BPSK	108	0	20.59	20.57	20.33	21.6	0.0
40	PI/2 BPSK	108	54	20.34	20.49	20.33	21.6	0.0
40	PI/2 BPSK	108	108	20.39	20.41	20.39	21.6	0.0
40	PI/2 BPSK	216	0	20.40	20.48	20.43		
40	QPSK	1	1	20.66	20.72	20.59	21.6	0.0
40	QPSK	1	108	20.39	20.55	20.48		
40	QPSK	1	214	20.44	20.53	20.54		
40	QPSK	108	0	20.26	20.29	20.31	21.6	0.0
40	QPSK	108	54	20.43	20.60	20.44	21.6	0.0
40	QPSK	108	108	20.30	20.44	20.22	21.6	0.0
40	QPSK	216	0	20.24	20.35	20.23		
40	16QAM	1	1	20.31	20.43	20.29	21.6	0.0
40	64QAM	1	1	19.73	20.67	19.68	21.5	0.1
40	256QAM	1	1	17.91	18.96	17.96	19.5	2.1
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	20.21	20.15	20.02	21.6	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.50	20.58	20.54	21.6	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.53	20.57	20.49	21.6	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	20.51	20.64	20.49	21.6	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.55	20.64	20.49	21.6	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.52	20.68	20.45	21.6	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.50	20.55	20.45	21.6	0.0

n66

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.65	20.67	20.43	22.4	0.0
40	PI/2 BPSK	1	108	20.50	20.55	20.45		
40	PI/2 BPSK	1	214	20.42	20.46	20.42		
40	PI/2 BPSK	108	0	20.57	20.62	20.49	22.4	0.0
40	PI/2 BPSK	108	54	20.44	20.50	20.46	22.4	0.0
40	PI/2 BPSK	108	108	20.41	20.58	20.41	22.4	0.0
40	PI/2 BPSK	216	0	20.50	20.49	20.49		
40	QPSK	1	1	20.65	20.82	20.67	22.4	0.0
40	QPSK	1	108	20.45	20.60	20.57		
40	QPSK	1	214	20.53	20.64	20.52		
40	QPSK	108	0	20.52	20.49	20.43	22.4	0.0
40	QPSK	108	54	20.55	20.79	20.50	22.4	0.0
40	QPSK	108	108	20.49	20.51	20.41	22.4	0.0
40	QPSK	216	0	20.42	20.78	20.42		
40	16QAM	1	1	20.43	20.51	20.44	22.4	0.0
40	64QAM	1	1	20.42	20.48	20.44	22.4	0.0
40	256QAM	1	1	19.72	19.83	19.75	21.0	1.4
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.42	20.54	20.48	22.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.53	20.57	20.56	22.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.60	20.68	20.50	22.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.59	20.68	20.54	22.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.60	20.63	20.58	22.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.59	20.56	20.55	22.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.53	20.69	20.64	22.4	0.0

n41

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.86	17.87	17.81	19.3	0.0
100	PI/2 BPSK	1	137	17.76	17.81	17.82		
100	PI/2 BPSK	1	271	17.85	17.80	17.84		
100	PI/2 BPSK	135	0	17.82	17.83	17.84	19.3	0.0
100	PI/2 BPSK	135	69	17.75	17.79	17.83	19.3	0.0
100	PI/2 BPSK	135	138	17.78	17.86	17.84	19.3	0.0
100	PI/2 BPSK	270	0	17.74	17.85	17.74		
100	QPSK	1	1	17.78	18.01	17.79	19.3	0.0
100	QPSK	1	137	17.87	17.81	17.77		
100	QPSK	1	271	17.76	17.86	17.85		
100	QPSK	135	0	17.76	17.86	17.80	19.3	0.0
100	QPSK	135	69	17.77	17.88	17.81	19.3	0.0
100	QPSK	135	138	17.78	17.79	17.74	19.3	0.0
100	QPSK	270	0	17.76	17.86	17.84		
100	16QAM	1	1	17.87	17.87	17.87	19.3	0.0
100	64QAM	1	1	17.74	17.76	17.84	19.3	0.0
100	256QAM	1	1	17.85	17.75	17.77	19.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.70	17.98	17.69	19.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.63	17.84	17.69	19.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.75	17.84	17.65	19.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.74	17.83	17.61	19.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.68	17.91	17.64	19.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.66	17.84	17.69	19.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.76	17.86	17.68	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.76	17.91	17.70	19.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.62	17.90	17.65	19.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.66	17.84	17.76	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.74	20.76	20.73	22.3	0.0
100	PI/2 BPSK	1	137	20.79	20.77	20.81		
100	PI/2 BPSK	1	271	20.71	20.85	20.76		
100	PI/2 BPSK	135	0	20.85	20.73	20.75	22.3	0.0
100	PI/2 BPSK	135	69	20.84	20.73	20.73	22.3	0.0
100	PI/2 BPSK	135	138	20.78	20.79	20.81	22.3	0.0
100	PI/2 BPSK	270	0	20.81	20.82	20.79		
100	QPSK	1	1	20.83	20.88	20.77	22.3	0.0
100	QPSK	1	137	20.76	20.75	20.81		
100	QPSK	1	271	20.84	20.80	20.85		
100	QPSK	135	0	20.82	20.73	20.84	22.3	0.0
100	QPSK	135	69	20.75	20.85	20.80	22.3	0.0
100	QPSK	135	138	20.84	20.81	20.71	22.3	0.0
100	QPSK	270	0	20.82	20.85	20.75		
100	16QAM	1	1	20.70	20.79	20.84	22.3	0.0
100	64QAM	1	1	20.74	20.83	20.82	22.3	0.0
100	256QAM	1	1	20.74	20.75	20.83	22.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.65	20.78	20.69	22.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.72	20.78	20.68	22.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.68	20.75	20.65	22.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.80	20.80	20.74	22.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.75	20.83	20.60	22.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.80	20.77	20.82	22.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.68	20.86	20.60	22.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.71	20.81	20.71	22.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.66	20.83	20.73	22.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.71	20.85	20.64	22.3	0.0

n41

BW [MHz]	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	20.90	20.95	20.81	22.0	0.0
100	PI/2 BPSK	1	137	20.83	20.79	20.78		
100	PI/2 BPSK	1	271	20.76	20.79	20.70		
100	PI/2 BPSK	135	0	20.86	20.99	20.70	22.0	0.0
100	PI/2 BPSK	135	69	20.73	20.87	20.76	22.0	0.0
100	PI/2 BPSK	135	138	20.68	20.80	20.67	22.0	0.0
100	PI/2 BPSK	270	0	20.73	20.80	20.71		
100	QPSK	1	1	20.99	21.13	20.97	22.0	0.0
100	QPSK	1	137	20.88	21.01	20.95		
100	QPSK	1	271	20.89	20.93	20.86		
100	QPSK	135	0	20.61	20.73	20.66	22.0	0.0
100	QPSK	135	69	20.83	20.96	20.76	22.0	0.0
100	QPSK	135	138	20.62	20.73	20.65	22.0	0.0
100	QPSK	270	0	20.63	20.73	20.61		
100	16QAM	1	1	20.61	20.78	20.71	22.0	0.0
100	64QAM	1	1	18.97	19.09	19.00	20.5	1.5
100	256QAM	1	1	17.71	17.84	17.71	18.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.85	21.08	20.91	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	20.89	21.03	20.82	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.94	21.06	20.88	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.93	20.99	20.84	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.96	21.11	20.82	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.93	21.11	20.84	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.89	21.10	20.89	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.94	21.01	20.91	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.95	21.03	20.92	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.91	21.00	20.86	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	21.51	21.65	21.55	23.0	0.0
100	PI/2 BPSK	1	137	21.57	21.64	21.61		
100	PI/2 BPSK	1	271	21.52	21.64	21.51		
100	PI/2 BPSK	135	0	21.51	21.57	21.47	22.5	0.5
100	PI/2 BPSK	135	69	21.53	21.58	21.45	23.0	0.0
100	PI/2 BPSK	135	138	21.49	21.60	21.50	22.5	0.5
100	PI/2 BPSK	270	0	21.61	21.64	21.62		
100	QPSK	1	1	21.40	21.71	21.35	23.0	0.0
100	QPSK	1	137	21.61	21.65	21.53		
100	QPSK	1	271	21.52	21.63	21.56		
100	QPSK	135	0	21.55	21.64	21.56	22.0	1.0
100	QPSK	135	69	21.55	21.65	21.54	23.0	0.0
100	QPSK	135	138	21.50	21.55	21.47	22.0	1.0
100	QPSK	270	0	21.36	21.45	21.33		
100	16QAM	1	1	20.76	20.89	20.79	22.0	1.0
100	64QAM	1	1	18.97	19.09	19.00	20.5	2.5
100	256QAM	1	1	17.71	17.84	17.71	18.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.31	21.57	21.20	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	21.26	21.67	21.21	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.35	21.61	21.25	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	21.35	21.65	21.30	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.34	21.67	21.21	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	21.32	21.61	21.31	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	21.28	21.67	21.23	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.25	21.57	21.21	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.26	21.63	21.28	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	21.29	21.56	21.26	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.09	20.09	19.95	21.3	0.0
40	PI/2 BPSK	1	53	19.80	19.86	19.80		
40	PI/2 BPSK	1	104	19.90	19.88	19.67		
40	PI/2 BPSK	50	0	20.05	20.07	19.91	21.3	0.0
40	PI/2 BPSK	50	28	19.82	19.86	19.88	21.3	0.0
40	PI/2 BPSK	50	56	19.77	19.89	19.78	21.3	0.0
40	PI/2 BPSK	100	0	19.80	19.84	19.88		
40	QPSK	1	1	20.05	20.15	20.13	21.3	0.0
40	QPSK	1	53	19.97	19.97	19.94		
40	QPSK	1	104	19.85	20.01	19.99		
40	QPSK	50	0	19.64	19.77	19.79	21.3	0.0
40	QPSK	50	28	19.87	20.07	19.88	21.3	0.0
40	QPSK	50	56	19.75	19.92	19.68	21.3	0.0
40	QPSK	100	0	19.62	19.84	19.73		
40	16QAM	1	1	19.70	19.92	19.83	21.3	0.0
40	64QAM	1	1	19.75	19.86	19.62	20.5	0.8
40	256QAM	1	1	17.10	17.17	17.03	18.5	2.8
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.00	19.90	20.10	21.3	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.90	19.92	20.10	21.3	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.90	19.98	20.01	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.17	17.10	17.02	18.5	0.0
100	PI/2 BPSK	1	137	16.96	17.03	16.94		
100	PI/2 BPSK	1	271	16.96	16.94	16.79		
100	PI/2 BPSK	135	0	17.13	17.21	16.96	18.5	0.0
100	PI/2 BPSK	135	69	16.97	16.96	16.94	18.5	0.0
100	PI/2 BPSK	135	138	16.93	16.95	16.91	18.5	0.0
100	PI/2 BPSK	270	0	16.86	17.05	16.98		
100	QPSK	1	1	17.20	17.25	17.23	18.5	0.0
100	QPSK	1	137	16.94	17.10	17.03		
100	QPSK	1	271	17.01	17.19	17.01		
100	QPSK	135	0	16.77	16.84	16.80	18.5	0.0
100	QPSK	135	69	17.01	17.10	17.06	18.5	0.0
100	QPSK	135	138	16.84	16.98	16.88	18.5	0.0
100	QPSK	270	0	16.77	16.94	16.78		
100	16QAM	1	1	16.90	16.95	16.83	18.5	0.0
100	64QAM	1	1	16.79	16.87	16.81	18.5	0.0
100	256QAM	1	1	16.88	16.95	16.82	17.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.09	17.13	17.17	18.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.14	17.17	17.16	18.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.06	17.16	17.19	18.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.12	17.16	17.14	18.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.11	17.16	17.20	18.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.14	17.13	17.09	18.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.03	17.13	17.18	18.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.14	17.16	17.20	18.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.12	17.14	17.17	18.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.06	17.15	17.13	18.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.15	17.06	17.08	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.13	20.10	20.02	21.5	0.0
100	PI/2 BPSK	1	137	20.05	20.11	20.01		
100	PI/2 BPSK	1	271	19.94	20.01	19.83		
100	PI/2 BPSK	135	0	20.19	20.21	20.05	21.5	0.0
100	PI/2 BPSK	135	69	20.01	20.10	20.02	21.5	0.0
100	PI/2 BPSK	135	138	19.92	20.05	19.99	21.5	0.0
100	PI/2 BPSK	270	0	20.04	20.04	19.98		
100	QPSK	1	1	20.26	20.29	20.18	21.5	0.0
100	QPSK	1	137	20.07	20.16	20.07		
100	QPSK	1	271	19.98	20.20	20.10		
100	QPSK	135	0	19.87	19.93	19.81	21.5	0.0
100	QPSK	135	69	20.12	20.21	20.09	21.5	0.0
100	QPSK	135	138	19.83	19.97	19.83	21.5	0.0
100	QPSK	270	0	19.80	19.94	19.82		
100	16QAM	1	1	19.83	19.96	19.82	21.5	0.0
100	64QAM	1	1	19.90	20.01	19.81	21.5	0.0
100	256QAM	1	1	19.44	19.50	19.36	20.5	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.13	20.25	20.06	21.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.12	20.21	20.15	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.12	20.21	20.07	21.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.19	20.23	20.09	21.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.22	20.19	20.12	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.16	20.12	20.04	21.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.10	20.18	20.05	21.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.10	20.25	20.12	21.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.17	20.23	20.12	21.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.18	20.15	20.05	21.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.18	20.23	20.11	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.49		18.5	0.0
100	PI/2 BPSK	1	137		17.31			
100	PI/2 BPSK	1	271		17.27			
100	PI/2 BPSK	135	0		17.54		18.5	0.0
100	PI/2 BPSK	135	69		17.33		18.5	0.0
100	PI/2 BPSK	135	138		17.33		18.5	0.0
100	PI/2 BPSK	270	0		17.31			
100	QPSK	1	1		17.56		18.5	0.0
100	QPSK	1	137		17.41			
100	QPSK	1	271		17.43			
100	QPSK	135	0		17.18		18.5	0.0
100	QPSK	135	69		17.52		18.5	0.0
100	QPSK	135	138		17.32		18.5	0.0
100	QPSK	270	0		17.18			
100	16QAM	1	1		17.37		18.5	0.0
100	64QAM	1	1		17.21		18.5	0.0
100	256QAM	1	1		17.25		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.41	17.44	17.34	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.43	17.40	17.39	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.35	17.36	17.43	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.38	17.44	17.43	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.45	17.44	17.41	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.38	17.40	17.38	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.40	17.34	17.42	18.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.37	17.42	17.40	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.40	17.46	17.34	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.42	17.46	17.32	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.47	17.36	17.43	18.5	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.53		21.5	0.0
100	PI/2 BPSK	1	137		20.45			
100	PI/2 BPSK	1	271		20.47			
100	PI/2 BPSK	135	0		20.58		21.5	0.0
100	PI/2 BPSK	135	69		20.45		21.5	0.0
100	PI/2 BPSK	135	138		20.49		21.5	0.0
100	PI/2 BPSK	270	0		20.41			
100	QPSK	1	1		20.62		21.5	0.0
100	QPSK	1	137		20.49			
100	QPSK	1	271		20.55			
100	QPSK	135	0		20.23		21.5	0.0
100	QPSK	135	69		20.51		21.5	0.0
100	QPSK	135	138		20.34		21.5	0.0
100	QPSK	270	0		20.24			
100	16QAM	1	1		20.41		21.5	0.0
100	64QAM	1	1		20.25		21.5	0.0
100	256QAM	1	1		20.42		20.5	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.44	20.47	20.47	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.49	20.42	20.46	21.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.49	20.41	20.49	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.50	20.46	20.53	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.45	20.40	20.43	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.42	20.39	20.44	21.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.54	20.42	20.48	21.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.48	20.43	20.48	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.53	20.46	20.42	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.54	20.51	20.50	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.48	20.45	20.54	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.23		18.5	0.0
100	PI/2 BPSK	1	137		16.92			
100	PI/2 BPSK	1	271		16.95			
100	PI/2 BPSK	135	0		17.12		18.5	0.0
100	PI/2 BPSK	135	69		16.99		18.5	0.0
100	PI/2 BPSK	135	138		16.96		18.5	0.0
100	PI/2 BPSK	270	0		16.91			
100	QPSK	1	1		17.25		18.5	0.0
100	QPSK	1	137		16.91			
100	QPSK	1	271		16.97			
100	QPSK	135	0		16.71		18.5	0.0
100	QPSK	135	69		16.99		18.5	0.0
100	QPSK	135	138		16.83		18.5	0.0
100	QPSK	270	0		16.76			
100	16QAM	1	1		16.89		18.5	0.0
100	64QAM	1	1		16.82		18.5	0.0
100	256QAM	1	1		16.87		18.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.12	17.11	17.13	18.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.13	17.10	17.23	18.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.03	17.10	17.23	18.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.10	17.16	17.10	18.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.12	17.18	17.16	18.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.13	17.16	17.15	18.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.15	17.11	17.24	18.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.12	17.11	17.13	18.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.12	17.11	17.18	18.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.03	17.10	17.19	18.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.09	17.14	17.12	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.13		21.5	0.0
100	PI/2 BPSK	1	137		20.18			
100	PI/2 BPSK	1	271		20.07			
100	PI/2 BPSK	135	0		20.15		21.5	0.0
100	PI/2 BPSK	135	69		20.14		21.5	0.0
100	PI/2 BPSK	135	138		20.10		21.5	0.0
100	PI/2 BPSK	270	0		20.07			
100	QPSK	1	1		20.28		21.5	0.0
100	QPSK	1	137		20.11			
100	QPSK	1	271		20.19			
100	QPSK	135	0		19.87		21.5	0.0
100	QPSK	135	69		20.21		21.5	0.0
100	QPSK	135	138		19.91		21.5	0.0
100	QPSK	270	0		19.91			
100	16QAM	1	1		19.99		21.5	0.0
100	64QAM	1	1		20.02		21.5	0.0
100	256QAM	1	1		19.44		20.5	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.16	20.24	20.04	21.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.09	20.25	20.01	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.12	20.18	20.04	21.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.12	20.20	20.02	21.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.10	20.21	20.09	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.19	20.27	20.01	21.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.07	20.25	20.07	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	20.17	20.27	20.01	21.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.20	20.27	20.02	21.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.19	20.23	20.09	21.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.19	20.21	20.03	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.47		18.5	0.0
100	PI/2 BPSK	1	137		17.33			
100	PI/2 BPSK	1	271		17.27			
100	PI/2 BPSK	135	0		17.60		18.5	0.0
100	PI/2 BPSK	135	69		17.27		18.5	0.0
100	PI/2 BPSK	135	138		17.40		18.5	0.0
100	PI/2 BPSK	270	0		17.33			
100	QPSK	1	1		17.57		18.5	0.0
100	QPSK	1	137		17.48			
100	QPSK	1	271		17.48			
100	QPSK	135	0		17.24		18.5	0.0
100	QPSK	135	69		17.56		18.5	0.0
100	QPSK	135	138		17.30		18.5	0.0
100	QPSK	270	0		17.18			
100	16QAM	1	1		17.32		18.5	0.0
100	64QAM	1	1		17.16		18.5	0.0
100	256QAM	1	1		17.28		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.41	17.44	17.36	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.36	17.45	17.34	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.46	17.37	17.39	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.40	17.50	17.27	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.40	17.37	17.30	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.39	17.38	17.38	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.40	17.38	17.29	18.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.36	17.39	17.31	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.40	17.50	17.32	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.42	17.40	17.33	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.44	17.39	17.29	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.55		21.5	0.0
100	PI/2 BPSK	1	137		20.52			
100	PI/2 BPSK	1	271		20.54			
100	PI/2 BPSK	135	0		20.64		21.5	0.0
100	PI/2 BPSK	135	69		20.51		21.5	0.0
100	PI/2 BPSK	135	138		20.51		21.5	0.0
100	PI/2 BPSK	270	0		20.38			
100	QPSK	1	1		20.63		21.5	0.0
100	QPSK	1	137		20.53			
100	QPSK	1	271		20.52			
100	QPSK	135	0		20.20		21.5	0.0
100	QPSK	135	69		20.45		21.5	0.0
100	QPSK	135	138		20.38		21.5	0.0
100	QPSK	270	0		20.28			
100	16QAM	1	1		20.38		21.5	0.0
100	64QAM	1	1		20.27		21.5	0.0
100	256QAM	1	1		20.40		20.5	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.45	20.47	20.50	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.39	20.49	20.52	21.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.46	20.40	20.45	21.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.50	20.49	20.53	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.51	20.52	20.50	21.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.38	20.44	20.49	21.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.43	20.52	20.51	21.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.47	20.48	20.43	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.42	20.41	20.46	21.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.45	20.40	20.43	21.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.38	20.53	20.42	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.41	22.45	22.31	23.0	0.0
100	PI/2 BPSK	1	137	22.31	22.42	22.43		
100	PI/2 BPSK	1	271	22.40	22.43	22.33		
100	PI/2 BPSK	135	0	21.93	21.95	22.04	22.5	0.5
100	PI/2 BPSK	135	69	22.41	22.32	22.43	23.0	0.0
100	PI/2 BPSK	135	138	21.97	21.94	21.94	22.5	0.5
100	PI/2 BPSK	270	0	21.93	21.97	21.94		
100	QPSK	1	1	22.42	22.47	22.36	23.0	0.0
100	QPSK	1	137	22.41	22.35	22.35		
100	QPSK	1	271	22.32	22.40	22.35		
100	QPSK	135	0	21.54	21.45	21.48	22.0	1.0
100	QPSK	135	69	22.36	22.41	22.31	23.0	0.0
100	QPSK	135	138	21.44	21.45	21.47	22.0	1.0
100	QPSK	270	0	21.54	21.56	21.51		
100	16QAM	1	1	21.46	21.45	21.46	22.0	1.0
100	64QAM	1	1	19.97	19.98	20.05	20.5	2.5
100	256QAM	1	1	17.99	17.96	18.03	18.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.27	22.33	22.22	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	22.28	22.32	22.28	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.27	22.30	22.25	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	22.35	22.30	22.20	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.33	22.36	22.30	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	22.29	22.38	22.19	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	22.25	22.30	22.33	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.37	22.44	22.30	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.28	22.40	22.23	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	22.26	22.40	22.22	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.13	23.17	23.03	24.0	0.0
100	PI/2 BPSK	1	137	23.03	23.14	23.15		
100	PI/2 BPSK	1	271	23.12	23.15	23.05		
100	PI/2 BPSK	135	0	22.65	22.67	22.76	23.5	0.5
100	PI/2 BPSK	135	69	23.13	23.04	23.15	24.0	0.0
100	PI/2 BPSK	135	138	22.69	22.66	22.66	23.5	0.5
100	PI/2 BPSK	270	0	22.65	22.69	22.66		
100	QPSK	1	1	23.14	23.19	23.08	24.0	0.0
100	QPSK	1	137	23.13	23.07	23.07		
100	QPSK	1	271	23.04	23.12	23.07		
100	QPSK	135	0	22.26	22.17	22.20	23.0	1.0
100	QPSK	135	69	23.08	23.13	23.03	24.0	0.0
100	QPSK	135	138	22.16	22.17	22.19	23.0	1.0
100	QPSK	270	0	22.26	22.28	22.23		
100	16QAM	1	1	22.18	22.17	22.18	23.0	1.0
100	64QAM	1	1	20.69	20.70	20.77	21.5	2.5
100	256QAM	1	1	18.71	18.68	18.75	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.09	23.08	22.94	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.07	23.06	22.91	24.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.05	23.02	22.98	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	23.10	23.07	23.05	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.11	23.17	22.91	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	23.09	23.12	22.94	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	23.04	23.06	22.94	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.08	23.10	22.96	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.06	23.12	22.94	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	23.11	23.08	22.91	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	18.63	18.65	18.40	19.6	0.0
40	PI/2 BPSK	1	53	18.39	18.49	18.33		
40	PI/2 BPSK	1	104	18.34	18.39	18.31		
40	PI/2 BPSK	50	0	18.59	18.66	18.42	19.6	0.0
40	PI/2 BPSK	50	28	18.32	18.50	18.43	19.6	0.0
40	PI/2 BPSK	50	56	18.29	18.54	18.33		
40	PI/2 BPSK	100	0	18.35	18.41	18.43	19.6	0.0
40	QPSK	1	1	18.57	18.69	18.62		
40	QPSK	1	53	18.40	18.53	18.49		
40	QPSK	1	104	18.40	18.67	18.51		
40	QPSK	50	0	18.26	18.35	18.24	19.6	0.0
40	QPSK	50	28	18.47	18.54	18.53	19.6	0.0
40	QPSK	50	56	18.22	18.40	18.21		
40	QPSK	100	0	18.23	18.32	18.23	19.6	0.0
40	16QAM	1	1	18.28	18.42	18.36	19.6	0.0
40	64QAM	1	1	18.28	18.31	18.22	19.6	0.0
40	256QAM	1	1	18.35	18.44	18.35	19.6	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3585.02	3624.99	3684.99		
30	QPSK	1	1	18.45	18.64	18.50	19.6	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.42	18.65	18.48	19.6	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.40	18.65	18.56	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.64	17.62	17.44	19.3	0.0
100	PI/2 BPSK	1	137	17.39	17.41	17.41		
100	PI/2 BPSK	1	271	17.40	17.48	17.54		
100	PI/2 BPSK	135	0	17.49	17.63	17.43	19.3	0.0
100	PI/2 BPSK	135	69	17.36	17.41	17.46	19.3	0.0
100	PI/2 BPSK	135	138	17.50	17.51	17.42	19.3	0.0
100	PI/2 BPSK	270	0	17.34	17.45	17.38		
100	QPSK	1	1	17.66	17.71	17.65	19.3	0.0
100	QPSK	1	137	17.43	17.63	17.50		
100	QPSK	1	271	17.48	17.65	17.56		
100	QPSK	135	0	17.45	17.31	17.49	19.3	0.0
100	QPSK	135	69	17.55	17.56	17.45	19.3	0.0
100	QPSK	135	138	17.35	17.34	17.34	19.3	0.0
100	QPSK	270	0	17.51	17.55	17.45		
100	16QAM	1	1	17.55	17.47	17.36	19.3	0.0
100	64QAM	1	1	17.48	17.39	17.53	19.3	0.0
100	256QAM	1	1	17.49	17.45	17.54	19.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.59	17.65	17.62	19.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.59	17.62	17.59	19.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.54	17.61	17.49	19.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.60	17.59	17.52	19.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.58	17.65	17.50	19.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.51	17.57	17.57	19.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.54	17.68	17.62	19.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.52	17.66	17.50	19.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.51	17.68	17.61	19.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.57	17.67	17.49	19.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.52	17.55	17.57	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.50	20.52	20.39	22.3	0.0
100	PI/2 BPSK	1	137	20.43	20.48	20.32		
100	PI/2 BPSK	1	271	20.39	20.39	20.47		
100	PI/2 BPSK	135	0	20.50	20.63	20.52	22.3	0.0
100	PI/2 BPSK	135	69	20.33	20.48	20.40	22.3	0.0
100	PI/2 BPSK	135	138	20.39	20.46	20.35	22.3	0.0
100	PI/2 BPSK	270	0	20.34	20.39	20.41		
100	QPSK	1	1	20.64	20.65	20.59	22.3	0.0
100	QPSK	1	137	20.37	20.56	20.48		
100	QPSK	1	271	20.41	20.62	20.41		
100	QPSK	135	0	20.47	20.47	20.40	22.3	0.0
100	QPSK	135	69	20.46	20.51	20.42	22.3	0.0
100	QPSK	135	138	20.43	20.33	20.45	22.3	0.0
100	QPSK	270	0	20.39	20.43	20.41		
100	16QAM	1	1	20.52	20.42	20.40	22.3	0.0
100	64QAM	1	1	20.49	20.50	20.42	22.3	0.0
100	256QAM	1	1	20.36	20.31	20.47	22.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.56	20.59	20.45	22.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.52	20.54	20.45	22.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.53	20.52	20.46	22.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.47	20.60	20.43	22.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.58	20.60	20.48	22.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.53	20.52	20.43	22.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.49	20.55	20.51	22.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.54	20.56	20.47	22.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.52	20.52	20.48	22.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.58	20.59	20.53	22.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.53	20.53	20.53	22.3	0.0

Part27Q n77

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.61		19.3	0.0
100	PI/2 BPSK	1	137		17.51			
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.61		19.3	0.0
100	PI/2 BPSK	135	69		17.50		19.3	0.0
100	PI/2 BPSK	135	138		17.49		19.3	0.0
100	PI/2 BPSK	270	0		17.48			
100	QPSK	1	1		17.70		19.3	0.0
100	QPSK	1	137		17.63			
100	QPSK	1	271		17.57			
100	QPSK	135	0		17.38		19.3	0.0
100	QPSK	135	69		17.56		19.3	0.0
100	QPSK	135	138		17.38		19.3	0.0
100	QPSK	270	0		17.33			
100	16QAM	1	1		17.39		19.3	0.0
100	64QAM	1	1		17.44		19.3	0.0
100	256QAM	1	1		17.42		19.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.48	17.57	17.64	19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.50	17.61	17.63	19.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.49	17.64	17.62	19.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.40	17.66	17.61	19.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.42	17.56	17.64	19.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.52	17.62	17.56	19.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.51	17.63	17.60	19.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.41	17.61	17.54	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.53	17.63	17.55	19.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.51	17.61	17.60	19.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.45	17.69	17.56	19.3	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.52		22.3	0.0
100	PI/2 BPSK	1	137		20.44			
100	PI/2 BPSK	1	271		20.39			
100	PI/2 BPSK	135	0		20.54		22.3	0.0
100	PI/2 BPSK	135	69		20.42		22.3	0.0
100	PI/2 BPSK	135	138		20.48		22.3	0.0
100	PI/2 BPSK	270	0		20.42			
100	QPSK	1	1		20.65		22.3	0.0
100	QPSK	1	137		20.61			
100	QPSK	1	271		20.64			
100	QPSK	135	0		20.35		22.3	0.0
100	QPSK	135	69		20.58		22.3	0.0
100	QPSK	135	138		20.36		22.3	0.0
100	QPSK	270	0		20.36			
100	16QAM	1	1		20.37		22.3	0.0
100	64QAM	1	1		20.39		22.3	0.0
100	256QAM	1	1		20.45		22.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.53	20.50	20.56	22.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.54	20.61	20.52	22.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.52	20.57	20.51	22.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.54	20.60	20.49	22.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.48	20.55	20.56	22.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.51	20.58	20.57	22.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.52	20.60	20.52	22.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.60	20.61	20.48	22.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.59	20.55	20.54	22.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.51	20.54	20.50	22.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.51	20.58	20.53	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		17.63		19.3	0.0
100	PI/2 BPSK	1	137		17.47			
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.58		19.3	0.0
100	PI/2 BPSK	135	69		17.39		19.3	0.0
100	PI/2 BPSK	135	138		17.58		19.3	0.0
100	PI/2 BPSK	270	0		17.50			
100	QPSK	1	1		17.72		19.3	0.0
100	QPSK	1	137		17.58			
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.36		19.3	0.0
100	QPSK	135	69		17.57		19.3	0.0
100	QPSK	135	138		17.33		19.3	0.0
100	QPSK	270	0		17.61			
100	16QAM	1	1		17.45		19.3	0.0
100	64QAM	1	1		17.44		19.3	0.0
100	256QAM	1	1		17.41		19.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.60	17.70	17.56	19.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.56	17.71	17.59	19.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.55	17.71	17.63	19.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.59	17.69	17.55	19.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.58	17.59	17.61	19.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.59	17.82	17.63	19.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.53	17.63	17.64	19.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.54	17.62	17.55	19.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.65	17.64	17.58	19.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.59	17.64	17.62	19.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.53	17.65	17.61	19.3	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.46		22.3	0.0
100	PI/2 BPSK	1	137		20.48			
100	PI/2 BPSK	1	271		20.35			
100	PI/2 BPSK	135	0		20.62		22.3	0.0
100	PI/2 BPSK	135	69		20.42		22.3	0.0
100	PI/2 BPSK	135	138		20.43		22.3	0.0
100	PI/2 BPSK	270	0		20.40			
100	QPSK	1	1		20.63		22.3	0.0
100	QPSK	1	137		20.58			
100	QPSK	1	271		20.55			
100	QPSK	135	0		20.49		22.3	0.0
100	QPSK	135	69		20.48		22.3	0.0
100	QPSK	135	138		20.35		22.3	0.0
100	QPSK	270	0		20.44			
100	16QAM	1	1		20.48		22.3	0.0
100	64QAM	1	1		20.45		22.3	0.0
100	256QAM	1	1		20.38		22.3	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.42	20.42	20.51	22.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.55	20.60	20.46	22.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.54	20.57	20.48	22.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.49	20.54	20.46	22.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.51	20.34	20.51	22.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.54	20.32	20.41	22.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.52	20.32	20.42	22.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.51	20.58	20.49	22.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.56	20.58	20.49	22.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.55	20.36	20.50	22.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.59	20.55	20.40	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.59		19.3	0.0
100	PI/2 BPSK	1	137		17.57			
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	135	0		17.65		19.3	0.0
100	PI/2 BPSK	135	69		17.51		19.3	0.0
100	PI/2 BPSK	135	138		17.54		19.3	0.0
100	PI/2 BPSK	270	0		17.49			
100	QPSK	1	1		17.66		19.3	0.0
100	QPSK	1	137		17.62			
100	QPSK	1	271		17.60			
100	QPSK	135	0		17.38		19.3	0.0
100	QPSK	135	69		17.58		19.3	0.0
100	QPSK	135	138		17.43		19.3	0.0
100	QPSK	270	0		17.32			
100	16QAM	1	1		17.33		19.3	0.0
100	64QAM	1	1		17.48		19.3	0.0
100	256QAM	1	1		17.44		19.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.46	17.59	17.65	19.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.45	17.61	17.61	19.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.50	17.53	17.61	19.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.50	17.56	17.63	19.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.55	17.59	17.59	19.3	0.0
Channel				631334	633334	633334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.42	17.55	17.63	19.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.55	17.61	17.64	19.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.42	17.63	17.63	19.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.48	17.51	17.59	19.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.49	17.53	17.64	19.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.55	17.50	17.62	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.51		22.3	0.0
100	PI/2 BPSK	1	137		20.46			
100	PI/2 BPSK	1	271		20.42			
100	PI/2 BPSK	135	0		20.54		22.3	0.0
100	PI/2 BPSK	135	69		20.37		22.3	0.0
100	PI/2 BPSK	135	138		20.48		22.3	0.0
100	PI/2 BPSK	270	0		20.43			
100	QPSK	1	1		20.70		22.3	0.0
100	QPSK	1	137		20.60			
100	QPSK	1	271		20.58			
100	QPSK	135	0		20.39		22.3	0.0
100	QPSK	135	69		20.55		22.3	0.0
100	QPSK	135	138		20.39		22.3	0.0
100	QPSK	270	0		20.40			
100	16QAM	1	1		20.31		22.3	0.0
100	64QAM	1	1		20.44		22.3	0.0
100	256QAM	1	1		20.52		22.3	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.50	20.51	20.61	22.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.54	20.52	20.50	22.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.54	20.47	20.59	22.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.50	20.54	20.50	22.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.49	20.55	20.58	22.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.52	20.49	20.56	22.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.53	20.56	20.55	22.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.48	20.43	20.57	22.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.48	20.48	20.58	22.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.58	20.53	20.50	22.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.56	20.50	20.56	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	21.64	21.55	21.53	22.3	0.0
40	PI/2 BPSK	1	53	21.48	21.40	21.38		
40	PI/2 BPSK	1	104	21.37	21.49	21.35		
40	PI/2 BPSK	50	0	21.58	21.67	21.39	22.3	0.0
40	PI/2 BPSK	50	28	21.34	21.52	21.37	22.3	0.0
40	PI/2 BPSK	50	56	21.41	21.52	21.41	22.3	0.0
40	PI/2 BPSK	100	0	21.36	21.48	21.38		
40	QPSK	1	1	21.61	21.68	21.63	22.3	0.0
40	QPSK	1	53	21.50	21.65	21.52		
40	QPSK	1	104	21.44	21.65	21.52		
40	QPSK	50	0	21.17	21.36	21.29	22.3	0.0
40	QPSK	50	28	21.53	21.56	21.51	22.3	0.0
40	QPSK	50	56	21.22	21.41	21.25	22.3	0.0
40	QPSK	100	0	21.28	21.41	21.29		
40	16QAM	1	1	21.36	21.38	21.34	22.3	0.0
40	64QAM	1	1	21.33	21.33	21.30	22.3	0.0
40	256QAM	1	1	20.64	20.67	20.62	21.0	1.3
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.56	21.63	21.55	22.3	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.56	21.64	21.49	22.3	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.55	21.64	21.55	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.39	18.39	18.16	19.0	0.0
100	PI/2 BPSK	1	137	18.23	18.28	18.17		
100	PI/2 BPSK	1	271	18.10	18.18	18.06		
100	PI/2 BPSK	135	0	18.29	18.42	18.12	19.0	0.0
100	PI/2 BPSK	135	69	18.13	18.26	18.22	19.0	0.0
100	PI/2 BPSK	135	138	18.12	18.19	18.10	19.0	0.0
100	PI/2 BPSK	270	0	18.13	18.20	18.15		
100	QPSK	1	1	18.36	18.49	18.43	19.0	0.0
100	QPSK	1	137	18.18	18.30	18.35		
100	QPSK	1	271	18.27	18.41	18.19		
100	QPSK	135	0	17.95	18.05	18.01	19.0	0.0
100	QPSK	135	69	18.21	18.34	18.27	19.0	0.0
100	QPSK	135	138	18.05	18.17	18.01	19.0	0.0
100	QPSK	270	0	18.01	18.18	18.02		
100	16QAM	1	1	18.04	18.12	18.08	19.0	0.0
100	64QAM	1	1	18.08	18.11	18.05	19.0	0.0
100	256QAM	1	1	17.01	17.04	16.97	18.0	1.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.31	18.35	18.38	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.30	18.46	18.39	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.24	18.35	18.38	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.33	18.43	18.37	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.23	18.37	18.39	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.24	18.46	18.41	19.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.33	18.42	18.42	19.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.28	18.34	18.31	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.29	18.46	18.29	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.22	18.47	18.36	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.29	18.44	18.40	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.64	21.67	21.58	22.0	0.0
100	PI/2 BPSK	1	137	21.55	21.62	21.56		
100	PI/2 BPSK	1	271	21.57	21.66	21.61		
100	PI/2 BPSK	135	0	19.43	19.52	19.44	20.5	1.5
100	PI/2 BPSK	135	69	21.64	21.69	21.57	22.0	0.0
100	PI/2 BPSK	135	138	20.30	20.41	20.39	20.5	1.5
100	PI/2 BPSK	270	0	20.20	20.31	20.26		
100	QPSK	1	1	21.56	21.75	21.66	22.0	0.0
100	QPSK	1	137	21.57	21.64	21.53		
100	QPSK	1	271	21.55	21.61	21.48		
100	QPSK	135	0	17.21	17.26	17.16	19.0	3.0
100	QPSK	135	69	21.63	21.65	21.52	22.0	0.0
100	QPSK	135	138	18.18	18.25	18.12	19.0	3.0
100	QPSK	270	0	18.15	18.21	18.08		
100	16QAM	1	1	20.52	20.61	20.56	21.5	0.5
100	64QAM	1	1	18.10	18.19	18.09	20.0	2.0
100	256QAM	1	1	16.88	16.99	16.90	18.0	4.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.52	21.72	21.59	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.45	21.64	21.59	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.43	21.64	21.61	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.52	21.71	21.55	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.54	21.67	21.54	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.42	21.64	21.63	22.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.46	21.64	21.55	22.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.53	21.65	21.57	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.43	21.68	21.54	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.45	21.66	21.57	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.52	21.72	21.53	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.97		19.0	0.0
100	PI/2 BPSK	1	137		17.88			
100	PI/2 BPSK	1	271		17.85			
100	PI/2 BPSK	135	0		17.97		19.0	0.0
100	PI/2 BPSK	135	69		17.89		19.0	0.0
100	PI/2 BPSK	135	138		17.81		19.0	0.0
100	PI/2 BPSK	270	0		17.84			
100	QPSK	1	1		18.11		19.0	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.99			
100	QPSK	135	0		17.62		19.0	0.0
100	QPSK	135	69		17.95		19.0	0.0
100	QPSK	135	138		17.79		19.0	0.0
100	QPSK	270	0		17.71			
100	16QAM	1	1		17.79		19.0	0.0
100	64QAM	1	1		17.75		19.0	0.0
100	256QAM	1	1		17.83		18.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.00	17.99	17.99	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.97	18.03	17.98	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.08	18.00	17.96	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.99	18.00	18.10	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.02	18.01	17.96	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.97	18.05	17.99	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.05	18.07	18.02	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.10	18.03	18.02	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.01	17.98	18.09	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.98	18.07	18.05	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.99	17.97	18.04	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.85		22.0	0.0
100	PI/2 BPSK	1	137		21.00			
100	PI/2 BPSK	1	271		20.90			
100	PI/2 BPSK	135	0		20.41		21.0	1.0
100	PI/2 BPSK	135	69		20.95		22.0	0.0
100	PI/2 BPSK	135	138		20.79		21.0	1.0
100	PI/2 BPSK	270	0		20.65			
100	QPSK	1	1		21.04		22.0	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		20.96			
100	QPSK	135	0		20.02		20.5	1.5
100	QPSK	135	69		20.95		22.0	0.0
100	QPSK	135	138		20.30		20.5	1.5
100	QPSK	270	0		20.09			
100	16QAM	1	1		19.15		20.5	1.5
100	64QAM	1	1		18.69		20.0	2.0
100	256QAM	1	1		16.74		18.0	4.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.89	20.91	20.99	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.81	20.78	20.86	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.83	20.86	20.80	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.88	20.86	20.87	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.83	20.85	20.86	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.75	20.78	20.77	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.80	20.83	20.85	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.85	20.85	20.75	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.81	20.82	20.82	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.82	20.86	20.74	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.84	20.79	20.82	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.89		19.0	0.0
100	PI/2 BPSK	1	137		17.85			
100	PI/2 BPSK	1	271		17.88			
100	PI/2 BPSK	135	0		18.03		19.0	0.0
100	PI/2 BPSK	135	69		17.82		19.0	0.0
100	PI/2 BPSK	135	138		17.88		19.0	0.0
100	PI/2 BPSK	270	0		17.77			
100	QPSK	1	1		18.05		19.0	0.0
100	QPSK	1	137		18.02			
100	QPSK	1	271		17.91			
100	QPSK	135	0		17.68		19.0	0.0
100	QPSK	135	69		17.90		19.0	0.0
100	QPSK	135	138		17.72		19.0	0.0
100	QPSK	270	0		17.75			
100	16QAM	1	1		17.79		19.0	0.0
100	64QAM	1	1		17.68		19.0	0.0
100	256QAM	1	1		16.70		18.0	1.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.96	17.94	17.98	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.01	18.01	17.92	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.97	18.02	17.92	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.04	18.03	17.95	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.98	17.92	17.98	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.94	17.96	18.04	19.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.98	17.92	17.95	19.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.98	17.99	17.96	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.92	17.99	17.97	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.96	18.03	17.97	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.97	17.90	17.95	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.83		22.0	0.0
100	PI/2 BPSK	1	137		20.79			
100	PI/2 BPSK	1	271		20.75			
100	PI/2 BPSK	135	0		20.89		21.5	0.5
100	PI/2 BPSK	135	69		20.74		22.0	0.0
100	PI/2 BPSK	135	138		20.79		21.5	0.5
100	PI/2 BPSK	270	0		20.70			
100	QPSK	1	1		20.99		22.0	0.0
100	QPSK	1	137		20.84			
100	QPSK	1	271		20.94			
100	QPSK	135	0		20.65		22.0	0.0
100	QPSK	135	69		20.80		22.0	0.0
100	QPSK	135	138		20.68		22.0	0.0
100	QPSK	270	0		20.66			
100	16QAM	1	1		20.06		21.5	0.5
100	64QAM	1	1		18.24		20.0	2.0
100	256QAM	1	1		16.67		18.0	4.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.87	20.94	20.91	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.95	20.92	20.98	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.88	20.89	20.90	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.92	20.93	20.97	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.86	20.84	20.95	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.93	20.87	20.95	22.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.85	20.97	20.90	22.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.87	20.96	20.97	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.86	20.91	20.88	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.88	20.85	20.97	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.93	20.97	20.86	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		17.99		19.0	0.0
100	PI/2 BPSK	1	137		17.90			
100	PI/2 BPSK	1	271		17.85			
100	PI/2 BPSK	135	0		18.04		19.0	0.0
100	PI/2 BPSK	135	69		17.90		19.0	0.0
100	PI/2 BPSK	135	138		17.89		19.0	0.0
100	PI/2 BPSK	270	0		17.81			
100	QPSK	1	1		18.08		19.0	0.0
100	QPSK	1	137		17.97			
100	QPSK	1	271		17.98			
100	QPSK	135	0		17.73		19.0	0.0
100	QPSK	135	69		18.01		19.0	0.0
100	QPSK	135	138		17.76		19.0	0.0
100	QPSK	270	0		17.81			
100	16QAM	1	1		17.88		19.0	0.0
100	64QAM	1	1		17.77		19.0	0.0
100	256QAM	1	1		16.72		18.0	1.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.05	18.01	17.99	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.96	17.94	18.00	19.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.03	17.99	17.96	19.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.96	18.04	18.02	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.95	18.04	17.96	19.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.97	18.05	18.01	19.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.02	18.01	18.03	19.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.05	18.05	18.01	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.03	18.01	17.97	19.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.04	17.99	18.05	19.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.96	17.95	18.02	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.56		22.0	0.0
100	PI/2 BPSK	1	137		20.55			
100	PI/2 BPSK	1	271		20.53			
100	PI/2 BPSK	135	0		20.73		21.5	0.5
100	PI/2 BPSK	135	69		20.57		22.0	0.0
100	PI/2 BPSK	135	138		20.73		21.5	0.5
100	PI/2 BPSK	270	0		20.74			
100	QPSK	1	1		20.93		22.0	0.0
100	QPSK	1	137		20.56			
100	QPSK	1	271		20.55			
100	QPSK	135	0		19.98		22.0	0.0
100	QPSK	135	69		20.76		22.0	0.0
100	QPSK	135	138		20.66		22.0	0.0
100	QPSK	270	0		20.68			
100	16QAM	1	1		18.60		21.5	0.5
100	64QAM	1	1		18.09		20.0	2.0
100	256QAM	1	1		16.72		18.0	4.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.87	20.83	20.88	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.90	20.84	20.88	22.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.84	20.82	20.88	22.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.79	20.90	20.83	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.83	20.89	20.80	22.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.79	20.84	20.81	22.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.85	20.91	20.87	22.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.88	20.86	20.84	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.85	20.84	20.91	22.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.87	20.82	20.89	22.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.81	20.87	20.86	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
100	PI/2 BPSK	1	1	20.80	20.84	20.71	22.0	0.0
100	PI/2 BPSK	1	137	20.60	20.68	20.60		
100	PI/2 BPSK	1	271	20.59	20.63	20.47		
100	PI/2 BPSK	135	0	20.71	20.82	20.55	22.0	0.0
100	PI/2 BPSK	135	69	20.52	20.65	20.56	22.0	0.0
100	PI/2 BPSK	135	138	20.55	20.76	20.57	22.0	0.0
100	PI/2 BPSK	270	0	20.64	20.70	20.57		
100	QPSK	1	1	20.84	20.90	20.87	22.0	0.0
100	QPSK	1	137	20.68	20.83	20.79		
100	QPSK	1	271	20.69	20.85	20.68		
100	QPSK	135	0	20.50	20.49	20.44	22.0	0.0
100	QPSK	135	69	20.71	20.79	20.64	22.0	0.0
100	QPSK	135	138	20.44	20.57	20.51	22.0	0.0
100	QPSK	270	0	20.46	20.60	20.43		
100	16QAM	1	1	20.48	20.70	20.56	22.0	0.0
100	64QAM	1	1	20.47	20.57	20.40	22.0	0.0
100	256QAM	1	1	20.58	20.62	20.43	22.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.68	20.76	20.73	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.71	20.76	20.71	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.70	20.73	20.73	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.71	20.75	20.77	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.71	20.85	20.82	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.75	20.76	20.78	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.76	20.85	20.72	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.70	20.80	20.76	22.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.75	20.80	20.79	22.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.78	20.77	20.77	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	23.75	23.82	23.64	25.0	0.0
100	PI/2 BPSK	1	137	23.64	23.62	23.51		
100	PI/2 BPSK	1	271	23.62	23.70	23.45		
100	PI/2 BPSK	135	0	23.73	23.81	23.60	25.0	0.0
100	PI/2 BPSK	135	69	23.54	23.69	23.55	25.0	0.0
100	PI/2 BPSK	135	138	23.47	23.71	23.48	25.0	0.0
100	PI/2 BPSK	270	0	23.53	23.66	23.59		
100	QPSK	1	1	23.80	23.88	23.80	25.0	0.0
100	QPSK	1	137	23.58	23.75	23.69		
100	QPSK	1	271	23.71	23.73	23.74		
100	QPSK	135	0	23.43	23.44	23.44	25.0	0.0
100	QPSK	135	69	23.73	23.74	23.67	25.0	0.0
100	QPSK	135	138	23.52	23.56	23.48	25.0	0.0
100	QPSK	270	0	23.39	23.58	23.34		
100	16QAM	1	1	23.48	23.57	23.42	25.0	0.0
100	64QAM	1	1	23.50	23.56	23.38	25.0	0.0
100	256QAM	1	1	22.94	22.96	22.89	23.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.70	23.74	23.71	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.71	23.82	23.63	25.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.69	23.83	23.66	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.72	23.78	23.68	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.65	23.77	23.69	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.73	23.77	23.77	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.70	23.80	23.67	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.74	23.75	23.68	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.64	23.74	23.67	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.65	23.77	23.71	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.89	21.00	20.80	21.5	0.0
40	PI/2 BPSK	1	53	20.84	20.84	20.76		
40	PI/2 BPSK	1	104	20.77	20.75	20.60		
40	PI/2 BPSK	50	0	20.93	20.97	20.76	21.5	0.0
40	PI/2 BPSK	50	28	20.78	20.77	20.75	21.5	0.0
40	PI/2 BPSK	50	56	20.69	20.84	20.66	21.5	0.0
40	PI/2 BPSK	100	0	20.77	20.86	20.83		
40	QPSK	1	1	20.97	21.09	20.95	21.5	0.0
40	QPSK	1	53	20.78	20.89	20.87		
40	QPSK	1	104	20.86	20.91	20.80		
40	QPSK	50	0	20.59	20.66	20.69	21.5	0.0
40	QPSK	50	28	20.84	21.02	20.83	21.5	0.0
40	QPSK	50	56	20.65	20.83	20.63	21.5	0.0
40	QPSK	100	0	20.56	20.98	20.56		
40	16QAM	1	1	20.65	20.79	20.73	21.5	0.0
40	64QAM	1	1	20.73	20.72	20.63	21.5	0.0
40	256QAM	1	1	20.40	20.45	20.33	20.5	1.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	20.93	20.99	20.86	21.5	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	20.87	20.99	20.86	21.5	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	20.93	21.03	20.81	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.57	19.61	19.43	20.8	0.0
100	PI/2 BPSK	1	137	19.39	19.44	19.40		
100	PI/2 BPSK	1	271	19.44	19.51	19.33		
100	PI/2 BPSK	135	0	19.55	19.65	19.46	20.8	0.0
100	PI/2 BPSK	135	69	19.32	19.49	19.37	20.8	0.0
100	PI/2 BPSK	135	138	19.32	19.43	19.35	20.8	0.0
100	PI/2 BPSK	270	0	19.46	19.49	19.43		
100	QPSK	1	1	19.64	19.70	19.60	20.8	0.0
100	QPSK	1	137	19.49	19.65	19.53		
100	QPSK	1	271	19.46	19.67	19.47		
100	QPSK	135	0	19.19	19.37	19.31	20.8	0.0
100	QPSK	135	69	19.47	19.64	19.46	20.8	0.0
100	QPSK	135	138	19.32	19.45	19.25	20.8	0.0
100	QPSK	270	0	19.25	19.41	19.23		
100	16QAM	1	1	19.28	19.48	19.27	20.8	0.0
100	64QAM	1	1	19.25	19.42	19.22	20.8	0.0
100	256QAM	1	1	19.30	19.44	19.31	20.8	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.52	19.59	19.47	20.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.53	19.66	19.56	20.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.54	19.62	19.56	20.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.61	19.65	19.55	20.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.55	19.63	19.47	20.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.55	19.58	19.50	20.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.55	19.61	19.47	20.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.53	19.58	19.49	20.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.52	19.66	19.48	20.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.56	19.57	19.47	20.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.53	19.60	19.52	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.57	22.59	22.38	23.8	0.0
100	PI/2 BPSK	1	137	22.43	22.47	22.36		
100	PI/2 BPSK	1	271	22.39	22.46	22.26		
100	PI/2 BPSK	135	0	22.47	22.59	22.34	23.8	0.0
100	PI/2 BPSK	135	69	22.37	22.46	22.34	23.8	0.0
100	PI/2 BPSK	135	138	22.33	22.40	22.32	23.8	0.0
100	PI/2 BPSK	270	0	22.35	22.44	22.39		
100	QPSK	1	1	22.61	22.64	22.62	23.8	0.0
100	QPSK	1	137	22.46	22.51	22.52		
100	QPSK	1	271	22.44	22.52	22.45		
100	QPSK	135	0	22.19	22.24	22.19	23.8	0.0
100	QPSK	135	69	22.48	22.59	22.41	23.8	0.0
100	QPSK	135	138	22.26	22.39	22.19	23.8	0.0
100	QPSK	270	0	22.23	22.35	22.22		
100	16QAM	1	1	22.25	22.44	22.26	23.8	0.0
100	64QAM	1	1	22.28	22.33	22.16	23.8	0.0
100	256QAM	1	1	21.10	21.16	21.05	22.5	1.3
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.54	22.58	22.55	23.8	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.56	22.56	22.52	23.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.48	22.55	22.48	23.8	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.52	22.62	22.50	23.8	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.48	22.51	22.57	23.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.50	22.60	22.60	23.8	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.47	22.62	22.53	23.8	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.48	22.58	22.49	23.8	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.54	22.54	22.56	23.8	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.48	22.57	22.50	23.8	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.49	22.57	22.49	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.30		20.8	0.0
100	PI/2 BPSK	1	137		20.23			
100	PI/2 BPSK	1	271		20.21			
100	PI/2 BPSK	135	0		20.38		20.8	0.0
100	PI/2 BPSK	135	69		20.22		20.8	0.0
100	PI/2 BPSK	135	138		20.22		20.8	0.0
100	PI/2 BPSK	270	0		20.19			
100	QPSK	1	1		20.39		20.8	0.0
100	QPSK	1	137		20.29			
100	QPSK	1	271		20.34			
100	QPSK	135	0		20.11		20.8	0.0
100	QPSK	135	69		20.31		20.8	0.0
100	QPSK	135	138		20.16		20.8	0.0
100	QPSK	270	0		20.07			
100	16QAM	1	1		20.24		20.8	0.0
100	64QAM	1	1		20.08		20.8	0.0
100	256QAM	1	1		20.19		20.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.30	20.30	20.32	20.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.27	20.33	20.31	20.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.30	20.34	20.26	20.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.33	20.36	20.29	20.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.26	20.36	20.36	20.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.25	20.29	20.27	20.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.36	20.35	20.34	20.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.26	20.26	20.30	20.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.32	20.27	20.31	20.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.27	20.36	20.32	20.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.25	20.27	20.33	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.29		23.8	0.0
100	PI/2 BPSK	1	137		23.22			
100	PI/2 BPSK	1	271		23.13			
100	PI/2 BPSK	135	0		23.38		23.8	0.0
100	PI/2 BPSK	135	69		23.13		23.8	0.0
100	PI/2 BPSK	135	138		23.20		23.8	0.0
100	PI/2 BPSK	270	0		23.17		23.8	0.0
100	QPSK	1	1		23.45		23.8	0.0
100	QPSK	1	137		23.26			
100	QPSK	1	271		23.32			
100	QPSK	135	0		23.06		23.8	0.0
100	QPSK	135	69		23.42		23.8	0.0
100	QPSK	135	138		23.15		23.8	0.0
100	QPSK	270	0		23.04		23.8	0.0
100	16QAM	1	1		23.08		23.8	0.0
100	64QAM	1	1		23.04		23.8	0.0
100	256QAM	1	1		21.93		22.5	1.3
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.34	23.33	23.36	23.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.40	23.33	23.36	23.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.35	23.35	23.32	23.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.32	23.39	23.37	23.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.39	23.34	23.37	23.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.35	23.42	23.39	23.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.35	23.32	23.31	23.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.34	23.35	23.37	23.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.43	23.43	23.32	23.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.42	23.41	23.38	23.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.39	23.38	23.35	23.8	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		20.22		20.8	0.0
100	PI/2 BPSK	1	137		20.21			
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.25		20.8	0.0
100	PI/2 BPSK	135	69		20.09		20.8	0.0
100	PI/2 BPSK	135	138		20.18		20.8	0.0
100	PI/2 BPSK	270	0		20.05		20.8	0.0
100	QPSK	1	1		20.35			
100	QPSK	1	137		20.24			
100	QPSK	1	271		20.26			
100	QPSK	135	0		19.99		20.8	0.0
100	QPSK	135	69		20.17		20.8	0.0
100	QPSK	135	138		20.12		20.8	0.0
100	QPSK	270	0		19.98		20.8	0.0
100	16QAM	1	1		20.21		20.8	0.0
100	64QAM	1	1		20.01		20.8	0.0
100	256QAM	1	1		20.13		20.8	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.23	20.21	20.27	20.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.29	20.30	20.30	20.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.23	20.30	20.23	20.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.24	20.31	20.23	20.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.23	20.26	20.32	20.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.23	20.33	20.31	20.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.27	20.29	20.24	20.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.26	20.30	20.33	20.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.28	20.24	20.29	20.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.29	20.25	20.22	20.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.30	20.26	20.31	20.8	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		23.16		23.8	0.0
100	PI/2 BPSK	1	137		23.15			
100	PI/2 BPSK	1	271		23.00			
100	PI/2 BPSK	135	0		23.30		23.8	0.0
100	PI/2 BPSK	135	69		23.05		23.8	0.0
100	PI/2 BPSK	135	138		23.10		23.8	0.0
100	PI/2 BPSK	270	0		23.04		23.8	0.0
100	QPSK	1	1		23.34			
100	QPSK	1	137		23.18			
100	QPSK	1	271		23.22			
100	QPSK	135	0		23.02		23.8	0.0
100	QPSK	135	69		23.31		23.8	0.0
100	QPSK	135	138		23.03		23.8	0.0
100	QPSK	270	0		22.99		23.8	0.0
100	16QAM	1	1		23.04		23.8	0.0
100	64QAM	1	1		22.95		23.8	0.0
100	256QAM	1	1		21.41		22.5	1.3
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.20	23.25	23.21	23.8	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.21	23.27	23.31	23.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.27	23.22	23.28	23.8	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.22	23.25	23.25	23.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.21	23.24	23.22	23.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.22	23.32	23.27	23.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.30	23.21	23.32	23.8	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.23	23.25	23.29	23.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.27	23.20	23.22	23.8	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.21	23.29	23.30	23.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.21	23.24	23.32	23.8	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.18		20.8	0.0
100	PI/2 BPSK	1	137		20.16			
100	PI/2 BPSK	1	271		19.98			
100	PI/2 BPSK	135	0		20.13		20.8	0.0
100	PI/2 BPSK	135	69		20.03		20.8	0.0
100	PI/2 BPSK	135	138		20.12		20.8	0.0
100	PI/2 BPSK	270	0		20.01			
100	QPSK	1	1		20.29		20.8	0.0
100	QPSK	1	137		20.13			
100	QPSK	1	271		20.14			
100	QPSK	135	0		19.94		20.8	0.0
100	QPSK	135	69		20.13		20.8	0.0
100	QPSK	135	138		20.02		20.8	0.0
100	QPSK	270	0		19.87			
100	16QAM	1	1		20.16		20.8	0.0
100	64QAM	1	1		19.96		20.8	0.0
100	256QAM	1	1		19.99		20.8	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.17	20.19	20.20	20.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.20	20.23	20.20	20.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.16	20.25	20.26	20.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.26	20.16	20.18	20.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.18	20.26	20.17	20.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.16	20.26	20.20	20.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.25	20.24	20.25	20.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.22	20.25	20.19	20.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.19	20.18	20.26	20.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.25	20.17	20.18	20.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.24	20.22	20.24	20.8	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.29		23.8	0.0
100	PI/2 BPSK	1	137		23.22			
100	PI/2 BPSK	1	271		23.13			
100	PI/2 BPSK	135	0		23.38		23.8	0.0
100	PI/2 BPSK	135	69		23.13		23.8	0.0
100	PI/2 BPSK	135	138		23.20		23.8	0.0
100	PI/2 BPSK	270	0		23.17			
100	QPSK	1	1		23.45		23.8	0.0
100	QPSK	1	137		23.26			
100	QPSK	1	271		23.32			
100	QPSK	135	0		23.06		23.8	0.0
100	QPSK	135	69		23.42		23.8	0.0
100	QPSK	135	138		23.15		23.8	0.0
100	QPSK	270	0		23.04			
100	16QAM	1	1		23.08		23.8	0.0
100	64QAM	1	1		23.04		23.8	0.0
100	256QAM	1	1		21.63		22.5	1.3
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.37	23.40	23.43	23.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.39	23.41	23.41	23.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.33	23.43	23.32	23.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.33	23.41	23.35	23.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.38	23.31	23.33	23.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.33	23.43	23.40	23.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.35	23.39	23.37	23.8	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.39	23.38	23.42	23.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.42	23.36	23.31	23.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.35	23.37	23.36	23.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				26.2	26.28	26.2		
10	QPSK	1	1	23.41	23.32	23.42	23.8	0.0

Reduced Power Mode for Other PA DSI7

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.37	15.26	15.18	16.9	0.0
20	PI/2 BPSK	1	53	15.17	15.16	15.19		
20	PI/2 BPSK	1	104	15.12	15.17	15.13		
20	PI/2 BPSK	50	0	15.30	15.37	15.10	16.9	0.0
20	PI/2 BPSK	50	28	15.10	15.22	15.16	16.9	0.0
20	PI/2 BPSK	50	56	15.13	15.34	15.03	16.9	0.0
20	PI/2 BPSK	100	0	15.21	15.29	15.17		
20	QPSK	1	1	15.40	15.46	15.40	16.9	0.0
20	QPSK	1	53	15.25	15.40	15.30		
20	QPSK	1	104	15.33	15.42	15.33		
20	QPSK	50	0	15.01	15.00	15.01	16.9	0.0
20	QPSK	50	28	15.32	15.34	15.21	16.9	0.0
20	QPSK	50	56	15.05	15.12	15.07	16.9	0.0
20	QPSK	100	0	15.05	15.06	15.02		
20	16QAM	1	1	15.04	15.12	15.07	16.9	0.0
20	64QAM	1	1	14.99	15.13	14.97	16.9	0.0
20	256QAM	1	1	15.15	15.17	15.06	16.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.41	15.39	15.40	16.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.40	15.34	15.34	16.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.42	15.35	15.41	16.9	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.36	15.31	15.17	16.9	0.0
40	PI/2 BPSK	1	108	15.22	15.18	15.16		
40	PI/2 BPSK	1	214	15.14	15.18	15.09		
40	PI/2 BPSK	108	0	15.34	15.41	15.09	16.9	0.0
40	PI/2 BPSK	108	54	15.10	15.24	15.11	16.9	0.0
40	PI/2 BPSK	108	108	15.10	15.29	15.07	16.9	0.0
40	PI/2 BPSK	216	0	15.15	15.25	15.11		
40	QPSK	1	1	15.38	15.42	15.38	16.9	0.0
40	QPSK	1	108	15.23	15.36	15.32		
40	QPSK	1	214	15.28	15.40	15.30		
40	QPSK	108	0	15.00	15.05	15.07	16.9	0.0
40	QPSK	108	54	15.29	15.30	15.24	16.9	0.0
40	QPSK	108	108	15.07	15.16	15.02	16.9	0.0
40	QPSK	216	0	15.03	15.07	14.99		
40	16QAM	1	1	15.04	15.13	15.09	16.9	0.0
40	64QAM	1	1	15.01	15.14	15.00	16.9	0.0
40	256QAM	1	1	15.14	15.21	15.02	16.9	0.0
Channel				371500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	15.02	15.21	15.20	16.9	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.28	15.30	15.23	16.9	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.29	15.30	15.32	16.9	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.30	15.28	15.28	16.9	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.29	15.29	15.22	16.9	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.25	15.32	15.28	16.9	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.29	15.26	15.27	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.55	16.56	16.51	17.6	0.0
40	PI/2 BPSK	1	108	16.37	16.51	16.35		
40	PI/2 BPSK	1	214	16.41	16.50	16.35		
40	PI/2 BPSK	108	0	16.51	16.64	16.45	17.6	0.0
40	PI/2 BPSK	108	54	16.42	16.43	16.40	17.6	0.0
40	PI/2 BPSK	108	108	16.33	16.42	16.36	17.6	0.0
40	PI/2 BPSK	216	0	16.41	16.41	16.42		
40	QPSK	1	1	16.60	16.67	16.64	17.6	0.0
40	QPSK	1	108	16.43	16.53	16.55		
40	QPSK	1	214	16.49	16.66	16.53		
40	QPSK	108	0	16.26	16.32	16.34	17.6	0.0
40	QPSK	108	54	16.51	16.54	16.46	17.6	0.0
40	QPSK	108	108	16.22	16.46	16.30	17.6	0.0
40	QPSK	216	0	16.23	16.40	16.22		
40	16QAM	1	1	16.33	16.38	16.29	17.6	0.0
40	64QAM	1	1	16.28	16.42	16.25	17.6	0.0
40	256QAM	1	1	16.38	16.44	16.26	17.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.45	16.48	16.53	17.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.54	16.61	16.51	17.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.48	16.59	16.56	17.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.46	16.55	16.56	17.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.48	16.60	16.56	17.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.54	16.57	16.57	17.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.46	16.52	16.50	17.6	0.0

n2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.15	15.14	15.14	16.8	0.0
20	PI/2 BPSK	1	53	15.07	15.03	14.88		
20	PI/2 BPSK	1	104	15.00	15.09	14.83		
20	PI/2 BPSK	50	0	15.19	15.21	15.07	16.8	0.0
20	PI/2 BPSK	50	28	15.01	15.05	15.00	16.8	0.0
20	PI/2 BPSK	50	56	14.87	15.01	14.91	16.8	0.0
20	PI/2 BPSK	100	0	15.00	15.04	15.00		
20	QPSK	1	1	15.21	15.26	15.23	16.8	0.0
20	QPSK	1	53	14.97	15.13	15.12		
20	QPSK	1	104	15.08	15.14	15.10		
20	QPSK	50	0	14.87	14.91	14.92	16.8	0.0
20	QPSK	50	28	15.14	15.21	15.04	16.8	0.0
20	QPSK	50	56	14.92	14.91	14.90	16.8	0.0
20	QPSK	100	0	14.83	14.97	14.81		
20	16QAM	1	1	14.87	15.00	14.95	16.8	0.0
20	64QAM	1	1	14.94	14.94	14.79	16.8	0.0
20	256QAM	1	1	14.98	14.90	14.93	16.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.20	15.24	15.18	16.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.19	15.21	15.16	16.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.10	15.13	15.16	16.8	0.0

n25

BW [MHz]	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	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.10	15.18	15.08	16.8	0.0
40	PI/2 BPSK	1	108	15.04	15.00	14.91		
40	PI/2 BPSK	1	214	14.96	15.08	14.87		
40	PI/2 BPSK	108	0	15.15	15.21	15.01	16.8	0.0
40	PI/2 BPSK	108	54	14.98	15.10	15.02	16.8	0.0
40	PI/2 BPSK	108	108	14.93	15.07	14.88	16.8	0.0
40	PI/2 BPSK	216	0	14.99	15.10	15.05		
40	QPSK	1	1	15.20	15.26	15.23	16.8	0.0
40	QPSK	1	108	14.99	15.14	15.17		
40	QPSK	1	214	15.03	15.19	15.08		
40	QPSK	108	0	14.82	14.90	14.89	16.8	0.0
40	QPSK	108	54	15.09	15.22	15.09	16.8	0.0
40	QPSK	108	108	14.91	15.01	14.88	16.8	0.0
40	QPSK	216	0	14.83	14.90	14.87		
40	16QAM	1	1	14.87	14.97	14.94	16.8	0.0
40	64QAM	1	1	14.91	14.96	14.85	16.8	0.0
40	256QAM	1	1	14.97	14.95	14.88	16.8	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	15.02	15.01	15.06	16.8	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.06	15.07	15.03	16.8	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	14.98	15.02	15.04	16.8	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	14.96	15.06	15.05	16.8	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	14.99	15.01	15.06	16.8	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	14.97	15.04	15.03	16.8	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	14.99	15.05	15.04	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.18	16.20	16.07	17.5	0.0
40	PI/2 BPSK	1	108	16.04	16.04	16.00		
40	PI/2 BPSK	1	214	16.00	16.03	15.87		
40	PI/2 BPSK	108	0	16.16	16.15	16.01	17.5	0.0
40	PI/2 BPSK	108	54	15.93	16.04	15.93	17.5	0.0
40	PI/2 BPSK	108	108	15.93	16.10	15.97	17.5	0.0
40	PI/2 BPSK	216	0	16.00	16.02	15.97		
40	QPSK	1	1	16.22	16.26	16.24	17.5	0.0
40	QPSK	1	108	16.05	16.17	16.06		
40	QPSK	1	214	16.08	16.19	16.09		
40	QPSK	108	0	15.77	15.93	15.83	17.5	0.0
40	QPSK	108	54	16.03	16.22	16.00	17.5	0.0
40	QPSK	108	108	15.91	16.01	15.85	17.5	0.0
40	QPSK	216	0	15.77	15.98	15.76		
40	16QAM	1	1	15.92	15.99	15.86	17.5	0.0
40	64QAM	1	1	15.93	15.98	15.83	17.5	0.0
40	256QAM	1	1	15.94	15.94	15.84	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	16.09	16.02	16.08	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.16	16.10	16.11	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	16.15	16.19	16.08	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.15	16.16	16.19	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	16.16	16.13	16.19	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.21	16.17	16.15	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	16.13	16.12	16.09	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				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	10.02	10.02	9.86	10.9	0.0
100	PI/2 BPSK	1	137	9.86	9.92	9.78		
100	PI/2 BPSK	1	271	9.84	9.86	9.70		
100	PI/2 BPSK	135	0	9.92	10.03	9.83	10.9	0.0
100	PI/2 BPSK	135	69	9.74	9.89	9.84	10.9	0.0
100	PI/2 BPSK	135	138	9.75	9.88	9.72	10.9	0.0
100	PI/2 BPSK	270	0	9.83	9.86	9.78		
100	QPSK	1	1	10.09	10.12	10.04	10.9	0.0
100	QPSK	1	137	9.93	10.05	9.94		
100	QPSK	1	271	9.83	10.03	9.91		
100	QPSK	135	0	9.62	9.74	9.64	10.9	0.0
100	QPSK	135	69	9.91	10.02	9.92	10.9	0.0
100	QPSK	135	138	9.69	9.76	9.66	10.9	0.0
100	QPSK	270	0	9.59	9.72	9.67		
100	16QAM	1	1	9.72	9.89	9.66	10.9	0.0
100	64QAM	1	1	9.72	9.75	9.66	10.9	0.0
100	256QAM	1	1	9.70	9.81	9.74	10.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	9.99	9.96	9.89	10.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	10.06	10.10	9.98	10.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	10.04	10.08	9.96	10.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	10.04	9.94	9.97	10.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	10.05	10.00	9.96	10.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	10.01	10.03	9.95	10.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	9.98	9.96	9.97	10.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	10.03	9.97	9.94	10.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	9.98	10.06	9.88	10.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	9.91	9.97	9.89	10.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.84	12.83	12.71	13.9	0.0
100	PI/2 BPSK	1	137	12.62	12.67	12.53		
100	PI/2 BPSK	1	271	12.63	12.68	12.44		
100	PI/2 BPSK	135	0	12.75	12.84	12.58	13.9	0.0
100	PI/2 BPSK	135	69	12.62	12.66	12.67	13.9	0.0
100	PI/2 BPSK	135	138	12.54	12.64	12.50	13.9	0.0
100	PI/2 BPSK	270	0	12.57	12.72	12.66		
100	QPSK	1	1	12.83	12.96	12.80	13.9	0.0
100	QPSK	1	137	12.62	12.86	12.70		
100	QPSK	1	271	12.73	12.83	12.67		
100	QPSK	135	0	12.44	12.53	12.45	13.9	0.0
100	QPSK	135	69	12.72	12.80	12.73	13.9	0.0
100	QPSK	135	138	12.48	12.58	12.55	13.9	0.0
100	QPSK	270	0	12.49	12.57	12.39		
100	16QAM	1	1	12.49	12.66	12.56	13.9	0.0
100	64QAM	1	1	12.48	12.55	12.47	13.9	0.0
100	256QAM	1	1	12.60	12.56	12.48	13.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.75	12.87	12.72	13.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	12.70	12.90	12.77	13.9	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.76	12.79	12.76	13.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.77	12.83	12.72	13.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.79	12.93	12.77	13.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.80	12.88	12.78	13.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.68	12.83	12.77	13.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.73	12.82	12.70	13.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.80	12.81	12.72	13.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.68	12.89	12.62	13.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	12.74	12.76	12.63	14.0	0.0
100	PI/2 BPSK	1	137	12.59	12.70	12.59		
100	PI/2 BPSK	1	271	12.60	12.69	12.51		
100	PI/2 BPSK	135	0	12.73	12.76	12.65	14.0	0.0
100	PI/2 BPSK	135	69	12.53	12.65	12.64	14.0	0.0
100	PI/2 BPSK	135	138	12.55	12.68	12.54	14.0	0.0
100	PI/2 BPSK	270	0	12.58	12.64	12.61		
100	QPSK	1	1	12.85	12.89	12.86	14.0	0.0
100	QPSK	1	137	12.63	12.84	12.68		
100	QPSK	1	271	12.68	12.82	12.74		
100	QPSK	135	0	12.39	12.46	12.44	14.0	0.0
100	QPSK	135	69	12.72	12.75	12.72	14.0	0.0
100	QPSK	135	138	12.42	12.55	12.42	14.0	0.0
100	QPSK	270	0	12.43	12.51	12.42		
100	16QAM	1	1	12.55	12.59	12.50	14.0	0.0
100	64QAM	1	1	12.50	12.54	12.44	14.0	0.0
100	256QAM	1	1	12.51	12.61	12.43	14.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.70	12.80	12.71	14.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.75	12.78	12.78	14.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.78	12.84	12.81	14.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.76	12.77	12.71	14.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.80	12.79	12.78	14.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.73	12.80	12.74	14.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.74	12.76	12.70	14.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.80	12.86	12.74	14.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	12.79	12.79	12.80	14.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	12.70	12.83	12.81	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.81	15.78	15.64	17.0	0.0
100	PI/2 BPSK	1	137	15.60	15.63	15.54		
100	PI/2 BPSK	1	271	15.60	15.60	15.53		
100	PI/2 BPSK	135	0	15.68	15.78	15.57	17.0	0.0
100	PI/2 BPSK	135	69	15.53	15.62	15.64	17.0	0.0
100	PI/2 BPSK	135	138	15.58	15.64	15.55	17.0	0.0
100	PI/2 BPSK	270	0	15.50	15.66	15.64		
100	QPSK	1	1	15.81	15.87	15.85	17.0	0.0
100	QPSK	1	137	15.59	15.70	15.66		
100	QPSK	1	271	15.69	15.74	15.74		
100	QPSK	135	0	15.41	15.50	15.46	17.0	0.0
100	QPSK	135	69	15.71	15.81	15.70	17.0	0.0
100	QPSK	135	138	15.47	15.55	15.50	17.0	0.0
100	QPSK	270	0	15.41	15.54	15.46		
100	16QAM	1	1	15.46	15.57	15.44	17.0	0.0
100	64QAM	1	1	15.51	15.59	15.38	17.0	0.0
100	256QAM	1	1	15.48	15.64	15.45	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.77	15.81	15.81	17.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.68	15.84	15.71	17.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	15.65	15.74	15.81	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.75	15.70	15.74	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.76	15.70	15.69	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.69	15.75	15.70	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.77	15.75	15.70	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.72	15.75	15.70	17.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.75	15.78	15.71	17.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.68	15.83	15.78	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.51	13.44	13.34	14.6	0.0
40	PI/2 BPSK	1	53	13.38	13.42	13.30		
40	PI/2 BPSK	1	104	13.26	13.44	13.14		
40	PI/2 BPSK	50	0	13.47	13.49	13.31	14.6	0.0
40	PI/2 BPSK	50	28	13.29	13.36	13.24	14.6	0.0
40	PI/2 BPSK	50	56	13.22	13.43	13.32	14.6	0.0
40	PI/2 BPSK	100	0	13.35	13.34	13.28		
40	QPSK	1	1	13.50	13.58	13.50	14.6	0.0
40	QPSK	1	53	13.39	13.56	13.42		
40	QPSK	1	104	13.38	13.54	13.45		
40	QPSK	50	0	13.08	13.25	13.13	14.6	0.0
40	QPSK	50	28	13.46	13.52	13.43	14.6	0.0
40	QPSK	50	56	13.19	13.28	13.24	14.6	0.0
40	QPSK	100	0	13.08	13.22	13.19		
40	16QAM	1	1	13.20	13.30	13.27	14.6	0.0
40	64QAM	1	1	13.16	13.28	13.16	14.6	0.0
40	256QAM	1	1	13.24	13.26	13.17	14.6	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	13.37	13.43	13.43	14.6	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	13.38	13.41	13.44	14.6	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	13.43	13.54	13.38	14.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.58	13.65	13.53	13.9	0.0
100	PI/2 BPSK	1	137	13.44	13.56	13.44		
100	PI/2 BPSK	1	271	13.45	13.56	13.38		
100	PI/2 BPSK	135	0	13.60	13.62	13.41	13.9	0.0
100	PI/2 BPSK	135	69	13.48	13.49	13.41	13.9	0.0
100	PI/2 BPSK	135	138	13.39	13.57	13.41	13.9	0.0
100	PI/2 BPSK	270	0	13.48	13.57	13.44		
100	QPSK	1	1	13.67	13.71	13.66	13.9	0.0
100	QPSK	1	137	13.57	13.63	13.64		
100	QPSK	1	271	13.56	13.66	13.53		
100	QPSK	135	0	13.26	13.42	13.29	13.9	0.0
100	QPSK	135	69	13.57	13.63	13.58	13.9	0.0
100	QPSK	135	138	13.37	13.47	13.38	13.9	0.0
100	QPSK	270	0	13.31	13.38	13.33		
100	16QAM	1	1	13.35	13.52	13.38	13.9	0.0
100	64QAM	1	1	13.40	13.41	13.35	13.9	0.0
100	256QAM	1	1	13.35	13.46	13.32	13.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.59	13.59	13.53	13.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.56	13.68	13.52	13.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.57	13.65	13.63	13.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.56	13.58	13.60	13.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.54	13.60	13.55	13.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.60	13.58	13.63	13.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.61	13.67	13.52	13.9	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.61	13.62	13.56	13.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.63	13.65	13.56	13.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.55	13.59	13.54	13.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.62	13.63	13.59	13.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.54	16.51	16.43	16.9	0.0
100	PI/2 BPSK	1	137	16.32	16.38	16.32		
100	PI/2 BPSK	1	271	16.30	16.39	16.22		
100	PI/2 BPSK	135	0	16.49	16.59	16.33	16.9	0.0
100	PI/2 BPSK	135	69	16.31	16.44	16.31	16.9	0.0
100	PI/2 BPSK	135	138	16.31	16.41	16.26	16.9	0.0
100	PI/2 BPSK	270	0	16.40	16.38	16.38		
100	QPSK	1	1	16.59	16.68	16.62	16.9	0.0
100	QPSK	1	137	16.45	16.52	16.51		
100	QPSK	1	271	16.38	16.55	16.47		
100	QPSK	135	0	16.19	16.32	16.21	16.9	0.0
100	QPSK	135	69	16.43	16.49	16.41	16.9	0.0
100	QPSK	135	138	16.26	16.38	16.23	16.9	0.0
100	QPSK	270	0	16.23	16.36	16.22		
100	16QAM	1	1	16.31	16.34	16.22	16.9	0.0
100	64QAM	1	1	16.28	16.36	16.22	16.9	0.0
100	256QAM	1	1	16.31	16.31	16.26	16.9	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.48	16.64	16.50	16.9	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.51	16.59	16.48	16.9	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.48	16.61	16.58	16.9	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.49	16.63	16.48	16.9	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.55	16.66	16.53	16.9	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.48	16.65	16.51	16.9	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.49	16.63	16.54	16.9	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.45	16.59	16.57	16.9	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.47	16.57	16.59	16.9	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.55	16.59	16.50	16.9	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.51	16.63	16.51	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.42		13.9	0.0
100	PI/2 BPSK	1	137		13.26			
100	PI/2 BPSK	1	271		13.27			
100	PI/2 BPSK	135	0		13.51		13.9	0.0
100	PI/2 BPSK	135	69		13.37		13.9	0.0
100	PI/2 BPSK	135	138		13.32		13.9	0.0
100	PI/2 BPSK	270	0		13.37			
100	QPSK	1	1		13.62		13.9	0.0
100	QPSK	1	137		13.45			
100	QPSK	1	271		13.49			
100	QPSK	135	0		13.20		13.9	0.0
100	QPSK	135	69		13.57		13.9	0.0
100	QPSK	135	138		13.32		13.9	0.0
100	QPSK	270	0		13.17			
100	16QAM	1	1		13.27		13.9	0.0
100	64QAM	1	1		13.21		13.9	0.0
100	256QAM	1	1		13.23		13.9	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.54	13.59	13.58	13.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.56	13.60	13.58	13.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.59	13.54	13.49	13.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.54	13.55	13.58	13.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.60	13.53	13.59	13.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.50	13.53	13.57	13.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.51	13.59	13.58	13.9	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.49	13.54	13.50	13.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.53	13.55	13.56	13.9	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.60	13.59	13.49	13.9	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.55	13.57	13.57	13.9	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.47		16.9	0.0
100	PI/2 BPSK	1	137		16.27			
100	PI/2 BPSK	1	271		16.30			
100	PI/2 BPSK	135	0		16.53		16.9	0.0
100	PI/2 BPSK	135	69		16.29		16.9	0.0
100	PI/2 BPSK	135	138		16.35		16.9	0.0
100	PI/2 BPSK	270	0		16.26			
100	QPSK	1	1		16.58		16.9	0.0
100	QPSK	1	137		16.45			
100	QPSK	1	271		16.42			
100	QPSK	135	0		16.17		16.9	0.0
100	QPSK	135	69		16.53		16.9	0.0
100	QPSK	135	138		16.23		16.9	0.0
100	QPSK	270	0		16.24			
100	16QAM	1	1		16.33		16.9	0.0
100	64QAM	1	1		16.23		16.9	0.0
100	256QAM	1	1		16.25		16.9	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.51	16.47	16.51	16.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.44	16.48	16.49	16.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.53	16.53	16.51	16.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.53	16.45	16.49	16.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.55	16.46	16.49	16.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.52	16.45	16.52	16.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.54	16.47	16.53	16.9	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.53	16.47	16.47	16.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.54	16.55	16.48	16.9	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.52	16.56	16.54	16.9	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.47	16.55	16.51	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.40		13.9	0.0
100	PI/2 BPSK	1	137		13.14			
100	PI/2 BPSK	1	271		13.15			
100	PI/2 BPSK	135	0		13.38		13.9	0.0
100	PI/2 BPSK	135	69		13.23		13.9	0.0
100	PI/2 BPSK	135	138		13.19		13.9	0.0
100	PI/2 BPSK	270	0		13.30			
100	QPSK	1	1		13.52		13.9	0.0
100	QPSK	1	137		13.35			
100	QPSK	1	271		13.39			
100	QPSK	135	0		13.10		13.9	0.0
100	QPSK	135	69		13.50		13.9	0.0
100	QPSK	135	138		13.30		13.9	0.0
100	QPSK	270	0		13.06			
100	16QAM	1	1		13.24		13.9	0.0
100	64QAM	1	1		13.16		13.9	0.0
100	256QAM	1	1		13.15		13.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.41	13.47	13.48	13.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.47	13.44	13.42	13.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.45	13.44	13.45	13.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.49	13.42	13.42	13.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.40	13.45	13.43	13.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.42	13.38	13.42	13.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.49	13.48	13.40	13.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.47	13.42	13.48	13.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.48	13.43	13.49	13.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.39	13.43	13.47	13.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.43	13.47	13.50	13.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		16.38		16.9	0.0
100	PI/2 BPSK	1	137		16.23			
100	PI/2 BPSK	1	271		16.16			
100	PI/2 BPSK	135	0		16.50		16.9	0.0
100	PI/2 BPSK	135	69		16.26		16.9	0.0
100	PI/2 BPSK	135	138		16.24		16.9	0.0
100	PI/2 BPSK	270	0		16.14			
100	QPSK	1	1		16.56		16.9	0.0
100	QPSK	1	137		16.31			
100	QPSK	1	271		16.31			
100	QPSK	135	0		16.10		16.9	0.0
100	QPSK	135	69		16.47		16.9	0.0
100	QPSK	135	138		16.18		16.9	0.0
100	QPSK	270	0		16.20			
100	16QAM	1	1		16.25		16.9	0.0
100	64QAM	1	1		16.10		16.9	0.0
100	256QAM	1	1		16.15		16.9	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.46	16.50	16.49	16.9	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.52	16.43	16.54	16.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.50	16.49	16.42	16.9	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.47	16.43	16.47	16.9	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.49	16.51	16.42	16.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.47	16.44	16.45	16.9	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.53	16.53	16.54	16.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.49	16.48	16.45	16.9	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.49	16.54	16.45	16.9	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.51	16.51	16.43	16.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.47	16.51	16.47	16.9	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.37		13.9	0.0
100	PI/2 BPSK	1	137		13.08			
100	PI/2 BPSK	1	271		13.09			
100	PI/2 BPSK	135	0		13.25		13.9	0.0
100	PI/2 BPSK	135	69		13.11		13.9	0.0
100	PI/2 BPSK	135	138		13.13		13.9	0.0
100	PI/2 BPSK	270	0		13.27			
100	QPSK	1	1		13.44		13.9	0.0
100	QPSK	1	137		13.21			
100	QPSK	1	271		13.26			
100	QPSK	135	0		12.99		13.9	0.0
100	QPSK	135	69		13.38		13.9	0.0
100	QPSK	135	138		13.18		13.9	0.0
100	QPSK	270	0		12.92			
100	16QAM	1	1		13.17		13.9	0.0
100	64QAM	1	1		13.03		13.9	0.0
100	256QAM	1	1		13.10		13.9	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.32	13.32	13.40	13.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.30	13.36	13.35	13.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.31	13.32	13.35	13.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.32	13.37	13.34	13.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.36	13.33	13.31	13.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.37	13.34	13.31	13.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.32	13.36	13.35	13.9	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.41	13.36	13.41	13.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.38	13.38	13.32	13.9	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.37	13.41	13.34	13.9	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.30	13.41	13.32	13.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.35		16.9	0.0
100	PI/2 BPSK	1	137		16.13			
100	PI/2 BPSK	1	271		16.05			
100	PI/2 BPSK	135	0		16.43		16.9	0.0
100	PI/2 BPSK	135	69		16.13		16.9	0.0
100	PI/2 BPSK	135	138		16.10		16.9	0.0
100	PI/2 BPSK	270	0		16.02			
100	QPSK	1	1		16.51		16.9	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		16.26			
100	QPSK	135	0		16.08		16.9	0.0
100	QPSK	135	69		16.36		16.9	0.0
100	QPSK	135	138		16.10		16.9	0.0
100	QPSK	270	0		16.13			
100	16QAM	1	1		16.19		16.9	0.0
100	64QAM	1	1		15.99		16.9	0.0
100	256QAM	1	1		16.09		16.9	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.41	16.46	16.42	16.9	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.49	16.42	16.49	16.9	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.47	16.41	16.46	16.9	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.44	16.42	16.39	16.9	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.45	16.46	16.46	16.9	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.38	16.38	16.41	16.9	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.43	16.48	16.48	16.9	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.48	16.39	16.47	16.9	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.48	16.42	16.44	16.9	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.39	16.46	16.42	16.9	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.39	16.47	16.39	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.10	18.05	17.90	19.3	0.0
100	PI/2 BPSK	1	137	17.93	18.00	17.85		
100	PI/2 BPSK	1	271	17.89	17.99	17.75		
100	PI/2 BPSK	135	0	18.01	18.14	17.86	19.3	0.0
100	PI/2 BPSK	135	69	17.85	17.91	17.88	19.3	0.0
100	PI/2 BPSK	135	138	17.87	18.00	17.81	19.3	0.0
100	PI/2 BPSK	270	0	17.81	17.87	17.96		
100	QPSK	1	1	18.12	18.21	18.09	19.3	0.0
100	QPSK	1	137	17.96	18.08	18.05		
100	QPSK	1	271	17.90	18.12	18.04		
100	QPSK	135	0	17.73	17.76	17.76	19.3	0.0
100	QPSK	135	69	17.98	18.07	17.94	19.3	0.0
100	QPSK	135	138	17.72	17.90	17.72	19.3	0.0
100	QPSK	270	0	17.65	17.85	17.78		
100	16QAM	1	1	17.85	17.96	17.85	19.3	0.0
100	64QAM	1	1	17.82	17.90	17.68	19.3	0.0
100	256QAM	1	1	17.85	17.89	17.83	19.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.96	18.08	18.02	19.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.06	18.13	17.98	19.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.04	18.18	17.96	19.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.01	18.13	18.03	19.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.05	18.18	18.04	19.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.07	18.13	17.96	19.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.06	18.06	17.98	19.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.09	18.07	17.92	19.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.03	18.17	18.04	19.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.06	18.08	17.92	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.96	21.04	20.91	22.3	0.0
100	PI/2 BPSK	1	137	20.90	20.90	20.81		
100	PI/2 BPSK	1	271	20.77	20.93	20.66		
100	PI/2 BPSK	135	0	21.06	21.08	20.88	22.3	0.0
100	PI/2 BPSK	135	69	20.87	20.98	20.88	22.3	0.0
100	PI/2 BPSK	135	138	20.80	20.89	20.81	22.3	0.0
100	PI/2 BPSK	270	0	20.87	20.85	20.88		
100	QPSK	1	1	21.08	21.11	21.10	22.3	0.0
100	QPSK	1	137	20.89	21.03	20.97		
100	QPSK	1	271	20.95	21.03	21.00		
100	QPSK	135	0	20.65	20.78	20.78	22.3	0.0
100	QPSK	135	69	20.90	20.99	20.93	22.3	0.0
100	QPSK	135	138	20.74	20.84	20.68	22.3	0.0
100	QPSK	270	0	20.62	20.76	20.74		
100	16QAM	1	1	20.81	20.91	20.76	22.3	0.0
100	64QAM	1	1	20.78	20.88	20.62	22.3	0.0
100	256QAM	1	1	20.47	20.58	20.50	20.8	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.96	20.95	21.05	22.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.91	20.99	21.00	22.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.93	21.05	20.93	22.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.98	21.00	21.07	22.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.93	20.99	21.06	22.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.93	21.06	21.06	22.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.96	20.98	21.04	22.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.04	20.98	21.04	22.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.98	21.04	21.00	22.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.04	21.01	21.01	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	12.06	12.11	12.16	14.0	0.0
40	PI/2 BPSK	1	53	12.08	12.05	12.08		
40	PI/2 BPSK	1	104	12.09	12.17	12.13		
40	PI/2 BPSK	50	0	12.12	12.20	12.18	14.0	0.0
40	PI/2 BPSK	50	28	12.14	12.01	12.01	14.0	0.0
40	PI/2 BPSK	50	56	12.08	12.07	12.11	14.0	0.0
40	PI/2 BPSK	100	0	12.13	12.13	12.01		
40	QPSK	1	1	12.24	12.28	12.20	14.0	0.0
40	QPSK	1	53	12.09	12.12	12.08		
40	QPSK	1	104	12.04	12.10	12.19		
40	QPSK	50	0	12.11	12.11	12.15	14.0	0.0
40	QPSK	50	28	12.10	12.20	12.08	14.0	0.0
40	QPSK	50	56	12.17	12.03	12.17	14.0	0.0
40	QPSK	100	0	12.09	12.16	12.08		
40	16QAM	1	1	12.21	12.08	12.07	14.0	0.0
40	64QAM	1	1	12.16	12.12	12.18	14.0	0.0
40	256QAM	1	1	12.14	12.13	12.21	14.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	12.20	12.24	12.06	14.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	12.16	12.13	12.15	14.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	12.09	12.20	12.12	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	10.66	10.62	10.59	12.5	0.0
100	PI/2 BPSK	1	137	10.51	10.64	10.60		
100	PI/2 BPSK	1	271	10.53	10.51	10.70		
100	PI/2 BPSK	135	0	10.66	10.66	10.67	12.5	0.0
100	PI/2 BPSK	135	69	10.68	10.53	10.51	12.5	0.0
100	PI/2 BPSK	135	138	10.63	10.58	10.72	12.5	0.0
100	PI/2 BPSK	270	0	10.66	10.56	10.67		
100	QPSK	1	1	10.75	10.80	10.78	12.5	0.0
100	QPSK	1	137	10.55	10.61	10.56		
100	QPSK	1	271	10.55	10.65	10.63		
100	QPSK	135	0	10.62	10.66	10.61	12.5	0.0
100	QPSK	135	69	10.61	10.70	10.60	12.5	0.0
100	QPSK	135	138	10.60	10.51	10.64	12.5	0.0
100	QPSK	270	0	10.60	10.62	10.59		
100	16QAM	1	1	10.63	10.58	10.64	12.5	0.0
100	64QAM	1	1	10.63	10.51	10.61	12.5	0.0
100	256QAM	1	1	10.68	10.63	10.67	12.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	10.62	10.75	10.67	12.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	10.66	10.68	10.68	12.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	10.68	10.70	10.75	12.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	10.62	10.72	10.68	12.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	10.69	10.66	10.64	12.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	10.61	10.70	10.74	12.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	10.60	10.64	10.69	12.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	10.70	10.64	10.65	12.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	10.60	10.63	10.64	12.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	10.61	10.67	10.64	12.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	10.65	10.70	10.64	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	13.61	13.62	13.59	15.5	0.0
100	PI/2 BPSK	1	137	13.54	13.71	13.58		
100	PI/2 BPSK	1	271	13.57	13.54	13.67		
100	PI/2 BPSK	135	0	13.65	13.71	13.62	15.5	0.0
100	PI/2 BPSK	135	69	13.62	13.54	13.53	15.5	0.0
100	PI/2 BPSK	135	138	13.65	13.62	13.73	15.5	0.0
100	PI/2 BPSK	270	0	13.60	13.55	13.69		
100	QPSK	1	1	13.68	13.84	13.78	15.5	0.0
100	QPSK	1	137	13.53	13.60	13.53		
100	QPSK	1	271	13.53	13.68	13.64		
100	QPSK	135	0	13.58	13.66	13.65	15.5	0.0
100	QPSK	135	69	13.57	13.70	13.65	15.5	0.0
100	QPSK	135	138	13.54	13.57	13.65	15.5	0.0
100	QPSK	270	0	13.61	13.68	13.63		
100	16QAM	1	1	13.61	13.63	13.63	15.5	0.0
100	64QAM	1	1	13.57	13.54	13.55	15.5	0.0
100	256QAM	1	1	13.68	13.59	13.62	15.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	13.62	13.67	13.72	15.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	13.59	13.73	13.74	15.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	13.59	13.69	13.74	15.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	13.52	13.69	13.71	15.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	13.65	13.74	13.70	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	13.62	13.76	13.64	15.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	13.64	13.78	13.67	15.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	13.62	13.80	13.63	15.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	13.63	13.77	13.70	15.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	13.56	13.68	13.64	15.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	13.63	13.73	13.71	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		10.54		12.5	0.0
100	PI/2 BPSK	1	137		10.52			
100	PI/2 BPSK	1	271		10.52			
100	PI/2 BPSK	135	0		10.56		12.5	0.0
100	PI/2 BPSK	135	69		10.51		12.5	0.0
100	PI/2 BPSK	135	138		10.54		12.5	0.0
100	PI/2 BPSK	270	0		10.54			
100	QPSK	1	1		10.66		12.5	0.0
100	QPSK	1	137		10.53			
100	QPSK	1	271		10.64			
100	QPSK	135	0		10.51		12.5	0.0
100	QPSK	135	69		10.63		12.5	0.0
100	QPSK	135	138		10.55		12.5	0.0
100	QPSK	270	0		10.59			
100	16QAM	1	1		10.52		12.5	0.0
100	64QAM	1	1		10.51		12.5	0.0
100	256QAM	1	1		10.54		12.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	10.53	10.51	10.54	12.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	10.55	10.58	10.52	12.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	10.60	10.53	10.62	12.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	10.59	10.54	10.51	12.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	10.56	10.52	10.62	12.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	10.56	10.58	10.60	12.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	10.61	10.58	10.61	12.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	10.60	10.54	10.55	12.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	10.62	10.52	10.58	12.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	10.56	10.58	10.55	12.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	10.60	10.56	10.62	12.5	0.0

Part27Q n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.61		15.5	0.0
100	PI/2 BPSK	1	137		13.58			
100	PI/2 BPSK	1	271		13.56			
100	PI/2 BPSK	135	0		13.55		15.5	0.0
100	PI/2 BPSK	135	69		13.51		15.5	0.0
100	PI/2 BPSK	135	138		13.53		15.5	0.0
100	PI/2 BPSK	270	0		13.55			
100	QPSK	1	1		13.69		15.5	0.0
100	QPSK	1	137		13.55			
100	QPSK	1	271		13.64			
100	QPSK	135	0		13.52		15.5	0.0
100	QPSK	135	69		13.62		15.5	0.0
100	QPSK	135	138		13.60		15.5	0.0
100	QPSK	270	0		13.62			
100	16QAM	1	1		13.51		15.5	0.0
100	64QAM	1	1		13.55		15.5	0.0
100	256QAM	1	1		13.51		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.53	13.54	13.57	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.54	13.51	13.60	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.52	13.54	13.59	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.55	13.52	13.51	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.53	13.58	13.51	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.51	13.57	13.55	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.53	13.51	13.60	15.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.54	13.53	13.60	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.59	13.53	13.55	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.55	13.56	13.55	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.55	13.55	13.55	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				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		10.76		12.5	0.0
100	PI/2 BPSK	1	137		10.79			
100	PI/2 BPSK	1	271		10.54			
100	PI/2 BPSK	135	0		10.77		12.5	0.0
100	PI/2 BPSK	135	69		10.61		12.5	0.0
100	PI/2 BPSK	135	138		10.62		12.5	0.0
100	PI/2 BPSK	270	0		10.70			
100	QPSK	1	1		10.91		12.5	0.0
100	QPSK	1	137		10.71			
100	QPSK	1	271		10.80			
100	QPSK	135	0		10.76		12.5	0.0
100	QPSK	135	69		10.74		12.5	0.0
100	QPSK	135	138		10.55		12.5	0.0
100	QPSK	270	0		10.70			
100	16QAM	1	1		10.73		12.5	0.0
100	64QAM	1	1		10.59		12.5	0.0
100	256QAM	1	1		10.73		12.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	10.67	10.89	10.84	12.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	10.71	10.80	10.80	12.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	10.73	10.91	10.78	12.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	10.73	10.89	10.79	12.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	10.68	10.88	10.83	12.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	10.77	10.87	10.73	12.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	10.79	10.79	10.73	12.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	10.68	10.86	10.70	12.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	10.66	10.80	10.78	12.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	10.75	10.90	10.81	12.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	10.73	10.86	10.81	12.5	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		13.65		15.5	0.0
100	PI/2 BPSK	1	137		13.65			
100	PI/2 BPSK	1	271		13.61			
100	PI/2 BPSK	135	0		13.70		15.5	0.0
100	PI/2 BPSK	135	69		13.65		15.5	0.0
100	PI/2 BPSK	135	138		13.82		15.5	0.0
100	PI/2 BPSK	270	0		13.72			
100	QPSK	1	1		13.88		15.5	0.0
100	QPSK	1	137		13.58			
100	QPSK	1	271		13.59			
100	QPSK	135	0		13.69		15.5	0.0
100	QPSK	135	69		13.72		15.5	0.0
100	QPSK	135	138		13.67		15.5	0.0
100	QPSK	270	0		13.65			
100	16QAM	1	1		13.73		15.5	0.0
100	64QAM	1	1		13.74		15.5	0.0
100	256QAM	1	1		13.79		15.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	13.69	13.74	13.80	15.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	13.74	13.71	13.86	15.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	13.67	13.79	13.81	15.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	13.71	13.70	13.82	15.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	13.77	13.82	13.80	15.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	13.73	13.76	13.85	15.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	13.74	13.80	13.79	15.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	13.78	13.78	13.75	15.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	13.78	13.82	13.85	15.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	13.67	13.73	13.84	15.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	13.67	13.81	13.88	15.5	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		10.71		12.5	0.0
100	PI/2 BPSK	1	137		10.58			
100	PI/2 BPSK	1	271		10.60			
100	PI/2 BPSK	135	0		10.63		12.5	0.0
100	PI/2 BPSK	135	69		10.66		12.5	0.0
100	PI/2 BPSK	135	138		10.67		12.5	0.0
100	PI/2 BPSK	270	0		10.60			
100	QPSK	1	1		10.79		12.5	0.0
100	QPSK	1	137		10.62			
100	QPSK	1	271		10.76			
100	QPSK	135	0		10.61		12.5	0.0
100	QPSK	135	69		10.78		12.5	0.0
100	QPSK	135	138		10.67		12.5	0.0
100	QPSK	270	0		10.65			
100	16QAM	1	1		10.63		12.5	0.0
100	64QAM	1	1		10.64		12.5	0.0
100	256QAM	1	1		10.64		12.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	10.67	10.56	10.60	12.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	10.65	10.64	10.68	12.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	10.58	10.63	10.65	12.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	10.60	10.64	10.60	12.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	10.67	10.62	10.66	12.5	0.0
Channel				631334	633334	633334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	10.64	10.60	10.65	12.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	10.62	10.60	10.63	12.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	10.58	10.61	10.62	12.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	10.58	10.55	10.62	12.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	10.66	10.63	10.66	12.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	10.66	10.65	10.63	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.72		15.5	0.0
100	PI/2 BPSK	1	137		13.67			
100	PI/2 BPSK	1	271		13.62			
100	PI/2 BPSK	135	0		13.60		15.5	0.0
100	PI/2 BPSK	135	69		13.66		15.5	0.0
100	PI/2 BPSK	135	138		13.62		15.5	0.0
100	PI/2 BPSK	270	0		13.67			
100	QPSK	1	1		13.79		15.5	0.0
100	QPSK	1	137		13.71			
100	QPSK	1	271		13.69			
100	QPSK	135	0		13.65		15.5	0.0
100	QPSK	135	69		13.75		15.5	0.0
100	QPSK	135	138		13.65		15.5	0.0
100	QPSK	270	0		13.74			
100	16QAM	1	1		13.61		15.5	0.0
100	64QAM	1	1		13.66		15.5	0.0
100	256QAM	1	1		13.64		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.61	13.67	13.66	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.59	13.64	13.72	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.67	13.58	13.61	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.67	13.61	13.72	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.63	13.69	13.66	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.61	13.60	13.72	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.68	13.62	13.61	15.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.68	13.65	13.67	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.70	13.65	13.74	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.62	13.57	13.73	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.61	13.57	13.67	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	13.48	13.38	13.27	14.7	0.0
40	PI/2 BPSK	1	53	13.25	13.32	13.28		
40	PI/2 BPSK	1	104	13.23	13.36	13.15		
40	PI/2 BPSK	50	0	13.42	13.46	13.31	14.7	0.0
40	PI/2 BPSK	50	28	13.22	13.34	13.27	14.7	0.0
40	PI/2 BPSK	50	56	13.16	13.39	13.18	14.7	0.0
40	PI/2 BPSK	100	0	13.30	13.27	13.32		
40	QPSK	1	1	13.49	13.51	13.46	14.7	0.0
40	QPSK	1	53	13.27	13.47	13.34		
40	QPSK	1	104	13.27	13.50	13.29		
40	QPSK	50	0	13.03	13.15	13.10	14.7	0.0
40	QPSK	50	28	13.32	13.47	13.38	14.7	0.0
40	QPSK	50	56	13.09	13.30	13.09	14.7	0.0
40	QPSK	100	0	13.11	13.19	13.14		
40	16QAM	1	1	13.18	13.32	13.15	14.7	0.0
40	64QAM	1	1	13.19	13.19	13.10	14.7	0.0
40	256QAM	1	1	13.25	13.29	13.16	14.7	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	13.32	13.40	13.35	14.7	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	13.36	13.42	13.33	14.7	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	13.37	13.46	13.39	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.40	12.51	12.38	13.0	0.0
100	PI/2 BPSK	1	137	12.26	12.33	12.29		
100	PI/2 BPSK	1	271	12.27	12.32	12.17		
100	PI/2 BPSK	135	0	12.43	12.43	12.30	13.0	0.0
100	PI/2 BPSK	135	69	12.27	12.37	12.32	13.0	0.0
100	PI/2 BPSK	135	138	12.20	12.39	12.18	13.0	0.0
100	PI/2 BPSK	270	0	12.27	12.36	12.24		
100	QPSK	1	1	12.51	12.57	12.46	13.0	0.0
100	QPSK	1	137	12.30	12.46	12.40		
100	QPSK	1	271	12.32	12.44	12.38		
100	QPSK	135	0	12.10	12.15	12.18	13.0	0.0
100	QPSK	135	69	12.41	12.44	12.29	13.0	0.0
100	QPSK	135	138	12.08	12.29	12.08	13.0	0.0
100	QPSK	270	0	12.06	12.20	12.12		
100	16QAM	1	1	12.18	12.27	12.12	13.0	0.0
100	64QAM	1	1	12.22	12.28	12.13	13.0	0.0
100	256QAM	1	1	12.15	12.22	12.17	13.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	12.45	12.46	12.40	13.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	12.46	12.48	12.32	13.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	12.43	12.48	12.34	13.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	12.41	12.49	12.36	13.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	12.37	12.53	12.36	13.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	12.40	12.45	12.38	13.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	12.46	12.43	12.33	13.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	12.45	12.50	12.40	13.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	12.45	12.46	12.35	13.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	12.46	12.46	12.43	13.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	12.46	12.55	12.39	13.0	0.0

Part27O n77 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.23	15.28	15.14	16.0	0.0
100	PI/2 BPSK	1	137	15.13	15.08	15.06		
100	PI/2 BPSK	1	271	15.01	15.16	14.98		
100	PI/2 BPSK	135	0	15.23	15.34	15.09	16.0	0.0
100	PI/2 BPSK	135	69	15.04	15.15	15.11	16.0	0.0
100	PI/2 BPSK	135	138	14.97	15.19	15.02	16.0	0.0
100	PI/2 BPSK	270	0	15.07	15.12	15.10		
100	QPSK	1	1	15.24	15.42	15.31	16.0	0.0
100	QPSK	1	137	15.15	15.24	15.18		
100	QPSK	1	271	15.13	15.32	15.20		
100	QPSK	135	0	14.87	15.01	14.96	16.0	0.0
100	QPSK	135	69	15.14	15.20	15.10	16.0	0.0
100	QPSK	135	138	14.95	15.11	14.94	16.0	0.0
100	QPSK	270	0	14.88	15.05	14.95		
100	16QAM	1	1	14.96	15.08	15.02	16.0	0.0
100	64QAM	1	1	14.99	15.07	14.95	16.0	0.0
100	256QAM	1	1	15.00	15.07	14.93	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.13	15.35	15.24	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.16	15.33	15.22	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.10	15.37	15.18	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.16	15.38	15.23	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.12	15.30	15.19	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.17	15.32	15.24	16.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.17	15.29	15.19	16.0	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.21	15.39	15.28	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.17	15.36	15.18	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.22	15.35	15.26	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.10	15.30	15.22	16.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		11.92		13.0	0.0
100	PI/2 BPSK	1	137		11.77			
100	PI/2 BPSK	1	271		11.84			
100	PI/2 BPSK	135	0		12.02		13.0	0.0
100	PI/2 BPSK	135	69		11.89		13.0	0.0
100	PI/2 BPSK	135	138		11.80		13.0	0.0
100	PI/2 BPSK	270	0		11.79			
100	QPSK	1	1		12.08		13.0	0.0
100	QPSK	1	137		12.00			
100	QPSK	1	271		11.96			
100	QPSK	135	0		11.72		13.0	0.0
100	QPSK	135	69		11.92		13.0	0.0
100	QPSK	135	138		11.79		13.0	0.0
100	QPSK	270	0		11.76			
100	16QAM	1	1		11.82		13.0	0.0
100	64QAM	1	1		11.74		13.0	0.0
100	256QAM	1	1		11.81		13.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.06	11.95	11.97	13.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.00	11.99	12.01	13.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	12.03	11.95	11.98	13.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.00	12.02	11.98	13.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	12.01	12.01	12.01	13.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	11.98	12.06	11.97	13.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	11.99	11.95	12.02	13.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	11.96	11.95	11.97	13.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	12.00	12.02	12.05	13.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	12.01	11.97	12.03	13.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	12.04	12.03	12.03	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.90		16.0	0.0
100	PI/2 BPSK	1	137		14.87			
100	PI/2 BPSK	1	271		14.80			
100	PI/2 BPSK	135	0		15.02		16.0	0.0
100	PI/2 BPSK	135	69		14.80		16.0	0.0
100	PI/2 BPSK	135	138		14.84		16.0	0.0
100	PI/2 BPSK	270	0		14.84			
100	QPSK	1	1		15.15		16.0	0.0
100	QPSK	1	137		14.94			
100	QPSK	1	271		15.01			
100	QPSK	135	0		14.65		16.0	0.0
100	QPSK	135	69		14.99		16.0	0.0
100	QPSK	135	138		14.80		16.0	0.0
100	QPSK	270	0		14.78			
100	16QAM	1	1		14.75		16.0	0.0
100	64QAM	1	1		14.77		16.0	0.0
100	256QAM	1	1		14.71		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.04	15.09	15.01	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.12	15.12	15.09	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.05	15.02	15.10	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.06	15.03	15.06	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.11	15.06	15.06	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.08	15.05	15.03	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.02	15.03	15.02	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.08	15.05	15.11	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.10	15.08	15.10	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.04	15.08	15.07	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.08	15.05	15.10	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset		Power Middle Ch. / Freq.		Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		11.83		13.0	0.0
100	PI/2 BPSK	1	137		11.74			
100	PI/2 BPSK	1	271		11.78			
100	PI/2 BPSK	135	0		11.90		13.0	0.0
100	PI/2 BPSK	135	69		11.77		13.0	0.0
100	PI/2 BPSK	135	138		11.71		13.0	0.0
100	PI/2 BPSK	270	0		11.75			
100	QPSK	1	1		12.03		13.0	0.0
100	QPSK	1	137		11.89			
100	QPSK	1	271		11.89			
100	QPSK	135	0		11.67		13.0	0.0
100	QPSK	135	69		11.88		13.0	0.0
100	QPSK	135	138		11.72		13.0	0.0
100	QPSK	270	0		11.72			
100	16QAM	1	1		11.69		13.0	0.0
100	64QAM	1	1		11.69		13.0	0.0
100	256QAM	1	1		11.69		13.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	11.99	11.92	11.91	13.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	11.94	11.95	11.95	13.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	12.00	11.97	11.90	13.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	11.94	11.90	11.89	13.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	11.97	11.97	11.99	13.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	11.90	11.90	11.96	13.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	12.00	11.91	11.90	13.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	11.95	11.99	12.00	13.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	11.99	11.95	11.93	13.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	11.98	11.91	11.98	13.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	11.94	12.01	12.00	13.0	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		14.79		16.0	0.0
100	PI/2 BPSK	1	137		14.84			
100	PI/2 BPSK	1	271		14.74			
100	PI/2 BPSK	135	0		14.93		16.0	0.0
100	PI/2 BPSK	135	69		14.68		16.0	0.0
100	PI/2 BPSK	135	138		14.70		16.0	0.0
100	PI/2 BPSK	270	0		14.80			
100	QPSK	1	1		15.12		16.0	0.0
100	QPSK	1	137		14.86			
100	QPSK	1	271		14.97			
100	QPSK	135	0		14.52		16.0	0.0
100	QPSK	135	69		14.90		16.0	0.0
100	QPSK	135	138		14.70		16.0	0.0
100	QPSK	270	0		14.69			
100	16QAM	1	1		14.61		16.0	0.0
100	64QAM	1	1		14.71		16.0	0.0
100	256QAM	1	1		14.57		16.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.06	15.07	15.03	16.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.04	15.07	15.04	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.99	14.99	15.04	16.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.09	15.06	14.98	16.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.08	15.02	15.08	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.02	14.99	14.99	16.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.09	15.04	15.00	16.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.10	15.09	15.10	16.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.01	15.08	14.98	16.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.98	15.09	15.03	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.03	15.03	15.02	16.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		11.89		13.0	0.0
100	PI/2 BPSK	1	137		11.70			
100	PI/2 BPSK	1	271		11.72			
100	PI/2 BPSK	135	0		11.95		13.0	0.0
100	PI/2 BPSK	135	69		11.78		13.0	0.0
100	PI/2 BPSK	135	138		11.75		13.0	0.0
100	PI/2 BPSK	270	0		11.75			
100	QPSK	1	1		12.05		13.0	0.0
100	QPSK	1	137		11.92			
100	QPSK	1	271		11.85			
100	QPSK	135	0		11.66		13.0	0.0
100	QPSK	135	69		11.81		13.0	0.0
100	QPSK	135	138		11.66		13.0	0.0
100	QPSK	270	0		11.65			
100	16QAM	1	1		11.69		13.0	0.0
100	64QAM	1	1		11.66		13.0	0.0
100	256QAM	1	1		11.71		13.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	12.03	11.95	12.02	13.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	12.01	11.93	11.98	13.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	11.97	12.02	12.01	13.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	12.01	11.99	11.93	13.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	11.93	11.92	11.92	13.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	12.02	11.93	12.02	13.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	11.93	12.02	11.98	13.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	12.03	11.91	11.98	13.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	11.99	12.00	12.01	13.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	11.95	11.97	11.97	13.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	11.92	11.96	11.99	13.0	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		14.66		16.0	0.0
100	PI/2 BPSK	1	137		14.73			
100	PI/2 BPSK	1	271		14.62			
100	PI/2 BPSK	135	0		14.90		16.0	0.0
100	PI/2 BPSK	135	69		14.66		16.0	0.0
100	PI/2 BPSK	135	138		14.67		16.0	0.0
100	PI/2 BPSK	270	0		14.71			
100	QPSK	1	1		15.05		16.0	0.0
100	QPSK	1	137		14.76			
100	QPSK	1	271		14.90			
100	QPSK	135	0		14.46		16.0	0.0
100	QPSK	135	69		14.83		16.0	0.0
100	QPSK	135	138		14.64		16.0	0.0
100	QPSK	270	0		14.58			
100	16QAM	1	1		14.52		16.0	0.0
100	64QAM	1	1		14.59		16.0	0.0
100	256QAM	1	1		14.55		16.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.93	14.99	14.96	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.93	14.96	14.97	16.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.02	14.94	15.03	16.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.93	15.01	14.99	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.98	14.95	14.92	16.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.99	15.00	14.92	16.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.99	14.98	15.00	16.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.96	14.97	15.02	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.00	14.98	14.99	16.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.00	15.02	15.00	16.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.00	14.98	14.94	16.0	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	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.43	18.46	18.47	19.8	0.0
100	PI/2 BPSK	1	137	18.45	18.41	18.40		
100	PI/2 BPSK	1	271	18.38	18.39	18.48		
100	PI/2 BPSK	135	0	18.48	18.47	18.45	19.8	0.0
100	PI/2 BPSK	135	69	18.49	18.44	18.41	19.8	0.0
100	PI/2 BPSK	135	138	18.47	18.38	18.41	19.8	0.0
100	PI/2 BPSK	270	0	18.46	18.48	18.41		
100	QPSK	1	1	18.39	18.54	18.39	19.8	0.0
100	QPSK	1	137	18.39	18.39	18.40		
100	QPSK	1	271	18.47	18.38	18.47		
100	QPSK	135	0	18.43	18.45	18.38	19.8	0.0
100	QPSK	135	69	18.48	18.52	18.45	19.8	0.0
100	QPSK	135	138	18.50	18.46	18.46	19.8	0.0
100	QPSK	270	0	18.41	18.47	18.41		
100	16QAM	1	1	18.41	18.39	18.43	19.8	0.0
100	64QAM	1	1	18.41	18.43	18.43	19.8	0.0
100	256QAM	1	1	18.42	18.40	18.40	19.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.28	18.45	18.25	19.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.98		
80	QPSK	1	1	18.26	18.48	18.24	19.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.32	18.40	18.30	19.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.25	18.44	18.31	19.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.30	18.50	18.31	19.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.31	18.50	18.34	19.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.26	18.45	18.33	19.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.24	18.44	18.28	19.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.31	18.42	18.28	19.8	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.26	18.42	18.23	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.41	21.43	21.35	22.8	0.0
100	PI/2 BPSK	1	137	21.40	21.37	21.38		
100	PI/2 BPSK	1	271	21.42	21.34	21.35		
100	PI/2 BPSK	135	0	21.41	21.35	21.38	22.8	0.0
100	PI/2 BPSK	135	69	21.37	21.40	21.40	22.8	0.0
100	PI/2 BPSK	135	138	21.42	21.34	21.40	22.8	0.0
100	PI/2 BPSK	270	0	21.32	21.32	21.33		
100	QPSK	1	1	21.37	21.47	21.33	22.8	0.0
100	QPSK	1	137	21.39	21.35	21.39		
100	QPSK	1	271	21.42	21.36	21.41		
100	QPSK	135	0	21.38	21.34	21.31	22.8	0.0
100	QPSK	135	69	21.35	21.40	21.34	22.8	0.0
100	QPSK	135	138	21.38	21.36	21.35	22.8	0.0
100	QPSK	270	0	21.38	21.42	21.39		
100	16QAM	1	1	21.40	21.40	21.39	22.8	0.0
100	64QAM	1	1	21.39	21.38	21.36	22.8	0.0
100	256QAM	1	1	21.41	21.38	21.34	22.8	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.27	21.35	21.28	22.8	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.98		
80	QPSK	1	1	21.23	21.40	21.27	22.8	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.28	21.42	21.29	22.8	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.23	21.34	21.29	22.8	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.22	21.36	21.21	22.8	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.30	21.33	21.18	22.8	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.29	21.40	21.22	22.8	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.30	21.34	21.24	22.8	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.27	21.36	21.20	22.8	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	21.39	21.22	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	20.16	20.05	19.71	21.2	0.0
40	PI/2 BPSK	1	53	19.65	20.15	20.16		
40	PI/2 BPSK	1	104	19.65	19.79	19.90		
40	PI/2 BPSK	50	0	20.06	19.70	19.70	21.2	0.0
40	PI/2 BPSK	50	28	19.97	20.02	20.03	21.2	0.0
40	PI/2 BPSK	50	56	20.11	19.82	19.92	21.2	0.0
40	PI/2 BPSK	100	0	20.00	19.79	20.18		
40	QPSK	1	1	19.89	20.20	19.82	21.2	0.0
40	QPSK	1	53	19.94	20.10	19.86		
40	QPSK	1	104	19.65	19.91	20.14		
40	QPSK	50	0	19.77	20.01	20.09	21.2	0.0
40	QPSK	50	28	19.65	20.12	19.81	21.2	0.0
40	QPSK	50	56	19.90	20.05	19.79	21.2	0.0
40	QPSK	100	0	19.95	20.05	19.79		
40	16QAM	1	1	20.05	19.68	19.91	21.2	0.0
40	64QAM	1	1	19.94	19.76	19.94	21.2	0.0
40	256QAM	1	1	18.63	18.64	18.86	19.7	1.5
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	19.60	20.03	19.31	21.2	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	19.33	19.79	19.36	21.2	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.33	19.63	19.35	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.64	19.65	19.55	21.2	0.0
100	PI/2 BPSK	1	137	19.48	19.62	19.53		
100	PI/2 BPSK	1	271	19.51	19.60	19.36		
100	PI/2 BPSK	135	0	19.68	19.70	19.56	21.2	0.0
100	PI/2 BPSK	135	69	19.48	19.54	19.56	21.2	0.0
100	PI/2 BPSK	135	138	19.46	19.63	19.49	21.2	0.0
100	PI/2 BPSK	270	0	19.47	19.53	19.50		
100	QPSK	1	1	19.76	19.78	19.71	21.2	0.0
100	QPSK	1	137	19.56	19.70	19.68		
100	QPSK	1	271	19.55	19.74	19.58		
100	QPSK	135	0	19.31	19.40	19.45	21.2	0.0
100	QPSK	135	69	19.56	19.65	19.58	21.2	0.0
100	QPSK	135	138	19.34	19.48	19.40	21.2	0.0
100	QPSK	270	0	19.38	19.46	19.30		
100	16QAM	1	1	19.36	19.60	19.45	21.2	0.0
100	64QAM	1	1	19.35	19.52	19.36	21.2	0.0
100	256QAM	1	1	19.50	19.51	19.42	21.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.66	19.65	19.60	21.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.70	19.65	19.57	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.72	19.60	19.65	21.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.65	19.62	19.56	21.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.66	19.70	19.66	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.68	19.68	19.62	21.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.74	19.68	19.62	21.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.66	19.64	19.60	21.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.72	19.61	19.59	21.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.72	19.61	19.60	21.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.74	19.65	19.60	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.56	22.65	22.56	24.2	0.0
100	PI/2 BPSK	1	137	22.46	22.48	22.47		
100	PI/2 BPSK	1	271	22.49	22.47	22.31		
100	PI/2 BPSK	135	0	22.63	22.66	22.48	24.2	0.0
100	PI/2 BPSK	135	69	22.46	22.54	22.40	24.2	0.0
100	PI/2 BPSK	135	138	22.42	22.52	22.42	24.2	0.0
100	PI/2 BPSK	270	0	22.37	22.51	22.43		
100	QPSK	1	1	22.66	22.71	22.68	24.2	0.0
100	QPSK	1	137	22.45	22.59	22.53		
100	QPSK	1	271	22.50	22.68	22.48		
100	QPSK	135	0	22.23	22.34	22.29	24.2	0.0
100	QPSK	135	69	22.49	22.57	22.52	24.2	0.0
100	QPSK	135	138	22.35	22.46	22.38	24.2	0.0
100	QPSK	270	0	22.21	22.35	22.26		
100	16QAM	1	1	22.33	22.47	22.31	24.2	0.0
100	64QAM	1	1	22.31	22.47	22.33	24.2	0.0
100	256QAM	1	1	21.10	21.16	21.05	22.7	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.57	22.56	22.60	24.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.51	22.53	22.62	24.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.53	22.59	22.61	24.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.59	22.56	22.64	24.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.58	22.55	22.61	24.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.58	22.53	22.59	24.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.57	22.58	22.56	24.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.59	22.59	22.58	24.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.60	22.59	22.64	24.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.59	22.51	22.64	24.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.60	22.54	22.61	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.37		21.2	0.0
100	PI/2 BPSK	1	137		20.17			
100	PI/2 BPSK	1	271		20.19			
100	PI/2 BPSK	135	0		20.34		21.2	0.0
100	PI/2 BPSK	135	69		20.16		21.2	0.0
100	PI/2 BPSK	135	138		20.21		21.2	0.0
100	PI/2 BPSK	270	0		20.20			
100	QPSK	1	1		20.42		21.2	0.0
100	QPSK	1	137		20.37			
100	QPSK	1	271		20.40			
100	QPSK	135	0		20.02		21.2	0.0
100	QPSK	135	69		20.28		21.2	0.0
100	QPSK	135	138		20.20		21.2	0.0
100	QPSK	270	0		20.14			
100	16QAM	1	1		20.15		21.2	0.0
100	64QAM	1	1		20.17		21.2	0.0
100	256QAM	1	1		20.19		21.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.25	20.27	20.33	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.19	20.26	20.27	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.21	20.24	20.22	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.27	20.31	20.24	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.24	20.23	20.23	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.29	20.24	20.26	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.19	20.32	20.30	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.28	20.25	20.26	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.28	20.29	20.27	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.17	20.28	20.32	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.23	20.24	20.24	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.41		24.2	0.0
100	PI/2 BPSK	1	137		23.22			
100	PI/2 BPSK	1	271		23.23			
100	PI/2 BPSK	135	0		23.40		24.2	0.0
100	PI/2 BPSK	135	69		23.25		24.2	0.0
100	PI/2 BPSK	135	138		23.26		24.2	0.0
100	PI/2 BPSK	270	0		23.24			
100	QPSK	1	1		23.46		24.2	0.0
100	QPSK	1	137		23.42			
100	QPSK	1	271		23.41			
100	QPSK	135	0		23.15		24.2	0.0
100	QPSK	135	69		23.36		24.2	0.0
100	QPSK	135	138		23.16		24.2	0.0
100	QPSK	270	0		23.17			
100	16QAM	1	1		23.21		24.2	0.0
100	64QAM	1	1		23.15		24.2	0.0
100	256QAM	1	1		21.93		22.7	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.27	23.36	23.35	24.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.25	23.32	23.30	24.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.28	23.27	23.27	24.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.29	23.29	23.25	24.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.28	23.33	23.33	24.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.34	23.33	23.28	24.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.34	23.30	23.35	24.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.35	23.26	23.31	24.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.28	23.32	23.26	24.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.27	23.28	23.35	24.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.29	23.28	23.34	24.2	0.0

Part27O n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		19.67		21.2	0.0
100	PI/2 BPSK	1	137		19.45			
100	PI/2 BPSK	1	271		19.52			
100	PI/2 BPSK	135	0		19.71		21.2	0.0
100	PI/2 BPSK	135	69		19.49		21.2	0.0
100	PI/2 BPSK	135	138		19.44		21.2	0.0
100	PI/2 BPSK	270	0		19.45			
100	QPSK	1	1		19.78		21.2	0.0
100	QPSK	1	137		19.51			
100	QPSK	1	271		19.53			
100	QPSK	135	0		19.34		21.2	0.0
100	QPSK	135	69		19.52		21.2	0.0
100	QPSK	135	138		19.35		21.2	0.0
100	QPSK	270	0		19.43			
100	16QAM	1	1		19.41		21.2	0.0
100	64QAM	1	1		19.40		21.2	0.0
100	256QAM	1	1		19.52		21.2	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.70	19.62	19.57	21.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.65	19.61	19.64	21.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.70	19.70	19.55	21.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.62	19.61	19.55	21.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.66	19.63	19.57	21.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.62	19.63	19.59	21.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.66	19.68	19.60	21.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.61	19.64	19.60	21.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.60	19.61	19.64	21.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.61	19.63	19.62	21.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.64	19.67	19.66	21.2	0.0

Part27O n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	PI/2 BPSK	1	1		22.58		24.2	0.0
100	PI/2 BPSK	1	137		22.41			
100	PI/2 BPSK	1	271		22.45			
100	PI/2 BPSK	135	0		22.59		24.2	0.0
100	PI/2 BPSK	135	69		22.42		24.2	0.0
100	PI/2 BPSK	135	138		22.39		24.2	0.0
100	PI/2 BPSK	270	0		22.32			
100	QPSK	1	1		22.67		24.2	0.0
100	QPSK	1	137		22.45			
100	QPSK	1	271		22.53			
100	QPSK	135	0		22.47		24.2	0.0
100	QPSK	135	69		22.54		24.2	0.0
100	QPSK	135	138		22.34		24.2	0.0
100	QPSK	270	0		22.22			
100	16QAM	1	1		22.37		24.2	0.0
100	64QAM	1	1		22.27		24.2	0.0
100	256QAM	1	1		21.12		22.7	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.58	22.56	22.61	24.2	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.52	22.54	22.63	24.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.54	22.59	22.57	24.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.61	22.54	22.57	24.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.51	22.51	22.56	24.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.61	22.58	22.59	24.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.55	22.51	22.56	24.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.54	22.61	22.55	24.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.61	22.59	22.55	24.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.54	22.60	22.54	24.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.57	22.62	22.61	24.2	0.0

Part27Q n78

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.35		21.2	0.0
100	PI/2 BPSK	1	137		20.22			
100	PI/2 BPSK	1	271		20.22			
100	PI/2 BPSK	135	0		20.36		21.2	0.0
100	PI/2 BPSK	135	69		20.18		21.2	0.0
100	PI/2 BPSK	135	138		20.26		21.2	0.0
100	PI/2 BPSK	270	0		20.19			
100	QPSK	1	1		20.45		21.2	0.0
100	QPSK	1	137		20.36			
100	QPSK	1	271		20.38			
100	QPSK	135	0		20.05		21.2	0.0
100	QPSK	135	69		20.26		21.2	0.0
100	QPSK	135	138		20.23		21.2	0.0
100	QPSK	270	0		20.11			
100	16QAM	1	1		20.19		21.2	0.0
100	64QAM	1	1		20.22		21.2	0.0
100	256QAM	1	1		20.21		21.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.30	20.23	20.32	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.28	20.32	20.29	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.26	20.30	20.28	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.24	20.22	20.31	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.23	20.30	20.32	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.30	20.22	20.37	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.30	20.27	20.34	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.19	20.25	20.35	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.21	20.30	20.36	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.31	20.30	20.32	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.27	20.24	20.38	21.2	0.0

Part27Q n78 PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.55		24.2	0.0
100	PI/2 BPSK	1	137		22.38			
100	PI/2 BPSK	1	271		22.47			
100	PI/2 BPSK	135	0		22.58		24.2	0.0
100	PI/2 BPSK	135	69		22.44		24.2	0.0
100	PI/2 BPSK	135	138		22.44		24.2	0.0
100	PI/2 BPSK	270	0		22.29			
100	QPSK	1	1		22.71		24.2	0.0
100	QPSK	1	137		22.45			
100	QPSK	1	271		22.55			
100	QPSK	135	0		22.47		24.2	0.0
100	QPSK	135	69		22.52		24.2	0.0
100	QPSK	135	138		22.32		24.2	0.0
100	QPSK	270	0		22.36			
100	16QAM	1	1		22.33		24.2	0.0
100	64QAM	1	1		22.26		24.2	0.0
100	256QAM	1	1		21.12		22.7	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.54	22.61	22.56	24.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.57	22.58	22.67	24.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.54	22.62	22.57	24.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.53	22.53	22.66	24.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.53	22.56	22.62	24.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.57	22.51	22.60	24.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.54	22.57	22.65	24.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.63	22.58	22.61	24.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.57	22.51	22.65	24.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.53	22.54	22.61	24.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				26.2	26.28	26.2		
10	QPSK	1	1	22.59	22.60	22.61	24.2	0.0

<2.4GHz WLAN>

				Ant3 Full Power		Ant2 Full Power		Ant 3+2 Full Power			Ant3 Head Standalone		Ant2 Head Standalone		Ant 3+2 Head Standalone			Ant3 Head Simultaneous		Ant2 Head Simultaneous		Ant 3+2 Head Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	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	19.33	20.50	18.34	20.00	21.87	23.30	98.29	15.28	16.50	14.27	16.00	17.83	19.30	98.29	9.82	11.00	8.80	10.50	12.28	13.80	98.29
		6	2437	19.89	21.50	19.42	21.00	22.67	24.30		14.81	16.50	14.41	16.00	17.65	19.30		9.26	11.00	8.87	10.50	12.13	13.80	
		11	2462	19.11	20.50	18.41	20.00	21.78	23.30		15.00	16.50	14.27	16.00	17.68	19.30		9.58	11.00	8.88	10.50	12.22	13.80	
	802.11g 6Mbps	1	2412	17.76	19.50	17.20	19.00	20.50	22.30	99.43	Not Required	16.50	Not Required	16.00	Not Required	19.30	99.43	Not Required	11.00	Not Required	10.50	Not Required	13.80	99.43
		6	2437	18.75	20.50	18.45	20.00	21.61	23.30			16.50		16.00		19.30			11.00		10.50		13.80	
		10	2457	16.87	18.50	16.77	18.50	19.83	21.50			16.50		16.00		19.30			11.00		10.50		13.80	
		11	2462	15.28	17.00	14.92	16.50	18.12	19.80			16.50		16.00		19.30			11.00		10.50		13.80	
	802.11n-HT20 MCS0	1	2412	16.89	18.50	16.42	18.00	19.67	21.30	100.00		16.50		16.00		19.30	100.00		11.00		10.50		13.80	100.00
		6	2437	18.36	20.00	18.19	19.50	21.29	22.80			16.50		16.00		19.30			11.00		10.50		13.80	
		10	2457	16.47	18.00	16.43	18.00	19.46	21.00			16.50		16.00		19.30			11.00		10.50		13.80	
		11	2462	14.82	16.50	14.67	16.00	17.76	19.30			16.50		16.00		19.30			11.00		10.50		13.80	
	802.11n-HT40 MCS0	3	2422	16.12	17.00	15.81	17.00	18.98	20.00	100.00	14.89	16.50	14.11	16.00	17.41	19.30	100.00		11.00		10.50		13.80	100.00
		6	2437	17.30	19.00	16.96	18.50	20.14	21.80		15.10	16.50	14.14	16.00	17.66	19.30			11.00		10.50		13.80	
		9	2452	10.82	12.50	10.79	12.50	13.82	15.50		10.82	12.50	10.79	12.50	13.82	15.50			11.00		10.50		13.80	
	802.11ax-HE20 MCS0	1	2412	15.99	17.50	15.58	17.00	18.80	20.30	100.00	Not Required	16.50	Not Required	16.00	Not Required	19.30	100.00		11.00		10.50		13.80	100.00
		6	2437	17.58	19.00	17.26	18.50	20.43	21.80			16.50		16.00		19.30			11.00		10.50		13.80	
		10	2457	14.65	16.00	14.69	16.00	17.68	19.00			16.00		16.00		19.00			11.00		10.50		13.80	
		11	2462	14.17	16.00	13.84	15.50	17.02	18.80			16.00		15.50		18.80			11.00		10.50		13.80	
	802.11ax-HE40 MCS0	3	2422	16.17	17.00	15.83	17.00	19.01	20.00	100.00		16.50		16.00		19.30	100.00		11.00		10.50		13.80	100.00
		4	2427	15.13	16.50	15.12	16.50	18.14	19.50			16.50		16.00		19.30			11.00		10.50		13.80	
		6	2437	17.33	19.00	17.03	18.50	20.19	21.80			16.50		16.00		19.30			11.00		10.50		13.80	
		7	2442	12.32	14.00	12.56	14.00	15.45	17.00			14.00		14.00		17.00			11.00		10.50		13.80	
		8	2447	10.72	12.50	10.95	12.50	13.85	15.50			12.50		12.50		15.50			11.00		10.50		13.80	
		9	2452	10.86	12.50	10.82	12.50	13.85	15.50			12.50		12.50		15.50			11.00		10.50		13.80	

<5.2GHz WLAN>

				Ant8 Full Power		Ant5 Full Power		Ant 8+5 Full Power			Ant8 Head Standalone		Ant5 Head Standalone		Ant 8+5 Head Standalone			Ant8 Head Simultaneous		Ant5 Head Simultaneous		Ant 8+5 Head Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.75	19.50	17.58	19.50	20.68	22.50	99.32	Not Required	19.50	Not Required	19.50	Not Required	22.50	99.32	Not Required	15.50	Not Required	15.00	Not Required	18.30	99.32
		40	5200	18.08	19.50	17.89	19.50	21.00	22.50			19.50		19.50		22.50			15.50		15.00		18.30	
		44	5220	17.74	19.50	17.67	19.50	20.72	22.50			19.50		19.50		22.50			15.50		15.00		18.30	
		48	5240	17.40	19.00	17.36	19.00	20.39	22.00			19.00		19.00		22.00			15.50		15.00		18.30	
	802.11n-HT20 MCS0	36	5180	18.25	20.00	18.37	20.00	21.32	23.00	96.35		20.00		19.50		22.80	96.35		15.50		15.00		18.30	96.35
		40	5200	18.30	20.00	18.40	20.00	21.36	23.00			20.00		19.50		22.80			15.50		15.00		18.30	
		44	5220	18.38	20.00	18.39	20.00	21.40	23.00			20.00		19.50		22.80			15.50		15.00		18.30	
		48	5240	18.55	20.00	18.57	20.00	21.57	23.00			20.00		19.50		22.80			15.50		15.00		18.30	
	802.11n-HT40 MCS0	38	5190	20.05	21.50	19.92	21.50	23.00	24.50	100.00	18.49	20.00	18.29	19.50	21.49	22.80	100.00		15.50		15.00		18.30	100.00
		46	5230	20.32	22.00	19.91	21.50	23.13	24.80		18.79	20.00	18.32	19.50	21.53	22.80			15.50		15.00		18.30	
	802.11ac-VHT20 MCS0	36	5180	17.31	19.00	17.24	19.00	20.28	22.00	100.00	Not Required	19.00	Not Required	19.00	Not Required	22.00	100.00		15.50		15.00		18.30	100.00
		40	5200	18.10	19.50	18.20	20.00	21.16	22.80			19.50		19.50		22.80			15.50		15.00		18.30	
		44	5220	18.17	19.50	18.18	20.00	21.19	22.80			19.50		19.50		22.80			15.50		15.00		18.30	
		48	5240	18.36	20.00	18.39	20.00	21.39	23.00			20.00		19.50		22.80			15.50		15.00		18.30	
	802.11ac-VHT40 MCS0	38	5190	17.30	19.00	17.26	19.00	20.29	22.00	95.45		19.00		19.00		22.00	95.45		15.50		15.00		18.30	95.45
		46	5230	18.81	20.50	18.37	20.00	21.61	23.30			20.00		19.50		22.80			15.50		15.00		18.30	
	802.11ac-VHT80 MCS0	42	5210	16.25	18.00	16.46	18.00	19.37	21.00	97.25		18.00		18.00		21.00	97.25	13.50	15.50	13.22	15.00	16.41	18.30	97.25
	802.11ax-HE20 MCS0	36	5180	17.45	19.00	17.27	19.00	20.37	22.00	100.00		20.00		19.50		22.80	100.00	Not Required	15.50	Not Required	15.00	Not Required	18.30	100.00
		40	5200	18.33	20.00	18.40	20.00	21.38	23.00			20.00		19.50		22.80			15.50		15.00		18.30	
		44	5220	18.49	20.00	18.45	20.00	21.48	23.00			20.00		19.50		22.80			15.50		15.00		18.30	
		48	5240	19.22	20.50	19.08	20.50	22.16	23.50			20.00		19.50		22.80			15.50		15.00		18.30	
	802.11ax-HE40 MCS0	38	5190	17.25	19.00	17.19	19.00	20.23	22.00	98.13		19.00		19.00		22.00	98.13		15.50		15.00		18.30	98.13
		46	5230	18.88	20.50	18.42	20.00	21.67	23.30			20.00		19.50		22.80			15.50		15.00		18.30	
	802.11ax-HE80 MCS0	42	5210	16.15	18.00	16.42	18.00	19.30	21.00	100.00		18.00		18.00		21.00	100.00		15.50		15.00		18.30	100.00

<5.3GHz WLAN>

				Ant8 Full Power		Ant5 Full Power		Ant 8+5 Full Power			Ant8 Head Standalone		Ant5 Head Standalone		Ant 8+5 Head Standalone			Ant8 Head Simultaneous		Ant5 Head Simultaneous		Ant 8+5 Head Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	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	17.35	19.00	17.45	19.00	20.41	22.00	99.32	Not Required	19.00	Not Required	19.00	Not Required	22.00	99.32	Not Required	15.50	Not Required	15.00	Not Required	18.30	99.32
		56	5280	18.41	20.00	18.16	19.50	21.30	22.80			20.00		19.50		22.80			15.50		15.00		18.30	
		60	5300	17.52	19.00	17.43	19.00	20.49	22.00			19.00		19.00		22.00			15.50		15.00		18.30	
		64	5320	17.95	19.50	17.82	19.50	20.90	22.50			19.50		19.00		22.50			15.50		15.00		18.30	
	802.11n-HT20 MCS0	52	5260	18.67	20.00	18.49	20.00	21.59	23.00	96.35		20.00		19.50		22.80	96.35		15.50		15.00		18.30	96.35
		56	5280	18.70	20.00	18.64	20.00	21.68	23.00			20.00		19.50		22.80			15.50		15.00		18.30	
		60	5300	18.62	20.00	18.71	20.00	21.68	23.00			20.00		19.50		22.80			15.50		15.00		18.30	
		64	5320	19.08	20.50	19.18	20.50	22.14	23.50			20.00		19.50		22.80			15.50		15.00		18.30	
	802.11n-HT40 MCS0	54	5270	20.34	22.00	19.87	21.50	23.12	24.80	100.00		20.00		19.50		22.80	100.00		15.50		15.00		18.30	100.00
		62	5310	20.26	22.00	20.03	21.50	23.16	24.80			20.00		19.50		22.80			15.50		15.00		18.30	
	802.11ac-VHT20 MCS0	52	5260	17.57	19.00	17.63	19.00	20.61	22.00	100.00		19.00		19.00		22.00	100.00		15.50		15.00		18.30	100.00
		56	5280	18.52	20.00	18.44	20.00	21.49	23.00			20.00		19.50		22.80			15.50		15.00		18.30	
		60	5300	17.28	19.00	18.50	20.00	20.94	22.50			19.00		19.50		22.50			15.50		15.00		18.30	
		64	5320	17.21	19.00	17.18	19.00	20.21	22.00			19.00		19.00		22.00			15.50		15.00		18.30	
	802.11ac-VHT40 MCS0	54	5270	18.87	20.50	18.46	20.00	21.68	23.30	95.45		20.00		19.50		22.80	95.45		15.50		15.00		18.30	95.45
		62	5310	18.90	20.50	18.53	20.00	21.73	23.30			20.00		19.50		22.80			15.50		15.00		18.30	
	802.11ac-VHT80 MCS0	58	5290	18.52	20.00	18.32	20.00	21.43	23.00	97.25	18.24	20.00	17.78	19.50	21.03	22.80	97.25		15.50		15.00		18.30	97.25
	802.11ac-VHT160 MCS0	50	5250	16.49	18.00	16.68	18.00	19.60	21	100.00	Not Required	18.00	Not Required	18.00	Not Required	21	100.00	13.71	15.50	13.36	15.00	16.48	18.30	100.00
	802.11ax-HE20 MCS0	52	5260	17.62	19.00	17.68	19.00	20.66	22.00	100.00		19.00		19.00		22.00	100.00	Not Required	15.50	Not Required	15.00	Not Required	18.30	100.00
		56	5280	18.73	20.50	18.83	20.50	21.79	23.50			20.00		19.50		22.80			15.50		15.00		18.30	
		60	5300	17.33	19.00	18.84	20.00	21.16	22.50			19.00		20.00		22.50			15.50		15.00		18.30	
		64	5320	17.24	19.00	17.22	19.00	20.24	22.00			19.00		19.00		22.00			15.50		15.00		18.30	
	802.11ax-HE40 MCS0	54	5270	18.93	20.50	18.49	20.00	21.73	23.30	98.13		20.00		19.50		22.80	98.13		15.50		15.00		18.30	98.13
		62	5310	18.97	20.50	18.56	20.00	21.78	23.30			20.00		19.50		22.80			15.50		15.00		18.30	
	802.11ax-HE80 MCS0	58	5290	18.59	20.00	18.37	20.00	21.49	23.00	100.00		20.00		19.50		22.80	100.00		15.50		15.00		18.30	100.00
	802.11ax-HE160 MCS0	50	5250	16.53	18.00	16.72	18.00	19.64	21	100.00		18.00		18.00		21	100.00		15.50		15.00		18.30	100.00

<5.5GHz WLAN>

				Ant8 Full Power Extremity Standalone		Ant5 Full Power Extremity Standalone		Ant 8+5 Full Power Extremity Standalone			Ant8 Head Standalone		Ant5 Head Standalone		Ant 8+5 Head Standalone			Ant8 Head Simultaneous		Ant5 Head Simultaneous		Ant 8+5 Head Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	17.67	19.50	17.69	19.5	20.69	22.50	99.32	Not Required	19.50	Not Required	19.00	Not Required	22.30	99.32	Not Required	14.50	Not Required	14.00	Not Required	17.30	99.32
		116	5580	18.38	20.00	18.41	20	21.41	23.00			19.50		19.00		22.30			14.50		14.00		17.30	
		124	5620	18.66	20.00	18.29	20	21.49	23.00			19.50		19.00		22.30			14.50		14.00		17.30	
		132	5660	18.74	20.00	18.29	20	21.53	23.00			19.50		19.00		22.30			14.50		14.00		17.30	
		140	5700	18.65	20.00	18.20	20	21.44	23.00			19.50		19.00		22.30			14.50		14.00		17.30	
		144	5720	18.09	19.50	18.15	19.50	21.13	22.50			19.50		19.00		22.50			14.50		14.00		17.30	
	802.11n-HT20 MCS0	100	5500	18.71	20.00	18.91	20.5	21.82	23.30	96.35		19.50		19.00		22.30	96.35		14.50		14.00		17.30	96.35
		116	5580	18.59	20.00	18.84	20.5	21.73	23.30			19.50		19.00		22.30			14.50		14.00		17.30	
		124	5620	18.88	20.50	18.75	20.5	21.83	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		132	5660	18.98	20.50	18.77	20.5	21.89	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		140	5700	18.90	20.50	18.75	20.5	21.84	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		144	5720	19.04	20.50	18.80	20.5	21.93	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
	802.11n-HT40 MCS0	102	5510	20.74	22.00	20.31	22	23.54	25.00	100.00		19.50		19.00		22.30	100.00		14.50		14.00		17.30	100.00
		110	5550	20.83	22.50	20.44	22	23.65	25.30			19.50		19.00		22.30			14.50		14.00		17.30	
		126	5630	20.51	22.00	20.17	22	23.35	25.00			19.50		19.00		22.30			14.50		14.00		17.30	
		134	5670	20.46	22.00	19.94	21.5	23.22	24.80			19.50		19.00		22.30			14.50		14.00		17.30	
		142	5710	20.73	22.00	20.23	22	23.50	25.00			19.50		19.00		22.30			14.50		14.00		17.30	
	802.11ac-VHT20 MCS0	100	5500	17.48	19.00	17.43	19.00	20.47	22.00	100.00		19.00		19.00		22.00	100.00		14.50		14.00		17.30	100.00
		116	5580	18.38	20.00	18.63	20	21.52	23.00			19.50		19.00		22.30			14.50		14.00		17.30	
		124	5620	18.69	20.00	18.57	20	21.64	23.00			19.50		19.00		22.30			14.50		14.00		17.30	
		132	5660	18.78	20.00	18.56	20	21.68	23.00			19.50		19.00		22.30			14.50		14.00		17.30	
		140	5700	17.39	19.00	17.61	19.00	20.51	22.00			19.00		19.00		22.00			14.50		14.00		17.30	
		144	5720	18.58	20.00	18.59	20	21.60	23.00			19.50		19.00		22.30			14.50		14.00		17.30	
	802.11ac-VHT40 MCS0	102	5510	19.32	21.00	18.91	20.5	22.13	23.80	95.45		19.50		19.00		22.30	95.45		14.50		14.00		17.30	95.45
		110	5550	19.36	21.00	19.00	20.5	22.20	23.80			19.50		19.00		22.30			14.50		14.00		17.30	
		126	5630	19.11	20.50	18.80	20.5	21.97	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		134	5670	19.19	20.50	18.70	20.5	21.96	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		142	5710	19.30	21.00	18.79	20.5	22.06	23.80			19.50		19.00		22.30			14.50		14.00		17.30	
	802.11ac-VHT80 MCS0	106	5530	19.20	21.00	18.78	20.5	22.01	23.80	97.25		19.50		19.00		22.30	97.25		14.50		14.00		17.30	97.25
		122	5610	18.98	20.50	18.65	20.5	21.83	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		138	5690	19.08	20.50	18.55	20	21.84	23.30			19.50		19.00		22.30			14.50		14.00		17.30	
	802.11ac-VHT160 MCS0	114	5570	18.24	20.00	18.37	19.5	21.32	22.80	100.00	17.85	19.50	17.57	19.00	20.82	22.30	100.00	12.85	14.50	12.59	14.00	15.81	17.30	100.00
	802.11ax-HE20 MCS0	100	5500	17.56	19.00	17.47	19.00	20.53	22.00	100.00	Not Required	19.00	Not Required	19.00	Not Required	22.00	100.00	Not Required	14.50	Not Required	14.00	Not Required	17.30	100.00
		116	5580	18.71	20.00	19.26	20.5	22.00	23.30			19.50		19.00		22.30			14.50		14.00		17.30	
		124	5620	18.94	20.50	19.17	20.5	22.07	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		132	5660	19.02	20.50	19.14	20.5	22.09	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		140	5700	17.45	19.00	17.66	19.00	20.57	22.00			19.00		19.00		22.00			14.50		14.00		17.30	
		144	5720	19.56	21.00	19.19	20.5	22.39	23.80			19.50		19.00		22.30			14.50		14.00		17.30	
	802.11ax-HE40 MCS0	102	5510	19.35	21.00	18.96	20.5	22.17	23.80	98.13		19.50		19.00		22.30	98.13		14.50		14.00		17.30	98.13
		110	5550	19.43	21.00	19.05	20.5	22.25	23.80			19.50		19.00		22.30			14.50		14.00		17.30	
		126	5630	19.18	20.50	18.83	20.5	22.02	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		134	5670	19.24	21.00	18.73	20.5	22.00	23.80			19.50		19.00		22.30			14.50		14.00		17.30	
		142	5710	19.35	21.00	18.84	20.5	22.11	23.80			19.50		19.00		22.30			14.50		14.00		17.30	
	802.11ax-HE80 MCS0	106	5530	19.24	21.00	18.86	20.5	22.06	23.80	100.00		19.50		19.00		22.30	100.00		14.50		14.00		17.30	100.00
		122	5610	19.05	20.50	18.72	20.5	21.90	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
		138	5690	19.11	20.50	18.61	20.5	21.88	23.50			19.50		19.00		22.30			14.50		14.00		17.30	
	802.11ax-HE160 MCS0	114	5570	18.27	20.00	18.41	20	21.35	23.00	100.00		19.50		19.00		22.30	100.00		14.50		14.00		17.30	100.00

<5.8GHz WLAN>

				Ant8 Full Power Extremity Standalone		Ant5 Full Power Extremity Standalone		Ant 8+5 Full Power Extremity Standalone			Ant8 Head Standalone		Ant5 Head Standalone		Ant 8+5 Head Standalone			Ant8 Head Simultaneous		Ant5 Head Simultaneous		Ant 8+5 Head Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	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	18.11	19.50	18.26	19.50	21.20	22.50	99.32	Not Required	17.00	Not Required	16.50	Not Required	19.80	99.32	Not Required	12.00	Not Required	11.50	Not Required	14.80	99.32
		157	5785	17.12	18.50	17.37	18.50	20.26	21.50			17.00		16.50		19.80			12.00		11.50		14.80	
		165	5825	16.65	18.00	16.71	18.00	19.69	21.00			17.00		16.50		19.80			12.00		11.50		14.80	
	802.11n-HT20 MCS0	149	5745	20.92	22.50	20.20	22.00	23.59	25.30	96.35		17.00		16.50		19.80	96.35		12.00		11.50		14.80	96.35
		157	5785	20.82	22.50	20.04	21.50	23.46	25.00			17.00		16.50		19.80			12.00		11.50		14.80	
		165	5825	18.99	20.50	18.74	20.50	21.88	23.50			17.00		16.50		19.80			12.00		11.50		14.80	
	802.11n-HT40 MCS0	151	5755	20.78	22.50	20.16	21.50	23.49	25.00	100.00		17.00		16.50		19.80	100.00		12.00		11.50		14.80	100.00
		159	5795	20.82	22.50	20.05	21.50	23.46	25.00			17.00		16.50		19.80			12.00		11.50		14.80	
	802.11ac-VHT20 MCS0	149	5745	17.41	19.00	17.52	19.00	20.48	22.00	100.00		17.00		16.50		19.80	100.00		12.00		11.50		14.80	100.00
		157	5785	17.32	19.00	17.54	19.00	20.44	22.00			17.00		16.50		19.80			12.00		11.50		14.80	
		165	5825	17.33	19.00	17.39	19.00	20.37	22.00			17.00		16.50		19.80			12.00		11.50		14.80	
	802.11ac-VHT40 MCS0	151	5755	19.25	21.00	18.71	20.00	22.00	23.50	95.45		17.00		16.50		19.80	95.45		12.00		11.50		14.80	95.45
		159	5795	19.31	21.00	18.69	20.00	22.02	23.50			17.00		16.50		19.80			12.00		11.50		14.80	
	802.11ac-VHT80 MCS0	155	5775	19.17	20.50	18.43	20.00	21.83	23.30	97.25	15.60	17.00	14.86	16.50	18.23	19.80	97.25	10.66	12.00	9.91	11.50	13.27	14.80	97.25
	802.11ax-HE20 MCS0	149	5745	17.49	19.00	17.60	19.00	20.56	22.00	100.00	Not Required	17.00	Not Required	16.50	Not Required	19.80	100.00	Not Required	12.00	Not Required	11.50	Not Required	14.80	100.00
		157	5785	17.34	19.00	17.58	19.00	20.47	22.00			17.00		16.50		19.80			12.00		11.50		14.80	
		165	5825	17.35	19.00	17.42	19.00	20.40	22.00			17.00		16.50		19.80			12.00		11.50		14.80	
	802.11ax-HE40 MCS0	151	5755	19.31	21.00	18.73	20.50	22.04	23.80	98.13		17.00		16.50		19.80	98.13		12.00		11.50		14.80	98.13
		159	5795	19.34	21.00	18.70	20.50	22.04	23.80			17.00		16.50		19.80			12.00		11.50		14.80	
	802.11ax-HE80 MCS0	155	5775	19.22	21.00	18.52	20.00	21.89	23.50	100.00		17.00		16.50		19.80	100.00		12.00		11.50		14.80	100.00

<2.4GHz WLAN>

				Ant3 Body worn Standalone		Ant2 Body worn Standalone		Ant 3+2 Body worn Standalone			Ant3 Body worn Simultaneous Hotspot Simultaneous		Ant2 Body worn Simultaneous Hotspot Simultaneous		Ant 3+2 Body worn Simultaneous Hotspot Simultaneous			Ant3 Extremity Standalone		Ant2 Extremity Standalone		Ant 3+2 Extremity Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	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	17.19	18.50	16.23	18.00	19.83	21.30		12.28	13.50	11.27	13.00	14.74	16.30		19.23	20.00	18.26	19.50	21.80	22.80	
		6	2437	16.89	18.50	16.40	18.00	19.61	21.30	98.29	11.84	13.50	11.38	13.00	14.66	16.30	98.29	18.86	20.00	18.40	19.50	21.63	22.80	98.29
		11	2462	17.02	18.50	16.34	18.00	19.74	21.30		12.08	13.50	11.34	13.00	14.71	16.30		19.06	20.00	18.36	19.50	21.71	22.80	
	802.11g 6Mbps	1	2412	Not Required	18.50	Not Required	18.00	Not Required	21.30	99.43	Not Required	13.50	Not Required	13.00	Not Required	16.30	99.43	17.76	19.50	17.20	19.00	20.50	22.30	99.43
		6	2437		18.50		18.00		21.30			13.50		13.00		16.30		18.25	20.00	18.01	19.50	21.10	22.80	
		10	2457		18.50		18.00		21.30			13.50		13.00		16.30		16.87	18.50	16.77	18.50	19.83	21.50	
		11	2462		17.00		16.50		19.80			13.50		13.00		16.30		15.28	17.00	14.92	16.50	18.12	19.80	
	802.11n-HT20 MCS0	1	2412		18.50		18.00		21.30	100.00		13.50		13.00		16.30	100.00		18.50		18.00		21.30	100.00
		6	2437		18.50		18.00		21.30			13.50		13.00		16.30			20.00		19.50		22.80	
		10	2457		18.00		18.00		21.00			13.50		13.00		16.30			18.00		18.00		21.00	
		11	2462		16.50		16.00		19.30			13.50		13.00		16.30			16.50		16.00		19.30	
	802.11n-HT40 MCS0	3	2422	16.12	17.00	15.81	17.00	18.98	20.00	100.00	Not Required	13.50	Not Required	13.00	Not Required	16.30	100.00	Not Required	14.00	Not Required	14.00	Not Required	17.00	100.00
		6	2437	17.10	18.50	16.14	18.00	19.66	21.30			13.50		13.00		16.30			19.00		18.50		21.80	
		9	2452	10.82	12.50	10.79	12.50	13.82	15.50			12.50		12.50		15.50			12.50		12.50		15.50	
	802.11ax-HE20 MCS0	1	2412	Not Required	17.50	Not Required	17.00	Not Required	20.30	100.00	Not Required	13.50	Not Required	13.00	Not Required	16.30	100.00	Not Required	17.50	Not Required	17.00	Not Required	20.30	100.00
		6	2437		18.50		18.00		21.30			13.50		13.00		16.30			19.00		18.50		21.80	
		10	2457		16.00		16.00		19.00			13.50		13.00		16.30			16.00		16.00		19.00	
		11	2462		16.00		15.50		18.80			13.50		13.00		16.30			16.00		15.50		18.80	
	802.11ax-HE40 MCS0	3	2422		17.00		17.00		20.00	100.00		13.50		13.00		16.30	100.00		14.00		14.00		17.00	100.00
		4	2427		16.50		16.50		19.50			13.50		13.00		16.30			16.50		16.50		19.50	
		6	2437		18.50		18.00		21.30			13.50		13.00		16.30			19.00		18.50		21.80	
		7	2442		14.00		14.00		17.00			13.50		13.00		16.30			14.00		14.00		17.00	
		8	2447		12.50		12.50		15.50			12.50		12.50		15.50			12.50		12.50		15.50	
		9	2452		12.50		12.50		15.50			12.50		12.50		15.50			12.50		12.50		15.50	

<5.2GHz WLAN>

				Ant8 Body worn Standalone		Ant5 Body worn Standalone		Ant 8+5 Body worn Standalone			Ant8 Body worn Simultaneous		Ant5 Body worn Simultaneous		Ant 8+5 Body worn Simultaneous			Ant8 Hotspot Simultaneous		Ant5 Hotspot Simultaneous		Ant 8+5 Hotspot Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	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	Not Required	14.00	Not Required	13.50	Not Required	16.80	99.32	Not Required	9.50	Not Required	9.00	Not Required	12.30	99.32	Not Required	11.50	Not Required	11.00	Not Required	14.30	99.32
		40	5200		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
		44	5220		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
		48	5240		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
	802.11n-HT20 MCS0	36	5180		14.00		13.50		16.80	96.35		9.50		9.00		12.30	96.35		11.50		11.00		14.30	96.35
		40	5200		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
		44	5220		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
		48	5240		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
	802.11n-HT40 MCS0	38	5190		14.00		13.50		16.80	100.00		9.50		9.00		12.30	100.00		11.50		11.00		14.30	100.00
		46	5230		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
	802.11ac-VHT20 MCS0	36	5180		14.00		13.50		16.80	100.00		9.50		9.00		12.30	100.00		11.50		11.00		14.30	100.00
		40	5200		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
		44	5220		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
		48	5240		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
	802.11ac-VHT40 MCS0	38	5190		14.00		13.50		16.80	95.45		9.50		9.00		12.30	95.45		11.50		11.00		14.30	95.45
		46	5230		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
	802.11ac-VHT80 MCS0	42	5210	12.23	14.00	11.89	13.50	15.01	16.80	97.25	7.77	9.50	7.25	9.00	10.51	12.30	97.25	9.92	11.50	9.52	11.00	12.77	14.30	97.25
	802.11ax-HE20 MCS0	36	5180	Not Required	14.00	Not Required	13.50	Not Required	16.80	100.00	Not Required	9.50	Not Required	9.00	Not Required	12.30	100.00	Not Required	11.50	Not Required	11.00	Not Required	14.30	100.00
		40	5200		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
		44	5220		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
		48	5240		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
	802.11ax-HE40 MCS0	38	5190		14.00		13.50		16.80	98.13		9.50		9.00		12.30	98.13		11.50		11.00		14.30	98.13
		46	5230		14.00		13.50		16.80			9.50		9.00		12.30			11.50		11.00		14.30	
	802.11ax-HE80 MCS0	42	5210		14.00		13.50		16.80	100.00		9.50		9.00		12.30	100.00		11.50		11.00		14.30	100.00

<5.3GHz WLAN>

				Ant8 Body worn Standalone		Ant5 Body worn Standalone		Ant 8+5 Body worn Standalone			Ant8 Body worn Simultaneous		Ant5 Body worn Simultaneous		Ant 8+5 Body worn Simultaneous			Ant8 Extremity Standalone		Ant5 Extremity Standalone		Ant 8+5 Extremity Standalone		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	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	Not Required	14.00	Not Required	13.50	Not Required	16.80	99.32	Not Required	9.50	Not Required	9.00	Not Required	12.30	99.32	Not Required	19.00	Not Required	19.00	Not Required	22.00	99.32
		56	5280		14.00		13.50		16.80			9.50		9.00		12.30			20.00		19.50		22.80	
		60	5300		14.00		13.50		16.80			9.50		9.00		12.30			19.00		19.00		22.00	
		64	5320		14.00		13.50		16.80			9.50		9.00		12.30			19.50		19.50		22.50	
	802.11n-HT20 MCS0	52	5260		14.00		13.50		16.80	96.35		9.50		9.00		12.30	96.35		20.00		20.00		23.00	96.35
		56	5280		14.00		13.50		16.80			9.50		9.00		12.30			20.00		20.00		23.00	
		60	5300		14.00		13.50		16.80			9.50		9.00		12.30			20.00		20.00		23.00	
		64	5320		14.00		13.50		16.80			9.50		9.00		12.30			20.50		20.50		23.50	
	802.11n-HT40 MCS0	54	5270		14.00		13.50		16.80	100.00		9.50		9.00		12.30	100.00	19.28	20.50	18.81	20.50	22.09	23.50	100.00
		62	5310		14.00		13.50		16.80			9.50		9.00		12.30		19.18	20.50	18.98	20.50	22.11	23.50	
	802.11ac-VHT20 MCS0	52	5260		14.00		13.50		16.80	100.00		9.50		9.00		12.30	100.00		19.00		19.00		22.00	100.00
		56	5280		14.00		13.50		16.80			9.50		9.00		12.30			20.00		20.00		23.00	
		60	5300		14.00		13.50		16.80			9.50		9.00		12.30			19.00		20.00		22.50	
		64	5320		14.00		13.50		16.80			9.50		9.00		12.30			19.00		19.00		22.00	
	802.11ac-VHT40 MCS0	54	5270		14.00		13.50		16.80	95.45		9.50		9.00		12.30	95.45		20.50		20.00		23.30	95.45
		62	5310		14.00		13.50		16.80			9.50		9.00		12.30			20.50		20.00		23.30	
	802.11ac-VHT80 MCS0	58	5290		14.00		13.50		16.80	97.25		9.50		9.00		12.30	97.25		20.00		20.00		23.00	97.25
	802.11ac-VHT160 MCS0	50	5250	12.28	14.00	11.87	13.50	15.05	16.80	100.00	7.71	9.50	7.30	9.00	10.58	12.30	100.00	Not Required	18.00	Not Required	18.00	Not Required	21.00	100.00
	802.11ax-HE20 MCS0	52	5260	Not Required	14.00	Not Required	13.50	Not Required	16.80	100.00	Not Required	9.50	Not Required	9.00	Not Required	12.30	100.00		19.00		19.00		22.00	100.00
		56	5280		14.00		13.50		16.80			9.50		9.00		12.30			20.50		20.50		23.50	
		60	5300		14.00		13.50		16.80			9.50		9.00		12.30			19.00		20.00		22.50	
		64	5320		14.00		13.50		16.80			9.50		9.00		12.30			19.00		19.00		22.00	
	802.11ax-HE40 MCS0	54	5270		14.00		13.50		16.80	98.13		9.50		9.00		12.30	98.13		20.50		20.00		23.30	98.13
		62	5310		14.00		13.50		16.80			9.50		9.00		12.30			20.50		20.00		23.30	
	802.11ax-HE80 MCS0	58	5290		14.00		13.50		16.80	100.00		9.50		9.00		12.30	100.00		20.00		20.00		23.00	100.00
	802.11ax-HE160 MCS0	50	5250		14.00		13.50		16.80	100.00		9.50		9.00		12.30	100.00		18.00		18.00		21	100.00

<5.5GHz WLAN>

				Ant8 Body worn Standalone		Ant5 Body worn Standalone		Ant 8+5 Body worn Standalone			Ant8 Body worn Simultaneous		Ant5 Body worn Simultaneous		Ant 8+5 Body worn Simultaneous			Ant8 Extremity Simultaneous		Ant5 Extremity Simultaneous		Ant 8+5 Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	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	Not Required	16.00	Not Required	15.50	Not Required	18.80	99.32	Not Required	11.50	Not Required	11.00	Not Required	14.30	99.32	Not Required	18.50	Not Required	18.00	Not Required	21.30	99.32
		116	5580		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		124	5620		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		132	5660		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		140	5700		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		144	5720		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
	802.11n-HT20 MCS0	100	5500		16.00		15.50		18.80	96.35		11.50		11.00		14.30	96.35		18.50		18.00		21.30	96.35
		116	5580		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		124	5620		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		132	5660		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		140	5700		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		144	5720		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
	802.11n-HT40 MCS0	102	5510		16.00		15.50		18.80	100.00		11.50		11.00		14.30	100.00		18.50		18.00		21.30	100.00
		110	5550		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		126	5630		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		134	5670		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		142	5710		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
	802.11ac-VHT20 MCS0	100	5500		16.00		15.50		18.80	100.00		11.50		11.00		14.30	100.00		18.50		18.00		21.30	100.00
		116	5580		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		124	5620		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		132	5660		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		140	5700		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		144	5720		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
	802.11ac-VHT40 MCS0	102	5510		16.00		15.50		18.80	95.45		11.50		11.00		14.30	95.45		18.50		18.00		21.30	95.45
		110	5550		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		126	5630		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		134	5670		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		142	5710		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
	802.11ac-VHT80 MCS0	106	5530		16.00		15.50		18.80	97.25		11.50		11.00		14.30	97.25		18.50		18.00		21.30	97.25
		122	5610		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		138	5690		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
	802.11ac-VHT160 MCS0	114	5570	14.38	16.00	14.20	15.50	17.21	18.80	100.00	9.90	11.50	9.70	11.00	12.76	14.30	100.00	16.80	18.50	16.59	18.00	19.69	21.30	100.00
	802.11ax-HE20 MCS0	100	5500	Not Required	16.00	Not Required	15.50	Not Required	18.80	100.00	Not Required	11.50	Not Required	11.00	Not Required	14.30	100.00	Not Required	18.50	Not Required	18.00	Not Required	21.30	100.00
		116	5580		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		124	5620		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		132	5660		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		140	5700		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		144	5720		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
	802.11ax-HE40 MCS0	102	5510		16.00		15.50		18.80	98.13		11.50		11.00		14.30	98.13		18.50		18.00		21.30	98.13
		110	5550		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		126	5630		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		134	5670		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		142	5710		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
	802.11ax-HE80 MCS0	106	5530		16.00		15.50		18.80	100.00		11.50		11.00		14.30	100.00		18.50		18.00		21.30	100.00
		122	5610		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
		138	5690		16.00		15.50		18.80			11.50		11.00		14.30			18.50		18.00		21.30	
	802.11ax-HE160 MCS0	114	5570		16.00		15.50		18.80	100.00		11.50		11.00		14.30	100.00		18.50		18.00		21.30	100.00

<5.8GHz WLAN>

				Ant8 Body worn Standalone		Ant5 Body worn Standalone		Ant 8+5 Body worn Standalone			Ant8 Body worn Simultaneous		Ant5 Body worn Simultaneous		Ant 8+5 Body worn Simultaneous			Ant8 Hotspot Simultaneous		Ant5 Hotspot Simultaneous		Ant 8+5 Hotspot Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	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	Not Required	15.50	Not Required	15.00	Not Required	18.30	99.32	Not Required	11.00	Not Required	10.50	Not Required	13.80	99.32	Not Required	13.50	Not Required	13.00	Not Required	16.30	99.32
		157	5785		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
		165	5825		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
	802.11n-HT20 MCS0	149	5745		15.50		15.00		18.30	96.35		11.00		10.50		13.80	96.35		13.50		13.00		16.30	96.35
		157	5785		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
		165	5825		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
	802.11n-HT40 MCS0	151	5755		15.50		15.00		18.30	100.00		11.00		10.50		13.80	100.00		13.50		13.00		16.30	100.00
		159	5795		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
	802.11ac-VHT20 MCS0	149	5745		15.50		15.00		18.30	100.00		11.00		10.50		13.80	100.00		13.50		13.00		16.30	100.00
		157	5785		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
		165	5825		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
	802.11ac-VHT40 MCS0	151	5755		15.50		15.00		18.30	95.45		11.00		10.50		13.80	95.45		13.50		13.00		16.30	95.45
		159	5795		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
	802.11ac-VHT80 MCS0	155	5775	14.15	15.50	13.32	15.00	16.76	18.30	97.25	9.64	11.00	8.92	10.50	12.21	13.80	97.25	12.15	13.50	11.31	13.00	14.74	16.30	97.25
	802.11ax-HE20 MCS0	149	5745	Not Required	15.50	Not Required	15.00	Not Required	18.30	100.00	Not Required	11.00	Not Required	10.50	Not Required	13.80	100.00	Not Required	13.50	Not Required	13.00	Not Required	16.30	100.00
		157	5785		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
		165	5825		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
	802.11ax-HE40 MCS0	151	5755		15.50		15.00		18.30	98.13		11.00		10.50		13.80	98.13		13.50		13.00		16.30	98.13
		159	5795		15.50		15.00		18.30			11.00		10.50		13.80			13.50		13.00		16.30	
	802.11ax-HE80 MCS0	155	5775		15.50		15.00		18.30	100.00		11.00		10.50		13.80	100.00		13.50		13.00		16.30	100.00

<2.4GHz WLAN>

				Ant3 Extremity Simultaneous		Ant2 Extremity Simultaneous		Ant 3+2 Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	13.71	15.00	12.81	14.50	16.29	17.80	98.29
		6	2437	13.37	15.00	12.83	14.50	16.17	17.80	
		11	2462	13.51	15.00	12.88	14.50	16.17	17.80	
	802.11g 6Mbps	1	2412	Not Required	15.00	Not Required	14.50	Not Required	17.80	99.43
		6	2437		15.00		14.50		17.80	
		10	2457		15.00		14.50		17.80	
		11	2462		15.00		14.50		17.80	
	802.11n-HT20 MCS0	1	2412		15.00		14.50		17.80	100.00
		6	2437		15.00		14.50		17.80	
		10	2457		15.00		14.50		17.80	
		11	2462		15.00		14.50		17.80	
	802.11n-HT40 MCS0	3	2422		14.00		14.00		17.00	100.00
		6	2437		15.00		14.50		17.80	
		9	2452		12.50		12.50		15.50	
	802.11ax-HE20 MCS0	1	2412		15.00		14.50		17.80	100.00
		6	2437		15.00		14.50		17.80	
		10	2457		15.00		14.50		17.80	
		11	2462		15.00		14.50		17.80	
	802.11ax-HE40 MCS0	3	2422		14.00		14.00		17.00	100.00
		4	2427		15.00		14.50		17.80	
		6	2437		15.00		14.50		17.80	
		7	2442		14.00		14.00		17.00	
		8	2447		12.50		12.50		15.50	
		9	2452		12.50		12.50		15.50	

<5.2GHz WLAN>

				Ant8 Extremity Standalone		Ant5 Extremity Standalone		Ant 8+5 Extremity Standalone			Ant8 Extremity Simultaneous		Ant5 Extremity Simultaneous		Ant 8+5 Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	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	Not Required	19.50	Not Required	19.50	Not Required	22.50	99.32	Not Required	16.50	Not Required	16.00	Not Required	19.30	99.32
		40	5200		19.50		19.50		22.50			16.50		16.00		19.30	
		44	5220		19.50		19.50		22.50			16.50		16.00		19.30	
		48	5240		19.00		19.00		22.00			16.50		16.00		19.30	
	802.11n-HT20 MCS0	36	5180		20.00		20.00		23.00	96.35		16.50		16.00		19.30	96.35
		40	5200		20.00		20.00		23.00			16.50		16.00		19.30	
		44	5220		20.00		20.00		23.00			16.50		16.00		19.30	
		48	5240		20.00		20.00		23.00			16.50		16.00		19.30	
	802.11n-HT40 MCS0	38	5190	18.99	20.50	18.79	20.50	21.99	23.50	100.00		16.50		16.00		19.30	100.00
		46	5230	19.29	20.50	18.82	20.50	22.03	23.50			16.50		16.00		19.30	
	802.11ac-VHT20 MCS0	36	5180	Not Required	19.00	Not Required	19.00	Not Required	22.00	100.00		16.50		16.00		19.30	100.00
		40	5200		19.50		20.00		22.80			16.50		16.00		19.30	
		44	5220		19.50		20.00		22.80			16.50		16.00		19.30	
		48	5240		20.00		20.00		23.00			16.50		16.00		19.30	
	802.11ac-VHT40 MCS0	38	5190		19.00		19.00		22.00	95.45		16.50		16.00		19.30	95.45
		46	5230		20.50		20.00		23.30			16.50		16.00		19.30	
	802.11ac-VHT80 MCS0	42	5210		18.00		18.00		21.00	97.25	15.05	16.50	14.51	16.00	17.67	19.30	97.25
	802.11ax-HE20 MCS0	36	5180		19.00		19.00		22.00	100.00		16.50		16.00		19.30	100.00
		40	5200		20.00		20.00		23.00			16.50		16.00		19.30	
		44	5220		20.00		20.00		23.00			16.50		16.00		19.30	
		48	5240		20.50		20.50		23.50			16.50		16.00		19.30	
	802.11ax-HE40 MCS0	38	5190		19.00		19.00		22.00	98.13		16.50		16.00		19.30	98.13
		46	5230		20.50		20.00		23.30			16.50		16.00		19.30	
	802.11ax-HE80 MCS0	42	5210		18.00		18.00		21.00	100.00		16.50		16.00		19.30	100.00

<5.3GHz WLAN>

				Ant8 Extremity Simultaneous		Ant5 Extremity Simultaneous		Ant 8+5 Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	16.50	Not Required	16.00	Not Required	19.30	99.32
		56	5280		16.50		16.00		19.30	
		60	5300		16.50		16.00		19.30	
		64	5320		16.50		16.00		19.30	
	802.11n-HT20 MCS0	52	5260		16.50		16.00		19.30	96.35
		56	5280		16.50		16.00		19.30	
		60	5300		16.50		16.00		19.30	
		64	5320		16.50		16.00		19.30	
	802.11n-HT40 MCS0	54	5270		16.50		16.00		19.30	100.00
		62	5310		16.50		16.00		19.30	
	802.11ac-VHT20 MCS0	52	5260		16.50		16.00		19.30	100.00
		56	5280		16.50		16.00		19.30	
		60	5300		16.50		16.00		19.30	
		64	5320		16.50		16.00		19.30	
	802.11ac-VHT40 MCS0	54	5270		16.50		16.00		19.30	95.45
		62	5310		16.50		16.00		19.30	
	802.11ac-VHT80 MCS0	58	5290		16.50		16.00		19.30	97.25
	802.11ac-VHT160 MCS0	50	5250	15.70	16.50	15.35	16.00	18.57	19.30	100.00
	802.11ax-HE20 MCS0	52	5260	Not Required	16.50	Not Required	16.00	Not Required	19.30	100.00
		56	5280		16.50		16.00		19.30	
		60	5300		16.50		16.00		19.30	
		64	5320		16.50		16.00		19.30	
	802.11ax-HE40 MCS0	54	5270		16.50		16.00		19.30	98.13
		62	5310		16.50		16.00		19.30	
	802.11ax-HE80 MCS0	58	5290		16.50		16.00		19.30	100.00
	802.11ax-HE160 MCS0	50	5250		16.50		16.00		19.30	100.00

<5.8GHz WLAN>

				Ant8 Extremity Simultaneous		Ant5 Extremity Simultaneous		Ant 8+5 Extremity Simultaneous		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	18.00	Not Required	17.50	Not Required	20.80	99.32
		157	5785		18.00		17.50		20.80	
		165	5825		18.00		17.50		20.80	
	802.11n-HT20 MCS0	149	5745		18.00		17.50		20.80	96.35
		157	5785		18.00		17.50		20.80	
		165	5825		18.00		17.50		20.80	
	802.11n-HT40 MCS0	151	5755		18.00		17.50		20.80	100.00
		159	5795		18.00		17.50		20.80	
	802.11ac-VHT20 MCS0	149	5745		18.00		17.50		20.80	100.00
		157	5785		18.00		17.50		20.80	
		165	5825		18.00		17.50		20.80	
	802.11ac-VHT40 MCS0	151	5755		18.00		17.50		20.80	95.45
		159	5795		18.00		17.50		20.80	
	802.11ac-VHT80 MCS0	155	5775	16.55	18.00	15.81	17.50	19.27	20.80	97.25
	802.11ax-HE20 MCS0	149	5745	Not Required	18.00	Not Required	17.50	Not Required	20.80	100.00
		157	5785		18.00		17.50		20.80	
		165	5825		18.00		17.50		20.80	
	802.11ax-HE40 MCS0	151	5755		18.00		17.50		20.80	98.13
		159	5795		18.00		17.50		20.80	
	802.11ax-HE80 MCS0	155	5775		18.00		17.50		20.80	100.00

<Bluetooth>			Ant3 Full Power			Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	16.43	13.91	13.93	17.5
	CH 39	2441	17.59	15.04	15.08	18.5
	CH 78	2480	15.42	13.07	13.12	16.6

<Bluetooth>			Ant3 Head Standalone			Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.91	13.32	13.56	14.5
	CH 39	2441	13.50	12.89	12.87	14.5
	CH 78	2480	11.70	10.70	10.74	12.5

<Bluetooth>			Ant3 Head Simultaneous Body Stanalone			Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	13.18	12.82	13.05	13.5
	CH 39	2441	13.19	12.52	12.58	13.5
	CH 78	2480	11.01	10.49	10.54	12

<Bluetooth>			Ant3 Hotspot Simultaneous Body Simultaneous			Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	12.44	12.41	12.38	13
	CH 39	2441	12.58	12.53	12.35	13
	CH 78	2480	10.07	9.92	9.97	11

<Bluetooth>			Ant2 Full Power			Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	17.51	15.08	15.06	18.5
	CH 39	2441	16.77	14.30	14.29	17.5
	CH 78	2480	16.95	14.56	14.55	18

<Bluetooth>			Ant2 Head Standalone			Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	15.21	14.61	14.62	16
	CH 39	2441	13.11	12.68	12.58	14
	CH 78	2480	13.36	12.80	12.74	14

<Bluetooth>			Ant2 Head Simultaneous Body Stanalone			Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	14.33	14.08	14.15	15
	CH 39	2441	12.05	11.99	12.00	13
	CH 78	2480	12.42	12.34	12.36	13

<Bluetooth>			Ant2 Hotspot Simultaneous Body Simultaneous			Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	12.81	12.76	12.63	13.5
	CH 39	2441	12.07	11.75	11.68	12.5
	CH 78	2480	12.28	11.63	11.59	12.5

BLE 1M			Ant3 Full Power	Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	10.64	11.5
	CH 19	2440	12.23	13
	CH 39	2480	10.08	11

BLE 2M			Ant3 Full Power	Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 01	2404	10.81	11.5
	CH 19	2440	12.29	13
	CH 38	2478	10.26	11

BLE 1M			Ant2 Full Power	Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	11.49	12.5
	CH 19	2440	12.55	13
	CH 39	2480	12.89	13

BLE 2M			Ant2 Full Power	Tune-up Limit
Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 01	2404	11.59	12.5
	CH 19	2440	12.65	13.5
	CH 38	2478	12.79	13.5