Full & Default Power Mode

GSM850_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.00	32.14	32.12	33.20	23.00	23.14	23.12	24.20
GPRS/EDGE GMSK 1 Tx slot	31.97	32.12	32.10	33.20	22.97	23.12	23.10	24.20
GPRS/EDGE GMSK 2 Tx slots	30.34	30.50	30.49	31.20	24.34	24.50	24.49	25.20
GPRS/EDGE GMSK 3 Tx slots	28.19	28.38	28.39	29.20	23.93	24.12	24.13	24.94
GPRS/EDGE GMSK 4 Tx slots	26.54	26.75	26.76	27.70	23.54	23.75	23.76	24.70
EDGE 8PSK 1 Tx slot	26.73	26.72	26.64	27.70	17.73	17.72	17.64	18.70
EDGE 8PSK 2 Tx slots	24.48	24.59	24.48	25.70	18.48	18.59	18.48	19.70
EDGE 8PSK 3 Tx slots	22.25	22.41	22.21	23.70	17.99	18.15	17.95	19.44
EDGE 8PSK 4 Tx slots	20.50	20.54	20.38	22.20	17.50	17.54	17.38	19.20

GSM850_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.05	32.32	32.28	33.20	23.05	23.32	23.28	24.20
GPRS/EDGE GMSK 1 Tx slot	32.02	32.30	32.25	33.20	23.02	23.30	23.25	24.20
GPRS/EDGE GMSK 2 Tx slots	30.30	30.62	30.58	31.20	24.30	24.62	24.58	25.20
GPRS/EDGE GMSK 3 Tx slots	28.11	28.42	28.44	29.20	23.85	24.16	24.18	24.94
GPRS/EDGE GMSK 4 Tx slots	26.42	26.72	26.78	27.70	23.42	23.72	23.78	24.70
EDGE 8PSK 1 Tx slot	26.24	26.35	26.22	27.70	17.24	17.35	17.22	18.70
EDGE 8PSK 2 Tx slots	24.09	24.25	24.09	25.70	18.09	18.25	18.09	19.70
EDGE 8PSK 3 Tx slots	21.85	22.02	22.01	23.70	17.59	17.76	17.75	19.44
EDGE 8PSK 4 Tx slots	20.24	20.21	20.20	22.20	17.24	17.21	17.20	19.20

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.75	29.91	29.68	30.70	20.75	20.91	20.68	21.70
GPRS/EDGE GMSK 1 Tx slot	29.73	29.89	29.67	30.70	20.73	20.89	20.67	21.70
GPRS/EDGE GMSK 2 Tx slots	27.62	27.81	27.65	28.70	21.62	21.81	21.65	22.70
GPRS/EDGE GMSK 3 Tx slots	25.61	25.80	25.65	26.70	21.35	21.54	21.39	22.44
GPRS/EDGE GMSK 4 Tx slots	24.12	24.32	24.19	25.20	21.12	21.32	21.19	22.20
EDGE 8PSK 1 Tx slot	25.84	25.85	25.76	27.20	16.84	16.85	16.76	18.20
EDGE 8PSK 2 Tx slots	23.82	23.80	23.73	25.20	17.82	17.80	17.73	19.20
EDGE 8PSK 3 Tx slots	21.68	21.57	21.63	23.20	17.42	17.31	17.37	18.94
EDGE 8PSK 4 Tx slots	20.23	20.19	20.21	21.70	17.23	17.19	17.21	18.70

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.16	29.32	29.18	30.70	20.16	20.32	20.18	21.70
GPRS/EDGE GMSK 1 Tx slot	29.14	29.31	29.16	30.70	20.14	20.31	20.16	21.70
GPRS/EDGE GMSK 2 Tx slots	27.01	27.32	27.10	28.70	21.01	21.32	21.10	22.70
GPRS/EDGE GMSK 3 Tx slots	25.01	25.22	25.12	26.70	20.75	20.96	20.86	22.44
GPRS/EDGE GMSK 4 Tx slots	23.54	23.85	23.66	25.20	20.54	20.85	20.66	22.20
EDGE 8PSK 1 Tx slot	25.93	25.84	25.82	27.20	16.93	16.84	16.82	18.20
EDGE 8PSK 2 Tx slots	23.92	23.87	23.83	25.20	17.92	17.87	17.83	19.20
EDGE 8PSK 3 Tx slots	21.75	21.68	21.70	23.20	17.49	17.42	17.44	18.94
EDGE 8PSK 4 Tx slots	20.16	20.14	20.23	21.70	17.16	17.14	17.23	18.70

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.90	23.00	22.85	24.20	22.83	22.85	22.70	24.20
3GPP Rel 99	RMC 12.2Kbps	22.99	23.07	22.87	24.20	22.84	22.86	22.73	24.20
3GPP Rel 6	HSDPA Subtest-1	22.98	23.06	23.02	24.20	22.76	22.83	22.69	24.20
3GPP Rel 6	HSDPA Subtest-2	22.97	23.05	23.01	24.20	22.77	22.82	22.71	24.20
3GPP Rel 6	HSDPA Subtest-3	22.55	22.65	22.55	23.70	22.31	22.37	22.24	23.70
3GPP Rel 6	HSDPA Subtest-4	22.52	22.64	22.61	23.70	22.27	22.34	22.20	23.70
3GPP Rel 8	DC-HSDPA Subtest-1	22.93	23.01	23.02	24.20	22.71	22.74	22.58	24.20
3GPP Rel 8	DC-HSDPA Subtest-2	22.87	22.90	22.91	24.20	22.69	22.70	22.63	24.20
3GPP Rel 8	DC-HSDPA Subtest-3	22.40	22.51	22.45	23.70	22.23	22.30	22.11	23.70
3GPP Rel 8	DC-HSDPA Subtest-4	22.47	22.52	22.59	23.70	22.19	22.29	22.09	23.70
3GPP Rel 6	HSUPA Subtest-1	21.03	21.14	21.07	22.20	20.77	20.78	21.00	22.20
3GPP Rel 6	HSUPA Subtest-2	21.04	21.14	21.08	22.20	20.74	20.79	21.05	22.20
3GPP Rel 6	HSUPA Subtest-3	22.05	22.14	22.08	23.20	21.78	21.83	22.03	23.20
3GPP Rel 6	HSUPA Subtest-4	20.56	20.64	20.53	21.70	20.28	20.28	20.60	21.70
3GPP Rel 6	HSUPA Subtest-5	22.05	22.15	22.10	23.20	21.75	21.80	22.00	23.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.08	20.04	21.20	19.96	20.12	20.02	21.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.60	23.92	23.84	24.70	23.25	23.45	23.43	24.70
3GPP Rel 99	RMC 12.2Kbps	23.65	23.95	23.89	24.70	23.28	23.48	23.47	24.70
3GPP Rel 6	HSDPA Subtest-1	23.63	23.92	23.87	24.70	23.21	23.47	23.46	24.70
3GPP Rel 6	HSDPA Subtest-2	23.63	23.92	23.88	24.70	23.22	23.46	23.42	24.70
3GPP Rel 6	HSDPA Subtest-3	23.13	23.49	23.37	24.20	22.74	22.98	23.00	24.20
3GPP Rel 6	HSDPA Subtest-4	23.12	23.39	23.37	24.20	22.69	22.92	22.93	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.80	23.78	24.70	23.09	23.39	23.40	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.55	23.87	23.73	24.70	23.07	23.33	23.33	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	23.05	23.41	23.25	24.20	22.69	22.92	22.95	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	23.01	23.31	23.27	24.20	22.58	22.78	22.86	24.20
3GPP Rel 6	HSUPA Subtest-1	21.61	21.92	21.81	22.70	21.24	21.44	21.41	22.70
3GPP Rel 6	HSUPA Subtest-2	21.65	21.95	21.87	22.70	21.26	21.46	21.41	22.70
3GPP Rel 6	HSUPA Subtest-3	22.62	22.94	22.87	23.70	22.27	22.46	22.42	23.70
3GPP Rel 6	HSUPA Subtest-4	21.16	21.51	21.34	22.20	20.75	21.10	20.94	22.20
3GPP Rel 6	HSUPA Subtest-5	22.60	22.90	22.80	23.70	22.20	22.43	22.37	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.33	20.49	20.16	21.70	20.25	20.24	20.13	21.70

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 31			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.58	23.60	23.57	24.70	23.80	23.80	23.73	24.70
3GPP Rel 99	RMC 12.2Kbps	23.61	23.64	23.59	24.70	23.82	23.83	23.76	24.70
3GPP Rel 6	HSDPA Subtest-1	23.59	23.62	23.57	24.70	23.79	23.76	23.74	24.70
3GPP Rel 6	HSDPA Subtest-2	23.60	23.63	23.58	24.70	23.80	23.82	23.71	24.70
3GPP Rel 6	HSDPA Subtest-3	23.16	23.22	23.12	24.20	23.32	23.37	23.25	24.20
3GPP Rel 6	HSDPA Subtest-4	23.13	23.18	23.09	24.20	23.29	23.32	23.20	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.54	23.45	24.70	23.64	23.64	23.73	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.45	23.49	23.45	24.70	23.71	23.70	23.67	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	23.09	23.11	22.97	24.20	23.26	23.27	23.18	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	23.03	23.09	22.95	24.20	23.23	23.19	23.15	24.20
3GPP Rel 6	HSUPA Subtest-1	21.64	21.65	21.62	22.70	21.78	21.81	21.72	22.70
3GPP Rel 6	HSUPA Subtest-2	21.65	21.70	21.63	22.70	21.80	21.79	21.77	22.70
3GPP Rel 6	HSUPA Subtest-3	22.66	22.70	22.61	23.70	22.80	22.77	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	21.16	21.18	21.19	22.20	21.32	21.31	21.23	22.20
3GPP Rel 6	HSUPA Subtest-5	22.58	22.72	22.60	23.70	22.80	22.82	22.70	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.98	20.24	20.08	21.70	20.08	20.23	20.20	21.70

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.82	23.83	23.81		
20	QPSK	1	49	23.73	23.80	23.79	24.7	0
20	QPSK	1	99	23.70	23.66	23.68		
20	QPSK	50	0	22.81	22.83	22.80		
20	QPSK	50	24	22.75	22.78	22.76	23.7	1
20	QPSK	50	50	22.73	22.74	22.76		
20	QPSK	100	0	22.74	22.81	22.76		
20	16QAM	1	0	22.99	23.05	22.99		
20	16QAM	1	49	23.00	23.01	23.07	23.7	1
20	16QAM	1	99	22.97	22.97	22.93		
20	16QAM	50	0	21.67	21.79	21.73		
20	16QAM	50	24	21.73	21.77	21.73	22.7	2
20	16QAM	50	50	21.68	21.73	21.67		
20	16QAM	100	0	21.67	21.75	21.71		
20	64QAM	1	0	21.84	21.94	21.77		
20	64QAM	1	49	21.81	21.93	21.89	22.7	2
20	64QAM	1	99	21.79	21.79	21.76		
20	64QAM	50	0	20.68	20.78	20.72		
20	64QAM	50	24	20.74	20.78	20.72	21.7	3
20	64QAM	50	50	20.68	20.74	20.65		
20	64QAM	100	0	20.67	20.73	20.70		
20	256QAM	1	0	18.83	18.85	18.81		
20	256QAM	1	49	18.71	18.75	18.80	19.7	5
20	256QAM	1	99	18.71	18.72	18.66		
20	256QAM	50	0	18.70	18.70	18.69		
20	256QAM	50	24	18.70	18.73	18.78	19.7	5
20	256QAM	50	50	18.75	18.76	18.69		
20	256QAM	100	0	18.73	18.80	18.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.78	23.70	23.78		
15	QPSK	1	37	23.67	23.70	23.71	24.7	0
15	QPSK	1	74	23.56	23.60	23.64		
15	QPSK	36	0	22.67	22.69	22.74		
15	QPSK	36	20	22.71	22.66	22.67	23.7	1
15	QPSK	36	39	22.69	22.68	22.70		
15	QPSK	75	0	22.73	22.77	22.69		
15	16QAM	1	0	22.96	22.92	22.84		
15	16QAM	1	37	22.93	22.87	23.05	23.7	1
15	16QAM	1	74	22.89	22.84	22.90		
15	16QAM	36	0	21.58	21.64	21.58		
15	16QAM	36	20	21.66	21.69	21.59	22.7	2
15	16QAM	36	39	21.62	21.71	21.60		
15	16QAM	75	0	21.61	21.72	21.60		
15	64QAM	1	0	21.75	21.85	21.72		
15	64QAM	1	37	21.70	21.80	21.75	22.7	2
15	64QAM	1	74	21.72	21.75	21.71		
15	64QAM	36	0	20.63	20.67	20.62		
15	64QAM	36	20	20.69	20.70	20.66	21.7	3
15	64QAM	36	39	20.61	20.59	20.58		
15	64QAM	75	0	20.63	20.68	20.69		
15	256QAM	1	0	18.77	18.76	18.66		
15	256QAM	1	37	18.68	18.63	18.78	19.7	5
15	256QAM	1	74	18.65	18.65	18.51		
15	256QAM	36	0	18.60	18.58	18.64		
15	256QAM	36	20	18.68	18.69	18.72	19.7	5
15	256QAM	36	39	18.73	18.64	18.55		
15	256QAM	75	0	18.60	18.69	18.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.77	23.82	23.75		
10	QPSK	1	25	23.66	23.71	23.75	24.7	0
10	QPSK	1	49	23.55	23.61	23.60		
10	QPSK	25	0	22.74	22.69	22.70		
10	QPSK	25	12	22.74	22.75	22.77	23.7	1
10	QPSK	25	25	22.58	22.66	22.75		
10	QPSK	50	0	22.69	22.72	22.62		
10	16QAM	1	0	22.91	22.97	22.84		
10	16QAM	1	25	22.91	22.99	23.03	23.7	1
10	16QAM	1	49	22.89	22.87	22.84		
10	16QAM	25	0	21.52	21.78	21.64		
10	16QAM	25	12	21.59	21.71	21.69	22.7	2
10	16QAM	25	25	21.57	21.60	21.58		
10	16QAM	50	0	21.53	21.71	21.68		
10	64QAM	1	0	21.71	21.86	21.64		
10	64QAM	1	25	21.68	21.82	21.85	22.7	2
10	64QAM	1	49	21.65	21.69	21.74		
10	64QAM	25	0	20.61	20.67	20.58		
10	64QAM	25	12	20.69	20.72	20.66	21.7	3
10	64QAM	25	25	20.56	20.65	20.55		
10	64QAM	50	0	20.67	20.73	20.63		
10	256QAM	1	0	18.75	18.84	18.71		
10	256QAM	1	25	18.57	18.63	18.73	19.7	5
10	256QAM	1	49	18.58	18.57	18.61		
10	256QAM	25	0	18.58	18.62	18.65		
10	256QAM	25	12	18.69	18.71	18.70	19.7	5
10	256QAM	25	25	18.70	18.73	18.59		
10	256QAM	50	0	18.71	18.75	18.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.81	23.77	23.67		
5	QPSK	1	12	23.58	23.67	23.70	24.7	0
5	QPSK	1	24	23.65	23.63	23.53		
5	QPSK	12	0	22.72	22.66	22.67		
5	QPSK	12	7	22.61	22.69	22.71	23.7	1
5	QPSK	12	13	22.70	22.70	22.71		
5	QPSK	25	0	22.61	22.70	22.62		
5	16QAM	1	0	22.90	23.00	22.94		
5	16QAM	1	12	22.91	22.94	22.92	23.7	1
5	16QAM	1	24	22.86	22.90	22.87		
5	16QAM	12	0	21.57	21.65	21.67		
5	16QAM	12	7	21.58	21.66	21.66	22.7	2
5	16QAM	12	13	21.58	21.70	21.64		
5	16QAM	25	0	21.64	21.68	21.58		
5	64QAM	1	0	21.72	21.86	21.74		
5	64QAM	1	12	21.69	21.83	21.88	22.7	2
5	64QAM	1	24	21.70	21.66	21.62		
5	64QAM	12	0	20.55	20.66	20.70		
5	64QAM	12	7	20.73	20.68	20.60	21.7	3
5	64QAM	12	13	20.59	20.60	20.61		
5	64QAM	25	0	20.60	20.69	20.57		
5	256QAM	1	0	18.71	18.70	18.69		
5	256QAM	1	12	18.58	18.64	18.79	19.7	5
5	256QAM	1	24	18.69	18.67	18.61		
5	256QAM	12	0	18.68	18.59	18.65		
5	256QAM	12	7	18.77	18.64	18.66	19.7	5
5	256QAM	12	13	18.62	18.62	18.65		
5	256QAM	25	0	18.64	18.73	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.76	23.76	23.72		
3	QPSK	1	8	23.68	23.74	23.78	24.7	0
3	QPSK	1	14	23.69	23.64	23.64		
3	QPSK	8	0	22.75	22.80	22.71		
3	QPSK	8	4	22.69	22.77	22.69	23.7	1
3	QPSK	8	7	22.68	22.73	22.65		
3	QPSK	15	0	22.67	22.66	22.69		
3	16QAM	1	0	22.92	23.00	22.97		
3	16QAM	1	8	22.91	22.92	22.98	23.7	1
3	16QAM	1	14	22.92	22.88	22.84		
3	16QAM	8	0	21.66	21.77	21.62		
3	16QAM	8	4	21.66	21.70	21.71	22.7	2
3	16QAM	8	7	21.64	21.65	21.65		
3	16QAM	15	0	21.65	21.74	21.63		
3	64QAM	1	0	21.72	21.80	21.75		
3	64QAM	1	8	21.79	21.83	21.83	22.7	2
3	64QAM	1	14	21.70	21.78	21.65		
3	64QAM	8	0	20.54	20.68	20.70		
3	64QAM	8	4	20.62	20.63	20.60	21.7	3
3	64QAM	8	7	20.61	20.62	20.52		
3	64QAM	15	0	20.66	20.62	20.57		
3	256QAM	1	0	18.82	18.70	18.73		
3	256QAM	1	8	18.67	18.62	18.75	19.7	5
3	256QAM	1	14	18.64	18.68	18.63		
3	256QAM	8	0	18.69	18.55	18.61		
3	256QAM	8	4	18.75	18.72	18.69	19.7	5
3	256QAM	8	7	18.64	18.75	18.59		
3	256QAM	15	0	18.58	18.72	18.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.73	23.76	23.72		
1.4	QPSK	1	3	23.68	23.66	23.64		
1.4	QPSK	1	5	23.68	23.67	23.63	24.7	0
1.4	QPSK	3	0	23.73	23.68	23.78		
1.4	QPSK	3	1	23.66	23.77	23.64		
1.4	QPSK	3	3	23.66	23.53	23.61		
1.4	QPSK	6	0	22.69	22.69	22.69	23.7	1
1.4	16QAM	1	0	22.67	22.63	22.67		
1.4	16QAM	1	3	22.62	22.73	22.65		
1.4	16QAM	1	5	22.66	22.80	22.73	23.7	1
1.4	16QAM	3	0	22.98	22.94	22.91		
1.4	16QAM	3	1	22.99	22.92	22.97		
1.4	16QAM	3	3	22.96	22.94	22.80		
1.4	16QAM	6	0	21.55	21.65	21.62	22.7	2
1.4	64QAM	1	0	21.64	21.80	21.65		
1.4	64QAM	1	3	21.60	21.71	21.56		
1.4	64QAM	1	5	21.54	21.72	21.59	22.7	2
1.4	64QAM	3	0	21.71	21.79	21.62		
1.4	64QAM	3	1	21.68	21.82	21.82		
1.4	64QAM	3	3	21.62	21.74	21.73		
1.4	64QAM	6	0	20.61	20.70	20.59	21.7	3
1.4	256QAM	1	0	18.73	18.70	18.68		
1.4	256QAM	1	3	18.57	18.66	18.69		
1.4	256QAM	1	5	18.61	18.58	18.54	19.7	5
1.4	256QAM	3	0	18.62	18.58	18.55		
1.4	256QAM	3	1	18.76	18.68	18.66		
1.4	256QAM	3	3	18.62	18.66	18.66		
1.4	256QAM	6	0	18.62	18.69	18.72	19.7	5

Band 2_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.33	23.35	23.31		
20	QPSK	1	49	23.14	23.27	23.30	24.5	0
20	QPSK	1	99	23.16	23.21	23.15		
20	QPSK	50	0	22.30	22.36	22.32		
20	QPSK	50	24	22.30	22.27	22.30	23.5	1
20	QPSK	50	50	22.27	22.22	22.23		
20	QPSK	100	0	22.30	22.33	22.29		
20	16QAM	1	0	22.44	22.59	22.69		
20	16QAM	1	49	22.65	22.59	22.73	23.5	1
20	16QAM	1	99	22.39	22.52	22.40		
20	16QAM	50	0	21.36	21.32	21.22		
20	16QAM	50	24	21.25	21.29	21.20	22.5	2
20	16QAM	50	50	21.20	21.21	21.22		
20	16QAM	100	0	21.23	21.25	21.22		
20	64QAM	1	0	21.06	21.53	21.53		
20	64QAM	1	49	21.04	21.54	21.50	22.5	2
20	64QAM	1	99	21.46	21.21	21.25		
20	64QAM	50	0	20.26	20.30	20.26		
20	64QAM	50	24	20.25	20.25	20.23	21.5	3
20	64QAM	50	50	20.22	20.21	20.25		
20	64QAM	100	0	20.26	20.29	20.20		
20	256QAM	1	0	18.36	18.38	18.35		
20	256QAM	1	49	18.26	18.37	18.26	19.5	5
20	256QAM	1	99	18.28	18.37	18.22		
20	256QAM	50	0	18.23	18.32	18.29		
20	256QAM	50	24	18.24	18.26	18.34	19.5	5
20	256QAM	50	50	18.31	18.37	18.34		
20	256QAM	100	0	18.26	18.34	18.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.25	23.20	23.28		
15	QPSK	1	37	23.07	23.23	23.17	24.5	0
15	QPSK	1	74	23.01	23.17	23.14		
15	QPSK	36	0	22.23	22.27	22.23		
15	QPSK	36	20	22.20	22.20	22.17	23.5	1
15	QPSK	36	39	22.13	22.14	22.14		
15	QPSK	75	0	22.21	22.19	22.22		
15	16QAM	1	0	22.46	22.58	22.58		
15	16QAM	1	37	22.51	22.46	22.60	23.5	1
15	16QAM	1	74	22.32	22.41	22.28		
15	16QAM	36	0	21.33	21.29	21.20		
15	16QAM	36	20	21.11	21.14	21.05	22.5	2
15	16QAM	36	39	21.12	21.13	21.13		
15	16QAM	75	0	21.09	21.23	21.09		
15	64QAM	1	0	20.99	21.40	21.40		
15	64QAM	1	37	20.91	21.44	21.49	22.5	2
15	64QAM	1	74	21.04	21.31	21.08		
15	64QAM	36	0	20.11	20.15	20.23		
15	64QAM	36	20	20.12	20.21	20.20	21.5	3
15	64QAM	36	39	20.08	20.14	20.11		
15	64QAM	75	0	20.14	20.18	20.12		
15	256QAM	1	0	18.34	18.37	18.29		
15	256QAM	1	37	18.24	18.22	18.19	19.5	5
15	256QAM	1	74	18.27	18.26	18.08		
15	256QAM	36	0	18.18	18.25	18.17		
15	256QAM	36	20	18.14	18.12	18.33	19.5	5
15	256QAM	36	39	18.21	18.24	18.29		
15	256QAM	75	0	18.11	18.26	18.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.30	23.34	23.18		
10	QPSK	1	25	23.01	23.16	23.24	24.5	0
10	QPSK	1	49	23.14	23.12	23.05		
10	QPSK	25	0	22.26	22.24	22.25		
10	QPSK	25	12	22.27	22.26	22.21	23.5	1
10	QPSK	25	25	22.12	22.20	22.16		
10	QPSK	50	0	22.20	22.18	22.18		
10	16QAM	1	0	22.42	22.50	22.54		
10	16QAM	1	25	22.54	22.58	22.67	23.5	1
10	16QAM	1	49	22.32	22.51	22.26		
10	16QAM	25	0	21.35	21.22	21.11		
10	16QAM	25	12	21.27	21.28	21.15	22.5	2
10	16QAM	25	25	21.11	21.17	21.14		
10	16QAM	50	0	21.20	21.11	21.10		
10	64QAM	1	0	20.92	21.51	21.39		
10	64QAM	1	25	20.91	21.39	21.47	22.5	2
10	64QAM	1	49	21.33	21.08	21.23		
10	64QAM	25	0	20.18	20.16	20.15		
10	64QAM	25	12	20.13	20.22	20.21	21.5	3
10	64QAM	25	25	20.11	20.13	20.10		
10	64QAM	50	0	20.16	20.17	20.17		
10	256QAM	1	0	18.26	18.23	18.28		
10	256QAM	1	25	18.23	18.35	18.11	19.5	5
10	256QAM	1	49	18.16	18.25	18.14		
10	256QAM	25	0	18.16	18.19	18.22		
10	256QAM	25	12	18.19	18.14	18.22	19.5	5
10	256QAM	25	25	18.21	18.35	18.26		
10	256QAM	50	0	18.17	18.19	18.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.22	23.24	23.28		
5	QPSK	1	12	23.02	23.12	23.26	24.5	0
5	QPSK	1	24	23.15	23.17	23.14		
5	QPSK	12	0	22.32	22.26	22.28		
5	QPSK	12	7	22.20	22.18	22.19	23.5	1
5	QPSK	12	13	22.22	22.07	22.21		
5	QPSK	25	0	22.18	22.26	22.24		
5	16QAM	1	0	22.33	22.50	22.66		
5	16QAM	1	12	22.63	22.52	22.63	23.5	1
5	16QAM	1	24	22.27	22.46	22.35		
5	16QAM	12	0	21.24	21.26	21.08		
5	16QAM	12	7	21.17	21.24	21.17	22.5	2
5	16QAM	12	13	21.16	21.16	21.18		
5	16QAM	25	0	21.20	21.21	21.14		
5	64QAM	1	0	21.00	21.46	21.46		
5	64QAM	1	12	20.96	21.46	21.49	22.5	2
5	64QAM	1	24	21.37	21.07	21.12		
5	64QAM	12	0	20.16	20.16	20.21		
5	64QAM	12	7	20.21	20.15	20.29	21.5	3
5	64QAM	12	13	20.15	20.15	20.21		
5	64QAM	25	0	20.24	20.16	20.05		
5	256QAM	1	0	18.30	18.34	18.26		
5	256QAM	1	12	18.12	18.36	18.17	19.5	5
5	256QAM	1	24	18.13	18.26	18.14		
5	256QAM	12	0	18.29	18.30	18.28		
5	256QAM	12	7	18.13	18.14	18.24	19.5	5
5	256QAM	12	13	18.21	18.26	18.24		
5	256QAM	25	0	18.21	18.30	18.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.24	23.30	23.19		
3	QPSK	1	8	23.02	23.23	23.21	24.5	0
3	QPSK	1	14	23.06	23.10	23.10		
3	QPSK	8	0	22.26	22.24	22.19		
3	QPSK	8	4	22.29	22.12	22.22	23.5	1
3	QPSK	8	7	22.22	22.11	22.18		
3	QPSK	15	0	22.19	22.26	22.14		
3	16QAM	1	0	22.43	22.49	22.68		
3	16QAM	1	8	22.58	22.49	22.63	23.5	1
3	16QAM	1	14	22.24	22.44	22.38		
3	16QAM	8	0	21.27	21.30	21.14		
3	16QAM	8	4	21.17	21.15	21.15	22.5	2
3	16QAM	8	7	21.10	21.08	21.18		
3	16QAM	15	0	21.17	21.19	21.20		
3	64QAM	1	0	21.00	21.48	21.47		
3	64QAM	1	8	21.23	21.49	21.49	22.5	2
3	64QAM	1	14	21.39	21.20	21.18		
3	64QAM	8	0	20.21	20.29	20.11		
3	64QAM	8	4	20.11	20.14	20.09	21.5	3
3	64QAM	8	7	20.11	20.13	20.21		
3	64QAM	15	0	20.17	20.21	20.14		
3	256QAM	1	0	18.29	18.28	18.34		
3	256QAM	1	8	18.19	18.25	18.24	19.5	5
3	256QAM	1	14	18.16	18.26	18.16		
3	256QAM	8	0	18.18	18.25	18.15		
3	256QAM	8	4	18.17	18.19	18.19	19.5	5
3	256QAM	8	7	18.20	18.26	18.26		
3	256QAM	15	0	18.25	18.22	18.17		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.27	23.32	23.25		
1.4	QPSK	1	3	23.01	23.14	23.15		
1.4	QPSK	1	5	23.10	23.07	23.02	24.5	0
1.4	QPSK	3	0	23.30	23.23	23.24		
1.4	QPSK	3	1	23.10	23.12	23.25		
1.4	QPSK	3	3	23.04	23.16	23.02		
1.4	QPSK	6	0	22.20	22.22	22.22	23.5	1
1.4	16QAM	1	0	22.18	22.24	22.25		
1.4	16QAM	1	3	22.15	22.13	22.10		
1.4	16QAM	1	5	22.18	22.28	22.18	23.5	1
1.4	16QAM	3	0	22.34	22.45	22.66		
1.4	16QAM	3	1	22.63	22.49	22.59		
1.4	16QAM	3	3	22.24	22.46	22.31		
1.4	16QAM	6	0	21.22	21.26	21.20	22.5	2
1.4	64QAM	1	0	20.75	21.17	21.12		
1.4	64QAM	1	3	21.10	21.14	21.09		
1.4	64QAM	1	5	21.14	21.23	21.09	22.5	2
1.4	64QAM	3	0	20.97	21.49	21.45		
1.4	64QAM	3	1	21.04	21.02	21.37		
1.4	64QAM	3	3	21.34	21.08	21.17		
1.4	64QAM	6	0	20.19	20.27	20.21	21.5	3
1.4	256QAM	1	0	18.30	18.25	18.32		
1.4	256QAM	1	3	18.20	18.23	18.22		
1.4	256QAM	1	5	18.13	18.33	18.20	19.5	5
1.4	256QAM	3	0	18.23	18.30	18.27		
1.4	256QAM	3	1	18.13	18.17	18.21		
1.4	256QAM	3	3	18.16	18.25	18.33		
1.4	256QAM	6	0	18.16	18.23	18.14	19.5	5

Band 2_Ant 11

BW [MHz]	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	22.80	22.92	22.88		
20	QPSK	1	49	22.74	22.85	22.79	24.6	0
20	QPSK	1	99	22.78	22.89	22.87		
20	QPSK	50	0	21.70	21.82	21.78		
20	QPSK	50	24	21.62	21.74	21.73	23.6	1
20	QPSK	50	50	21.69	21.79	21.73		
20	QPSK	100	0	21.67	21.77	21.73		
20	16QAM	1	0	21.78	21.91	21.86		
20	16QAM	1	49	21.92	22.01	21.96	23.6	1

Band 4_Ant 31

BW [MHz]	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	23.67	23.73	23.71		
20	QPSK	1	49	23.57	23.65	23.69	24.9	0
20	QPSK	1	99	23.49	23.54	23.64		
20	QPSK	50	0	22.68	22.71	22.70		
20	QPSK	50	24	22.64	22.68	22.68	23.9	1
20	QPSK	50	50	22.56	22.64	22.67		
20	QPSK	100	0	22.64	22.68	22.65		
20	16QAM	1	0	22.74	23.22	22.78		
20	16QAM	1	49	23.07	23.20	23.16	23.9	1
20	16QAM	1	99	23.08	22.76	22.99		
20	16QAM	50	0	21.48	21.64	21.70		
20	16QAM	50	24	21.60	21.66	21.72	22.9	2
20	16QAM	50	50	21.58	21.61	21.64		
20	16QAM	100	0	21.52	21.65	21.59		
20	64QAM	1	0	21.61	21.96	21.78		
20	64QAM	1	49	21.60	22.00	21.55	22.9	2
20	64QAM	1	99	21.54	21.83	21.38		
20	64QAM	50	0	20.61	20.70	20.67		
20	64QAM	50	24	20.62	20.68	20.66	21.9	3
20	64QAM	50	50	20.58	20.61	20.60		
20	64QAM	100	0	20.57	20.61	20.64		
20	256QAM	1	0	18.75	18.76	18.73		
20	256QAM	1	49	18.66	18.61	18.67	19.9	5
20	256QAM	1	99	18.66	18.73	18.72		
20	256QAM	50	0	21.54	18.68	18.59		
20	256QAM	50	24	18.67	18.66	18.67	19.9	5
20	256QAM	50	50	18.70	18.75	18.64		
20	256QAM	100	0	18.69	18.73	18.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.64	23.67	23.60		
15	QPSK	1	37	23.54	23.64	23.55	24.9	0
15	QPSK	1	74	23.48	23.49	23.57		
15	QPSK	36	0	22.61	22.60	22.63		
15	QPSK	36	20	22.62	22.63	22.64	23.9	1
15	QPSK	36	39	22.42	22.49	22.59		
15	QPSK	75	0	22.56	22.65	22.51		
15	16QAM	1	0	22.92	23.11	22.94		
15	16QAM	1	37	22.94	23.19	23.07	23.9	1
15	16QAM	1	74	23.07	22.69	22.91		
15	16QAM	36	0	21.44	21.57	21.60		
15	16QAM	36	20	21.51	21.55	21.59	22.9	2
15	16QAM	36	39	21.56	21.56	21.51		
15	16QAM	75	0	21.37	21.61	21.51		
15	64QAM	1	0	21.58	21.91	21.72		
15	64QAM	1	37	21.50	21.85	21.52	22.9	2
15	64QAM	1	74	21.78	21.35	21.56		
15	64QAM	36	0	20.58	20.64	20.61		
15	64QAM	36	20	20.54	20.56	20.53	21.9	3
15	64QAM	36	39	20.52	20.47	20.46		
15	64QAM	75	0	20.53	20.61	20.61		
15	256QAM	1	0	18.63	18.69	18.64		
15	256QAM	1	37	18.51	18.54	18.58	19.9	5
15	256QAM	1	74	18.56	18.63	18.68		
15	256QAM	36	0	18.53	18.55	18.58		
15	256QAM	36	20	18.63	18.51	18.56	19.9	5
15	256QAM	36	39	18.57	18.65	18.54		
15	256QAM	75	0	18.55	18.69	18.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.53	23.58	23.56		
10	QPSK	1	25	23.51	23.51	23.66	24.9	0
10	QPSK	1	49	23.34	23.46	23.54		
10	QPSK	25	0	22.64	22.57	22.64		
10	QPSK	25	12	22.49	22.64	22.66	23.9	1
10	QPSK	25	25	22.54	22.61	22.64		
10	QPSK	50	0	22.60	22.59	22.52		
10	16QAM	1	0	22.61	23.08	22.71		
10	16QAM	1	25	22.99	23.05	23.10	23.9	1
10	16QAM	1	49	23.07	22.69	22.92		
10	16QAM	25	0	21.40	21.59	21.67		
10	16QAM	25	12	21.54	21.54	21.63	22.9	2
10	16QAM	25	25	21.48	21.64	21.58		
10	16QAM	50	0	21.42	21.58	21.53		
10	64QAM	1	0	21.54	21.95	21.73		
10	64QAM	1	25	21.46	21.89	21.43	22.9	2
10	64QAM	1	49	21.44	21.82	21.23		
10	64QAM	25	0	20.56	20.55	20.52		
10	64QAM	25	12	20.51	20.62	20.56	21.9	3
10	64QAM	25	25	20.45	20.53	20.54		
10	64QAM	50	0	20.48	20.52	20.58		
10	256QAM	1	0	18.72	18.65	18.58		
10	256QAM	1	25	18.56	18.49	18.58	19.9	5
10	256QAM	1	49	18.55	18.69	18.64		
10	256QAM	25	0	18.59	18.61	18.57		
10	256QAM	25	12	18.57	18.65	18.64	19.9	5
10	256QAM	25	25	18.60	18.71	18.49		
10	256QAM	50	0	18.60	18.67	18.58		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.62	23.64	23.70		
5	QPSK	1	12	23.51	23.54	23.61	24.9	0
5	QPSK	1	24	23.40	23.46	23.54		
5	QPSK	12	0	22.64	22.66	22.69		
5	QPSK	12	7	22.62	22.58	22.62	23.9	1
5	QPSK	12	13	22.53	22.54	22.63		
5	QPSK	25	0	22.55	22.66	22.60		
5	16QAM	1	0	22.72	23.10	22.69		
5	16QAM	1	12	23.05	23.12	23.01	23.9	1
5	16QAM	1	24	23.02	22.68	22.86		
5	16QAM	12	0	21.41	21.60	21.57		
5	16QAM	12	7	21.58	21.65	21.67	22.9	2
5	16QAM	12	13	21.54	21.55	21.61		
5	16QAM	25	0	21.39	21.51	21.49		
5	64QAM	1	0	21.56	21.87	21.65		
5	64QAM	1	12	21.48	21.90	21.43	22.9	2
5	64QAM	1	24	21.39	21.70	21.28		
5	64QAM	12	0	20.54	20.68	20.65		
5	64QAM	12	7	20.52	20.60	20.54		
5	64QAM	12	13	20.52	20.59	20.45	21.9	3
5	64QAM	25	0	20.42	20.58	20.51		
5	256QAM	1	0	18.66	18.65	18.68		
5	256QAM	1	12	18.51	18.52	18.58	19.9	5
5	256QAM	1	24	18.62	18.72	18.57		
5	256QAM	12	0	18.63	18.54	18.54		
5	256QAM	12	7	18.64	18.65	18.55	19.9	5
5	256QAM	12	13	18.57	18.67	18.57		
5	256QAM	25	0	18.57	18.68	18.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.63	23.60	23.62		
3	QPSK	1	8	23.45	23.59	23.54	24.9	0
3	QPSK	1	14	23.36	23.45	23.49		
3	QPSK	8	0	22.67	22.66	22.66		
3	QPSK	8	4	22.52	22.58	22.60	23.9	1
3	QPSK	8	7	22.50	22.59	22.61		
3	QPSK	15	0	22.59	22.58	22.53		
3	16QAM	1	0	22.66	23.12	22.67		
3	16QAM	1	8	22.99	23.19	23.03	23.9	1
3	16QAM	1	14	22.99	22.67	22.86		
3	16QAM	8	0	21.36	21.55	21.64		
3	16QAM	8	4	21.55	21.63	21.58	22.9	2
3	16QAM	8	7	21.50	21.51	21.54		
3	16QAM	15	0	21.44	21.60	21.49		
3	64QAM	1	0	21.47	21.88	21.66		
3	64QAM	1	8	21.59	21.93	21.45	22.9	2
3	64QAM	1	14	21.40	21.81	21.29		
3	64QAM	8	0	20.49	20.56	20.55		
3	64QAM	8	4	20.49	20.65	20.62	21.9	3
3	64QAM	8	7	20.47	20.51	20.45		
3	64QAM	15	0	20.53	20.60	20.54		
3	256QAM	1	0	18.61	18.66	18.60		
3	256QAM	1	8	18.61	18.49	18.54	19.9	5
3	256QAM	1	14	18.60	18.60	18.67		
3	256QAM	8	0	18.59	18.58	18.58		
3	256QAM	8	4	18.66	18.57	18.54	19.9	5
3	256QAM	8	7	18.67	18.70	18.53		
3	256QAM	15	0	18.61	18.64	18.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.62	23.72	23.56		
1.4	QPSK	1	3	23.46	23.52	23.62		
1.4	QPSK	1	5	23.43	23.39	23.58	24.9	0
1.4	QPSK	3	0	23.57	23.68	23.60		
1.4	QPSK	3	1	23.48	23.61	23.56		
1.4	QPSK	3	3	23.41	23.49	23.49		
1.4	QPSK	6	0	22.57	22.70	22.56	23.9	1
1.4	16QAM	1	0	22.50	22.58	22.58		
1.4	16QAM	1	3	22.55	22.58	22.64		
1.4	16QAM	1	5	22.56	22.57	22.61	23.9	1
1.4	16QAM	3	0	22.73	23.18	22.73		
1.4	16QAM	3	1	23.01	23.08	23.14		
1.4	16QAM	3	3	23.06	22.71	22.86		
1.4	16QAM	6	0	21.36	21.54	21.63	22.9	2
1.4	64QAM	1	0	21.57	21.92	21.65		
1.4	64QAM	1	3	21.48	21.54	21.57		
1.4	64QAM	1	5	21.38	21.64	21.57	22.9	2
1.4	64QAM	3	0	21.55	21.90	21.76		
1.4	64QAM	3	1	21.48	21.91	21.54		
1.4	64QAM	3	3	21.41	21.68	21.35		
1.4	64QAM	6	0	20.59	20.65	20.65	21.9	3
1.4	256QAM	1	0	18.61	18.70	18.71		
1.4	256QAM	1	3	18.59	18.56	18.54		
1.4	256QAM	1	5	18.64	18.64	18.65	19.9	5
1.4	256QAM	3	0	18.53	18.59	18.57		
1.4	256QAM	3	1	18.57	18.52	18.64		
1.4	256QAM	3	3	18.68	18.63	18.49		
1.4	256QAM	6	0	18.57	18.63	18.66	19.9	5

Band 4_Ant 11

BW [MHz]	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	23.73	23.76	23.75		
20	QPSK	1	49	23.61	23.71	23.68	24.9	0
20	QPSK	1	99	23.55	23.55	23.48		
20	QPSK	50	0	22.71	22.77	22.75		
20	QPSK	50	24	22.67	22.75	22.73	23.9	1
20	QPSK	50	50	22.63	22.66	22.65		
20	QPSK	100	0	22.68	22.75	22.73		
20	16QAM	1	0	22.84	23.02	23.00		
20	16QAM	1	49	22.88	22.99	22.98	23.9	1
20	16QAM	1	99	22.81	22.81	22.74		
20	16QAM	50	0	21.57	21.78	21.73		
20	16QAM	50	24	21.66	21.75	21.71	22.9	2
20	16QAM	50	50	21.63	21.64	21.63		
20	16QAM	100	0	21.57	21.69	21.67		
20	64QAM	1	0	21.75	21.89	21.94		
20	64QAM	1	49	21.85	21.96	21.88	22.9	2
20	64QAM	1	99	21.71	21.72	21.69		
20	64QAM	50	0	20.58	20.77	20.74		
20	64QAM	50	24	20.66	20.74	20.72	21.9	3
20	64QAM	50	50	20.63	20.66	20.62		
20	64QAM	100	0	20.59	20.68	20.67		
20	256QAM	1	0	18.81	18.83	18.80		
20	256QAM	1	49	18.74	18.80	18.75	19.9	5
20	256QAM	1	99	18.77	18.76	18.65		
20	256QAM	50	0	18.75	18.78	18.78		
20	256QAM	50	24	18.80	18.79	18.73	19.9	5
20	256QAM	50	50	18.72	18.81	18.72		
20	256QAM	100	0	18.74	18.77	18.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.62	23.72	23.67		
15	QPSK	1	37	23.46	23.60	23.56	24.9	0
15	QPSK	1	74	23.45	23.48	23.33		
15	QPSK	36	0	22.72	22.72	22.68		
15	QPSK	36	20	22.53	22.63	22.70	23.9	1
15	QPSK	36	39	22.50	22.54	22.51		
15	QPSK	75	0	22.66	22.65	22.72		
15	16QAM	1	0	22.70	22.97	22.87		
15	16QAM	1	37	22.78	22.95	22.86	23.9	1
15	16QAM	1	74	22.79	22.79	22.59		
15	16QAM	36	0	21.47	21.63	21.72		
15	16QAM	36	20	21.63	21.70	21.57	22.9	2
15	16QAM	36	39	21.62	21.57	21.50		
15	16QAM	75	0	21.46	21.57	21.55		
15	64QAM	1	0	21.65	21.83	21.91		
15	64QAM	1	37	21.75	21.91	21.79	22.9	2
15	64QAM	1	74	21.84	21.63	21.86		
15	64QAM	36	0	20.53	20.67	20.64		
15	64QAM	36	20	20.62	20.65	20.57	21.9	3
15	64QAM	36	39	20.59	20.61	20.49		
15	64QAM	75	0	20.51	20.62	20.66		
15	256QAM	1	0	18.67	18.76	18.74		
15	256QAM	1	37	18.71	18.79	18.63	19.9	5
15	256QAM	1	74	18.73	18.63	18.54		
15	256QAM	36	0	18.71	18.74	18.64		
15	256QAM	36	20	18.75	18.74	18.70	19.9	5
15	256QAM	36	39	18.71	18.68	18.68		
15	256QAM	75	0	18.68	18.66	18.59		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.62	23.68	23.60		
10	QPSK	1	25	23.46	23.58	23.62	24.9	0
10	QPSK	1	49	23.46	23.53	23.42		
10	QPSK	25	0	22.72	22.62	22.64		
10	QPSK	25	12	22.63	22.62	22.64	23.9	1
10	QPSK	25	25	22.52	22.59	22.53		
10	QPSK	50	0	22.60	22.73	22.64		
10	16QAM	1	0	22.72	22.93	22.86		
10	16QAM	1	25	22.74	22.96	22.97	23.9	1
10	16QAM	1	49	22.68	22.79	22.68		
10	16QAM	25	0	21.43	21.75	21.68		
10	16QAM	25	12	21.70	21.71	21.70	22.9	2
10	16QAM	25	25	21.53	21.54	21.62		
10	16QAM	50	0	21.43	21.65	21.62		
10	64QAM	1	0	21.74	21.76	21.85		
10	64QAM	1	25	21.72	21.84	21.73	22.9	2
10	64QAM	1	49	21.66	21.63	21.62		
10	64QAM	25	0	20.52	20.67	20.66		
10	64QAM	25	12	20.56	20.62	20.71	21.9	3
10	64QAM	25	25	20.62	20.63	20.50		
10	64QAM	50	0	20.53	20.54	20.62		
10	256QAM	1	0	18.69	18.71	18.66		
10	256QAM	1	25	18.66	18.69	18.61	19.9	5
10	256QAM	1	49	18.66	18.72	18.54		
10	256QAM	25	0	18.72	18.71	18.74		
10	256QAM	25	12	18.74	18.78	18.65	19.9	5
10	256QAM	25	25	18.66	18.72	18.63		
10	256QAM	50	0	18.68	18.75	18.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.61	23.70	23.67		
5	QPSK	1	12	23.49	23.57	23.57	24.9	0
5	QPSK	1	24	23.51	23.42	23.41		
5	QPSK	12	0	22.68	22.70	22.74		
5	QPSK	12	7	22.52	22.70	22.62	23.9	1
5	QPSK	12	13	22.51	22.53	22.51		
5	QPSK	25	0	22.66	22.74	22.66		
5	16QAM	1	0	22.82	22.90	22.95		
5	16QAM	1	12	22.87	22.97	22.87	23.9	1
5	16QAM	1	24	22.69	22.66	22.61		
5	16QAM	12	0	21.51	21.64	21.60		
5	16QAM	12	7	21.62	21.74	21.69	22.9	2
5	16QAM	12	13	21.58	21.50	21.55		
5	16QAM	25	0	21.50	21.67	21.52		
5	64QAM	1	0	21.62	21.85	21.93		
5	64QAM	1	12	21.58	21.87	21.67	22.9	2
5	64QAM	1	24	21.69	21.70	21.58		
5	64QAM	12	0	20.50	20.69	20.62		
5	64QAM	12	7	20.56	20.63	20.63	21.9	3
5	64QAM	12	13	20.48	20.57	20.55		
5	64QAM	25	0	20.44	20.62	20.56		
5	256QAM	1	0	18.75	18.74	18.74		
5	256QAM	1	12	18.68	18.65	18.60	19.9	5
5	256QAM	1	24	18.68	18.70	18.60		
5	256QAM	12	0	18.65	18.63	18.65		
5	256QAM	12	7	18.71	18.66	18.66	19.9	5
5	256QAM	12	13	18.60	18.76	18.64		
5	256QAM	25	0	18.67	18.76	18.57		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.72	23.66	23.63		
3	QPSK	1	8	23.56	23.57	23.67	24.9	0
3	QPSK	1	14	23.50	23.43	23.41		
3	QPSK	8	0	22.67	22.74	22.61		
3	QPSK	8	4	22.60	22.68	22.65	23.9	1
3	QPSK	8	7	22.55	22.63	22.55		
3	QPSK	15	0	22.54	22.64	22.71		
3	16QAM	1	0	22.71	23.01	22.86		
3	16QAM	1	8	22.83	22.89	22.97	23.9	1
3	16QAM	1	14	22.80	22.73	22.64		
3	16QAM	8	0	21.51	21.65	21.72		
3	16QAM	8	4	21.65	21.69	21.64	22.9	2
3	16QAM	8	7	21.56	21.56	21.48		
3	16QAM	15	0	21.48	21.67	21.56		
3	64QAM	1	0	21.73	21.76	21.91		
3	64QAM	1	8	21.84	21.86	21.85	22.9	2
3	64QAM	1	14	21.62	21.61	21.63		
3	64QAM	8	0	20.48	20.69	20.68		
3	64QAM	8	4	20.51	20.72	20.64	21.9	3
3	64QAM	8	7	20.54	20.64	20.58		
3	64QAM	15	0	20.48	20.61	20.58		
3	256QAM	1	0	18.79	18.80	18.76		
3	256QAM	1	8	18.60	18.69	18.72	19.9	5
3	256QAM	1	14	18.70	18.72	18.53		
3	256QAM	8	0	18.73	18.75	18.74		
3	256QAM	8	4	18.79	18.78	18.60	19.9	5
3	256QAM	8	7	18.67	18.75	18.61		
3	256QAM	15	0	18.60	18.74	18.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.65	23.70	23.68		
1.4	QPSK	1	3	23.59	23.63	23.55		
1.4	QPSK	1	5	23.43	23.40	23.34	24.9	0
1.4	QPSK	3	0	23.64	23.73	23.71		
1.4	QPSK	3	1	23.59	23.56	23.59		
1.4	QPSK	3	3	23.52	23.46	23.33		
1.4	QPSK	6	0	22.57	22.73	22.71	23.9	1
1.4	16QAM	1	0	22.54	22.60	22.68		
1.4	16QAM	1	3	22.60	22.53	22.51		
1.4	16QAM	1	5	22.56	22.73	22.67	23.9	1
1.4	16QAM	3	0	22.78	22.90	22.87		
1.4	16QAM	3	1	22.80	22.89	22.90		
1.4	16QAM	3	3	22.69	22.77	22.63		
1.4	16QAM	6	0	21.53	21.65	21.59	22.9	2
1.4	64QAM	1	0	21.53	21.64	21.58		
1.4	64QAM	1	3	21.49	21.49	21.52		
1.4	64QAM	1	5	21.44	21.57	21.62	22.9	2
1.4	64QAM	3	0	21.60	21.88	21.92		
1.4	64QAM	3	1	21.78	21.95	21.77		
1.4	64QAM	3	3	21.60	21.57	21.56		
1.4	64QAM	6	0	20.44	20.76	20.68	21.9	3
1.4	256QAM	1	0	18.75	18.81	18.78		
1.4	256QAM	1	3	18.71	18.68	18.70		
1.4	256QAM	1	5	18.67	18.71	18.63	19.9	5
1.4	256QAM	3	0	18.62	18.74	18.69		
1.4	256QAM	3	1	18.65	18.70	18.67		
1.4	256QAM	3	3	18.60	18.73	18.70		
1.4	256QAM	6	0	18.68	18.75	18.58	19.9	5

Band 5_Ant 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.86	23.84		
10	QPSK	1	25	23.77	23.79	23.73	25	0
10	QPSK	1	49	23.81	23.73	23.81		
10	QPSK	25	0	22.83	22.85	22.84		
10	QPSK	25	12	22.80	22.80	22.74	24	1
10	QPSK	25	25	22.75	22.79	22.75		
10	QPSK	50	0	22.80	22.83	22.81		
10	16QAM	1	0	22.96	23.03	23.00		
10	16QAM	1	25	22.97

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.20	23.27	23.23	24.2	0
20	QPSK	1	49	22.99	23.26	23.21		
20	QPSK	1	99	23.03	23.24	23.20		
20	QPSK	50	0	22.18	22.25	22.23	23.2	1
20	QPSK	50	24	22.03	22.23	22.22		
20	QPSK	50	50	22.06	22.20	22.21		
20	QPSK	100	0	22.01	22.22	22.20		
20	16QAM	1	0	22.14	22.37	22.30	23.2	1
20	16QAM	1	49	22.25	22.53	22.44		
20	16QAM	1	99	22.28	22.49	22.42		
20	16QAM	50	0	21.00	21.19	21.15	22.2	2
20	16QAM	50	24	21.05	21.23	21.22		
20	16QAM	50	50	21.07	21.25	21.25		
20	16QAM	100	0	21.01	21.20	21.18		
20	64QAM	1	0	21.02	21.28	21.17	22.2	2
20	64QAM	1	49	21.14	21.35	21.30		
20	64QAM	1	99	21.26	21.43	21.30		
20	64QAM	50	0	20.00	20.18	20.13	21.2	3
20	64QAM	50	24	20.04	20.25	20.20		
20	64QAM	50	50	20.06	20.25	20.21		
20	64QAM	100	0	20.01	20.19	20.16		
20	256QAM	1	0	18.26	18.28	18.25	19.2	5
20	256QAM	1	49	18.16	18.16	18.21		
20	256QAM	1	99	18.22	18.13	18.11		
20	256QAM	50	0	18.21	18.18	18.17	19.2	5
20	256QAM	50	24	18.16	18.15	18.10		
20	256QAM	50	50	18.25	18.19	18.12		
20	256QAM	100	0	18.20	18.27	18.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.15	23.20	23.10	24.2	0
15	QPSK	1	37	22.94	23.15	23.10		
15	QPSK	1	74	23.01	23.21	23.08		
15	QPSK	36	0	22.17	22.20	22.20	23.2	1
15	QPSK	36	20	21.89	22.18	22.21		
15	QPSK	36	39	22.03	22.10	22.12		
15	QPSK	75	0	21.99	22.10	22.07		
15	16QAM	1	0	22.12	22.23	22.20	23.2	1
15	16QAM	1	37	22.21	22.45	22.34		
15	16QAM	1	74	22.22	22.43	22.41		
15	16QAM	36	0	20.92	21.08	21.12	22.2	2
15	16QAM	36	20	20.90	21.18	21.09		
15	16QAM	36	39	20.97	21.19	21.16		
15	16QAM	75	0	20.94	21.05	21.16		
15	64QAM	1	0	20.91	21.19	21.16	22.2	2
15	64QAM	1	37	21.10	21.29	21.29		
15	64QAM	1	74	21.14	21.42	21.25		
15	64QAM	36	0	19.89	20.15	20.06	21.2	3
15	64QAM	36	20	20.03	20.13	20.07		
15	64QAM	36	39	19.91	20.12	20.17		
15	64QAM	75	0	19.91	20.15	20.11		
15	256QAM	1	0	18.22	18.13	18.23	19.2	5
15	256QAM	1	37	18.05	18.04	18.13		
15	256QAM	1	74	18.21	18.12	17.99		
15	256QAM	36	0	18.10	18.08	18.10	19.2	5
15	256QAM	36	20	18.10	18.07	17.96		
15	256QAM	36	39	18.17	18.12	18.02		
15	256QAM	75	0	18.16	18.16	18.18		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.08	23.12	23.16	24.2	0
10	QPSK	1	25	22.89	23.13	23.08		
10	QPSK	1	49	22.88	23.13	23.12		
10	QPSK	25	0	22.14	22.16	22.08	23.2	1
10	QPSK	25	12	22.01	22.10	22.18		
10	QPSK	25	25	22.01	22.13	22.17		
10	QPSK	50	0	21.95	22.16	22.17		
10	16QAM	1	0	22.05	22.34	22.26	23.2	1
10	16QAM	1	25	22.19	22.42	22.35		
10	16QAM	1	49	22.25	22.44	22.30		
10	16QAM	25	0	20.86	21.04	21.14	22.2	2
10	16QAM	25	12	20.94	21.09	21.07		
10	16QAM	25	25	20.94	21.15	21.21		
10	16QAM	50	0	20.97	21.09	21.12		
10	64QAM	1	0	20.93	21.26	21.08	22.2	2
10	64QAM	1	25	21.04	21.34	21.15		
10	64QAM	1	49	21.12	21.32	21.16		
10	64QAM	25	0	19.86	20.11	20.11	21.2	3
10	64QAM	25	12	20.00	20.15	20.06		
10	64QAM	25	25	19.95	20.19	20.06		
10	64QAM	50	0	19.93	20.08	20.12		
10	256QAM	1	0	18.14	18.13	18.12	19.2	5
10	256QAM	1	25	18.14	18.12	18.06		
10	256QAM	1	49	18.13	18.03	17.99		
10	256QAM	25	0	18.12	18.09	18.14	19.2	5
10	256QAM	25	12	18.04	18.06	17.96		
10	256QAM	25	25	18.23	18.06	18.08		
10	256QAM	50	0	18.13	18.18	18.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.11	23.17	23.17	24.2	0
5	QPSK	1	12	22.97	23.15	23.18		
5	QPSK	1	24	22.94	23.23	23.15		
5	QPSK	12	0	22.11	22.15	22.17	23.2	1
5	QPSK	12	7	21.89	22.16	22.09		
5	QPSK	12	13	22.00	22.17	22.11		
5	QPSK	25	0	21.95	22.13	22.17		
5	16QAM	1	0	22.12	22.35	22.17	23.2	1
5	16QAM	1	12	22.16	22.51	22.33		
5	16QAM	1	24	22.21	22.34	22.40		
5	16QAM	12	0	20.86	21.11	21.14	22.2	2
5	16QAM	12	7	20.98	21.22	21.10		
5	16QAM	12	13	20.99	21.23	21.10		
5	16QAM	25	0	21.00	21.18	21.15		
5	64QAM	1	0	21.00	21.23	21.05	22.2	2
5	64QAM	1	12	20.99	21.20	21.26		
5	64QAM	1	24	21.22	21.32	21.28		
5	64QAM	12	0	19.87	20.17	20.04	21.2	3
5	64QAM	12	7	19.90	20.23	20.10		
5	64QAM	12	13	20.05	20.19	20.10		
5	64QAM	25	0	19.89	20.10	20.14		
5	256QAM	1	0	18.14	18.16	18.18	19.2	5
5	256QAM	1	12	18.04	18.04	18.20		
5	256QAM	1	24	18.12	18.00	17.97		
5	256QAM	12	0	18.18	18.15	18.04	19.2	5
5	256QAM	12	7	18.08	18.07	18.00		
5	256QAM	12	13	18.15	18.08	18.05		
5	256QAM	25	0	18.12	18.26	18.10		

Band 7_Ant 31

BW [MHz]	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	23.28	23.40	23.32	24.4	0
20	QPSK	1	49	23.24	23.31	23.20		
20	QPSK	1	99	23.23	23.37	23.28		
20	QPSK	50	0	22.26	22.40	22.35	23.4	1
20	QPSK	50	24	22.26	22.33	22.25		
20	QPSK	50	50	22.23	22.35	22.28		
20	QPSK	100	0	22.23	22.38	22.33		
20	16QAM	1	0	22.55	22.17	22.03	23.4	1
20	16QAM	1	49	22.68	22.78	22.15		
20	16QAM	1	99	22.60	22.46	22.38		
20	16QAM	50	0	21.17	21.32	21.20	22.4	2
20	16QAM	50	24	21.19	21.37	21.20		
20	16QAM	50	50	21.26	21.35	21.29		
20	16QAM	100	0	21.16	21.29	21.21		
20	64QAM	1	0	21.28	21.27	21.35	22.4	2
20	64QAM	1	49	21.11	21.44	21.24		
20	64QAM	1	99	21.24	21.39	21.24		
20	64QAM	50	0	20.21	20.30	20.11	21.4	3
20	64QAM	50	24	20.20	20.33	20.31		
20	64QAM	50	50	20.22	20.30	20.24		
20	64QAM	100	0	20.11	20.23	20.22		
20	256QAM	1	0	18.35	18.38	18.33	19.4	5
20	256QAM	1	49	18.24	18.34	18.19		
20	256QAM	1	99	18.31	18.28	18.18		
20	256QAM	50	0	18.23	18.36	18.30	19.4	5
20	256QAM	50	24	18.26	18.28	18.19		
20	256QAM	50	50	18.34	18.25	18.20		
20	256QAM	100	0	18.27	18.29	18.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.23	23.28	23.19	24.4	0
15	QPSK	1	37	23.19	23.22	23.06		
15	QPSK	1	74	23.11	23.34	23.16		
15	QPSK	36	0	22.11	22.36	22.22	23.4	1
15	QPSK	36	20	22.15	22.21	22.16		
15	QPSK	36	39	22.10	22.20	22.19		
15	QPSK	75	0	22.16	22.27	22.18		
15	16QAM	1	0	22.46	22.16	21.92	23.4	1
15	16QAM	1	37	22.58	22.75	22.12		
15	16QAM	1	74	22.59	22.39	22.34		
15	16QAM	36	0	21.12	21.25	21.12	22.4	2
15	16QAM	36	20	21.12	21.27	21.09		
15	16QAM	36	39	21.24	21.26	21.23		
15	16QAM	75	0	21.05	21.18	21.18		
15	64QAM	1	0	21.16	21.19	21.29	22.4	2
15	64QAM	1	37	21.09	21.40	21.16		
15	64QAM	1	74	21.09	21.17	21.19		
15	64QAM	36	0	20.14	20.15	20.03	21.4	3
15	64QAM	36	20	20.09	20.31	20.30		
15	64QAM	36	39	20.13	20.23	20.13		
15	64QAM	75	0	20.00	20.10	20.12		
15	256QAM	1	0	18.28	18.37	18.28	19.4	5
15	256QAM	1	37	18.10	18.29	18.14		
15	256QAM	1	74	18.24	18.16	18.03		
15	256QAM	36	0	18.20	18.32	18.18	19.4	5
15	256QAM	36	20	18.23	18.24	18.11		
15	256QAM	36	39	18.21	18.24	18.10		
15	256QAM	75	0	18.20	18.19	18.10		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.24	23.28	23.29	24.4	0
10	QPSK	1	25	23.22	23.20	23.18		
10	QPSK	1	49	23.16	23.34	23.20		
10	QPSK	25	0	22.21	22.37	22.21	23.4	1
10	QPSK	25	12	22.06	22.21	22.18		
10	QPSK	25	25	22.14	22.34	22.27		
10	QPSK	50	0	22.18	22.31	22.24		
10	16QAM	1	0	22.40	22.03	22.00	23.4	1
10	16QAM	1	25	22.67	22.74	22.02		
10	16QAM	1	49	22.46	22.41	22.30		
10	16QAM	25	0	21.08	21.20	21.09	22.4	2
10	16QAM	25	12	21.07	21.23	21.19		
10	16QAM	25	25	21.22	21.31	21.24		
10	16QAM	50	0	21.04	21.19	21.09		
10	64QAM	1	0	21.14	21.18	21.29	22.4	2
10	64QAM	1	25	21.00	21.34	21.12		
10	64QAM	1	49	21.20	21.23	21.20		
10	64QAM	25	0	20.18	20.17	20.03	21.4	3
10	64QAM	25	12	20.09	20.29	20.21		
10	64QAM	25	25	20.13	20.26	20.22		
10	64QAM	50	0	20.02	20.20	20.15		
10	256QAM	1	0	18.27	18.37	18.25	19.4	5
10	256QAM	1	25	18.10	18.29	18.04		
10	256QAM	1	49	18.17	18.27	18.08		
10	256QAM	25	0	18.15	18.26	18.26	19.4	5
10	256QAM	25	12	18.24	18.17	18.06		
10	256QAM	25	25	18.25	18.15	18.13		
10	256QAM	50	0	18.12	18.17	18.17		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.21	23.25	23.20	24.4	0
5	QPSK	1	12	23.19	23.24	23.15		
5	QPSK	1	24	23.17	23.35	23.27		
5	QPSK	12	0	22.17	22.21	22.29	23.4	1
5	QPSK	12	7	22.13	22.24	22.11		
5	QPSK	12	13	22.09	22.32	22.27		
5	QPSK	25	0	22.10	22.36	22.25		
5	16QAM	1	0	22.52	22.09	22.01	23.4	1
5	16QAM	1	12	22.67	22.75	22.10		
5	16QAM	1	24	22.47	22.40	22.34		
5	16QAM	12	0	21.16	21.21	21.12	22.4	2
5	16QAM	12	7	21.10	21.28	21.14		
5	16QAM	12	13	21.24	21.32	21.15		
5	16QAM	25	0	21.12	21.20	21.11		
5	64QAM	1	0	21.13	21.16	21.22	22.4	2
5	64QAM	1	12	20.97	21.42	21.18		
5	64QAM	1	24	21.13	21.15	21.18		
5	64QAM	12	0	20.08	20.25	20.09	21.4	3
5	64QAM	12	7	20.14	20.19	20.17		
5	64QAM	12	13	20.07	20.15	20.10		
5	64QAM	25	0	20.10	20.14	20.07		
5	256QAM	1	0	18.20	18.33	18.22	19.4	5
5	256QAM	1	12	18.22	18.26	18.12		
5	256QAM	1	24	18.16	18.24	18.08		
5	256QAM	12	0	18.16	18.29	18.21	19.4	5
5	256QAM	12	7	18.12	18.21	18.09		
5	256QAM	12	13	18.24	18.20	18.15		
5	256QAM	25	0	18.22	18.23	18.12		

Band 7_Ant 11

BW [MHz]	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	23.19	23.35	23.26	24.4	0
20	QPSK	1	49	23.01	23.30	23.16		
20	QPSK	1	99	23.09	23.24	23.16		
20	QPSK	50	0	22.14	22.34	22.24	23.4	1
20	QPSK	50	24	22.04	22.27	22.18		
20	QPSK	50	50	22.08	22.28	22.19		
20	QPSK	100	0	22.09	22.30	22.15		
20	16QAM	1	0	22.10	22.41	22.33	23.4	1
20	16QAM	1	49	22.29	22.55	22.32		
20	16QAM	1	99	22.37	22.51	22.33		
20	16QAM	50	0	20.97	21.23	21.14	22.4	2
20	16QAM	50	24	21.04	21.28	21.17		
20	16QAM	50	50	21.08	21.27	21.20		
20	16QAM	100	0	21.02	21.24	21.14		
20	64QAM	1	0	20.96	21.26	21.17	22.4	2
20	64QAM	1	49	21.15	21.43	21.33		
20	64QAM	1	99	21.23	21.36	21.32		
20	64QAM	50	0	19.99	20.25	20.13	21.4	3
20	64QAM	50	24	20.05	20.27	20.18		
20	64QAM	50	50	20.09	20.28	20.20		
20	64QAM	100	0	20.04	20.25	20.14		
20	256QAM	1	0	18.35	18.36	18.33	19.4	5
20	256QAM	1	49	18.34	18.34	18.19		
20	256QAM	1	99	18.30	18.31	18.20		
20	256QAM	50	0	18.33	18.29	18.31	19.4	5
20	256QAM	50	24	18.24	18.26	18.19		
20	256QAM	50	50	18.29	18.31	18.28		
20	256QAM	100	0	18.24	18.25	18.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.11	23.26	23.13	24.4	0
15	QPSK	1	37	22.98	23.25	23.10		
15	QPSK	1	74	22.94	23.18	23.12		
15	QPSK	36	0	22.01	22.33	22.12	23.4	1
15	QPSK	36	20	22.01	22.16	22.15		
15	QPSK	36	39	22.01	22.20	22.13		
15	QPSK	75	0	22.00	22.22	22.04		
15	16QAM	1	0	22.00	22.31	22.25	23.4	1
15	16QAM	1	37	22.27	22.53	22.23		
15	16QAM	1	74	22.30	22.43	22.21		
15	16QAM	36	0	20.91	21.17	21.02	22.4	2
15	16QAM	36	20	20.95	21.24	21.12		
15	16QAM	36	39	20.98	21.24	21.13		
15	16QAM	75	0	20.88	21.12	21.12		
15	64QAM	1	0	20.83	21.22	21.04	22.4	2
15	64QAM	1	37	21.10	21.36	21.32		
15	64QAM	1	74	21.11	21.33	21.27		
15	64QAM	36	0	19.88	20.15	20.09	21.4	3
15	64QAM	36	20	20.04	20.23	20.10		
15	64QAM	36	39	20.07	20.22	20.05		
15	64QAM	75	0	19.91	20.22	20.10		
15	256QAM	1	0	18.31	18.35	18.24	19.4	5
15	256QAM	1	37	18.32	18.23	18.05		
15	256QAM	1	74	18.26	18.24	18.10		
15	256QAM	36	0	18.21	18.17	18.24	19.4	5
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.19	18.25	18.27		
15	256QAM	75	0	18.21	18.13	18.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.11	23.29	23.22	24.4	0
10	QPSK	1	25	22.87	23.21	23.03		
10	QPSK	1	49	23.01	23.13	23.12		
10	QPSK	25	0	22.04	22.24	22.10	23.4	1
10	QPSK	25	12	22.01	22.16	22.15		
10	QPSK	25	25	21.94	22.17	22.05		
10	QPSK	50	0	22.03	22.21	22.10		
10	16QAM	1	0	22.07	22.30	22.28	23.4	1
10	16QAM	1	25	22.15	22.49	22.21		
10	16QAM	1	49	22.34	22.50	22.19		
10	16QAM	25	0	20.96	21.22	21.05	22.4	2
10	16QAM	25	12	20.92	21.21	21.04		
10	16QAM	25	25	21.07	21.23	21.11		
10	16QAM	50	0	21.01	21.11	21.11		
10	64QAM	1	0	20.92	21.15	21.06	22.4	2
10	64QAM	1	25	21.10	21.34	21.19		
10	64QAM	1	49	21.08	21.34	21.22		
10	64QAM	25	0	19.96	20.22	20.02	21.4	3
10	64QAM	25	12	20.03	20.17	20.08		
10	64QAM	25	25	19.99	20.27	20.07		
10	64QAM	50	0	19.99	20.23	20.06		
10	256QAM	1	0	18.24	18.32	18.27	19.4	5
10	256QAM	1	25	18.23	18.21	18.09		
10	256QAM	1	49	18.20	18.24	18.11		
10	256QAM	25	0	18.28	18.22	18.18	19.4	5
10	256QAM	25	12	18.12	18.16	18.17		
10	256QAM	25	25	18.22	18.22	18.15		
10	256QAM	50	0	18.17	18.18	18.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.11	23.28	23.14	24.4	0
5	QPSK	1	12	22.91	23.29	23.08		
5	QPSK	1	24	22.98	23.11	23.01		
5	QPSK	12	0	22.08	22.28	22.19	23.4	1
5	QPSK	12	7	21.94	22.26	22.16		
5	QPSK	12	13	21.99	22.17	22.17		
5	QPSK	25	0	22.02	22.23	22.11		
5	16QAM	1	0	21.98	22.27	22.28	23.4	1
5	16QAM	1	12	22.16	22.53	22.28		
5	16QAM	1	24	22.34	22.42	22.20		
5	16QAM	12	0	20.82	21.22	21.10	22.4	2
5	16QAM	12	7	20.92	21.21	21.11		
5	16QAM	12	13	21.04	21.23	21.07		
5	16QAM	25	0	20.95	21.17	21.07		
5	64QAM	1	0	20.91	21.21	21.15	22.4	2
5	64QAM	1	12	21.02	21.30	21.30		
5	64QAM	1	24	21.14	21.27	21.28		
5	64QAM	12	0	19.89	20.19	20.04	21.4	3
5	64QAM	12	7	20.00	20.21	20.07		
5	64QAM	12	13	20.08	20.18	20.08		
5	64QAM	25	0	19.99	20.10	20.12		
5	256QAM	1	0	18.30	18.25	18.18	19.4	5
5	256QAM	1	12	18.21	18.29	18.04		
5	256QAM	1	24	18.27	18.28	18.05		
5	256QAM	12	0	18.31	18.16	18.27	19.4	5
5	256QAM	12	7	18.09	18.20	18.13		
5	256QAM	12	13	18.20	18.21	18.20		
5	256QAM	25	0	18.17	18.23	18.19		

Band 12_Ant 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.83	23.85	23.81	24.7	0
10	QPSK	1	25	23.74	23.72	23.71		
10	QPSK	1	49	23.80	23.80	23.76		
10	QPSK	25	0	22.81	22.83	22.80	23.7	1
10	QPSK	25	12	22.72	22.70	22.72		
10	QPSK	25	25	22.73	22.76	22.72		
10	QPSK	50	0	22.78	22.80	22.77		
10	16QAM	1	0	22.88	22.95	22.97	23.7	1
10	16QAM	1	25	22.96	22.96	22.92		
10	16QAM	1	49

Band 12_Ant 31

BW [MHz]	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	24.00	24.07	24.03		
10	QPSK	1	25	23.87	23.93	23.85	25	0
10	QPSK	1	49	23.88	23.82	23.84		
10	QPSK	25	0	22.92	23.05	22.94		
10	QPSK	25	12	22.84	22.93	22.84	24	1
10	QPSK	25	25	22.88	22.89	22.85		
10	QPSK	50	0	22.84	23.01	22.89		
10	16QAM	1	0	22.59	23.41	22.80		
10	16QAM	1	25	23.29	22.77	23.17	24	1
10	16QAM	1	49	23.24	23.28	22.92		
10	16QAM	25	0	21.74	21.83	21.87		
10	16QAM	25	12	21.83	21.87	21.77	23	2
10	16QAM	25	25	21.86	21.88	21.84		
10	16QAM	50	0	21.77	21.88	21.82		
10	64QAM	1	0	22.00	22.11	21.58		
10	64QAM	1	25	21.88	22.10	21.93	23	2
10	64QAM	1	49	22.01	21.74	22.11		
10	64QAM	25	0	20.71	20.76	20.75		
10	64QAM	25	12	20.85	20.88	20.81	22	3
10	64QAM	25	25	20.89	20.81	20.88		
10	64QAM	50	0	20.85	20.85	20.81		
10	256QAM	1	0	18.89	18.90	18.86		
10	256QAM	1	25	18.85	18.86	18.77	20	5
10	256QAM	1	49	18.80	18.88	18.72		
10	256QAM	25	0	18.83	18.88	18.74		
10	256QAM	25	12	18.78	18.84	18.81	20	5
10	256QAM	25	25	18.81	18.78	18.80		
10	256QAM	50	0	18.85	18.78	18.73		
Channel				23005	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.99	23.98	23.90		
5	QPSK	1	12	23.74	23.84	23.72	25	0
5	QPSK	1	24	23.73	23.78	23.77		
5	QPSK	12	0	22.83	23.04	22.81		
5	QPSK	12	7	22.76	22.76	22.79	24	1
5	QPSK	12	13	22.82	22.79	22.75		
5	QPSK	25	0	22.69	22.99	22.76		
5	16QAM	1	0	22.57	23.27	22.76		
5	16QAM	1	12	23.16	22.64	23.08	24	1
5	16QAM	1	24	23.16	23.22	22.84		
5	16QAM	12	0	21.67	21.80	21.75		
5	16QAM	12	7	21.69	21.76	21.74	23	2
5	16QAM	12	13	21.75	21.81	21.71		
5	16QAM	25	0	21.69	21.76	21.72		
5	64QAM	1	0	21.90	22.08	21.50		
5	64QAM	1	12	21.82	22.00	21.92	23	2
5	64QAM	1	24	21.91	21.71	22.00		
5	64QAM	12	0	20.56	20.73	20.73		
5	64QAM	12	7	20.72	20.74	20.77	22	3
5	64QAM	12	13	20.78	20.79	20.81		
5	64QAM	25	0	20.71	20.76	20.78		
5	256QAM	1	0	18.87	18.82	18.80		
5	256QAM	1	12	18.77	18.84	18.67	20	5
5	256QAM	1	24	18.67	18.85	18.70		
5	256QAM	12	0	18.71	18.83	18.63		
5	256QAM	12	7	18.73	18.74	18.66	20	5
5	256QAM	12	13	18.78	18.68	18.68		
5	256QAM	25	0	18.81	18.68	18.61		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.87	24.03	23.96		
3	QPSK	1	8	23.74	23.88	23.72	25	0
3	QPSK	1	14	23.77	23.77	23.81		
3	QPSK	8	0	22.78	22.90	22.87		
3	QPSK	8	4	22.75	22.79	22.73	24	1
3	QPSK	8	7	22.86	22.76	22.75		
3	QPSK	15	0	22.73	22.92	22.83		
3	16QAM	1	0	22.54	23.39	22.75		
3	16QAM	1	8	23.26	22.68	23.16	24	1
3	16QAM	1	14	23.13	23.21	22.82		
3	16QAM	8	0	21.70	21.79	21.74		
3	16QAM	8	4	21.70	21.78	21.69	23	2
3	16QAM	8	7	21.75	21.77	21.79		
3	16QAM	15	0	21.68	21.77	21.75		
3	64QAM	1	0	21.96	21.98	21.51		
3	64QAM	1	8	21.81	22.04	21.91	23	2
3	64QAM	1	14	21.97	21.72	22.00		
3	64QAM	8	0	20.70	20.75	20.60		
3	64QAM	8	4	20.73	20.73	20.77	22	3
3	64QAM	8	7	20.76	20.75	20.74		
3	64QAM	15	0	20.73	20.77	20.76		
3	256QAM	1	0	18.88	18.78	18.72		
3	256QAM	1	8	18.70	18.82	18.67	20	5
3	256QAM	1	14	18.77	18.79	18.65		
3	256QAM	8	0	18.78	18.82	18.69		
3	256QAM	8	4	18.73	18.79	18.78	20	5
3	256QAM	8	7	18.69	18.72	18.73		
3	256QAM	15	0	18.70	18.71	18.67		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.91	23.92	23.98		
1.4	QPSK	1	3	23.82	23.79	23.81		
1.4	QPSK	1	5	23.87	23.70	23.83	25	0
1.4	QPSK	3	0	23.99	23.93	23.89		
1.4	QPSK	3	1	23.85	23.82	23.70		
1.4	QPSK	3	3	23.75	23.80	23.69		
1.4	QPSK	6	0	22.81	22.94	22.82	24	1
1.4	16QAM	1	0	22.81	22.68	22.73		
1.4	16QAM	1	3	22.84	22.78	22.71		
1.4	16QAM	1	5	22.72	22.97	22.82	24	1
1.4	16QAM	3	0	22.53	23.39	22.78		
1.4	16QAM	3	1	23.14	22.63	23.10		
1.4	16QAM	3	3	23.16	23.19	22.87		
1.4	16QAM	6	0	21.62	21.77	21.85	23	2
1.4	64QAM	1	0	21.77	21.72	21.70		
1.4	64QAM	1	3	21.80	21.75	21.76		
1.4	64QAM	1	5	21.74	21.82	21.80	23	2
1.4	64QAM	3	0	21.91	22.00	21.47		
1.4	64QAM	3	1	21.78	21.95	21.86		
1.4	64QAM	3	3	21.87	21.65	22.02		
1.4	64QAM	6	0	20.69	20.63	20.70	22	3
1.4	256QAM	1	0	18.82	18.80	18.80		
1.4	256QAM	1	3	18.72	18.71	18.70		
1.4	256QAM	1	5	18.72	18.76	18.59	20	5
1.4	256QAM	3	0	18.82	18.76	18.65		
1.4	256QAM	3	1	18.76	18.70	18.74		
1.4	256QAM	3	3	18.74	18.75	18.79		
1.4	256QAM	6	0	18.72	18.75	18.70	20	5

Band 13_Ant 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		23.56			
10	QPSK	1	25		23.32		24.7	0
10	QPSK	1	49		23.36			
10	QPSK	25	0		22.56			
10	QPSK	25	12		22.31		23.7	1
10	QPSK	25	25		22.29			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.51			
10	16QAM	1	25		22.53		23.7	1
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.26			
10	16QAM	25	12		21.29		22.7	2
10	16QAM	25	25		21.26			
10	16QAM	50	0		21.28			
10	64QAM	1	0		21.41			
10	64QAM	1	25		21.47		22.7	2
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.24			
10	64QAM	25	12		20.28		21.7	3
10	64QAM	25	25		20.26			
10	64QAM	50	0		20.26			
10	256QAM	1	0		18.37			
10	256QAM	1	25		18.30		19.7	5
10	256QAM	1	49		18.31			
10	256QAM	25	0		18.24			
10	256QAM	25	12		18.23		19.7	5
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.48	23.55		
5	QPSK	1	12	23.24	23.24	23.20	24.7	0
5	QPSK	1	24	23.33	23.21	23.23		
5	QPSK	12	0	22.46	22.42	22.51		
5	QPSK	12	7	22.22	22.29	22.16	23.7	1
5	QPSK	12	13	22.21	22.20	22.18		
5	QPSK	25	0	22.47	22.49	22.43		
5	16QAM	1	0	22.40	22.50	22.42		
5	16QAM	1	12	22.38	22.40	22.39	23.7	1
5	16QAM	1	24	22.43	22.48	22.45		
5	16QAM	12	0	21.20	21.23	21.23		
5	16QAM	12	7	21.26	21.25	21.22	22.7	2
5	16QAM	12	13	21.16	21.17	21.25		
5	16QAM	25	0	21.20	21.25	21.20		
5	64QAM	1	0	21.28	21.37	21.27		
5	64QAM	1	12	21.45	21.38	21.44	22.7	2
5	64QAM	1	24	21.43	21.38	21.39		
5	64QAM	12	0	20.20	20.15	20.19		
5	64QAM	12	7	20.17	20.15	20.15	21.7	3
5	64QAM	12	13	20.25	20.23	20.20		
5	64QAM	25	0	20.24	20.24	20.17		
5	256QAM	1	0	18.30	18.26	18.33		
5	256QAM	1	12	18.22	18.17	18.25	19.7	5
5	256QAM	1	24	18.22	18.27	18.30		
5	256QAM	12	0	18.14	18.15	18.12		
5	256QAM	12	7	18.18	18.11	18.22	19.7	5
5	256QAM	12	13	18.11	18.10	18.12		
5	256QAM	25	0	18.20	18.27	18.27		

Band 13_Ant 31

BW [MHz]	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		23.65			
10	QPSK	1	25		23.57		25	0
10	QPSK	1	49		23.56			
10	QPSK	25	0		22.63			
10	QPSK	25	12		22.60		24	1
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.60			
10	16QAM	1	0		22.57			
10	16QAM	1	25		22.54		24	1
10	16QAM	1	49		22.69			
10	16QAM	25	0		21.50			
10	16QAM	25	12		21.54		23	2
10	16QAM	25	25		21.59			
10	16QAM	50	0		21.50			
10	64QAM	1	0		21.87			
10	64QAM	1	25		21.56		23	2
10	64QAM	1	49		21.42			
10	64QAM	25	0		20.47			
10	64QAM	25	12		20.54		22	3
10	64QAM	25	25		20.45			
10	64QAM	50	0		20.56			
10	256QAM	1	0		18.58			
10	256QAM	1	25		18.48		20	5
10	256QAM	1	49		18.52			
10	256QAM	25	0		18.43			
10	256QAM	25	12		18.44		20	5
10	256QAM	25	25		18.46			
10	256QAM	50	0		18.46			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.63	23.55		
5	QPSK	1	12	23.54	23.45	23.56	25	0
5	QPSK	1	24	23.50	23.51	23.49		
5	QPSK	12	0	22.55	22.52	22.56		
5	QPSK	12	7	22.55	22.50	22.51	24	1
5	QPSK	12	13	22.48	22.45	22.45		
5	QPSK	25	0	22.53	22.47	22.45		
5	16QAM	1	0	22.56	22.43	22.50		
5	16QAM	1	12	22.46	22.40	22.51	24	1
5	16QAM	1	24	22.56	22.64	22.59		
5	16QAM	12	0	21.47	21.38	21.42		
5	16QAM	12	7	21.42	21.40	21.45	23	2
5	16QAM	12	13	21.49	21.52	21.54		
5	16QAM	25	0	21.38	21.43	21.36		
5	64QAM	1	0	21.76	21.76	21.72		
5	64QAM	1	12	21.49	21.54	21.53	23	2
5	64QAM	1	24	21.34	21.37	21.28		
5	64QAM	12	0	20.43	20.38	20.40		
5	64QAM	12	7	20.51	20.45	20.39	22	3
5	64QAM	12	13	20.33	20.39	20.38		
5	64QAM	25	0	20.52	20.42	20.47		
5	256QAM	1	0	18.49	18.45	18.46		
5	256QAM	1	12	18.33	18.36	18.46	20	5
5	256QAM	1	24	18.47	18.40	18.45		
5	256QAM	12	0	18.33	18.41	18.35		
5	256QAM	12	7	18.40	18.43	18.32	20	5
5	256QAM	12	13	18.40	18.40	18.36		
5	256QAM	25	0	18.32	18.40	18.32		

Band 17_Ant 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.78	23.80	23.75		
10	QPSK	1	25	23.70	23.69	23.69	24.7	0
10	QPSK	1	49	23.75	23.77	23.73		
10	QPSK	25	0	22.76	22.79	22.73		
10	QPSK	25	12	22.65	22.66	22.65	23.7	1
10	QPSK	25	25	22.69	22.69	22.68		
10	QPSK	50	0	22.73	22.75	22.71		
10	16QAM	1	0	22.83	22.86	22.86		
10	16QAM	1	25	22.89	22.88	22.82	23.7	1
10	16QAM	1	49	22.96	22.95	22.93		
10	16QAM	25	0	21.63	21.64	21.62		
10	16QAM	25	12	21.64	21.62	21.62	22.7	2
10	16QAM	25	25	21.68	21.66	21.67		
10	16QAM	50	0	21.66	21.65	21.65		
10	64QAM	1	0	21.72	21.79	21.76		
10	64QAM	1	25	21.76	21.78	21.79	22.7	2
10	64QAM	1	49	21.85	21.85	21.85		
10	64QAM	25	0	20.61	20.62	20.63		
10	64QAM	25	12	20.63	20.62	20.63	21.7	3
10	64QAM	25	25	20.67	20.66	20.66		
10	64QAM	50	0	20.64	20.65	20.64		
10	256QAM	1	0	18.68	18.70	18.67		
10	256QAM	1	25	18.64	18.66	18.54	19.7	5
10	256QAM	1	49	18.63	18.55	18.63		
10	256QAM	25	0	18.63	18.65	18.61		
10	256QAM	25	12	18.60	18.55	18.61	19.7	5
10	256QAM	25	25	18.63	18.59	18.55		
10	256QAM	50	0	18.61	18.67	18.66		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.74	23.73	23.71		
5	QPSK	1	12	23.67	23.59	23.61	24.7	0
5	QPSK	1	24	23.71	23.76	23.66		
5	QPSK	12	0	22.67	22.63	22.60		
5	QPSK	12	7	22.62	22.57	22.64	23.7	1
5	QPSK	12	13	22.59	22.64	22.59		
5	QPSK	25	0	22.61	22.69	22.67		
5	16QAM	1	0	22.75	22.81	22.81		
5	16QAM	1	12	22.87	22.74	22.76	23.7	1
5	16QAM	1	24	22.89	22.91	22.79		
5	16QAM	12	0	21.61	21.54	21.57		
5	16QAM	12	7	21.62	21.56	21.47	22.7	2
5	16QAM	12	13	21.64	21.57	21.64		
5	16QAM	25	0	21.55	21.57	21.60		
5	64QAM	1	0	21.69	21.77	21.61		
5	64QAM	1	12	21.67	21.69	21.73	22.7	2
5	64QAM	1	24	21.75	21.77	21.79		
5	64QAM	12	0	20.60	20.59	20.52		
5	64QAM	12	7	20.55	20.61	20.50	21.7	3
5	64QAM	12	13	20.62	20.55	20.52		
5	64QAM	25	0	20.60	20.57	20.57		
5	256QAM	1	0	18.54	18.56	18.66		
5	256QAM	1	12	18.61	18.55	18.50	19.7	5
5	256QAM	1	24	18.58	18.43	18.50		
5	256QAM	12	0	18.49	18.53	18.59		
5	256QAM	12	7	18.56	18.46	18.48	19.7	5
5	256QAM	12	13	18.54	18.55	18.46		
5	256QAM	25	0	18.48	18.59	18.57		

Band 17_Ant 31

BW [MHz]	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	24.01	24.03	23.99		
10	QPSK	1	25	24.00	23.90	23.97	25	0
10	QPSK	1	49	23.98	23.99	23.94		
10	QPSK	25	0	22.99	23.00	22.95		
10	QPSK	25	12	22.92	22.92	22.91	24	1
10	QPSK	25	25	22.94	22.90	22.93		
10	QPSK	50	0	22.95	22.97	22.93		
10	16QAM	1	0	23.09	22.95	22.95		
10	16QAM	1	25	23.25	23.01	23.26	24	1
10	16QAM	1	49	23.06	23.14	23.42		
10	16QAM	25	0	21.82	21.83	21.92		
10	16QAM	25	12	21.90	21.88	21.93	23	2
10	16QAM	25	25	21.95	21.97	21.90		
10	16QAM	50	0	21.90	21.90	21.86		
10	64QAM	1	0	22.16	22.16	21.70		
10	64QAM	1	25	22.18	21.89	22.18	23	2
10	64QAM	1	49	22.25	22.28	22.24		
10	64QAM	25	0	20.82	20.88	20.85		
10	64QAM	25	12	20.90	20.85	20.81	22	3
10	64QAM	25	25	20.91	20.86	20.93		
10	64QAM	50	0	20.91	20.93	20.85		
10	256QAM	1	0	18.87	18.90	18.85		
10	256QAM	1	25	18.86	18.84	18.81	20	5
10	256QAM	1	49	18.82	18.87	18.83		
10	256QAM	25	0	18.76	18.85	18.81		
10	256QAM	25	12	18.76	18.85	18.76	20	5
10	256QAM	25	25	18.86	18.80	18.79		
10	256QAM	50	0	18.79	18.89	18.77		
Channel				23725	23730	23735	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.89	24.01	23.87		
5	QPSK	1	12	23.86	23.77	23.88	25	0
5	QPSK	1	24	23.87	23.88	23.79		
5	QPSK	12	0	22.90	22.92	22.85		
5	QPSK	12	7	22.77	22.86	22.78	24	1
5	QPSK	12	13	22.84	22.88	22.81		
5	QPSK	25	0	22.90	22.95	22.88		
5	16QAM	1	0	23.03	22.93	22.87		
5	16QAM	1	12	23.13	22.91	23.12	24	1
5	16QAM	1	24	22.97	23.05	23.39		
5	16QAM	12	0	21.79	21.82	21.89		
5	16QAM	12	7	21.87	21.83	21.82	23	2
5	16QAM	12	13	21.86	21.85	21.82		
5	16QAM	25	0	21.79	21.87	21.75		
5	64QAM	1	0	22.12	22.04	21.55		
5	64QAM	1	12	22.13	21.78	22.13	23	2
5	64QAM	1	24	22.17	22.14	22.19		
5	64QAM	12	0	20.75	20.84	20.77		
5	64QAM	12	7	20.75	20.83	20.80	22	3
5	64QAM	12	13	20.79	20.76	20.81		
5	64QAM	25	0	20.80	20.82	20.75		
5	256QAM	1	0	18.77	18.79	18.80		
5	256QAM	1	12	18.72	18.71	18.67	20	5
5	256QAM	1	24	18.70	18.79	18.68		
5	256QAM	12	0	18.85	18.71	18.71		
5	256QAM	12	7	18.67	18.76	18.70	20	5
5	256QAM	12	13	18.78	18.75	18.71		
5	256QAM	25	0	18.65	18.81	18.65		

Band 26_Ant 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.67	23.74	23.68		
15	QPSK	1	37	23.57	23.60	23.63	24.7	0
15	QPSK	1	74	23.61	23.57	23.58		
15	QPSK	36	0	22.65	22.73	22.63		
15	QPSK	36	20	22.58	22.55	22.56	23.7	1
15	QPSK	36	39	22.57	22.52	22.53		
15	QPSK	75	0	22.63	22.68	22.60		
15	16QAM	1	0	22.66	22.76	22.80		
15	16QAM	1	37	22.74	22.84	22.80	23.7	1
15	16QAM	1	74	22.76	22.84	22.79		
15	16QAM	36	0	21.51	21.52	21.57		
15	16QAM	36	20	21.57	21.56	21.56	22.7	2
15	16QAM	36	39	21.56	21.52	21.52		
15	16QAM	75	0	21.53	21.57	21.57		
15	64QAM	1	0	21.57	21.65	21.74		
15	64QAM	1	37	21.69	21.71	21.75	22.7	2
15	64QAM	1	74	21.72	21.82	21.83		
15	64QAM	36	0	20.54	20.56	20.59		
15	64QAM	36	20	20.58	20.57	20.59	21.7	3
15	64QAM	36	39	20.58	20.57	20.56		
15	64QAM	75	0	20.54	20.56	20.54		
15	256QAM	1	0	18.63	18.65	18.61		
15	256QAM	1	37	18.61	18.58	18.53	19.7	5
15	256QAM	1	74	18.58	18.62	18.58		
15	256QAM	36	0	18.60	18.52	18.49		
15	256QAM	36	20	18.60	18.63	18.46	19.7	5
15	256QAM	36	39	18.53	18.53	18.57		
15	256QAM	75	0	18.61	18.64	18.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.56	23.66	23.63		
10	QPSK	1	25	23.46	23.55	23.56	24.7	0
10	QPSK	1	49	23.46	23.47	23.47		
10	QPSK	25	0	22.58	22.64	22.55		
10	QPSK	25	12	22.46	22.51	22.41	23.7	1
10	QPSK	25	25	22.56	22.39	22.47		
10	QPSK	50	0	22.52	22.67	22.55		
10	16QAM	1	0	22.55	22.67	22.79		
10	16QAM	1	25	22.61	22.74	22.74	23.7	1
10	16QAM	1	49	22.68	22.81	22.74		
10	16QAM	25	0	21.38	21.40	21.52		
10	16QAM	25	12	21.53	21.53	21.50	22.7	2
10	16QAM	25	25	21.47	21.50	21.48		
10	16QAM	50	0	21.43	21.48	21.47		
10	64QAM	1	0	21.49	21.64	21.59		
10	64QAM	1	25	21.56	21.58	21.65	22.7	2
10	64QAM	1	49	21.60	21.63	21.63		
10	64QAM	25	0	20.41	20.49	20.48		
10	64QAM	25	12	20.54	20.49	20.48	21.7	3
10	64QAM	25	25	20.48	20.46	20.51		
10	64QAM	50	0	20.51	20.51	20.43		
10	256QAM	1	0	18.57	18.57	18.55		
10	256QAM	1	25	18.47	18.43	18.38	19.7	5
10	256QAM	1	49	18.53	18.56	18.54		
10	256QAM	25	0	18.57	18.41	18.38		
10	256QAM	25	12	18.55	18.48	18.36	19.7	5
10	256QAM	25	25	18.45	18.40	18.45		
10	256QAM	50	0	18.47	18.56	18.34		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.58	23.69	23.53		
5	QPSK	1	12	23.51	23.54	23.54	24.7	0
5	QPSK	1	24	23.54	23.42	23.49		
5	QPSK	12	0	22.64	22.73	22.64		
5	QPSK	12	7	22.45	22.45	22.48	23.7	1
5	QPSK	12	13	22.45	22.43	22.38		
5	QPSK	25	0	22.56	22.60	22.47		
5	16QAM	1	0	22.59	22.67	22.66		
5	16QAM	1	12	22.69	22.75	22.71	23.7	1
5	16QAM	1	24	22.71	22.81	22.68		
5	16QAM	12	0	21.37	21.42	21.47		
5	16QAM	12	7	21.44	21.52	21.53	22.7	2
5	16QAM	12	13	21.47	21.51	21.45		
5	16QAM	25	0	21.44	21.55	21.47		
5	64QAM	1	0	21.42	21.61	21.69		
5	64QAM	1	12	21.58	21.70	21.70	22.7	2
5	64QAM	1	24	21.67	21.58	21.55		
5	64QAM	12	0	20.53	20.43	20.51		
5	64QAM	12	7	20.52	20.53	20.47	21.7	3
5	64QAM	12	13	20.52	20.46	20.48		
5	64QAM	25	0	20.41	20.45	20.51		
5	256QAM	1	0	18.53	18.64	18.60		
5	256QAM	1	12	18.51	18.56	18.42	19.7	5
5	256QAM	1	24	18.44	18.58	18.52		
5	256QAM	12	0	18.55	18.48	18.37		
5	256QAM	12	7	18.45	18.55	18.43	19.7	5
5	256QAM	12	13	18.48	18.42	18.48		
5	256QAM	25	0	18.60	18.51	18.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.52	23.61	23.64		
3	QPSK	1	8	23.50	23.45	23.57	24.7	0
3	QPSK	1	14	23.54	23.43	23.46		
3	QPSK	8	0	22.61	22.61	22.54		
3	QPSK	8	4	22.42	22.53	22.41	23.7	1
3	QPSK	8	7	22.43	22.46	22.48		
3	QPSK	15	0	22.57	22.66	22.55		
3	16QAM	1	0	22.52	22.65	22.65		
3	16QAM	1	8	22.67	22.76	22.72	23.7	1
3	16QAM	1	14	22.65	22.73	22.78		
3	16QAM	8	0	21.50	21.45	21.45		
3	16QAM	8	4	21.49	21.45	21.54	22.7	2
3	16QAM	8	7	21.45	21.44	21.42		
3	16QAM	15	0	21.51	21.46	21.46		
3	64QAM	1	0	21.45	21.54	21.61		
3	64QAM	1	8	21.58	21.73	21.74	22.7	2
3	64QAM	1	14	21.56	21.71	21.56		
3	64QAM	8	0	20.47	20.55	20.54		
3	64QAM	8	4	20.51	20.52	20.54	21.7	3
3	64QAM	8	7	20.54	20.52	20.42		
3	64QAM	15	0	20.42	20.50	20.55		
3	256QAM	1	0	18.59	18.53	18.57		
3	256QAM	1	8	18.53	18.45	18.48	19.7	5
3	256QAM	1	14	18.50	18.49	18.51		
3	256QAM	8	0	18.58	18.46	18.48		
3	256QAM	8	4	18.57	18.52	18.43	19.7	5
3	256QAM	8	7	18.42	18.40	18.56		
3	256QAM	15	0	18.55	18.63	18.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.73	23.52		
1.4	QPSK	1	3	23.54	23.46	23.54		
1.4	QPSK	1	5	23.46	23.53	23.41	24.7	0
1.4	QPSK	3	0	23.65	23.64	23.55		
1.4	QPSK	3	1	23.47	23.51	23.55		
1.4	QPSK	3	3	23.52	23.55	23.54		
1.4	QPSK	6	0	22.50	22.66	22.57	23.7	1
1.4	16QAM	1	0	22.54	22.44	22.47		
1.4	16QAM	1	3	22.55	22.48	22.38		
1.4	16QAM	1	5	22.51	22.63	22.55	23.7	1
1.4	16QAM	3	0	22.52	22.70	22.67		
1.4	16QAM	3	1	22.63	22.73	22.67		
1.4	16QAM	3	3	22.69	22.72	22.78		
1.4	16QAM	6	0	21.50	21.45	21.43	22.7	2
1.4	64QAM	1	0	21.55	21.44	21.47		
1.4	64QAM	1	3	21.52	21.39	21.42		
1.4	64QAM	1	5	21.49	21.46	21.42	22.7	2
1.4	64QAM	3	0	21.53	21.62	21.63		
1.4	64QAM	3	1	21.57	21.60	21.65		
1.4	64QAM	3	3	21.59	21.61	21.61		
1.4	64QAM	6	0	20.41	20.48	20.44	21.7	3
1.4	256QAM	1	0	18.61	18.58	18.48		
1.4	256QAM	1	3	18.57	18.47	18.43		
1.4	256QAM	1	5	18.55	18.57	18.47	19.7	5
1.4	256QAM	3	0	18.47	18.46	18.42		
1.4	256QAM	3	1	18.45	18.51	18.45		
1.4	256QAM	3	3	18.42	18.51	18.50		
1.4	256QAM	6	0	18.47	18.53	18.43	19.7	5

Band 26_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.63	23.69	23.65		
15	QPSK	1	37	23.62	23.60	23.60	25	0
15	QPSK	1	74	23.55	23.64	23.56		
15	QPSK	36	0	22.63	22.68	22.64		
15	QPSK	36	20	22.62	22.59	22.63	24	1
15	QPSK	36	39	22.61	22.61	22.60		
15	QPSK	75	0	22.62	22.65	22.62		
15	16QAM	1	0	23.00	22.66	22.58		
15	16QAM	1	37	23.00	22.77	23.11	24	1
15	16QAM	1	74	22.61	22.55	22.62		
15	16QAM	36	0	21.64	21.59	21.59		
15	16QAM	36	20	21.70	21.64	21.63	23	2
15	16QAM	36	39	21.62	21.57	21.63		
15	16QAM	75	0	21.62	21.64	21.67		
15	64QAM	1	0	21.84	21.55	22.00		
15	64QAM	1	37	21.65	21.73	21.92	23	2
15	64QAM	1	74	21.88	21.97	21.43		
15	64QAM	36	0	20.64	20.60	20.67		
15	64QAM	36	20	20.67	20.66	20.66	22	3
15	64QAM	36	39	20.60	20.59	20.59		
15	64QAM	75	0	20.63	20.64	20.64		
15	256QAM	1	0	18.63	18.65	18.61		
15	256QAM	1	37	18.54	18.51	18.49	20	5
15	256QAM	1	74	18.56	18.64	18.54		
15	256QAM	36	0	18.51	18.62	18.48		
15	256QAM	36	20	18.51	18.59	18.49	20	5
15	256QAM	36	39	18.60	18.55	18.56		
15	256QAM	75	0	18.59	18.62	18.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.62	23.58	23.52		
10	QPSK	1	25	23.47	23.48	23.51	25	0
10	QPSK	1	49	23.50	23.51	23.45		
10	QPSK	25	0	22.58	22.64	22.61		
10	QPSK	25	12	22.45	22.46	22.60	24	1
10	QPSK	25	25	22.52	22.54	22.52		
10	QPSK	50	0	22.51	22.64	22.54		
10	16QAM	1	0	22.77	22.58	22.56		
10	16QAM	1	25	22.98	22.71	22.99	24	1
10	16QAM	1	49	22.48	22.51	22.48		
10	16QAM	25	0	21.50	21.46	21.51		
10	16QAM	25	12	21.63	21.56	21.56	23	2
10	16QAM	25	25	21.53	21.53	21.58		
10	16QAM	50	0	21.57	21.57	21.61		
10	64QAM	1	0	21.83	21.40	21.92		
10	64QAM	1	25	21.62	21.59	21.78	23	2
10	64QAM	1	49	21.72	21.83	21.41		
10	64QAM	25	0	20.52	20.45	20.65		
10	64QAM	25	12	20.65	20.53	20.61	22	3
10	64QAM	25	25	20.48	20.57	20.52		
10	64QAM	50	0	20.50	20.49	20.57		
10	256QAM	1	0	18.49	18.62	18.46		
10	256QAM	1	25	18.52	18.37	18.39	20	5
10	256QAM	1	49	18.46	18.55	18.41		
10	256QAM	25	0	18.39	18.58	18.43		
10	256QAM	25	12	18.49	18.54	18.48	20	5
10	256QAM	25	25	18.46	18.48	18.42		
10	256QAM	50	0	18.46	18.55	18.44		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.49	23.58	23.59		
5	QPSK	1	12	23.58	23.54	23.57	25	0
5	QPSK	1	24	23.45	23.56	23.55		
5	QPSK	12	0	22.62	22.67	22.53		
5	QPSK	12	7	22.55	22.46	22.49	24	1
5	QPSK	12	13	22.57	22.60	22.50		
5	QPSK	25	0	22.60	22.54	22.54		
5	16QAM	1	0	22.89	22.57	22.47		
5	16QAM	1	12	22.94	22.64	23.06	24	1
5	16QAM	1	24	22.55	22.48	22.48		
5	16QAM	12	0	21.50	21.58	21.58		
5	16QAM	12	7	21.58	21.57	21.58	23	2
5	16QAM	12	13	21.57	21.54	21.47		
5	16QAM	25	0	21.56	21.59	21.55		
5	64QAM	1	0	21.72	21.47	21.86		
5	64QAM	1	12	21.60	21.86	21.84	23	2
5	64QAM	1	24	21.81	21.93	21.32		
5	64QAM	12	0	20.57	20.57	20.58		
5	64QAM	12	7	20.63	20.61	20.63	22	3
5	64QAM	12	13	20.48	20.46	20.44		
5	64QAM	25	0	20.53	20.50	20.57		
5	256QAM	1	0	18.48	18.62	18.49		
5	256QAM	1	12	18.40	18.48	18.37	20	5
5	256QAM	1	24	18.43	18.53	18.53		
5	256QAM	12	0	18.50	18.50	18.43		
5	256QAM	12	7	18.37	18.54	18.44	20	5
5	256QAM	12	13	18.55	18.49	18.50		
5	256QAM	25	0	18.59	18.60	18.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.59	23.65	23.62		
3	QPSK	1	8	23.52	23.57	23.59	25	0
3	QPSK	1	14	23.48	23.59	23.47		
3	QPSK	8	0	22.57	22.57	22.59		
3	QPSK	8	4	22.54	22.55	22.53	24	1
3	QPSK	8	7	22.49	22.59	22.49		
3	QPSK	15	0	22.56	22.59	22.49		
3	16QAM	1	0	22.93	22.62	22.52		
3	16QAM	1	8	22.89	22.63	23.09	24	1
3	16QAM	1	14	22.55	22.48	22.53		
3	16QAM	8	0	21.60	21.47	21.49		
3	16QAM	8	4	21.57	21.54	21.52	23	2
3	16QAM	8	7	21.57	21.43	21.51		
3	16QAM	15	0	21.56	21.60	21.62		
3	64QAM	1	0	21.79	21.51	21.87		
3	64QAM	1	8	21.83	21.64	21.85	23	2
3	64QAM	1	14	21.84	21.85	21.40		
3	64QAM	8	0	20.52	20.48	20.57		
3	64QAM	8	4	20.54	20.57	20.56	22	3
3	64QAM	8	7	20.52	20.52	20.52		
3	64QAM	15	0	20.60	20.61	20.59		
3	256QAM	1	0	18.62	18.64	18.46		
3	256QAM	1	8	18.43	18.47	18.41	20	5
3	256QAM	1	14	18.58	18.58	18.43		
3	256QAM	8	0	18.47	18.50	18.46		
3	256QAM	8	4	18.37	18.57	18.42	20	5
3	256QAM	8	7	18.45	18.50	18.55		
3	256QAM	15	0	18.50	18.49	18.45		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.58	23.63		
1.4	QPSK	1	3	23.53	23.52	23.49		
1.4	QPSK	1	5	23.47	23.49	23.55	25	0
1.4	QPSK	3	0	23.48	23.60	23.52		
1.4	QPSK	3	1	23.60	23.51	23.48		
1.4	QPSK	3	3	23.44	23.61	23.50		
1.4	QPSK	6	0	22.57	22.62	22.56	24	1
1.4	16QAM	1	0	22.47	22.51	22.60		
1.4	16QAM	1	3	22.55	22.51	22.47		
1.4	16QAM	1	5	22.51	22.62	22.59	24	1
1.4	16QAM	3	0	22.46	22.65	22.50		
1.4	16QAM	3	1	22.90	22.66	22.96		
1.4	16QAM	3	3	22.59	22.53	22.48		
1.4	16QAM	6	0	21.54	21.50	21.44	23	2
1.4	64QAM	1	0	21.55	21.55	21.59		
1.4	64QAM	1	3	21.51	21.42	21.45		
1.4	64QAM	1	5	21.48	21.58	21.53	23	2
1.4	64QAM	3	0	21.83	21.41	21.92		
1.4	64QAM	3	1	21.59	21.71	21.88		
1.4	64QAM	3	3	21.71	21.95	21.36		
1.4	64QAM	6	0	20.63	20.51	20.62	22	3
1.4	256QAM	1	0	18.53	18.51	18.59		
1.4	256QAM	1	3	18.39	18.50	18.35		
1.4	256QAM	1	5	18.40	18.58	18.46	20	5
1.4	256QAM	3	0	18.39	18.56	18.39		
1.4	256QAM	3	1	18.48	18.50	18.37		
1.4	256QAM	3	3	18.50	18.52	18.43		
1.4	256QAM	6	0	18.44	18.48	18.41	20	5

Band 66_Ant 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.85	23.90	23.83		
20	QPSK	1	49	23.68	23.87	23.69	24.7	0
20	QPSK	1	99	23.55	23.74	23.56		
20	QPSK	50	0	22.83	22.89	22.80		
20	QPSK	50	24	22.92	22.83	22.75	23.7	1
20	QPSK	50	50	22.62	22.79	22.71		
20	QPSK	100	0	22.80	22.86	22.78		
20	16QAM	1	0	23.06	23.09	22.98		
20	16QAM	1	49	23.00	23.13	22.99	23.7	1
20	16QAM	1	99

Band 66_Ant 31

BW [MHz]	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	23.81	23.85	23.80	24.9	0
20	QPSK	1	49	23.66	23.82	23.60		
20	QPSK	1	99	23.61	23.76	23.49		
20	QPSK	50	0	22.78	22.86	22.73	23.9	1
20	QPSK	50	24	22.67	22.84	22.63		
20	QPSK	50	50	22.65	22.79	22.58		
20	QPSK	100	0	22.75	22.82	22.71		
20	16QAM	1	0	23.15	23.03	22.69	23.9	1
20	16QAM	1	49	23.13	23.29	22.89		
20	16QAM	1	99	23.05	22.86	22.47		
20	16QAM	50	0	21.64	21.81	21.61	22.9	2
20	16QAM	50	24	21.70	21.83	21.59		
20	16QAM	50	50	21.68	21.74	21.54		
20	16QAM	100	0	21.66	21.77	21.59		
20	64QAM	1	0	21.90	22.04	21.82	22.9	2
20	64QAM	1	49	21.52	21.79	21.97		
20	64QAM	1	99	21.49	21.96	21.68		
20	64QAM	50	0	20.75	20.78	20.60	21.9	3
20	64QAM	50	24	20.68	20.75	20.58		
20	64QAM	50	50	20.60	20.69	20.55		
20	64QAM	100	0	20.65	20.73	20.56		
20	256QAM	1	0	18.81	18.83	18.80	19.9	5
20	256QAM	1	49	18.74	18.82	18.74		
20	256QAM	1	99	18.79	18.81	18.73		
20	256QAM	50	0	18.71	18.82	18.75	19.9	5
20	256QAM	50	24	18.69	18.72	18.70		
20	256QAM	50	50	18.78	18.69	18.73		
20	256QAM	100	0	18.76	18.72	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.75	23.75	23.74	24.9	0
15	QPSK	1	37	23.63	23.75	23.52		
15	QPSK	1	74	23.60	23.62	23.36		
15	QPSK	36	0	22.75	22.73	22.71	23.9	1
15	QPSK	36	20	22.58	22.74	22.49		
15	QPSK	36	39	22.54	22.73	22.52		
15	QPSK	75	0	22.71	22.72	22.62		
15	16QAM	1	0	23.12	23.00	22.58	23.9	1
15	16QAM	1	37	23.03	23.23	22.56		
15	16QAM	1	74	22.97	22.77	22.38		
15	16QAM	36	0	21.57	21.66	21.54	22.9	2
15	16QAM	36	20	21.67	21.79	21.55		
15	16QAM	36	39	21.62	21.73	21.42		
15	16QAM	75	0	21.56	21.72	21.57		
15	64QAM	1	0	21.89	22.00	21.80	22.9	2
15	64QAM	1	37	21.46	21.70	21.82		
15	64QAM	1	74	21.43	21.94	21.62		
15	64QAM	36	0	20.66	20.76	20.56	21.9	3
15	64QAM	36	20	20.53	20.69	20.48		
15	64QAM	36	39	20.46	20.54	20.42		
15	64QAM	75	0	20.64	20.60	20.48		
15	256QAM	1	0	18.73	18.76	18.70	19.9	5
15	256QAM	1	37	18.70	18.80	18.72		
15	256QAM	1	74	18.72	18.67	18.67		
15	256QAM	36	0	18.59	18.68	18.74	19.9	5
15	256QAM	36	20	18.63	18.69	18.77		
15	256QAM	36	39	18.75	18.61	18.64		
15	256QAM	75	0	18.61	18.57	18.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.76	23.83	23.69	24.9	0
10	QPSK	1	25	23.62	23.75	23.46		
10	QPSK	1	49	23.46	23.70	23.44		
10	QPSK	25	0	22.67	22.78	22.71	23.9	1
10	QPSK	25	12	22.59	22.82	22.50		
10	QPSK	25	25	22.62	22.69	22.57		
10	QPSK	50	0	22.65	22.81	22.61		
10	16QAM	1	0	23.06	22.91	22.66	23.9	1
10	16QAM	1	25	23.10	23.27	22.56		
10	16QAM	1	49	22.91	22.80	22.34		
10	16QAM	25	0	21.58	21.73	21.46	22.9	2
10	16QAM	25	12	21.67	21.74	21.47		
10	16QAM	25	25	21.64	21.65	21.50		
10	16QAM	50	0	21.52	21.68	21.48		
10	64QAM	1	0	21.87	22.02	21.77	22.9	2
10	64QAM	1	25	21.51	21.77	21.84		
10	64QAM	1	49	21.48	21.89	21.67		
10	64QAM	25	0	20.60	20.67	20.49	21.9	3
10	64QAM	25	12	20.55	20.64	20.49		
10	64QAM	25	25	20.49	20.67	20.49		
10	64QAM	50	0	20.59	20.70	20.52		
10	256QAM	1	0	18.75	18.70	18.72	19.9	5
10	256QAM	1	25	18.71	18.68	18.64		
10	256QAM	1	49	18.68	18.78	18.69		
10	256QAM	25	0	18.67	18.70	18.60	19.9	5
10	256QAM	25	12	18.56	18.68	18.76		
10	256QAM	25	25	18.77	18.57	18.61		
10	256QAM	50	0	18.66	18.71	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.72	23.72	23.75	24.9	0
5	QPSK	1	12	23.64	23.75	23.47		
5	QPSK	1	24	23.51	23.73	23.48		
5	QPSK	12	0	22.72	22.73	22.64	23.9	1
5	QPSK	12	7	22.62	22.72	22.59		
5	QPSK	12	13	22.57	22.64	22.46		
5	QPSK	25	0	22.68	22.71	22.61		
5	16QAM	1	0	23.06	23.01	22.63	23.9	1
5	16QAM	1	12	23.05	23.18	22.61		
5	16QAM	1	24	22.97	22.80	22.44		
5	16QAM	12	0	21.62	21.68	21.52	22.9	2
5	16QAM	12	7	21.66	21.74	21.54		
5	16QAM	12	13	21.54	21.61	21.51		
5	16QAM	25	0	21.62	21.65	21.45		
5	64QAM	1	0	21.77	21.96	21.77	22.9	2
5	64QAM	1	12	21.39	21.65	21.89		
5	64QAM	1	24	21.45	21.91	21.58		
5	64QAM	12	0	20.63	20.72	20.45	21.9	3
5	64QAM	12	7	20.60	20.60	20.54		
5	64QAM	12	13	20.56	20.66	20.49		
5	64QAM	25	0	20.50	20.61	20.53		
5	256QAM	1	0	18.70	18.77	18.72	19.9	5
5	256QAM	1	12	18.60	18.67	18.68		
5	256QAM	1	24	18.68	18.68	18.64		
5	256QAM	12	0	18.69	18.69	18.73	19.9	5
5	256QAM	12	7	18.61	18.68	18.72		
5	256QAM	12	13	18.65	18.55	18.58		
5	256QAM	25	0	18.64	18.67	18.68		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.69	23.84	23.68	24.9	0
3	QPSK	1	8	23.61	23.73	23.47		
3	QPSK	1	14	23.57	23.72	23.42		
3	QPSK	8	0	22.76	22.75	22.69	23.9	1
3	QPSK	8	4	22.58	22.80	22.60		
3	QPSK	8	7	22.63	22.73	22.49		
3	QPSK	15	0	22.74	22.79	22.59		
3	16QAM	1	0	23.01	22.91	22.59	23.9	1
3	16QAM	1	8	23.04	23.25	22.59		
3	16QAM	1	14	22.90	22.74	22.42		
3	16QAM	8	0	21.50	21.70	21.54	22.9	2
3	16QAM	8	4	21.55	21.70	21.56		
3	16QAM	8	7	21.54	21.66	21.45		
3	16QAM	15	0	21.53	21.75	21.46		
3	64QAM	1	0	21.77	22.00	21.71	22.9	2
3	64QAM	1	8	21.46	21.64	21.85		
3	64QAM	1	14	21.48	21.86	21.54		
3	64QAM	8	0	20.73	20.76	20.57	21.9	3
3	64QAM	8	4	20.56	20.73	20.57		
3	64QAM	8	7	20.46	20.67	20.49		
3	64QAM	15	0	20.57	20.68	20.53		
3	256QAM	1	0	18.74	18.79	18.73	19.9	5
3	256QAM	1	8	18.66	18.68	18.73		
3	256QAM	1	14	18.78	18.79	18.68		
3	256QAM	8	0	18.68	18.81	18.69	19.9	5
3	256QAM	8	4	18.63	18.57	18.70		
3	256QAM	8	7	18.72	18.68	18.60		
3	256QAM	15	0	18.74	18.61	18.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.75	23.74	23.78	24.9	0
1.4	QPSK	1	3	23.60	23.80	23.52		
1.4	QPSK	1	5	23.53	23.70	23.36		
1.4	QPSK	3	0	23.75	23.81	23.69		
1.4	QPSK	3	1	23.61	23.67	23.54		
1.4	QPSK	3	3	23.50	23.70	23.42		
1.4	QPSK	6	0	22.65	22.83	22.71	23.9	1
1.4	16QAM	1	0	22.52	22.74	22.60	23.9	1
1.4	16QAM	1	3	22.55	22.69	22.46		
1.4	16QAM	1	5	22.72	22.67	22.63		
1.4	16QAM	3	0	23.01	22.91	22.58		
1.4	16QAM	3	1	23.01	23.22	22.61		
1.4	16QAM	3	3	22.94	22.78	22.35		
1.4	16QAM	6	0	21.50	21.73	21.56	22.9	2
1.4	64QAM	1	0	21.55	21.82	21.47	22.9	2
1.4	64QAM	1	3	21.63	21.72	21.53		
1.4	64QAM	1	5	21.52	21.62	21.54		
1.4	64QAM	3	0	21.80	21.97	21.68		
1.4	64QAM	3	1	21.45	21.78	21.91		
1.4	64QAM	3	3	21.42	21.82	21.54		
1.4	64QAM	6	0	20.74	20.71	20.47	21.9	3
1.4	256QAM	1	0	18.78	18.72	18.77	19.9	5
1.4	256QAM	1	3	18.63	18.72	18.64		
1.4	256QAM	1	5	18.75	18.71	18.70		
1.4	256QAM	3	0	18.68	18.69	18.63		
1.4	256QAM	3	1	18.63	18.70	18.72		
1.4	256QAM	3	3	18.72	18.54	18.63		
1.4	256QAM	6	0	18.62	18.59	18.65	19.9	5

Band 66_Ant 11

BW [MHz]	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	23.76	23.80	23.75	24.9	0
20	QPSK	1	49	23.65	23.77	23.67		
20	QPSK	1	99	23.57	23.65	23.58		
20	QPSK	50	0	22.76	22.80	22.75	23.9	1
20	QPSK	50	24	22.69	22.76	22.73		
20	QPSK	50	50	22.67	22.74	22.71		
20	QPSK	100	0	22.67	22.77	22.74		
20	16QAM	1	0	23.08	23.04	22.85	23.9	1
20	16QAM	1	49	23.00	23.03	22.96		
20	16QAM	1	99	22.87	22.86	22.80		
20	16QAM	50	0	21.66	21.79	21.75	22.9	2
20	16QAM	50	24	21.70	21.76	21.71		
20	16QAM	50	50	21.67	21.74	21.70		
20	16QAM	100	0	21.66	21.74	21.70		
20	64QAM	1	0	21.85	21.86	21.80	22.9	2
20	64QAM	1	49	21.80	21.93	21.85		
20	64QAM	1	99	21.72	21.82	21.74		
20	64QAM	50	0	20.68	20.77	20.73	21.9	3
20	64QAM	50	24	20.69	20.75	20.70		
20	64QAM	50	50	20.68	20.74	20.68		
20	64QAM	100	0	20.68	20.76	20.69		
20	256QAM	1	0	18.80	18.81	18.78	19.9	5
20	256QAM	1	49	18.73	18.70	18.75		
20	256QAM	1	99	18.65	18.71	18.73		
20	256QAM	50	0	18.74	18.67	18.70	19.9	5
20	256QAM	50	24	18.79	18.73	18.72		
20	256QAM	50	50	18.72	18.70	18.72		
20	256QAM	100	0	18.68	18.70	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.65	23.78	23.69	24.9	0
15	QPSK	1	37	23.55	23.62	23.58		
15	QPSK	1	74	23.49	23.57	23.57		
15	QPSK	36	0	22.68	22.69	22.62	23.9	1
15	QPSK	36	20	22.54	22.75	22.61		
15	QPSK	36	39	22.54	22.64	22.60		
15	QPSK	75	0	22.66	22.68	22.62		
15	16QAM	1	0	23.01	22.90	22.80	23.9	1
15	16QAM	1	37	22.91	23.01	22.89		
15	16QAM	1	74	22.77	22.85	22.71		
15	16QAM	36	0	21.60	21.68	21.70	22.9	2
15	16QAM	36	20	21.67	21.70	21.60		
15	16QAM	36	39	21.55	21.61	21.63		
15	16QAM	75	0	21.60	21.59	21.67		
15	64QAM	1	0	21.84	21.82	21.72	22.9	2
15	64QAM	1	37	21.67	21.89	21.80		
15	64QAM	1	74	21.67	21.77	21.62		
15	64QAM	36	0	20.57	20.66	20.63	21.9	3
15	64QAM	36	20	20.61	20.65	20.57		
15	64QAM	36	39	20.55	20.66	20.64		
15	64QAM	75	0	20.64	20.73	20.56		
15	256QAM	1	0	18.76	18.67	18.70	19.9	5
15	256QAM	1	37	18.68	18.67	18.71		
15	256QAM	1	74	18.60	18.59	18.58		
15	256QAM	36	0	18.71	18.55	18.68	19.9	5
15	256QAM	36	20	18.69	18.64	18.60		
15	256QAM	36	39	18.58	18.57	18.59		
15	256QAM	75	0	18.54	18.58	18.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.72	23.74	23.62	24.9	0
10	QPSK	1	25	23.55	23.68	23.64		
10	QPSK	1	49	23.44	23.53	23.55		
10	QPSK	25	0	22.75	22.68	22.70	23.9	1
10	QPSK	25	12	22.55	22.61	22.69		
10	QPSK	25	25	22.59	22.69	22.56		
10	QPSK	50	0	22.65	22.72	22.59		
10	16QAM	1	0	23.07	23.01	22.76	23.9	1
10	16QAM	1	25	22.95	22.89	22.95		
10	16QAM	1	49	22.83	22.73	22.77		
10	16QAM	25	0	21.64	21.66	21.68	22.9	2
10	16QAM	25	12	21.64	21.69	21.68		
10	16QAM	25	25	21.61	21.60	21.63		
10	16QAM	50	0	21.52	21.66	21.57		
10	64QAM	1	0	21.77	21.80	21.67	22.9	2
10	64QAM	1	25	21.76	21.80	21.81		
10	64QAM	1	49	21.68	21.75	21.59		
10	64QAM	25	0	20.61	20.75	20.65	21.9	3
10	64QAM	25	12	20.68	20.73	20.57		
10	64QAM	25	25	20.61	20.61	20.59		
10	64QAM	50	0	20.58	20.74	20.55		
10	256QAM	1	0	18.69	18.68	18.75	19.9	5
10	256QAM	1	25	18.65	18.64	18.72		
10	256QAM	1	49	18.63	18.66	18.61		
10	256QAM	25	0	18.70	18.61	18.66	19.9	5
10	256QAM	25	12	18.70	18.59	18.63		
10	256QAM	25	25	18.64	18.56	18.66		
10	256QAM	50	0	18.56	18.55	18.62		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.66	23.77	23.72	24.9	0
5	QPSK	1	12	23.55	23.76	23.66		
5	QPSK	1	24	23.45	23.64	23.57		
5	QPSK	12	0	22.68	22.70	22.66	23.9	1
5	QPSK	12	7	22.68	22.73	22.69		
5	QPSK	12	13	22.63	22.61	22.61		
5	QPSK	25	0	22.61	22.76	22.61		
5	16QAM	1	0	23.02	23.03	22.80	23.9	1
5	16QAM	1	12	22.92	22.94	22.91		
5	16QAM	1	24	22.72	22.79	22.74		
5	16QAM	12	0	21.57	21.77	21.60	22.9	2
5	16QAM	12	7	21.66	21.67	21.68		
5	16QAM	12	13	21.56	21.73	21.55		
5	16QAM	25	0	21.63	21.60	21.64		
5	64QAM	1	0	21.72	21.73	21.73	22.9	2
5	64QAM	1	12	21.54	21.82	21.94		
5	64QAM	1	24	21.57	21.71	21.66		
5	64QAM	12	0	20.53	20.72	20.62	21.9	3
5	64QAM	12	7	20.62	20.64	20.58		
5	64QAM	12	13	20.57	20.72	20.58		
5	64QAM	25	0	20.56	20.68	20.54		
5	256QAM	1	0	18.66	18.73	18.63	19.9	5
5	256QAM	1	12	18.72	18.57	18.66		
5	256QAM	1	24	18.64	18.66	18.69		
5	256QAM	12	0	18.72	18.64	18.63	19.9	5
5	256QAM	12	7	18.71	18.61	18.57		
5	256QAM	12	13	18.66	18.65	18.58		
5	256QAM	25	0	18.57	18.58	18.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.70	23.78	23.71	24.9	0
3	QPSK	1	8	23.55	23.69	23.59		
3	QPSK	1	14	23.54	23.51	23.55		
3	QPSK	8	0	22.76	22.75	22.72	23.9	1
3	QPSK	8	4	22.54	22.70	22.62		
3	QPSK	8	7	22.59	22.73	22.62		
3	QPSK	15	0	22.59	22.62	22.72		
3	16QAM	1	0	22.97	23.03	22.75	23.9	1
3	16QAM	1	8	22.95	23.00	22.88		
3	16QAM	1	14	22.78	22.74	22.78		
3	16QAM	8	0	21.53	21.74	21.68	22.9	2
3	16QAM	8	4	21.64	21.67	21.70		
3	16QAM	8	7	21.56	21.66	21.66		
3	16QAM	15	0	21.53	21.62	21.57		
3	64QAM	1	0	21.73	21.83	21.74	22.9	2
3	64QAM	1	8	21.78	21.91	21.76		
3	64QAM	1	14	21.67	21.71	21.65		
3	64QAM	8	0	20.64	20.71	20.58	21.9	3
3	64QAM	8	4	20.62	20.61	20.66		
3	64QAM	8	7	20.67	20.69	20.65		
3	64QAM	15	0	20.60	20.72	20.68		
3	256QAM	1	0	18.69	18.80	18.64	19.9	5
3	256QAM	1	8	18.71	18.59	18.60		
3	256QAM	1	14	18.80	18.61	18.70		
3	256QAM	8	0	18.68	18.62	18.61	19.9	5
3	256QAM	8	4	18.78	18.59	18.64		
3	256QAM	8	7	18.59	18.68	18.63		
3	256QAM	15	0	18.53	18.55	18.71		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.70	23.70	23.74	24.9	0
1.4	QPSK	1	3	23.53	23.70	23.53		
1.4	QPSK	1	5	23.44	23.61	23.53		
1.4	QPSK	3	0	23.68	23.70	23.63		
1.4	QPSK	3	1	23.57	23.64	23.58		
1.4	QPSK	3	3	23.43	23.64	23.49		
1.4	QPSK	6	0	22.71	22.68	22.69	23.9	1
1.4	16QAM	1	0	22.67	22.67	22.71	23.9	1
1.4	16QAM	1	3	22.61	22.69	22.68		
1.4	16QAM	1	5	22.59	22.65	22.62		
1.4	16QAM	3	0	22.98	23.03	22.82		
1.4	16QAM	3	1	22.97	22.98	22.84		
1.4	16QAM	3	3	22.76	22.75	22.71		
1.4	16QAM	6	0	21.64	21.74	21.66	22.9	2
1.4	64QAM	1	0	21.62	21.70	21.63	22.9	2
1.4	64QAM	1	3	21.57	21.68	21.59		
1.4	64QAM	1	5	21.65	21.59	21.57		
1.4	64QAM	3	0	21.79	21.79	21.87		
1.4	64QAM	3	1	21.71	21.78	21.83		
1.4	64QAM	3	3	21.69	21.79	21.67		
1.4	64QAM	6	0	20.66	20.72	20.58	21.9	3
1.4	256QAM	1	0	18.71	18.71	18.63	19.9	5
1.4	256QAM	1	3	18.58	18.55	18.70		
1.4	256QAM	1	5	18.50	18.56	18.65		
1.4	256QAM	3	0	18.59	18.62	18.67		
1.4	256QAM	3	1	18.75	18.70	18.71		
1.4	256QAM	3	3	18.64	18.61	18.61		
1.4	256QAM	6	0	18.60	18.62	18.67	19.9	5

Band 38_Ant 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.53	23.56	23.50	24.7	0
20	QPSK	1	49	23.50	23.40	23.47		
20	QPSK	1	99	23.52	23.37	23.39		
20	QPSK	50	0	22.51	22.53	22.48	23.7	1
20	QPSK	50	24	22.48	22.35	22.45		
20	QPSK	50	50	22.46	22.35	22.43		
20	QPSK	100	0	22.50	22.52	22.47		
20	16QAM	1	0	22.51	22.32	22.41	23.7	1
20	16QAM	1	49	22.56	22.45	22.52		
20	16QAM	1	99	22.56	22.40	22.46		
20	16QAM	50	0	21.50	21.32	21.41	22.7	2
20	16QAM	50	24	21.54	21.36	21.44		
20	16QAM	50	50	21.54	21.36	21.46		
20	16QAM	100	0	21.51	21.33	21.41		
20	64QAM	1	0	21.20	21.01	21.10	22.7	2
20	64QAM	1	49	21.32	21.12	21.23		
20	64QAM	1	99	21.28	21.10	21.16		
20	64QAM	50	0	20.47	20.29	20.39	21.7	3
20	64QAM	50	24	20.53	20.34	20.45		
20	64QAM	50	50	20.52	20.34	20.41		
20	64QAM	100	0	20.51	20.31	20.41		
20	256QAM	1	0	18.36	18.38	18.35	19.7	5
20	256QAM	1	49	18.21	18.36	18.25		
20	256QAM	1	99	18.28	18.32	18.23		
20	256QAM	50	0	18.25	18.29	18.20	19.7	5
20	256QAM	50	24	18.35	18.32	18.28		
20	256QAM	50	50	18.28	18.25	18.31		
20	256QAM	100	0	18.21	18.33	18.29		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.45	23.45	23.41	24.7	0
15	QPSK	1	37	23.49	23.31	23.40		
15	QPSK	1	74	23.45	23.33	23.24		
15	QPSK	36	0	22.45	22.45	22.46	23.7	1
15	QPSK	36	20	22.36	22.25	22.32		
15	QPSK	36	39	22.43	22.28	22.39		
15	QPSK	75	0	22.43	22.37	22.37		
15	16QAM	1	0	22.47	22.27	22.29	23.7	1
15	16QAM	1	37	22.48	22.41	22.51		
15	16QAM	1	74	22.48	22.35	22.38		
15	16QAM	36	0	21.38	21.24	21.40	22.7	2
15	16QAM	36	20	21.44	21.21	21.35		
15	16QAM	36	39	21.43	21.29	21.33		
15	16QAM	75	0	21.46	21.27	21.40		
15	64QAM	1	0	21.08	20.93	20.97	22.7	2
15	64QAM	1	37	21.31	21.04	21.10		
15	64QAM	1	74	21.13	21.04	21.15		
15	64QAM	36	0	20.38	20.18	20.30	21.7	3
15	64QAM	36	20	20.46	20.21	20.31		
15	64QAM	36	39	20.44	20.26	20.39		
15	64QAM	75	0	20.47	20.24	20.34		
15	256QAM	1	0	18.25	18.32	18.27	19.7	5
15	256QAM	1	37	18.15	18.30	18.24		
15	256QAM	1	74	18.15	18.27	18.18		
15	256QAM	36	0	18.13	18.26	18.09	19.7	5
15	256QAM	36	20	18.32	18.25	18.24		
15	256QAM	36	39	18.20	18.23	18.27		
15	256QAM	75	0	18.16	18.30	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.43	23.53	23.39	24.7	0
10	QPSK	1	25	23.40	23.28	23.39		
10	QPSK	1	49	23.46	23.23	23.32		
10	QPSK	25	0	22.48	22.43	22.37	23.7	1
10	QPSK	25	12	22.46	22.25	22.42		
10	QPSK	25	25	22.39	22.26	22.35		
10	QPSK	50	0	22.47	22.50	22.42		
10	16QAM	1	0	22.41	22.18	22.31	23.7	1
10	16QAM	1	25	22.42	22.41	22.42		
10	16QAM	1	49	22.42	22.38	22.33		
10	16QAM	25	0	21.48	21.29	21.32	22.7	2
10	16QAM	25	12	21.45	21.31	21.33		
10	16QAM	25	25	21.50	21.26	21.33		
10	16QAM	50	0	21.43	21.30	21.37		
10	64QAM	1	0	21.15	20.87	21.07	22.7	2
10	64QAM	1	25	21.30	21.10	21.17		
10	64QAM	1	49	21.23	20.95	21.13		
10	64QAM	25	0	20.32	20.23	20.24	21.7	3
10	64QAM	25	12	20.41	20.33	20.40		
10	64QAM	25	25	20.51	20.23	20.33		
10	64QAM	50	0	20.46	20.29	20.33		
10	256QAM	1	0	18.27	18.35	18.33	19.7	5
10	256QAM	1	25	18.11	18.21	18.21		
10	256QAM	1	49	18.18	18.21	18.08		
10	256QAM	25	0	18.12	18.25	18.18	19.7	5
10	256QAM	25	12	18.25	18.17	18.23		
10	256QAM	25	25	18.13	18.18	18.24		
10	256QAM	50	0	18.20	18.20	18.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.46	23.50	23.40	24.7	0
5	QPSK	1	12	23.47	23.26	23.45		
5	QPSK	1	24	23.38	23.29	23.36		
5	QPSK	12	0	22.39	22.49	22.47	23.7	1
5	QPSK	12	7	22.37	22.32	22.42		
5	QPSK	12	13	22.40	22.34	22.29		
5	QPSK	25	0	22.45	22.38	22.32		
5	16QAM	1	0	22.38	22.26	22.32	23.7	1
5	16QAM	1	12	22.43	22.36	22.47		
5	16QAM	1	24	22.53	22.28	22.41		
5	16QAM	12	0	21.37	21.24	21.29	22.7	2
5	16QAM	12	7	21.50	21.26	21.30		
5	16QAM	12	13	21.39	21.30	21.31		
5	16QAM	25	0	21.36	21.27	21.29		
5	64QAM	1	0	21.17	20.98	21.03	22.7	2
5	64QAM	1	12	21.23	21.07	21.21		
5	64QAM	1	24	21.26	21.07	21.07		
5	64QAM	12	0	20.40	20.28	20.36	21.7	3
5	64QAM	12	7	20.49	20.27	20.42		
5	64QAM	12	13	20.47	20.32	20.38		
5	64QAM	25	0	20.45	20.22	20.36		
5	256QAM	1	0	18.22	18.35	18.33	19.7	5
5	256QAM	1	12	18.08	18.27	18.22		
5	256QAM	1	24	18.20	18.18	18.22		
5	256QAM	12	0	18.16	18.14	18.18	19.7	5
5	256QAM	12	7	18.34	18.26	18.15		
5	256QAM	12	13	18.15	18.17	18.22		
5	256QAM	25	0	18.14	18.29	18.25		

Band 38_Ant 31

BW [MHz]	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	23.31	23.36	23.24	24.5	0
20	QPSK	1	49	23.30	23.03	23.21		
20	QPSK	1	99	23.21	23.10	23.10		
20	QPSK	50	0	22.30	22.35	22.23	23.5	1
20	QPSK	50	24	22.27	22.01	22.09		
20	QPSK	50	50	22.28	22.11	22.07		
20	QPSK	100	0	22.28	22.31	22.21		
20	16QAM	1	0	22.20	22.06	22.14	23.5	1
20	16QAM	1	49	22.32	22.08	22.18		
20	16QAM	1	99	22.26	22.06	22.17		
20	16QAM	50	0	21.24	20.97	21.06	22.5	2
20	16QAM	50	24	21.28	21.11	21.17		
20	16QAM	50	50	21.23	21.08	21.16		
20	16QAM	100	0	21.22	21.03	21.10		
20	64QAM	1	0	20.97	20.69	20.76	22.5	2
20	64QAM	1	49	21.05	20.90	20.89		
20	64QAM	1	99	20.99	20.76	20.85		
20	64QAM	50	0	20.18	20.00	20.06	21.5	3
20	64QAM	50	24	20.26	20.04	20.17		
20	64QAM	50	50	20.20	20.02	20.11		
20	64QAM	100	0	20.19	19.99	20.05		
20	256QAM	1	0	18.07	18.08	18.05	19.5	5
20	256QAM	1	49	17.97	17.98	18.00		
20	256QAM	1	99	17.98	18.01	18.03		
20	256QAM	50	0	18.04	18.06	18.02	19.5	5
20	256QAM	50	24	17.98	18.06	17.93		
20	256QAM	50	50	17.97	18.04	17.93		
20	256QAM	100	0	18.02	17.94	17.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.20	23.30	23.11	24.5	0
15	QPSK	1	37	23.22	23.02	23.07		
15	QPSK	1	74	23.16	23.09	23.00		
15	QPSK	36	0	22.24	22.34	22.21	23.5	1
15	QPSK	36	20	22.25	21.96	22.05		
15	QPSK	36	39	22.15	22.00	21.97		
15	QPSK	75	0	22.20	22.21	22.09		
15	16QAM	1	0	22.14	22.02	22.10	23.5	1
15	16QAM	1	37	22.26	22.02	22.06		
15	16QAM	1	74	22.20	21.99	22.03		
15	16QAM	36	0	21.11	20.82	20.99	22.5	2
15	16QAM	36	20	21.15	20.99	21.13		
15	16QAM	36	39	21.09	21.03	21.03		
15	16QAM	75	0	21.21	20.97	21.03		
15	64QAM	1	0	20.88	20.59	20.61	22.5	2
15	64QAM	1	37	20.94	20.84	20.76		
15	64QAM	1	74	20.89	20.71	20.71		
15	64QAM	36	0	20.15	19.92	19.93	21.5	3
15	64QAM	36	20	20.23	19.91	20.14		
15	64QAM	36	39	20.13	19.97	20.01		
15	64QAM	75	0	20.14	19.93	19.93		
15	256QAM	1	0	17.93	17.95	17.97	19.5	5
15	256QAM	1	37	17.89	17.88	17.85		
15	256QAM	1	74	17.86	17.96	17.88		
15	256QAM	36	0	17.98	18.00	17.97	19.5	5
15	256QAM	36	20	17.87	17.96	17.88		
15	256QAM	36	39	17.96	17.89	17.89		
15	256QAM	75	0	17.95	17.83	17.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.16	23.28	23.13	24.5	0
10	QPSK	1	25	23.19	23.00	23.17		
10	QPSK	1	49	23.16	22.98	23.02		
10	QPSK	25	0	22.26	22.25	22.20	23.5	1
10	QPSK	25	12	22.15	21.97	22.04		
10	QPSK	25	25	22.20	22.09	22.06		
10	QPSK	50	0	22.25	22.24	22.18		
10	16QAM	1	0	22.12	21.91	22.13	23.5	1
10	16QAM	1	25	22.17	21.93	22.17		
10	16QAM	1	49	22.11	21.98	22.13		
10	16QAM	25	0	21.09	20.93	21.02	22.5	2
10	16QAM	25	12	21.20	21.02	21.06		
10	16QAM	25	25	21.13	21.05	21.04		
10	16QAM	50	0	21.17	20.99	20.95		
10	64QAM	1	0	20.88	20.54	20.66	22.5	2
10	64QAM	1	25	20.94	20.78	20.78		
10	64QAM	1	49	20.90	20.74	20.73		
10	64QAM	25	0	20.12	19.89	20.03	21.5	3
10	64QAM	25	12	20.23	19.94	20.10		
10	64QAM	25	25	20.13	19.91	19.99		
10	64QAM	50	0	20.09	19.92	20.01		
10	256QAM	1	0	17.96	18.02	18.00	19.5	5
10	256QAM	1	25	17.91	17.92	17.96		
10	256QAM	1	49	17.83	17.94	17.91		
10	256QAM	25	0	17.90	17.99	17.91	19.5	5
10	256QAM	25	12	17.90	18.01	17.80		
10	256QAM	25	25	17.82	17.97	17.81		
10	256QAM	50	0	17.98	17.90	17.97		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.24	23.34	23.15	24.5	0
5	QPSK	1	12	23.24	23.00	23.19		
5	QPSK	1	24	23.16	23.08	23.07		
5	QPSK	12	0	22.22	22.22	22.18	23.5	1
5	QPSK	12	7	22.20	21.88	22.07		
5	QPSK	12	13	22.19	22.07	21.96		
5	QPSK	25	0	22.15	22.19	22.18		
5	16QAM	1	0	22.09	21.98	22.12	23.5	1
5	16QAM	1	12	22.25	21.96	22.11		
5	16QAM	1	24	22.22	21.97	22.06		
5	16QAM	12	0	21.19	20.87	21.02	22.5	2
5	16QAM	12	7	21.18	20.99	21.05		
5	16QAM	12	13	21.10	21.00	21.04		
5	16QAM	25	0	21.14	20.99	20.95		
5	64QAM	1	0	20.83	20.62	20.61	22.5	2
5	64QAM	1	12	21.02	20.89	20.79		
5	64QAM	1	24	20.94	20.68	20.81		
5	64QAM	12	0	20.03	19.99	19.96	21.5	3
5	64QAM	12	7	20.23	19.99	20.12		
5	64QAM	12	13	20.08	19.93	20.08		
5	64QAM	25	0	20.12	19.88	19.95		
5	256QAM	1	0	17.96	18.02	18.04	19.5	5
5	256QAM	1	12	17.85	17.87	17.88		
5	256QAM	1	24	17.93	17.89	17.88		
5	256QAM	12	0	17.96	18.03	17.94	19.5	5
5	256QAM	12	7	17.95	18.02	17.84		
5	256QAM	12	13	17.83	18.02	17.90		
5	256QAM	25	0	17.87	17.93	17.97		

Band 38_Ant 11

BW [MHz]	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	23.23	23.26	23.15	24.5	0
20	QPSK	1	49	23.21	22.96	22.97		
20	QPSK	1	99	23.12	22.87	22.91		
20	QPSK	50	0	22.18	22.23	22.11	23.5	1
20	QPSK	50	24	22.15	21.90	21.94		
20	QPSK	50	50	22.13	21.86	21.89		
20	QPSK	100	0	22.11	22.20	21.90		
20	16QAM	1	0	22.13	21.87	21.89	23.5	1
20	16QAM	1	49	22.21	21.91	21.96		
20	16QAM	1	99	22.12	21.87	21.91		
20	16QAM	50	0	21.24	20.96	20.98	22.5	2
20	16QAM	50	24	21.26	21.00	21.03		
20	16QAM	50	50	21.23	20.98	21.02		
20	16QAM	100	0	21.21	20.95	20.98		
20	64QAM	1	0	20.96	20.67	20.69	22.5	2
20	64QAM	1	49	21.02	20.77	20.78		
20	64QAM	1	99	20.92	20.70	20.73		
20	64QAM	50	0	20.22	19.96	19.97	21.5	3
20	64QAM	50	24	20.24	19.99	20.00		
20	64QAM	50	50	20.21	19.97	19.97		
20	64QAM	100	0	20.21	19.95	19.97		
20	256QAM	1	0	18.08	18.10	18.06	19.5	5
20	256QAM	1	49	18.06	18.02	18.01		
20	256QAM	1	99	17.98	17.95	18.00		
20	256QAM	50	0	17.98	18.08	17.98	19.5	5
20	256QAM	50	24	18.01	18.01	17.97		
20	256QAM	50	50	17.94	18.00	18.05		
20	256QAM	100	0	17.97	18.06	18.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.21	23.12	23.06	24.5	0
15	QPSK	1	37	23.10	22.82	22.89		
15	QPSK	1	74	22.98	22.74	22.82		
15	QPSK	36	0	22.17	22.21	22.04	23.5	1
15	QPSK	36	20	22.05	21.78	21.82		
15	QPSK	36	39	22.06	21.75	21.87		
15	QPSK	75	0	21.96	22.11	21.75		
15	16QAM	1	0	22.10	21.81	21.79	23.5	1
15	16QAM	1	37	22.14	21.80	21.90		
15	16QAM	1	74	21.97	21.79	21.78		
15	16QAM	36	0	21.09	20.92	20.90	22.5	2
15	16QAM	36	20	21.15	20.96	20.89		
15	16QAM	36	39	21.20	20.89	20.96		
15	16QAM	75	0	21.19	20.84	20.87		
15	64QAM	1	0	20.90	20.65	20.60	22.5	2
15	64QAM	1	37	20.93	20.71	20.63		
15	64QAM	1	74	20.90	20.57	20.68		
15	64QAM	36	0	20.21	19.94	19.86	21.5	3
15	64QAM	36	20	20.13	19.97	19.88		
15	64QAM	36	39	20.20	19.93	19.85		
15	64QAM	75	0	20.14	19.83	19.93		
15	256QAM	1	0	18.04	18.08	17.91	19.5	5
15	256QAM	1	37	17.96	17.87	18.00		
15	256QAM	1	74	17.94	17.91	17.92		
15	256QAM	36	0	17.85	18.07	17.83	19.5	5
15	256QAM	36	20	17.90	17.87	17.82		
15	256QAM	36	39	17.89	17.95	17.95		
15	256QAM	75	0	17.85	18.04	17.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.16	23.18	23.00	24.5	0
10	QPSK	1	25	23.09	22.95	22.85		
10	QPSK	1	49	23.00	22.83	22.80		
10	QPSK	25	0	22.08	22.21	21.96	23.5	1
10	QPSK	25	12	22.03	21.80	21.89		
10	QPSK	25	25	22.03	21.74	21.76		
10	QPSK	50	0	22.03	22.15	21.81		
10	16QAM	1	0	22.00	21.82	21.84	23.5	1
10	16QAM	1	25	22.07	21.78	21.85		
10	16QAM	1	49	22.08	21.72	21.83		
10	16QAM	25	0	21.22	20.81	20.86	22.5	2
10	16QAM	25	12	21.15	20.85	20.88		
10	16QAM	25	25	21.20	20.97	20.97		
10	16QAM	50	0	21.20	20.90	20.95		
10	64QAM	1	0	20.84	20.61	20.59	22.5	2
10	64QAM	1	25	20.99	20.69	20.76		
10	64QAM	1	49	20.78	20.59	20.64		
10	64QAM	25	0	20.10	19.84	19.92	21.5	3
10	64QAM	25	12	20.10	19.97	19.99		
10	64QAM	25	25	20.06	19.92	19.85		
10	64QAM	50	0	20.07	19.92	19.86		
10	256QAM	1	0	18.01	18.02	17.92	19.5	5
10	256QAM	1	25	18.00	17.91	17.98		
10	256QAM	1	49	17.96	17.91	17.91		
10	256QAM	25	0	17.89	18.05	17.92	19.5	5
10	256QAM	25	12	17.90	17.94	17.96		
10	256QAM	25	25	17.83	17.87	17.95		
10	256QAM	50	0	17.88	18.01	17.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.14	23.21	23.00	24.5	0
5	QPSK	1	12	23.18	22.85	22.96		
5	QPSK	1	24	22.99	22.76	22.88		
5	QPSK	12	0	22.07	22.21	22.00	23.5	1
5	QPSK	12	7	22.06	21.89	21.89		
5	QPSK	12	13	22.11	21.80	21.86		
5	QPSK	25	0	22.03	22.13	21.85		
5	16QAM	1	0	22.12	21.85	21.84	23.5	1
5	16QAM	1	12	22.12	21.84	21.92		
5	16QAM	1	24	22.05	21.86	21.82		
5	16QAM	12	0	21.13	20.93	20.96	22.5	2
5	16QAM	12	7	21.20	20.89	20.94		
5	16QAM	12	13	21.22	20.89	20.91		
5	16QAM	25	0	21.10	20.91	20.86		
5	64QAM	1	0	20.93	20.60	20.55	22.5	2
5	64QAM	1	12	20.93	20.64	20.65		
5	64QAM	1	24	20.87	20.64	20.66		
5	64QAM	12	0	20.13	19.90	19.87	21.5	3
5	64QAM	12	7	20.12	19.92	19.99		
5	64QAM	12	13	20.18	19.93	19.95		
5	64QAM	25	0	20.14	19.92	19.91		
5	256QAM	1	0	18.04	18.02	17.93	19.5	5
5	256QAM	1	12	17.96	17.89	17.97		
5	256QAM	1	24	17.92	17.92	17.91		
5	256QAM	12	0	17.84	17.98	17.87	19.5	5
5	256QAM	12	7	17.99	17.97	17.87		
5	256QAM	12	13	17.81	17.88	17.90		
5	256QAM	25	0	17.88	18.05	17.85		

Band 41_Ant 13

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	23.67	23.95	23.93	23.82	23.88	25	0
20	QPSK	1	49	23.61	23.82	23.84	23.75	23.87		
20	QPSK	1	99	23.41	23.66	23.91	23.80	23.74		
20	QPSK	50	0	22.68	22.93	22.92	22.80	22.85	24	1
20	QPSK	50	24	22.60	22.75	22.87	22.71	22.84		
20	QPSK	50	50	22.64	22.67	22.85	22.79	22.71		
20	QPSK	100	0	22.65	22.90	22.89	22.78	22.83		
20	16QAM	1	0	22.48	22.69	22.72	22.73	22.80	24	1
20	16QAM	1	49	22.65	22.77	22.82	22.90	22.81		
20	16QAM	1	99	22.54	22.71	22.84	22.70	22.79		
20	16QAM	50	0	21.55	21.68	21.84	21.78	21.75	23	2
20	16QAM	50	24	21.58	21.74	21.79	21.81	21.86		
20	16QAM	50	50	21.64	21.67	21.79	21.68	21.80		
20	16QAM	100	0	21.57	21.70	21.83	21.72	21.72		
20	64QAM	1	0	21.30	21.42	21.38	21.49	21.49	23	2
20	64QAM	1	49	21.45	21.42	21.54	21.50	21.47		
20	64QAM	1	99	21.25	21.49	21.52	21.42	21.41		
20	64QAM	50	0	20.55	20.62	20.84	20.75	20.79	22	3
20	64QAM	50	24	20.56	20.66	20.84	20.78	20.78		
20	64QAM	50	50	20.56	20.71	20.83	20.68	20.78		
20	64QAM	100	0	20.59	20.72	20.77	20.71	20.76		
20	256QAM	1	0	18.68	18.93	18.92	18.80	18.85	20	5
20	256QAM	1	49	18.64	18.78	18.80	18.69	18.75		
20	256QAM	1	99	18.63	18.82	18.80	18.71	18.78		
20	256QAM	50	0	18.54	18.78	18.91	18.67	18.79	20	5
20	256QAM	50	24	18.62	18.88	18.80	18.70	18.80		
20	256QAM	50	50	18.60	18.90	18.84	18.73	18.77		
20	256QAM	100	0	18.54	18.87	18.85	18.78	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	23.60	23.87	23.81	23.76	23.75	25	0
15	QPSK	1	37	23.57	23.80	23.70	23.60	23.72		
15	QPSK	1	74	23.34	23.84	23.54	23.76	23.59		
15	QPSK	36	0	22.61	22.84	22.92	22.72	22.79	24	1
15	QPSK	36	20	22.45	22.72	22.67	22.68	22.70		
15	QPSK	36	39	22.50	22.82	22.62	22.78	22.64		
15	QPSK	75	0	22.60	22.88	22.86	22.68	22.72		
15	16QAM	1	0	22.46	22.63	22.61	22.69	22.65	24	1
15	16QAM	1	37	22.51	22.77	22.70	22.86	22.75		
15	16QAM	1	74	22.46	22.82	22.65	22.59	22.70		
15	16QAM	36	0	21.53	21.76	21.62	21.76	21.64	23	2
15	16QAM	36	20	21.47	21.66	21.66	21.79	21.84		
15	16QAM	36	39	21.57	21.74	21.62	21.58	21.72		
15	16QAM	75	0	21.51	21.71	21.55	21.57	21.59		
15	64QAM	1	0	21.29	21.27	21.32	21.42	21.48	23	2
15	64QAM	1	37	21.37	21.40	21.38	21.35	21.39		
15	64QAM	1	74	21.20	21.49	21.41	21.37	21.29		
15	64QAM	36	0	20.49	20.70	20.58	20.73	20.68	22	3
15	64QAM	36	20	20.55	20.79	20.65	20.64	20.72		
15	64QAM	36	39	20.50	20.78	20.66	20.53	20.68		
15	64QAM	75	0	20.50	20.66	20.61	20.70	20.73		
15	256QAM	1	0	18.64	18.87	18.83	18.76	18.77	20	5
15	256QAM	1	37	18.54	18.73	18.75	18.67	18.74		
15	256QAM	1	74	18.53	18.65	18.73	18.70	18.66		
15	256QAM	36	0	18.45	18.85	18.65	18.55	18.71	20	5
15	256QAM	36	20	18.60	18.69	18.82	18.67	18.67		
15	256QAM	36	39	18.50	18.72	18.89	18.64	18.62		
15	256QAM	75	0	18.47	18.74	18.86	18.67	18.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.52	23.83	23.80	23.79	23.79	25	0
10	QPSK	1	25	23.56	23.83	23.70	23.72	23.82		
10	QPSK	1	49	23.30	23.90	23.57	23.68	23.71		
10	QPSK	25	0	22.64	22.87	22.78	22.70	22.82	24	1
10	QPSK	25	12	22.47	22.81	22.67	22.58	22.79		
10	QPSK	25	25	22.58	22.70	22.65	22.72	22.64		
10	QPSK	50	0	22.62	22.79	22.79	22.67	22.71		
10	16QAM	1	0	22.47	22.61	22.58	22.63	22.66	24	1
10	16QAM	1	25	22.55	22.75	22.71	22.79	22.79		
10	16QAM	1	49	22.40	22.70	22.62	22.69	22.64		
10	16QAM	25	0	21.53	21.73	21.59	21.63	21.72	23	2
10	16QAM	25	12	21.54	21.69	21.71	21.77	21.83		
10	16QAM	25	25	21.49	21.72	21.64	21.67	21.76		
10	16QAM	50	0	21.55	21.82	21.66	21.67	21.63		
10	64QAM	1	0	21.22	21.25	21.32	21.43	21.46	23	2
10	64QAM	1	25	21.40	21.40	21.28	21.48	21.32		
10	64QAM	1	49	21.10	21.45	21.44	21.27	21.38		
10	64QAM	25	0	20.53	20.71	20.54	20.63	20.77	22	3
10	64QAM	25	12	20.55	20.83	20.56	20.70	20.75		
10	64QAM	25	25	20.43	20.69	20.69	20.67	20.75		
10	64QAM	50	0	20.46	20.73	20.69	20.56	20.66		
10	256QAM	1	0	18.57	18.82	18.88	18.75	18.84	20	5
10	256QAM	1	25	18.56	18.71	18.71	18.56	18.70		
10	256QAM	1	49	18.61	18.72	18.67	18.57	18.77		
10	256QAM	25	0	18.46	18.77	18.64	18.57	18.70	20	5
10	256QAM	25	12	18.52	18.77	18.78	18.62	18.75		
10	256QAM	25	25	18.52	18.79	18.83	18.67	18.64		
10	256QAM	50	0	18.49	18.71	18.72	18.72	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	23.64	23.79	23.84	23.71	23.74	25	0
5	QPSK	1	12	23.52	23.72	23.79	23.60	23.76		
5	QPSK	1	24	23.37	23.88	23.57	23.66	23.72		
5	QPSK	12	0	22.64	22.90	22.83	22.78	22.75	24	1
5	QPSK	12	7	22.50	22.86	22.68	22.69	22.76		
5	QPSK	12	13	22.51	22.74	22.62	22.66	22.56		
5	QPSK	25	0	22.54	22.75	22.82	22.63	22.79		
5	16QAM	1	0	22.37	22.71	22.55	22.65	22.65	24	1
5	16QAM	1	12	22.55	22.73	22.67	22.89	22.69		
5	16QAM	1	24	22.49	22.70	22.64	22.62	22.73		
5	16QAM	12	0	21.44	21.80	21.57	21.63	21.61	23	2
5	16QAM	12	7	21.52	21.77	21.72	21.66	21.78		
5	16QAM	12	13	21.58	21.70	21.56	21.60	21.74		
5	16QAM	25	0	21.42	21.81	21.65	21.57	21.69		
5	64QAM	1	0	21.18	21.28	21.27	21.37	21.45	23	2
5	64QAM	1	12	21.31	21.53	21.34	21.38	21.46		
5	64QAM	1	24	21.23	21.40	21.41	21.35	21.26		
5	64QAM	12	0	20.43	20.75	20.56	20.69	20.70	22	3
5	64QAM	12	7	20.50	20.76	20.52	20.67	20.74		
5	64QAM	12	13	20.53	20.80	20.57	20.61	20.75		
5	64QAM	25	0	20.56	20.62	20.63	20.63	20.70		
5	256QAM	1	0	18.57	18.82	18.88	18.77	18.71	20	5
5	256QAM	1	12	18.53	18.66	18.77	18.65	18.65		
5	256QAM	1	24	18.50	18.68	18.76	18.60	18.75		
5	256QAM	12	0	18.47	18.88	18.64	18.64	18.74	20	5
5	256QAM	12	7	18.53	18.76	18.73	18.67	18.71		
5	256QAM	12	13	18.56	18.81	18.79	18.70	18.73		
5	256QAM	25	0	18.44	18.81	18.76	18.64	18.74		

Band 41_Ant 31

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	23.90	24.05	23.83	23.87	24.00	25	0
20	QPSK	1	49	23.87	24.04	23.80	23.84	23.88		
20	QPSK	1	99	23.86	23.93	23.66	23.85	23.59		
20	QPSK	50	0	22.90	23.06	22.81	22.90	22.95	24	1
20	QPSK	50	24	22.85	23.00	22.72	22.89	22.81		
20	QPSK	50	50	22.85	22.99	22.76	22.85	22.77		
20	QPSK	100	0	22.87	22.98	22.78	22.86	22.85		
20	16QAM	1	0	22.84	22.86	22.59	22.79	22.79	24	1
20	16QAM	1	49	22.90	23.00	22.70	22.80	22.79		
20	16QAM	1	99	22.76	22.96	22.74	22.80	22.79		
20	16QAM	50	0	21.84	21.99	21.64	21.79	21.89	23	2
20	16QAM	50	24	21.86	21.97	21.73	21.82	21.88		
20	16QAM	50	50	21.85	21.96	21.78	21.88	21.78		
20	16QAM	100	0	21.84	21.94	21.72	21.86	21.76		
20	64QAM	1	0	21.52	21.56	21.31	21.47	21.46	23	2
20	64QAM	1	49	21.66	21.73	21.42	21.65	21.71		
20	64QAM	1	99	21.60	21.68	21.52	21.55	21.46		
20	64QAM	50	0	20.79	20.93	20.62	20.78	20.81	22	3
20	64QAM	50	24	20.79	20.94	20.66	20.80	20.78		
20	64QAM	50	50	20.85	20.96	20.68	20.82	20.74		
20	64QAM	100	0	20.84	20.93	20.71	20.82	20.75		
20	256QAM	1	0	18.90	19.06	18.81	18.90	18.95	20	5
20	256QAM	1	49	18.80	19.02	18.72	18.76	18.81		
20	256QAM	1	99	18.77	18.93	18.80	18.88	18.88		
20	256QAM	50	0	18.81	19.03	18.70	18.79	18.90	20	5
20	256QAM	50	24	18.88	19.01	18.69	18.89	18.93		
20	256QAM	50	50	18.80	19.05	18.76	18.84	18.86		
20	256QAM	100	0	18.83	18.92	18.72	18.77	18.84		
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	23.79	23.96	23.82	23.84	23.97	25	0
15	QPSK	1	37	23.81	23.95	23.74	23.81	23.79		
15	QPSK	1	74	23.84	23.79	23.51	23.73	23.52		
15	QPSK	36	0	22.81	23.04	22.74	22.89	22.82	24	1
15	QPSK	36	20	22.81	22.91	22.70	22.83	22.79		
15	QPSK	36	39	22.75	22.93	22.62	22.78	22.64		
15	QPSK	75	0	22.81	22.91	22.65	22.77	22.82		
15	16QAM	1	0	22.80	22.71	22.46	22.74	22.70	24	1
15	16QAM	1	37	22.85	22.86	22.56	22.69	22.64		
15	16QAM	1	74	22.61	22.89	22.60	22.70	22.67		
15	16QAM	36	0	21.82	21.84	21.57	21.69	21.82	23	2
15	16QAM	36	20	21.78	21.95	21.64	21.69	21.87		
15	16QAM	36	39	21.73	21.93	21.69	21.74	21.67		
15	16QAM	75	0	21.83	21.91	21.63	21.78	21.64		
15	64QAM	1	0	21.46	21.49	21.30	21.37	21.36	23	2
15	64QAM	1	37	21.59	21.60	21.33	21.63	21.56		
15	64QAM	1	74	21.53	21.66	21.44	21.52	21.45		
15	64QAM	36	0	20.67	20.86	20.59	20.77	20.68	22	3
15	64QAM	36	20	20.71	20.80	20.64	20.70	20.75		
15	64QAM	36	39	20.80	20.82	20.53	20.81	20.67		
15	64QAM	75	0	20.78	20.88	20.64	20.74	20.70		
15	256QAM	1	0	18.75	19.02	18.72	18.75	18.80	20	5
15	256QAM	1	37	18.79	19.01	18.60	18.64	18.77		
15	256QAM	1	74	18.72	18.90	18.74	18.80	18.76		
15	256QAM	36	0	18.72	18.90	18.65	18.64	18.85	20	5
15	256QAM	36	20	18.75	18.92	18.61	18.83	18.91		
15	256QAM	36	39	18.66	18.96	18.73	18.81	18.84		
15	256QAM	75	0	18.72	18.89	18.59	18.69	18.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.82	24.02	23.78	23.83	23.86	25	0
10	QPSK	1	25	23.76	24.01	23.69	23.81	23.85		
10	QPSK	1	49	23.82	23.92	23.60	23.80	23.48		
10	QPSK	25	0	22.75	23.02	22.77	22.77	22.92	24	1
10	QPSK	25	12	22.80	22.96	22.69	22.76	22.71		
10	QPSK	25	25	22.70	22.97	22.72	22.73	22.75		
10	QPSK	50	0	22.75	22.89	22.76	22.71	22.83		
10	16QAM	1	0	22.82	22.82	22.53	22.65	22.78	24	1
10	16QAM	1	25	22.77	22.89	22.58	22.74	22.66		
10	16QAM	1	49	22.66	22.95	22.59	22.70	22.71		
10	16QAM	25	0	21.81	21.89	21.63	21.70	21.78	23	2
10	16QAM	25	12	21.72	21.96	21.71	21.76	21.84		
10	16QAM	25	25	21.78	21.90	21.72	21.83	21.73		
10	16QAM	50	0	21.70	21.88	21.59	21.79	21.74		
10	64QAM	1	0	21.39	21.51	21.22	21.45	21.40	23	2
10	64QAM	1	25	21.65	21.69	21.39	21.59	21.68		
10	64QAM	1	49	21.45	21.65	21.45	21.52	21.34		
10	64QAM	25	0	20.77	20.91	20.58	20.77	20.68	22	3
10	64QAM	25	12	20.70	20.79	20.64	20.69	20.71		
10	64QAM	25	25	20.81	20.87	20.56	20.81	20.73		
10	64QAM	50	0	20.81	20.80	20.57	20.71	20.64		
10	256QAM	1	0	18.77	18.98	18.77	18.83	18.82	20	5
10	256QAM	1	25	18.69	18.93	18.67	18.73	18.79		
10	256QAM	1	49	18.69	18.83	18.73	18.83	18.86		
10	256QAM	25	0	18.71	18.90	18.59	18.74	18.88	20	5
10	256QAM	25	12	18.77	18.91	18.67	18.74	18.79		
10	256QAM	25	25	18.76	18.96	18.69	18.80	18.73		
10	256QAM	50	0	18.70	18.88	18.66	18.65	18.71		
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	23.89	23.90	23.78	23.73	23.95	25	0
5	QPSK	1	12	23.84	23.90	23.72	23.81	23.77		
5	QPSK	1	24	23.75	23.85	23.63	23.74	23.48		
5	QPSK	12	0	22.89	22.93	22.74	22.88	22.80	24	1
5	QPSK	12	7	22.83	22.93	22.62	22.85	22.69		
5	QPSK	12	13	22.82	22.87	22.67	22.76	22.76		
5	QPSK	25	0	22.85	22.95	22.76	22.84	22.84		
5	16QAM	1	0	22.69	22.79	22.58	22.73	22.78	24	1
5	16QAM	1	12	22.84	22.98	22.55	22.75	22.77		
5	16QAM	1	24	22.62	22.89	22.61	22.65	22.64		
5	16QAM	12	0	21.78	21.92	21.60	21.66	21.76	23	2
5	16QAM	12	7	21.74	21.85	21.57	21.61	21.67		
5	16QAM	12	13	21.74	21.88	21.67	21.79	21.70		
5	16QAM	25	0	21.79	21.88	21.69	21.71	21.63		
5	64QAM	1	0	21.37	21.44	21.24	21.43	21.31	23	2
5	64QAM	1	12	21.54	21.71	21.39	21.60	21.62		
5	64QAM	1	24	21.56	21.64	21.37	21.40	21.33		
5	64QAM	12	0	20.74	20.80	20.57	20.76	20.70	22	3
5	64QAM	12	7	20.75	20.82	20.58	20.75	20.65		
5	64QAM	12	13	20.79	20.85	20.61	20.75	20.69		
5	64QAM	25	0	20.83	20.91	20.69	20.80	20.69		
5	256QAM	1	0	18.76	18.96	18.71	18.78	18.88	20	5
5	256QAM	1	12	18.71	18.98	18.68	18.68	18.78		
5	256QAM	1	24	18.76	18.88	18.66	18.77	18.75		
5	256QAM	12	0	18.67	18.98	18.64	18.77	18.77	20	5
5	256QAM	12	7	18.86	18.92	18.67	18.84	18.78		
5	256QAM	12	13	18.75	18.93	18.62	18.73	18.80		
5	256QAM	25	0	18.76	18.77	18.61	18.65	18.83		

Band 41_Ant 11

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	23.78	24.00	23.50	23.56	23.70	25	0
20	QPSK	1	49	23.75	23.97	23.49	23.54	23.65		
20	QPSK	1	99	23.70	23.84	23.46	23.52	23.58		
20	QPSK	50	0	22.79	22.97	22.48	22.62	22.70	24	1
20	QPSK	50	24	22.73	22.88	22.45	22.60	22.67		
20	QPSK	50	50	22.75	22.86	22.43	22.58	22.60		
20	QPSK	100	0	22.75	22.93	22.47	22.59	22.67		
20	16QAM	1	0	22.67	22.83	22.43	22.49	22.62	24	1
20	16QAM	1	49	22.77	22.93	22.51	22.58	22.62		
20	16QAM	1	99	22.69	22.84	22.44	22.56	22.54		
20	16QAM	50	0	21.72	21.89	21.44	21.56	21.67	23	2
20	16QAM	50	24	21.75	21.89	21.47	21.60	21.68		
20	16QAM	50	50	21.74	21.86	21.48	21.56	21.59		
20	16QAM	100	0	21.72	21.85	21.46	21.54	21.61		
20	64QAM	1	0	21.42	21.55	21.16	21.17	21.32	23	2
20	64QAM	1	49	21.50	21.70	21.23	21.28	21.38		
20	64QAM	1	99	21.46	21.58	21.16	21.29	21.26		
20	64QAM	50	0	20.68	20.85	20.43	20.56	20.63	22	3
20	64QAM	50	24	20.72	20.86	20.44	20.59	20.65		
20	64QAM	50	50	20.71	20.84	20.46	20.56	20.58		
20	64QAM	100	0	20.69	20.84	20.46	20.53	20.62		
20	256QAM	1	0	18.79	18.97	18.48	18.62	18.70	20	5
20	256QAM	1	49	18.76	18.91	18.41	18.50	18.63		
20	256QAM	1	99	18.73	18.96	18.41	18.57	18.56		
20	256QAM	50	0	18.69	18.82	18.34	18.56	18.57	20	5
20	256QAM	50	24	18.73	18.94	18.46	18.57	18.60		
20	256QAM	50	50	18.74	18.90	18.46	18.55	18.67		
20	256QAM	100	0	18.64	18.94	18.33	18.53	18.64		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.67	23.90	23.39	23.51	23.57	25	0
15	QPSK	1	37	23.60	23.90	23.48	23.50	23.58		
15	QPSK	1	74	23.58	23.69	23.31	23.41	23.55		
15	QPSK	36	0	22.69	22.82	22.33	22.59	22.55	24	1
15	QPSK	36	20	22.58	22.73	22.30	22.48	22.63		
15	QPSK	36	39	22.67	22.75	22.38	22.44	22.48		
15	QPSK	75	0	22.66	22.87	22.33	22.54	22.52		
15	16QAM	1	0	22.65	22.74	22.33	22.41	22.54	24	1
15	16QAM	1	37	22.70	22.92	22.45	22.57	22.54		
15	16QAM	1	74	22.61	22.83	22.35	22.55	22.45		
15	16QAM	36	0	21.65	21.74	21.40	21.43	21.63	23	2
15	16QAM	36	20	21.72	21.74	21.45	21.50	21.54		
15	16QAM	36	39	21.60	21.81	21.47	21.49	21.50		
15	16QAM	75	0	21.59	21.74	21.41	21.47	21.57		
15	64QAM	1	0	21.28	21.54	21.04	21.11	21.17	23	2
15	64QAM	1	37	21.38	21.61	21.19	21.18	21.30		
15	64QAM	1	74	21.36	21.57	21.07	21.26	21.18		
15	64QAM	36	0	20.57	20.80	20.34	20.43	20.61	22	3
15	64QAM	36	20	20.61	20.76	20.33	20.48	20.57		
15	64QAM	36	39

Band 42 Part27Q_Ant 11

BW [MHz]	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	23.28	23.31	23.29	23.7	0
20	QPSK	1	49	23.20	23.24	23.23		
20	QPSK	1	99	23.25	23.28	23.28		
20	QPSK	50	0	22.19	22.23	22.20	22.7	1
20	QPSK	50	24	22.16	22.22	22.19		
20	QPSK	50	50	22.13	22.16	22.17		
20	QPSK	100	0	22.14	22.20	22.19		
20	16QAM	1	0	22.09	22.11	22.07	22.7	1
20	16QAM	1	49	22.21	22.26	22.27		
20	16QAM	1	99	22.20	22.23	22.19		
20	16QAM	50	0	21.17	21.19	21.15	21.7	2
20	16QAM	50	24	21.14	21.21	21.20		
20	16QAM	50	50	21.19	21.23	21.23		
20	16QAM	100	0	21.18	21.21	21.21		
20	64QAM	1	0	20.83	20.85	20.83	21.7	2
20	64QAM	1	49	20.89	20.95	20.91		
20	64QAM	1	99	20.91	20.93	20.89		
20	64QAM	50	0	20.14	20.20	20.18	20.7	3
20	64QAM	50	24	20.16	20.23	20.20		
20	64QAM	50	50	20.24	20.27	20.26		
20	64QAM	100	0	20.17	20.21	20.19		
20	256QAM	1	0	17.95	18.00	17.96	18.7	5
20	256QAM	1	49	18.08	18.14	18.12		
20	256QAM	1	99	18.07	18.10	18.08		
20	256QAM	50	0	18.19	18.23	18.20	18.7	5
20	256QAM	50	24	18.21	18.24	18.23		
20	256QAM	50	50	18.25	18.29	18.30		
20	256QAM	100	0	18.12	18.18	18.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.19	23.16	23.23	23.7	0
15	QPSK	1	37	23.14	23.11	23.13		
15	QPSK	1	74	23.11	23.20	23.17		
15	QPSK	36	0	22.09	22.18	22.08	22.7	1
15	QPSK	36	20	22.08	22.17	22.14		
15	QPSK	36	39	22.01	22.03	22.03		
15	QPSK	75	0	22.04	22.11	22.10		
15	16QAM	1	0	21.99	22.01	21.98	22.7	1
15	16QAM	1	37	22.16	22.20	22.17		
15	16QAM	1	74	22.15	22.13	22.05		
15	16QAM	36	0	21.09	21.14	21.00	21.7	2
15	16QAM	36	20	21.04	21.12	21.15		
15	16QAM	36	39	21.05	21.10	21.12		
15	16QAM	75	0	21.04	21.15	21.14		
15	64QAM	1	0	20.72	20.77	20.74	21.7	2
15	64QAM	1	37	20.80	20.90	20.76		
15	64QAM	1	74	20.86	20.88	20.81		
15	64QAM	36	0	20.04	20.12	20.03	20.7	3
15	64QAM	36	20	20.08	20.08	20.07		
15	64QAM	36	39	20.15	20.21	20.16		
15	64QAM	75	0	20.09	20.12	20.09		
15	256QAM	1	0	17.81	17.88	17.82	18.7	5
15	256QAM	1	37	18.06	17.99	18.05		
15	256QAM	1	74	18.01	17.95	18.01		
15	256QAM	36	0	18.18	18.10	18.19	18.7	5
15	256QAM	36	20	18.14	18.23	18.13		
15	256QAM	36	39	18.18	18.20	18.27		
15	256QAM	75	0	18.11	18.13	18.14		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.17	23.23	23.18	23.7	0
10	QPSK	1	25	23.11	23.15	23.13		
10	QPSK	1	49	23.15	23.15	23.13		
10	QPSK	25	0	22.05	22.10	22.14	22.7	1
10	QPSK	25	12	22.05	22.09	22.13		
10	QPSK	25	25	21.99	22.10	22.05		
10	QPSK	50	0	22.07	22.13	22.11		
10	16QAM	1	0	21.95	21.96	21.97	22.7	1
10	16QAM	1	25	22.13	22.18	22.17		
10	16QAM	1	49	22.10	22.12	22.11		
10	16QAM	25	0	21.09	21.13	21.02	21.7	2
10	16QAM	25	12	21.07	21.14	21.12		
10	16QAM	25	25	21.08	21.11	21.17		
10	16QAM	50	0	21.07	21.08	21.14		
10	64QAM	1	0	20.76	20.74	20.69	21.7	2
10	64QAM	1	25	20.78	20.86	20.79		
10	64QAM	1	49	20.85	20.80	20.81		
10	64QAM	25	0	20.07	20.11	20.07	20.7	3
10	64QAM	25	12	20.10	20.15	20.13		
10	64QAM	25	25	20.15	20.22	20.12		
10	64QAM	50	0	20.02	20.11	20.12		
10	256QAM	1	0	17.85	17.90	17.81	18.7	5
10	256QAM	1	25	18.01	18.13	18.00		
10	256QAM	1	49	17.94	18.06	18.05		
10	256QAM	25	0	18.04	18.20	18.17	18.7	5
10	256QAM	25	12	18.16	18.14	18.10		
10	256QAM	25	25	18.16	18.18	18.16		
10	256QAM	50	0	18.12	18.16	18.17		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.20	23.25	23.24	23.7	0
5	QPSK	1	12	23.13	23.10	23.08		
5	QPSK	1	24	23.11	23.18	23.14		
5	QPSK	12	0	22.13	22.08	22.08	22.7	1
5	QPSK	12	7	22.05	22.17	22.07		
5	QPSK	12	13	22.00	22.04	22.06		
5	QPSK	25	0	22.08	22.05	22.13		
5	16QAM	1	0	22.03	22.03	21.93	22.7	1
5	16QAM	1	12	22.15	22.20	22.20		
5	16QAM	1	24	22.12	22.14	22.11		
5	16QAM	12	0	21.11	21.12	21.10	21.7	2
5	16QAM	12	7	21.00	21.07	21.14		
5	16QAM	12	13	21.07	21.09	21.15		
5	16QAM	25	0	21.09	21.14	21.13		
5	64QAM	1	0	20.76	20.77	20.68	21.7	2
5	64QAM	1	12	20.77	20.81	20.85		
5	64QAM	1	24	20.80	20.80	20.74		
5	64QAM	12	0	20.06	20.15	20.09	20.7	3
5	64QAM	12	7	20.04	20.10	20.07		
5	64QAM	12	13	20.18	20.18	20.12		
5	64QAM	25	0	20.08	20.08	20.12		
5	256QAM	1	0	17.90	17.88	17.84	18.7	5
5	256QAM	1	12	17.98	18.11	17.97		
5	256QAM	1	24	17.95	18.01	18.00		
5	256QAM	12	0	18.08	18.19	18.08	18.7	5
5	256QAM	12	7	18.21	18.09	18.13		
5	256QAM	12	13	18.20	18.26	18.18		
5	256QAM	25	0	18.00	18.05	18.13		

Band 42 Part27Q_Ant 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.33	23.51	23.46	24	0
20	QPSK	1	49	23.29	23.46	23.41		
20	QPSK	1	99	23.26	23.45	23.38		
20	QPSK	50	0	22.29	22.48	22.45	23	1
20	QPSK	50	24	22.27	22.46	22.38		
20	QPSK	50	50	22.26	22.41	22.38		
20	QPSK	100	0	22.28	22.44	22.38		
20	16QAM	1	0	22.26	22.41	22.33	23	1
20	16QAM	1	49	22.36	22.56	22.49		
20	16QAM	1	99	22.37	22.53	22.48		
20	16QAM	50	0	21.25	21.44	21.40	22	2
20	16QAM	50	24	21.33	21.49	21.45		
20	16QAM	50	50	21.31	21.48	21.42		
20	16QAM	100	0	21.29	21.46	21.41		
20	64QAM	1	0	20.86	21.01	20.98	22	2
20	64QAM	1	49	20.96	21.16	21.12		
20	64QAM	1	99	20.90	21.09	21.05		
20	64QAM	50	0	20.23	20.42	20.38	21	3
20	64QAM	50	24	20.29	20.45	20.37		
20	64QAM	50	50	20.30	20.47	20.42		
20	64QAM	100	0	20.26	20.42	20.39		
20	256QAM	1	0	18.06	18.21	18.15	19	5
20	256QAM	1	49	18.20	18.36	18.31		
20	256QAM	1	99	18.08	18.27	18.20		
20	256QAM	50	0	18.30	18.47	18.40	19	5
20	256QAM	50	24	18.35	18.50	18.46		
20	256QAM	50	50	18.33	18.51	18.44		
20	256QAM	100	0	18.25	18.43	18.40		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.27	23.40	23.38	24	0
15	QPSK	1	37	23.20	23.32	23.35		
15	QPSK	1	74	23.19	23.32	23.23		
15	QPSK	36	0	22.14	22.33	22.34	23	1
15	QPSK	36	20	22.18	22.33	22.33		
15	QPSK	36	39	22.18	22.32	22.24		
15	QPSK	75	0	22.21	22.35	22.23		
15	16QAM	1	0	22.16	22.26	22.18	23	1
15	16QAM	1	37	22.25	22.44	22.37		
15	16QAM	1	74	22.27	22.44	22.39		
15	16QAM	36	0	21.12	21.38	21.27	22	2
15	16QAM	36	20	21.20	21.35	21.30		
15	16QAM	36	39	21.19	21.34	21.32		
15	16QAM	75	0	21.22	21.32	21.35		
15	64QAM	1	0	20.79	20.88	20.85	22	2
15	64QAM	1	37	20.88	21.11	21.07		
15	64QAM	1	74	20.78	21.04	20.95		
15	64QAM	36	0	20.13	20.33	20.32	21	3
15	64QAM	36	20	20.17	20.32	20.25		
15	64QAM	36	39	20.16	20.41	20.34		
15	64QAM	75	0	20.17	20.30	20.30		
15	256QAM	1	0	18.00	18.13	18.07	19	5
15	256QAM	1	37	18.15	18.31	18.31		
15	256QAM	1	74	17.99	18.21	18.15		
15	256QAM	36	0	18.20	18.40	18.25	19	5
15	256QAM	36	20	18.28	18.50	18.33		
15	256QAM	36	39	18.27	18.49	18.36		
15	256QAM	75	0	18.16	18.42	18.37		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.28	23.40	23.35	24	0
10	QPSK	1	25	23.16	23.41	23.30		
10	QPSK	1	49	23.17	23.40	23.28		
10	QPSK	25	0	22.16	22.42	22.32	23	1
10	QPSK	25	12	22.22	22.32	22.30		
10	QPSK	25	25	22.19	22.34	22.23		
10	QPSK	50	0	22.13	22.34	22.33		
10	16QAM	1	0	22.13	22.30	22.25	23	1
10	16QAM	1	25	22.28	22.41	22.35		
10	16QAM	1	49	22.26	22.39	22.43		
10	16QAM	25	0	21.12	21.30	21.31	22	2
10	16QAM	25	12	21.26	21.42	21.39		
10	16QAM	25	25	21.23	21.40	21.32		
10	16QAM	50	0	21.24	21.40	21.28		
10	64QAM	1	0	20.71	20.92	20.90	22	2
10	64QAM	1	25	20.84	21.11	21.01		
10	64QAM	1	49	20.75	20.96	20.99		
10	64QAM	25	0	20.11	20.32	20.31	21	3
10	64QAM	25	12	20.14	20.36	20.24		
10	64QAM	25	25	20.22	20.41	20.32		
10	64QAM	50	0	20.14	20.29	20.26		
10	256QAM	1	0	17.98	18.11	18.07	19	5
10	256QAM	1	25	18.09	18.32	18.30		
10	256QAM	1	49	18.04	18.27	18.14		
10	256QAM	25	0	18.30	18.38	18.35	19	5
10	256QAM	25	12	18.30	18.37	18.43		
10	256QAM	25	25	18.30	18.49	18.36		
10	256QAM	50	0	18.19	18.35	18.33		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.18	23.43	23.31	24	0
5	QPSK	1	12	23.19	23.36	23.26		
5	QPSK	1	24	23.18	23.33	23.23		
5	QPSK	12	0	22.24	22.38	22.32	23	1
5	QPSK	12	7	22.14	22.33	22.28		
5	QPSK	12	13	22.16	22.33	22.28		
5	QPSK	25	0	22.13	22.34	22.26		
5	16QAM	1	0	22.15	22.34	22.26	23	1
5	16QAM	1	12	22.23	22.46	22.34		
5	16QAM	1	24	22.22	22.42	22.38		
5	16QAM	12	0	21.20	21.33	21.34	22	2
5	16QAM	12	7	21.25	21.35	21.30		
5	16QAM	12	13	21.16	21.39	21.31		
5	16QAM	25	0	21.16	21.34	21.30		
5	64QAM	1	0	20.73	20.89	20.83	22	2
5	64QAM	1	12	20.87	21.07	21.03		
5	64QAM	1	24	20.84	21.04	20.90		
5	64QAM	12	0	20.12	20.30	20.26	21	3
5	64QAM	12	7	20.16	20.36	20.31		
5	64QAM	12	13	20.23	20.38	20.29		
5	64QAM	25	0	20.21	20.31	20.28		
5	256QAM	1	0	17.96	18.13	18.06	19	5
5	256QAM	1	12	18.12	18.35	18.20		
5	256QAM	1	24	18.01	18.26	18.07		
5	256QAM	12	0	18.23	18.32	18.28	19	5
5	256QAM	12	7	18.24	18.37	18.45		
5	256QAM	12	13	18.33	18.40	18.37		
5	256QAM	25	0	18.19	18.40	18.37		

Band 42 Part27Q_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.19	20.21	20.01	21	0
20	QPSK	1	49	20.11	20.16	19.94		
20	QPSK	1	99	20.15	20.17	19.96		
20	QPSK	50	0	19.15	19.15	18.95	20	1
20	QPSK	50	24	19.10	19.12	18.93		
20	QPSK	50	50	19.07	19.11	18.90		
20	QPSK	100	0	19.07	19.10	18.91		
20	16QAM	1	0	19.19	19.21	18.99	20	1
20	16QAM	1	49	19.22	19.23	19.01		
20	16QAM	1	99	19.19	19.20	19.00		
20	16QAM	50	0	18.12	18.13	17.94	19	2
20	16QAM	50	24	18.11	18.14	17.95		
20	16QAM	50	50	18.10	18.15	17.95		
20	16QAM	100	0	18.10	18.14	17.92		
20	64QAM	1	0	17.73	17.75	17.53	19	2
20	64QAM	1	49	17.69	17.73	17.53		
20	64QAM	1	99	17.71	17.72	17.53		
20	64QAM	50	0	17.05	17.10	16.92	18	3
20	64QAM	50	24	17.07	17.11	16.92		
20	64QAM	50	50	17.07	17.12	16.92		
20	64QAM	100	0	17.10	17.12	16.92		
20	256QAM	1	0	14.96	14.97	14.79	16	5
20	256QAM	1	49	14.94	14.94	14.74		
20	256QAM	1	99	14.89	14.92	14.75		
20	256QAM	50	0	15.11	15.15	14.94	16	5
20	256QAM	50	24	15.16	15.18	15.00		
20	256QAM	50	50	15.19	15.19	15.00		
20	256QAM	100	0	15.12	15.14	14.92		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.12	20.11	19.87	21	0
15	QPSK	1	37	19.96	20.01	19.80		
15	QPSK	1	74	20.06	20.03	19.82		
15	QPSK	36	0	19.00	19.00	18.85	20	1
15	QPSK	36	20	18.96	19.02	18.87		
15	QPSK	36	39	18.99	19.00	18.79		
15	QPSK	75	0	18.95	18.95	18.85		
15	16QAM	1	0	19.14	19.14	18.94	20	1
15	16QAM	1	37	19.08	19.16	18.90		
15	16QAM	1	74	19.11	19.09	18.90		
15	16QAM	36	0	18.06	18.04	17.88	19	2
15	16QAM	36	20	18.02	18.02	17.88		
15	16QAM	36	39	17.98	18.05	17.80		
15	16QAM	75	0	17.99	18.06	17.79		
15	64QAM	1	0	17.62	17.61	17.42	19	2
15	64QAM	1	37	17.54	17.64	17.41		
15	64QAM	1	74	17.65	17.59	17.38		
15	64QAM	36	0	16.98	17.01	16.86	18	3
15	64QAM	36	20	16.95	17.04	16.78		
15	64QAM	36	39	17.00	16.98	16.87		
15	64QAM	75	0	16.99	17.05	16.85		
15	256QAM	1	0	14.91	14.84	14.74	16	5
15	256QAM	1	37	14.91	14.84	14.62		
15	256QAM	1	74	14.84	14.92	14.71		
15	256QAM	36	0	15.01	15.07	14.86	16	5
15	256QAM	36	20	15.03	15.03	14.86		
15	256QAM	36	39	15.13	15.11	14.92		
15	256QAM	75	0	15.02	15.13	14.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.04	20.08	19.90	21	0
10	QPSK	1	25	19.98	20.09	19.85		
10	QPSK	1	49	20.04	20.08	19.90		
10	QPSK	25	0	19.05	19.07	18.86	20	1
10	QPSK	25	12	19.02	19.01	18.88		
10	QPSK	25	25	19.02	18.97	18.81		
10	QPSK	50	0	18.98	19.03	18.77		
10	16QAM	1	0	19.11	19.08	18.88	20	1
10	16QAM	1	25	19.10	19.18	18.93		
10	16QAM	1	49	19.13	19.10	18.88		
10	16QAM	25	0	17.98	18.08	17.83	19	2
10	16QAM	25	12	17.96	18.02	17.83		
10	16QAM	25	25	17.98	18.07	17.86		
10	16QAM	50	0	17.98	18.08	17.87		
10	64QAM	1	0	17.67	17.68	17.48	19	2
10	64QAM	1	25	17.57	17.64	17.40		
10	64QAM	1	49	17.60	17.58	17.46		
10	64QAM	25	0	16.94	16.98	16.77	18	3
10	64QAM	25	12	16.98	16.96	16.86		
10	64QAM	25	25	16.93	17.03	16.78		
10	64QAM	50	0	16.96	17.06	16.80		
10	256QAM	1	0	14.82	14.83	14.65	16	5
10	256QAM	1	25	14.93	14.93	14.68		
10	256QAM	1	49	14.86	14.90	14.73		
10	256QAM	25	0	14.99	15.01	14.85	16	5
10	256QAM	25	12	15.10	15.13	14.98		
10	256QAM	25	25	15.16	15.05	15.00		
10	256QAM	50	0	15.05	15.11	14.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.07	20.13	19.88	21	0
5	QPSK	1	12	19.98	20.06	19.83		
5	QPSK	1	24	20.08	20.12	19.88		
5	QPSK	12	0	19.00	19.04	18.90	20	1
5	QPSK	12	7	18.97	19.01	18.81		
5	QPSK	12	13	18.95	19.01	18.81		
5	QPSK	25	0	18.94	18.98	18.82		
5	16QAM	1	0	19.05	19.07	18.91	20	1
5	16QAM	1	12	19.08	19.09	18.90		
5	16QAM	1	24	19.10	19.13	18.86		
5	16QAM	12	0	18.07	18.00	17.88	19	2
5	16QAM	12	7	18.01	17.99	17.89		
5	16QAM	12	13	17.99	18.08	17.90		
5	16QAM	25	0	18.02	18.04	17.77		
5	64QAM	1	0	17.67	17.62	17.44	19	2
5	64QAM	1	12	17.60	17.61	17.41		
5	64QAM	1	24	17.62	17.57	17.44		
5	64QAM	12	0	16.94	16.97	16.82	18	3
5	64QAM	12	7	17.01	16.97	16.82		
5	64QAM	12	13	16.96	17.07	16.83		
5	64QAM	25	0	17.00	17.01	16.78		
5	256QAM	1	0	14.91	14.92	14.64	16	5
5	256QAM	1	12	14.93	14.90	14.64		
5	256QAM	1	24	14.89	14.88	14.73		
5	256QAM	12	0	15.03	15.06	14.81	16	5
5	256QAM	12	7	15.12	15.12	15.00		
5	256QAM	12	13	15.12	15.19	15.00		
5	256QAM	25	0	15.09	15.06	14.90		

Band 42 Part27Q_Ant 23

BW [MHz]	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	19.92	19.94	19.89	21	0
20	QPSK	1	49	19.90	19.91	19.88		
20	QPSK	1	99	19.84	19.83	19.80		
20	QPSK	50	0	18.85	18.86	18.84	20	1
20	QPSK	50	24	18.84	18.84	18.83		
20	QPSK	50	50	18.79	18.80	18.76		
20	QPSK	100	0	18.83	18.85	18.81		
20	16QAM	1	0	18.87	18.88	18.87	20	1
20	16QAM	1	49	18.87	18.88	18.86		
20	16QAM	1	99	18.88	18.90	18.90		
20	16QAM	50	0	17.82	17.84	17.84	19	2
20	16QAM	50	24	17.89	17.87	17.83		
20	16QAM	50	50	17.93	17.90	17.86		
20	16QAM	100	0	17.88	17.89	17.85		
20	64QAM	1	0	17.44	17.45	17.43	19	2
20	64QAM	1	49	17.50	17.49	17.45		
20	64QAM	1	99	17.51	17.50	17.49		
20	64QAM	50	0	16.82	16.81	16.79	18	3
20	64QAM	50	24	16.84	16.83	16.78		
20	64QAM	50	50	16.85	16.87	16.85		
20	64QAM	100	0	16.88	16.85	16.85		
20	256QAM	1	0	14.68	14.69	14.68	16	5
20	256QAM	1	49	14.66	14.67	14.62		
20	256QAM	1	99	14.73	14.70	14.70		
20	256QAM	50	0	14.87	14.88	14.87	16	5
20	256QAM	50	24	14.90	14.91	14.88		
20	256QAM	50	50	14.98	14.95	14.95		
20	256QAM	100	0	14.87	14.88	14.84		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.79	19.80	19.81	21	0
15	QPSK	1	37	19.83	19.85	19.74		
15	QPSK	1	74	19.76	19.69	19.69		
15	QPSK	36	0	18.80	18.72	18.75	20	1
15	QPSK	36	20	18.69	18.72	18.71		
15	QPSK	36	39	18.65	18.74	18.70		
15	QPSK	75	0	18.71	18.72	18.72		
15	16QAM	1	0	18.80	18.79	18.73	20	1
15	16QAM	1	37	18.78	18.73	18.77		
15	16QAM	1	74	18.80	18.80	18.75		
15	16QAM	36	0	17.77	17.74	17.74	19	2
15	16QAM	36	20	17.79	17.79	17.69		
15	16QAM	36	39	17.82	17.82	17.74		
15	16QAM	75	0	17.82	17.74	17.70		
15	64QAM	1	0	17.38	17.30	17.36	19	2
15	64QAM	1	37	17.35	17.40	17.35		
15	64QAM	1	74	17.36	17.44	17.41		
15	64QAM	36	0	16.70	16.72	16.70	18	3
15	64QAM	36	20	16.70	16.68	16.66		
15	64QAM	36	39	16.72	16.73	16.77		
15	64QAM	75	0	16.79	16.71	16.79		
15	256QAM	1	0	14.54	14.56	14.60	16	5
15	256QAM	1	37	14.62	14.54	14.49		
15	256QAM	1	74	14.59	14.56	14.65		
15	256QAM	36	0	14.84	14.78	14.80	16	5
15	256QAM	36	20	14.75	14.78	14.73		
15	256QAM	36	39	14.94	14.85	14.85		
15	256QAM	75	0	14.87	14.85	14.72		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.77	19.85	19.84	21	0
10	QPSK	1	25	19.77	19.77	19.82		
10	QPSK	1	49	19.79	19.78	19.67		
10	QPSK	25	0	18.74	18.76	18.69	20	1
10	QPSK	25	12	18.74	18.75	18.70		
10	QPSK	25	25	18.74	18.73	18.67		
10	QPSK	50	0	18.70	18.75	18.75		
10	16QAM	1	0	18.79	18.83	18.78	20	1
10	16QAM	1	25	18.77	18.78	18.77		
10	16QAM	1	49	18.80	18.81	18.77		
10	16QAM	25	0	17.67	17.76	17.76	19	2
10	16QAM	25	12	17.83	17.79	17.73		
10	16QAM	25	25	17.79	17.81	17.78		
10	16QAM	50	0	17.81	17.81	17.74		
10	64QAM	1	0	17.37	17.32	17.34	19	2
10	64QAM	1	25	17.41	17.36	17.38		
10	64QAM	1	49	17.36	17.41	17.42		
10	64QAM	25	0	16.77	16.70	16.74	18	3
10	64QAM	25	12	16.77	16.76	16.64		
10	64QAM	25	25	16.80	16.73	16.72		
10	64QAM	50	0	16.80	16.75	16.74		
10	256QAM	1	0	14.62	14.56	14.59	16	5
10	256QAM	1	25	14.65	14.52	14.57		
10	256QAM	1	49	14.71	14.66	14.70		
10	256QAM	25	0	14.81	14.78	14.73	16	5
10	256QAM	25	12	14.84	14.85	14.83		
10	256QAM	25	25	14.96	14.88	14.94		
10	256QAM	50	0	14.73	14.79	14.71		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.85	19.84	19.80	21	0
5	QPSK	1	12	19.80	19.76	19.83		
5	QPSK	1	24	19.70	19.75	19.68		
5	QPSK	12	0	18.70	18.79	18.79	20	1
5	QPSK	12	7	18.78	18.77	18.73		
5	QPSK	12	13	18.65	18.69	18.67		
5	QPSK	25	0	18.78	18.76	18.76		
5	16QAM	1	0	18.78	18.76	18.82	20	1
5	16QAM	1	12	18.76	18.81	18.73		
5	16QAM	1	24	18.73	18.80	18.85		
5	16QAM	12	0	17.74	17.79	17.77	19	2
5	16QAM	12	7	17.79	17.75	17.68		
5	16QAM	12	13	17.82	17.75	17.79		
5	16QAM	25	0	17.74	17.78	17.70		
5	64QAM	1	0	17.30	17.32	17.35	19	2
5	64QAM	1	12	17.39	17.42	17.37		
5	64QAM	1	24	17.46	17.38	17.39		
5	64QAM	12	0	16.75	16.71	16.65	18	3
5	64QAM	12	7	16.72	16.77	16.65		
5	64QAM	12	13	16.74	16.81	16.71		
5	64QAM	25	0	16.76	16.80	16.79		
5	256QAM	1	0	14.53	14.62	14.56	16	5
5	256QAM	1	12	14.52	14.54	14.56		
5	256QAM	1	24	14.63	14.69	14.59		
5	256QAM	12	0	14.73	14.86	14.79	16	5
5	256QAM	12	7	14.89	14.83	14.84		
5	256QAM	12	13	14.86	14.95	14.87		
5	256QAM	25	0	14.87	14.75	14.75		

Reduced Power Mode for ECI2

GSM850_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.45	31.70	31.51	32.90	22.45	22.70	22.51	23.90
GPRS/EDGE GMSK 1 Tx slot	31.43	31.67	31.48	32.90	22.43	22.67	22.48	23.90
GPRS/EDGE GMSK 2 Tx slots	28.51	28.75	28.62	29.40	22.51	22.75	22.62	23.40
GPRS/EDGE GMSK 3 Tx slots	26.58	26.84	26.76	27.60	22.32	22.58	22.50	23.34
GPRS/EDGE GMSK 4 Tx slots	25.16	25.44	25.37	26.20	22.16	22.44	22.37	23.20
EDGE 8PSK 1 Tx slot	26.73	26.72	26.64	27.70	17.73	17.72	17.64	18.70
EDGE 8PSK 2 Tx slots	24.48	24.59	24.48	25.70	18.48	18.59	18.48	19.70
EDGE 8PSK 3 Tx slots	22.25	22.41	22.21	23.70	17.99	18.15	17.95	19.44
EDGE 8PSK 4 Tx slots	20.50	20.54	20.38	22.20	17.50	17.54	17.38	19.20

GSM850_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.05	32.32	32.28	33.20	23.05	23.32	23.28	24.20
GPRS/EDGE GMSK 1 Tx slot	32.02	32.30	32.25	33.20	23.02	23.30	23.25	24.20
GPRS/EDGE GMSK 2 Tx slots	30.30	30.62	30.58	31.20	24.30	24.62	24.58	25.20
GPRS/EDGE GMSK 3 Tx slots	28.11	28.42	28.44	29.20	23.85	24.16	24.18	24.94
GPRS/EDGE GMSK 4 Tx slots	26.42	26.72	26.78	27.70	23.42	23.72	23.78	24.70
EDGE 8PSK 1 Tx slot	26.24	26.35	26.22	27.70	17.24	17.35	17.22	18.70
EDGE 8PSK 2 Tx slots	24.09	24.25	24.09	25.70	18.09	18.25	18.09	19.70
EDGE 8PSK 3 Tx slots	21.85	22.02	22.01	23.70	17.59	17.76	17.75	19.44
EDGE 8PSK 4 Tx slots	20.24	20.21	20.20	22.20	17.24	17.21	17.20	19.20

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.56	26.62	26.61	27.40	17.56	17.62	17.61	18.40
GPRS/EDGE GMSK 1 Tx slot	26.54	26.61	26.60	27.40	17.54	17.61	17.60	18.40
GPRS/EDGE GMSK 2 Tx slots	23.52	23.62	23.57	24.40	17.52	17.62	17.57	18.40
GPRS/EDGE GMSK 3 Tx slots	21.77	21.87	21.86	22.60	17.51	17.61	17.60	18.34
GPRS/EDGE GMSK 4 Tx slots	20.51	20.65	20.63	21.20	17.51	17.65	17.63	18.20
EDGE 8PSK 1 Tx slot	25.84	25.85	25.76	27.20	16.84	16.85	16.76	18.20
EDGE 8PSK 2 Tx slots	23.50	23.52	23.47	24.90	17.50	17.52	17.47	18.90
EDGE 8PSK 3 Tx slots	21.36	21.44	21.64	23.10	17.10	17.18	17.38	18.84
EDGE 8PSK 4 Tx slots	20.23	20.19	20.21	21.70	17.23	17.19	17.21	18.70

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.16	29.32	29.18	30.70	20.16	20.32	20.18	21.70
GPRS/EDGE GMSK 1 Tx slot	29.14	29.31	29.16	30.70	20.14	20.31	20.16	21.70
GPRS/EDGE GMSK 2 Tx slots	27.01	27.32	27.10	28.70	21.01	21.32	21.10	22.70
GPRS/EDGE GMSK 3 Tx slots	25.01	25.22	25.12	26.70	20.75	20.96	20.86	22.44
GPRS/EDGE GMSK 4 Tx slots	23.54	23.85	23.66	25.20	20.54	20.85	20.66	22.20
EDGE 8PSK 1 Tx slot	25.93	25.84	25.82	27.20	16.93	16.84	16.82	18.20
EDGE 8PSK 2 Tx slots	23.92	23.87	23.83	25.20	17.92	17.87	17.83	19.20
EDGE 8PSK 3 Tx slots	21.75	21.68	21.70	23.20	17.49	17.42	17.44	18.94
EDGE 8PSK 4 Tx slots	20.16	20.14	20.23	21.70	17.16	17.14	17.23	18.70

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.11	17.13	17.10	18.20	22.83	22.85	22.70	24.20
3GPP Rel 99	RMC 12.2Kbps	17.13	17.15	17.12	18.20	22.84	22.86	22.73	24.20
3GPP Rel 6	HSDPA Subtest-1	16.99	17.02	16.98	18.20	22.76	22.83	22.69	24.20
3GPP Rel 6	HSDPA Subtest-2	17.10	17.08	17.06	18.20	22.77	22.82	22.71	24.20
3GPP Rel 6	HSDPA Subtest-3	16.98	17.12	16.99	18.20	22.31	22.37	22.24	23.70
3GPP Rel 6	HSDPA Subtest-4	16.98	17.07	16.95	18.20	22.27	22.34	22.20	23.70
3GPP Rel 8	DC-HSDPA Subtest-1	17.03	17.10	17.08	18.20	22.71	22.74	22.58	24.20
3GPP Rel 8	DC-HSDPA Subtest-2	16.99	17.12	17.09	18.20	22.69	22.70	22.63	24.20
3GPP Rel 8	DC-HSDPA Subtest-3	17.01	17.09	17.02	18.20	22.23	22.30	22.11	23.70
3GPP Rel 8	DC-HSDPA Subtest-4	16.99	17.11	17.00	18.20	22.19	22.29	22.09	23.70
3GPP Rel 6	HSUPA Subtest-1	17.01	16.99	17.05	18.20	20.77	20.78	21.00	22.20
3GPP Rel 6	HSUPA Subtest-2	17.08	17.03	17.04	18.20	20.74	20.79	21.05	22.20
3GPP Rel 6	HSUPA Subtest-3	17.08	17.06	17.04	18.20	21.78	21.83	22.03	23.20
3GPP Rel 6	HSUPA Subtest-4	17.08	17.06	17.02	18.20	20.28	20.28	20.60	21.70
3GPP Rel 6	HSUPA Subtest-5	17.03	17.11	17.02	18.20	21.75	21.80	22.00	23.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.08	17.09	16.99	18.20	19.96	20.12	20.02	21.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.03	17.05	17.01	17.70	23.25	23.45	23.43	24.70
3GPP Rel 99	RMC 12.2Kbps	17.05	17.07	17.02	17.70	23.28	23.48	23.47	24.70
3GPP Rel 6	HSDPA Subtest-1	17.00	16.97	16.98	17.70	23.21	23.47	23.46	24.70
3GPP Rel 6	HSDPA Subtest-2	16.95	16.96	16.91	17.70	23.22	23.46	23.42	24.70
3GPP Rel 6	HSDPA Subtest-3	16.90	16.97	16.97	17.70	22.74	22.98	23.00	24.20
3GPP Rel 6	HSDPA Subtest-4	16.88	16.96	16.86	17.70	22.69	22.92	22.93	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	16.98	17.01	16.89	17.70	23.09	23.39	23.40	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	16.98	16.94	16.93	17.70	23.07	23.33	23.33	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	16.88	17.01	16.87	17.70	22.69	22.92	22.95	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	16.96	16.96	16.89	17.70	22.58	22.78	22.86	24.20
3GPP Rel 6	HSUPA Subtest-1	17.01	16.94	16.87	17.70	21.24	21.44	21.41	22.70
3GPP Rel 6	HSUPA Subtest-2	16.92	17.04	16.87	17.70	21.26	21.46	21.41	22.70
3GPP Rel 6	HSUPA Subtest-3	16.90	16.94	16.97	17.70	22.27	22.46	22.42	23.70
3GPP Rel 6	HSUPA Subtest-4	16.96	16.91	16.89	17.70	20.75	21.10	20.94	22.20
3GPP Rel 6	HSUPA Subtest-5	16.96	16.91	16.97	17.70	22.20	22.43	22.37	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.98	16.94	16.92	17.70	20.25	20.24	20.13	21.70

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 31			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.17	21.20	21.16	22.20	23.80	23.80	23.73	24.70
3GPP Rel 99	RMC 12.2Kbps	21.19	21.22	21.18	22.20	23.82	23.83	23.76	24.70
3GPP Rel 6	HSDPA Subtest-1	21.13	21.05	21.15	22.20	23.79	23.76	23.74	24.70
3GPP Rel 6	HSDPA Subtest-2	21.02	21.19	21.03	22.20	23.80	23.82	23.71	24.70
3GPP Rel 6	HSDPA Subtest-3	21.11	21.19	21.02	22.20	23.32	23.37	23.25	24.20
3GPP Rel 6	HSDPA Subtest-4	21.15	21.14	21.09	22.20	23.29	23.32	23.20	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	21.02	21.05	21.10	22.20	23.64	23.64	23.73	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	21.15	21.18	21.08	22.20	23.71	23.70	23.67	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	21.06	21.08	21.06	22.20	23.26	23.27	23.18	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	21.16	21.06	21.11	22.20	23.23	23.19	23.15	24.20
3GPP Rel 6	HSUPA Subtest-1	21.08	21.12	21.09	22.20	21.78	21.81	21.72	22.70
3GPP Rel 6	HSUPA Subtest-2	21.10	21.06	21.04	22.20	21.80	21.79	21.77	22.70
3GPP Rel 6	HSUPA Subtest-3	21.03	21.15	21.11	22.20	22.80	22.77	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	21.10	21.13	21.15	22.20	21.32	21.31	21.23	22.20
3GPP Rel 6	HSUPA Subtest-5	21.08	21.10	21.02	22.20	22.80	22.82	22.70	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.98	20.24	20.08	21.70	20.08	20.23	20.20	21.70

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.38	17.40	17.37		
20	QPSK	1	49	17.26	17.34	17.22	18.2	0
20	QPSK	1	99	17.30	17.31	17.29		
20	QPSK	50	0	17.37	17.38	17.35		
20	QPSK	50	24	17.26	17.28	17.21	18.2	0
20	QPSK	50	50	17.20	17.26	17.25		
20	QPSK	100	0	17.35	17.36	17.33		
20	16QAM	1	0	17.27	17.25	17.23		
20	16QAM	1	49	17.30	17.32	17.27	18.2	0
20	16QAM	1	99	17.25	17.28	17.19		
20	16QAM	50	0	17.34	17.21	17.32		
20	16QAM	50	24	17.34	17.27	17.24	18.2	0
20	16QAM	50	50	17.33	17.32	17.26		
20	16QAM	100	0	17.23	17.21	17.21		
20	64QAM	1	0	17.26	17.32	17.21		
20	64QAM	1	49	17.27	17.21	17.26	18.2	0
20	64QAM	1	99	17.32	17.30	17.32		
20	64QAM	50	0	17.30	17.25	17.28		
20	64QAM	50	24	17.22	17.26	17.23	18.2	0
20	64QAM	50	50	17.34	17.25	17.32		
20	64QAM	100	0	17.33	17.23	17.20		
20	256QAM	1	0	17.25	17.24	17.24		
20	256QAM	1	49	17.26	17.26	17.23	18.2	0
20	256QAM	1	99	17.30	17.29	17.32		
20	256QAM	50	0	17.31	17.27	17.32		
20	256QAM	50	24	17.22	17.23	17.22	18.2	0
20	256QAM	50	50	17.21	17.25	17.22		
20	256QAM	100	0	17.26	17.21	17.25		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.32	17.32	17.20		
15	QPSK	1	37	17.20	17.24	17.25	18.2	0
15	QPSK	1	74	17.23	17.30	17.18		
15	QPSK	36	0	17.24	17.32	17.29		
15	QPSK	36	20	17.34	17.29	17.22	18.2	0
15	QPSK	36	39	17.28	17.29	17.28		
15	QPSK	75	0	17.27	17.33	17.32		
15	16QAM	1	0	17.32	17.32	17.18		
15	16QAM	1	37	17.27	17.29	17.30	18.2	0
15	16QAM	1	74	17.31	17.34	17.19		
15	16QAM	36	0	17.23	17.23	17.26		
15	16QAM	36	20	17.23	17.24	17.26	18.2	0
15	16QAM	36	39	17.28	17.28	17.28		
15	16QAM	75	0	17.24	17.26	17.31		
15	64QAM	1	0	17.25	17.34	17.21		
15	64QAM	1	37	17.27	17.24	17.24	18.2	0
15	64QAM	1	74	17.22	17.22	17.28		
15	64QAM	36	0	17.23	17.27	17.18		
15	64QAM	36	20	17.23	17.27	17.21	18.2	0
15	64QAM	36	39	17.34	17.27	17.32		
15	64QAM	75	0	17.30	17.30	17.23		
15	256QAM	1	0	17.24	17.30	17.31		
15	256QAM	1	37	17.24	17.34	17.25	18.2	0
15	256QAM	1	74	17.30	17.28	17.18		
15	256QAM	36	0	17.30	17.23	17.29		
15	256QAM	36	20	17.23	17.27	17.20	18.2	0
15	256QAM	36	39	17.34	17.30	17.27		
15	256QAM	75	0	17.27	17.25	17.24		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.21	17.29	17.29		
10	QPSK	1	25	17.25	17.30	17.30	18.2	0
10	QPSK	1	49	17.22	17.26	17.30		
10	QPSK	25	0	17.23	17.28	17.24		
10	QPSK	25	12	17.27	17.26	17.32	18.2	0
10	QPSK	25	25	17.22	17.22	17.26		
10	QPSK	50	0	17.20	17.24	17.19		
10	16QAM	1	0	17.21	17.24	17.18		
10	16QAM	1	25	17.27	17.34	17.20	18.2	0
10	16QAM	1	49	17.21	17.34	17.30		
10	16QAM	25	0	17.32	17.24	17.31		
10	16QAM	25	12	17.33	17.25	17.28	18.2	0
10	16QAM	25	25	17.34	17.26	17.24		
10	16QAM	50	0	17.20	17.34	17.30		
10	64QAM	1	0	17.21	17.27	17.27		
10	64QAM	1	25	17.24	17.30	17.26	18.2	0
10	64QAM	1	49	17.20	17.22	17.19		
10	64QAM	25	0	17.31	17.26	17.18		
10	64QAM	25	12	17.29	17.32	17.26	18.2	0
10	64QAM	25	25	17.26	17.28	17.23		
10	64QAM	50	0	17.27	17.24	17.26		
10	256QAM	1	0	17.32	17.22	17.21		
10	256QAM	1	25	17.33	17.27	17.19	18.2	0
10	256QAM	1	49	17.21	17.28	17.18		
10	256QAM	25	0	17.31	17.24	17.19		
10	256QAM	25	12	17.33	17.25	17.21	18.2	0
10	256QAM	25	25	17.22	17.29	17.29		
10	256QAM	50	0	17.25	17.23	17.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.21	17.28	17.21		
5	QPSK	1	12	17.27	17.21	17.23	18.2	0
5	QPSK	1	24	17.23	17.32	17.22		
5	QPSK	12	0	17.26	17.31	17.23		
5	QPSK	12	7	17.20	17.26	17.26	18.2	0
5	QPSK	12	13	17.22	17.24	17.31		
5	QPSK	25	0	17.26	17.24	17.25		
5	16QAM	1	0	17.20	17.27	17.29		
5	16QAM	1	12	17.31	17.31	17.18	18.2	0
5	16QAM	1	24	17.29	17.29	17.30		
5	16QAM	12	0	17.33	17.29	17.27		
5	16QAM	12	7	17.27	17.22	17.28	18.2	0
5	16QAM	12	13	17.21	17.22	17.29		
5	16QAM	25	0	17.20	17.22	17.19		
5	64QAM	1	0	17.30	17.23	17.27		
5	64QAM	1	12	17.31	17.26	17.24	18.2	0
5	64QAM	1	24	17.33	17.25	17.27		
5	64QAM	12	0	17.20	17.33	17.22		
5	64QAM	12	7	17.34	17.23	17.28	18.2	0
5	64QAM	12	13	17.24	17.32	17.21		
5	64QAM	25	0	17.31	17.31	17.27		
5	256QAM	1	0	17.22	17.24	17.19		
5	256QAM	1	12	17.34	17.31	17.18	18.2	0
5	256QAM	1	24	17.32	17.26	17.26		
5	256QAM	12	0	17.31	17.22	17.25		
5	256QAM	12	7	17.27	17.22	17.18	18.2	0
5	256QAM	12	13	17.24	17.28	17.18		
5	256QAM	25	0	17.27	17.21	17.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.30	17.35	17.32		
3	QPSK	1	8	17.28	17.25	17.26	18.2	0
3	QPSK	1	14	17.24	17.25	17.21		
3	QPSK	8	0	17.33	17.34	17.20		
3	QPSK	8	4	17.31	17.22	17.22	18.2	0
3	QPSK	8	7	17.33	17.23	17.29		
3	QPSK	15	0	17.27	17.28	17.28		
3	16QAM	1	0	17.24	17.33	17.19		
3	16QAM	1	8	17.26	17.31	17.21	18.2	0
3	16QAM	1	14	17.31	17.34	17.30		
3	16QAM	8	0	17.34	17.25	17.25		
3	16QAM	8	4	17.28	17.33	17.25	18.2	0
3	16QAM	8	7	17.20	17.33	17.30		
3	16QAM	15	0	17.32	17.24	17.29		
3	64QAM	1	0	17.25	17.27	17.29		
3	64QAM	1	8	17.34	17.31	17.31	18.2	0
3	64QAM	1	14	17.21	17.22	17.26		
3	64QAM	8	0	17.31	17.24	17.20		
3	64QAM	8	4	17.32	17.22	17.29	18.2	0
3	64QAM	8	7	17.20	17.23	17.28		
3	64QAM	15	0	17.20	17.24	17.19		
3	256QAM	1	0	17.20	17.35	17.27		
3	256QAM	1	8	17.20	17.29	17.26	18.2	0
3	256QAM	1	14	17.31	17.30	17.30		
3	256QAM	8	0	17.27	17.32	17.23		
3	256QAM	8	4	17.21	17.22	17.22	18.2	0
3	256QAM	8	7	17.26	17.29	17.23		
3	256QAM	15	0	17.27	17.25	17.22		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.33	17.21	17.26		
1.4	QPSK	1	3	17.32	17.35	17.22		
1.4	QPSK	1	5	17.25	17.25	17.18	18.2	0
1.4	QPSK	3	0	17.27	17.25	17.25		
1.4	QPSK	3	1	17.21	17.22	17.25		
1.4	QPSK	3	3	17.29	17.23	17.26		
1.4	QPSK	6	0	17.27	17.30	17.30	18.2	0
1.4	16QAM	1	0	17.22	17.32	17.24		
1.4	16QAM	1	3	17.24	17.21	17.26		
1.4	16QAM	1	5	17.24	17.21	17.19	18.2	0
1.4	16QAM	3	0	17.31	17.23	17.24		
1.4	16QAM	3	1	17.23	17.24	17.27		
1.4	16QAM	3	3	17.33	17.25	17.20		
1.4	16QAM	6	0	17.22	17.21	17.22	18.2	0
1.4	64QAM	1	0	17.30	17.32	17.23		
1.4	64QAM	1	3	17.34	17.29	17.31		
1.4	64QAM	1	5	17.28	17.23	17.21	18.2	0
1.4	64QAM	3	0	17.24	17.22	17.23		
1.4	64QAM	3	1	17.29	17.24	17.24		
1.4	64QAM	3	3	17.33	17.30	17.21		
1.4	64QAM	6	0	17.24	17.27	17.30	18.2	0
1.4	256QAM	1	0	17.26	17.21	17.29		
1.4	256QAM	1	3	17.21	17.30	17.26		
1.4	256QAM	1	5	17.34	17.27	17.18	18.2	0
1.4	256QAM	3	0	17.33	17.26	17.21		
1.4	256QAM	3	1	17.34	17.32	17.19		
1.4	256QAM	3	3	17.23	17.32	17.23		
1.4	256QAM	6	0	17.25	17.21	17.22	18.2	0

Band 2_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.33	23.35	23.31		
20	QPSK	1	49	23.14	23.27	23.30	24.5	0
20	QPSK	1	99	23.16	23.21	23.15		
20	QPSK	50	0	22.34	22.36	22.32		
20	QPSK	50	24	22.30	22.27	22.30	23.5	1
20	QPSK	50	50	22.27	22.22	22.23		
20	QPSK	100	0	22.30	22.33	22.29		
20	16QAM	1	0	22.44	22.59	22.69		
20	16QAM	1	49	22.65	22.59	22.73	23.5	1
20	16QAM	1	99	22.39	22.52	22.40		
20	16QAM	50	0	21.36	21.32	21.22		
20	16QAM	50	24	21.25	21.29	21.20	22.5	2
20	16QAM	50	50	21.20	21.21	21.22		
20	16QAM	100	0	21.23	21.25	21.22		
20	64QAM	1	0	21.06	21.53	21.53		
20	64QAM	1	49	21.04	21.54	21.50	22.5	2
20	64QAM	1	99	21.46	21.21	21.25		
20	64QAM	50	0	20.26	20.30	20.26		
20	64QAM	50	24	20.25	20.25	20.23	21.5	3
20	64QAM	50	50	20.22	20.21	20.25		
20	64QAM	100	0	20.26	20.29	20.20		
20	256QAM	1	0	18.36	18.38	18.35		
20	256QAM	1	49	18.26	18.37	18.26	19.5	5
20	256QAM	1	99	18.28	18.37	18.22		
20	256QAM	50	0	18.33	18.32	18.29		
20	256QAM	50	24	18.24	18.26	18.34	19.5	5
20	256QAM	50	50	18.31	18.37	18.34		
20	256QAM	100	0	18.26	18.34	18.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.25	23.20	23.28		
15	QPSK	1	37	23.07	23.23	23.17	24.5	0
15	QPSK	1	74	23.01	23.17	23.14		
15	QPSK	36	0	22.23	22.27	22.23		
15	QPSK	36	20	22.20	22.20	22.17	23.5	1
15	QPSK	36	39	22.13	22.14	22.14		
15	QPSK	75	0	22.21	22.19	22.22		
15	16QAM	1	0	22.42	22.58	22.58		
15	16QAM	1	37	22.51	22.46	22.60	23.5	1
15	16QAM	1	74	22.32	22.41	22.28		
15	16QAM	36	0	21.33	21.29	21.20		
15	16QAM	36	20	21.11	21.14	21.05	22.5	2
15	16QAM	36	39	21.12	21.13	21.13		
15	16QAM	75	0	21.09	21.23	21.09		
15	64QAM	1	0	20.99	21.40	21.44		
15	64QAM	1	37	20.91	21.44	21.49	22.5	2
15	64QAM	1	74	21.31	21.08	21.15		
15	64QAM	36	0	20.11	20.15	20.23		
15	64QAM	36	20	20.12	20.21	20.20	21.5	3
15	64QAM	36	39	20.08	20.14	20.11		
15	64QAM	75	0	20.14	20.18	20.12		
15	256QAM	1	0	18.34	18.37	18.29		
15	256QAM	1	37	18.24	18.22	18.19	19.5	5
15	256QAM	1	74	18.27	18.26	18.08		
15	256QAM	36	0	18.16	18.25	18.17		
15	256QAM	36	20	18.14	18.12	18.33	19.5	5
15	256QAM	36	39	18.21	18.24	18.29		
15	256QAM	75	0	18.11	18.26	18.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.30	23.34	23.18		
10	QPSK	1	25	23.01	23.16	23.24	24.5	0
10	QPSK	1	49	23.14	23.12	23.05		
10	QPSK	25	0	22.26	22.24	22.25		
10	QPSK	25	12	22.27	22.26	22.21	23.5	1
10	QPSK	25	25	22.12	22.20	22.16		
10	QPSK	50	0	22.20	22.18	22.18		
10	16QAM	1	0	22.42	22.50	22.54		
10	16QAM	1	25	22.54	22.58	22.67	23.5	1
10	16QAM	1	49	22.32	22.51	22.26		
10	16QAM	25	0	21.35	21.22	21.11		
10	16QAM	25	12	21.10	21.28	21.15	22.5	2
10	16QAM	25	25	21.11	21.17	21.14		
10	16QAM	50	0	21.20	21.11	21.10		
10	64QAM	1	0	20.92	21.51	21.39		
10	64QAM	1	25	20.91	21.39	21.47	22.5	2
10	64QAM	1	49	21.33	21.08	21.23		
10	64QAM	25	0	20.18	20.16	20.15		
10	64QAM	25	12	20.13	20.22	20.21	21.5	3
10	64QAM	25	25	20.11	20.13	20.10		
10	64QAM	50	0	20.16	20.17	20.17		
10	256QAM	1	0	18.26	18.23	18.28		
10	256QAM	1	25	18.23	18.35	18.11	19.5	5
10	256QAM	1	49	18.16	18.25	18.14		
10	256QAM	25	0	18.16	18.19	18.22		
10	256QAM	25	12	18.19	18.14	18.22	19.5	5
10	256QAM	25	25	18.21	18.35	18.26		
10	256QAM	50	0	18.17	18.20	18.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.22	23.24	23.28		
5	QPSK	1	12	23.02	23.12	23.26	24.5	0
5	QPSK	1	24	23.15	23.17	23.14		
5	QPSK	12	0	22.32	22.26	22.28		
5	QPSK	12	7	22.20	22.18	22.19	23.5	1
5	QPSK	12	13	22.22	22.07	22.21		
5	QPSK	25	0	22.18	22.26	22.20		
5	16QAM	1	0	22.33	22.50	22.66		
5	16QAM	1	12	22.63	22.52	22.63	23.5	1
5	16QAM	1	24	22.27	22.46	22.35		
5	16QAM	12	0	21.24	21.26	21.08		
5	16QAM	12	7	21.17	21.24	21.17	22.5	2
5	16QAM	12	13	21.16	21.16	21.18		
5	16QAM	25	0	21.20	21.21	21.14		
5	64QAM	1	0	21.00	21.46	21.46		
5	64QAM	1	12	20.96	21.46	21.49	22.5	2
5	64QAM	1	24	21.37	21.07	21.12		
5	64QAM	12	0	20.16	20.16	20.21		
5	64QAM	12	7	20.21	20.15	20.09	21.5	3
5	64QAM	12	13	20.18	20.15	20.21		
5	64QAM	25	0	20.24	20.16	20.05		
5	256QAM	1	0	18.30	18.34	18.26		
5	256QAM	1	12	18.12	18.36	18.17	19.5	5
5	256QAM	1	24	18.13	18.26	18.14		
5	256QAM	12	0	18.29	18.30	18.28		
5	256QAM	12	7	18.13	18.14	18.24	19.5	5
5	256QAM	12	13	18.21	18.26	18.24		
5	256QAM	25	0	18.18	18.30	18.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.24	23.30	23.19		
3	QPSK	1	8	23.02	23.23	23.21	24.5	0
3	QPSK	1	14	23.05	23.10	23.16		
3	QPSK	8	0	22.26	22.24	22.19		
3	QPSK	8	4	22.29	22.12	22.22	23.5	1
3	QPSK	8	7	22.22	22.11	22.18		
3	QPSK	15	0	22.19	22.26	22.14		
3	16QAM	1	0	22.43	22.49	22.68		
3	16QAM	1	8	22.58	22.49	22.63	23.5	1
3	16QAM	1	14	22.24	22.44	22.38		
3	16QAM	8	0	21.27	21.30	21.14		
3	16QAM	8	4	21.17	21.15	21.15	22.5	2
3	16QAM	8	7	21.10	21.08	21.18		
3	16QAM	15	0	21.17	21.19	21.20		
3	64QAM	1	0	21.00	21.48	21.47		
3	64QAM	1	8	21.03	21.47	21.49	22.5	2
3	64QAM	1	14	21.39	21.20	21.18		
3	64QAM	8	0	20.21	20.29	20.11		
3	64QAM	8	4	20.11	20.14	20.09	21.5	3
3	64QAM	8	7	20.10	20.13	20.21		
3	64QAM	15	0	20.17	20.21	20.14		
3	256QAM	1	0	18.29	18.28	18.34		
3	256QAM	1	8	18.19	18.25	18.24	19.5	5
3	256QAM	1	14	18.16	18.22	18.16		
3	256QAM	8	0	18.18	18.25	18.15		
3	256QAM	8	4	18.17	18.19	18.19	19.5	5
3	256QAM	8	7	18.20	18.26	18.26		
3	256QAM	15	0	18.25	18.22	18.17		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.27	23.32	23.25		
1.4	QPSK	1	3	23.01	23.14	23.15		
1.4	QPSK	1	5	23.10	23.07	23.02	24.5	0
1.4	QPSK	3	0	23.30	23.23	23.24		
1.4	QPSK	3	1	23.10	23.12	23.25		
1.4	QPSK	3	3	23.04	23.16	23.02		
1.4	QPSK	6	0	23.30	23.22	23.22	23.5	1
1.4	16QAM	1	0	22.18	22.24	22.25		
1.4	16QAM	1	3	22.15	22.13	22.10		
1.4	16QAM	1	5	22.18	22.28	22.18	23.5	1
1.4	16QAM	3	0	22.34	22.45	22.66		
1.4	16QAM	3	1	22.63	22.49	22.59		
1.4	16QAM	3	3	22.24	22.46	22.31		
1.4	16QAM	6	0	21.22	21.26	21.20	22.5	2
1.4	64QAM	1	0	21.24	21.17	21.12		
1.4	64QAM	1	3	21.10	21.14	21.09		
1.4	64QAM	1	5	21.14	21.23	21.09	22.5	2
1.4	64QAM	3	0	20.97	21.49	21.45		
1.4	64QAM	3	1	21.24	21.12	21.37		
1.4	64QAM	3	3	21.34	21.08	21.17		
1.4	64QAM	6	0	20.19	20.27	20.21	21.5	3
1.4	256QAM	1	0	18.30	18.25	18.32		
1.4	256QAM	1	3	18.20	18.23	18.22		
1.4	256QAM	1	5	18.13	18.33	18.20	19.5	5
1.4	256QAM	3	0	18.23	18.30	18.27		
1.4	256QAM	3	1	18.13	18.17	18.21		
1.4	256QAM	3	3	18.16	18.25	18.33		
1.4	256QAM	6	0	18.16	18.23	18.14	19.5	5

Band 2_Ant 11

BW [MHz]	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	22.80	22.92	22.88		
20	QPSK	1	49	22.74	22.85	22.79	24.6	0
20	QPSK	1	99	22.78	22.89	22.87		
20	QPSK	50	0	21.70	21.82	21.78		
20	QPSK	50	24	21.62	21.74	21.73	23.6	1
20	QPSK	50	50	21.69	21.79	21.73		
20	QPSK	100	0	21.67	21.77	21.73		
20	16QAM	1	0	21.78	21.91	21.86		
20	16QAM	1	49	21.92	22.01	21.96	23.6	1

Band 4_Ant 31

BW [MHz]	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	23.67	23.73	23.71		
20	QPSK	1	49	23.57	23.65	23.69	24.9	0
20	QPSK	1	99	23.49	23.54	23.64		
20	QPSK	50	0	22.68	22.71	22.70		
20	QPSK	50	24	22.64	22.68	22.68	23.9	1
20	QPSK	50	50	22.56	22.64	22.67		
20	QPSK	100	0	22.64	22.68	22.65		
20	16QAM	1	0	22.74	23.22	22.78		
20	16QAM	1	49	23.07	23.20	23.16	23.9	1
20	16QAM	1	99	23.08	22.76	22.99		
20	16QAM	50	0	21.48	21.64	21.70		
20	16QAM	50	24	21.60	21.66	21.72	22.9	2
20	16QAM	50	50	21.58	21.65	21.64		
20	16QAM	100	0	21.52	21.65	21.59		
20	64QAM	1	0	21.61	21.96	21.78		
20	64QAM	1	49	21.60	22.00	21.55	22.9	2
20	64QAM	1	99	21.54	21.83	21.38		
20	64QAM	50	0	20.61	20.70	20.67		
20	64QAM	50	24	20.62	20.68	20.66	21.9	3
20	64QAM	50	50	20.58	20.61	20.60		
20	64QAM	100	0	20.57	20.61	20.64		
20	256QAM	1	0	18.75	18.76	18.73		
20	256QAM	1	49	18.66	18.61	18.67	19.9	5
20	256QAM	1	99	18.66	18.73	18.72		
20	256QAM	50	0	21.54	18.68	18.59		
20	256QAM	50	24	18.67	18.66	18.67	19.9	5
20	256QAM	50	50	18.70	18.75	18.64		
20	256QAM	100	0	18.69	18.73	18.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.64	23.67	23.60		
15	QPSK	1	37	23.54	23.64	23.55	24.9	0
15	QPSK	1	74	23.48	23.49	23.57		
15	QPSK	36	0	22.61	22.60	22.63		
15	QPSK	36	20	22.62	22.63	22.64	23.9	1
15	QPSK	36	39	22.42	22.49	22.59		
15	QPSK	75	0	22.56	22.65	22.51		
15	16QAM	1	0	22.82	23.11	22.84		
15	16QAM	1	37	22.94	23.19	23.07	23.9	1
15	16QAM	1	74	23.07	22.69	22.91		
15	16QAM	36	0	21.44	21.57	21.60		
15	16QAM	36	20	21.51	21.55	21.59	22.9	2
15	16QAM	36	39	21.56	21.56	21.51		
15	16QAM	75	0	21.37	21.61	21.51		
15	64QAM	1	0	21.58	21.91	21.72		
15	64QAM	1	37	21.50	21.85	21.52	22.9	2
15	64QAM	1	74	21.60	21.78	21.35		
15	64QAM	36	0	20.58	20.64	20.61		
15	64QAM	36	20	20.54	20.56	20.53	21.9	3
15	64QAM	36	39	20.52	20.47	20.46		
15	64QAM	75	0	20.53	20.61	20.61		
15	256QAM	1	0	18.63	18.69	18.64		
15	256QAM	1	37	18.51	18.54	18.58	19.9	5
15	256QAM	1	74	18.56	18.63	18.68		
15	256QAM	36	0	18.55	18.58	18.58		
15	256QAM	36	20	18.63	18.51	18.56	19.9	5
15	256QAM	36	39	18.57	18.65	18.54		
15	256QAM	75	0	18.55	18.69	18.66		
Channel				20.54	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.53	23.58	23.56		
10	QPSK	1	25	23.51	23.51	23.66	24.9	0
10	QPSK	1	49	23.34	23.46	23.54		
10	QPSK	25	0	22.62	22.57	22.64		
10	QPSK	25	12	22.49	22.64	22.66	23.9	1
10	QPSK	25	25	22.54	22.61	22.64		
10	QPSK	50	0	22.60	22.59	22.52		
10	16QAM	1	0	22.61	23.08	22.71		
10	16QAM	1	25	22.99	23.05	23.10	23.9	1
10	16QAM	1	49	23.07	22.69	22.92		
10	16QAM	25	0	21.40	21.59	21.67		
10	16QAM	25	12	21.54	21.54	21.63	22.9	2
10	16QAM	25	25	21.48	21.64	21.58		
10	16QAM	50	0	21.42	21.58	21.53		
10	64QAM	1	0	21.54	21.95	21.73		
10	64QAM	1	25	21.46	21.89	21.43	22.9	2
10	64QAM	1	49	21.44	21.82	21.23		
10	64QAM	25	0	20.56	20.55	20.52		
10	64QAM	25	12	20.51	20.62	20.56	21.9	3
10	64QAM	25	25	20.45	20.53	20.54		
10	64QAM	50	0	20.48	20.52	20.58		
10	256QAM	1	0	18.72	18.65	18.58		
10	256QAM	1	25	18.56	18.49	18.58	19.9	5
10	256QAM	1	49	18.51	18.69	18.64		
10	256QAM	25	0	18.59	18.61	18.57		
10	256QAM	25	12	18.57	18.65	18.64	19.9	5
10	256QAM	25	25	18.60	18.71	18.49		
10	256QAM	50	0	18.60	18.67	18.58		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.62	23.64	23.70		
5	QPSK	1	12	23.51	23.54	23.61	24.9	0
5	QPSK	1	24	23.40	23.46	23.54		
5	QPSK	12	0	22.64	22.66	22.69		
5	QPSK	12	7	22.62	22.58	22.62	23.9	1
5	QPSK	12	13	22.53	22.54	22.63		
5	QPSK	25	0	22.55	22.66	22.60		
5	16QAM	1	0	22.73	23.13	22.69		
5	16QAM	1	12	23.05	23.12	23.01	23.9	1
5	16QAM	1	24	23.02	22.68	22.86		
5	16QAM	12	0	21.41	21.60	21.57		
5	16QAM	12	7	21.58	21.65	21.67	22.9	2
5	16QAM	12	13	21.54	21.55	21.61		
5	16QAM	25	0	21.39	21.51	21.49		
5	64QAM	1	0	21.56	21.87	21.65		
5	64QAM	1	12	21.50	21.90	21.43	22.9	2
5	64QAM	1	24	21.39	21.70	21.28		
5	64QAM	12	0	20.54	20.68	20.65		
5	64QAM	12	7	20.52	20.60	20.54	21.9	3
5	64QAM	12	13	20.46	20.59	20.45		
5	64QAM	25	0	20.42	20.58	20.51		
5	256QAM	1	0	18.66	18.65	18.68		
5	256QAM	1	12	18.51	18.52	18.58	19.9	5
5	256QAM	1	24	18.62	18.72	18.57		
5	256QAM	12	0	18.63	18.54	18.54		
5	256QAM	12	7	18.64	18.65	18.55	19.9	5
5	256QAM	12	13	18.57	18.67	18.57		
5	256QAM	25	0	18.68	18.68	18.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.63	23.60	23.62		
3	QPSK	1	8	23.45	23.59	23.54	24.9	0
3	QPSK	1	14	23.36	23.45	23.49		
3	QPSK	8	0	22.67	22.66	22.66		
3	QPSK	8	4	22.52	22.58	22.60	23.9	1
3	QPSK	8	7	22.50	22.59	22.61		
3	QPSK	15	0	22.59	22.58	22.53		
3	16QAM	1	0	22.66	23.12	22.67		
3	16QAM	1	8	22.99	23.19	23.03	23.9	1
3	16QAM	1	14	22.99	22.67	22.86		
3	16QAM	8	0	21.36	21.55	21.64		
3	16QAM	8	4	21.55	21.63	21.58	22.9	2
3	16QAM	8	7	21.50	21.51	21.54		
3	16QAM	15	0	21.44	21.60	21.49		
3	64QAM	1	0	21.47	21.88	21.66		
3	64QAM	1	8	21.59	21.93	21.45	22.9	2
3	64QAM	1	14	21.40	21.81	21.29		
3	64QAM	8	0	20.49	20.56	20.55		
3	64QAM	8	4	20.49	20.65	20.62	21.9	3
3	64QAM	8	7	20.47	20.51	20.45		
3	64QAM	15	0	20.53	20.60	20.54		
3	256QAM	1	0	18.61	18.66	18.60		
3	256QAM	1	8	18.61	18.49	18.54	19.9	5
3	256QAM	1	14	18.60	18.60	18.67		
3	256QAM	8	0	18.59	18.58	18.58		
3	256QAM	8	4	18.66	18.57	18.54	19.9	5
3	256QAM	8	7	18.67	18.70	18.53		
3	256QAM	15	0	18.61	18.64	18.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.62	23.72	23.56		
1.4	QPSK	1	3	23.46	23.52	23.62		
1.4	QPSK	1	5	23.43	23.39	23.58	24.9	0
1.4	QPSK	3	0	23.57	23.68	23.60		
1.4	QPSK	3	1	23.48	23.61	23.56		
1.4	QPSK	3	3	23.41	23.49	23.49		
1.4	QPSK	6	0	22.57	22.70	22.56	23.9	1
1.4	16QAM	1	0	22.50	22.58	22.58		
1.4	16QAM	1	3	22.55	22.58	22.64		
1.4	16QAM	1	5	22.56	22.57	22.61	23.9	1
1.4	16QAM	3	0	22.73	23.18	22.73		
1.4	16QAM	3	1	23.01	23.08	23.14		
1.4	16QAM	3	3	23.06	22.71	22.86		
1.4	16QAM	6	0	21.36	21.54	21.63	22.9	2
1.4	64QAM	1	0	21.57	21.92	21.65		
1.4	64QAM	1	3	21.48	21.54	21.57		
1.4	64QAM	1	5	21.38	21.64	21.57	22.9	2
1.4	64QAM	3	0	21.55	21.90	21.76		
1.4	64QAM	3	1	21.48	21.91	21.54		
1.4	64QAM	3	3	21.41	21.68	21.35		
1.4	64QAM	6	0	20.59	20.65	20.65	21.9	3
1.4	256QAM	1	0	18.61	18.70	18.71		
1.4	256QAM	1	3	18.59	18.56	18.54		
1.4	256QAM	1	5	18.64	18.64	18.65	19.9	5
1.4	256QAM	3	0	18.53	18.59	18.57		
1.4	256QAM	3	1	18.57	18.52	18.64		
1.4	256QAM	3	3	18.68	18.63	18.49		
1.4	256QAM	6	0	18.57	18.63	18.66	19.9	5

Band 4_Ant 11

BW [MHz]	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	19.77	19.70	19.75		
20	QPSK	1	49	19.64	19.72	19.59	20.9	0
20	QPSK	1	99	19.60	19.64	19.70		
20	QPSK	50	0	19.75	19.77	19.73		
20	QPSK	50	24	19.67	19.70	19.65	20.9	0
20	QPSK	50	50	19.61	19.65	19.67		
20	QPSK	100	0	19.73	19.75	19.71		
20	16QAM	1	0	19.72	19.60	19.62		
20	16QAM	1	49	19.64	19.64	19.70	20.9	0
20	16QAM	1	99	19.58	19.65	19.70		
20	16QAM	50	0	19.69	19.64	19.62		
20	16QAM	50	24	19.63	19.67	19.70	20.9	0
20	16QAM	50	50	19.63	19.70	19.60		
20	16QAM	100	0	19.70	19.60	19.59		
20	64QAM	1	0	19.72	19.61	19.65		
20	64QAM	1	49	19.58	19.60	19.68	20.9	0
20	64QAM	1	99	19.58	19.61	19.63		
20	64QAM	50	0	19.58	19.66	19.69		
20	64QAM	50	24	19.59	19.64	19.70	20.9	0
20	64QAM	50	50	19.67	19.61	19.69		
20	64QAM	100	0	19.70	19.74	19.68		
20	256QAM	1	0	18.81	18.83	18.80		
20	256QAM	1	49	18.74	18.80	18.75	19.9	1
20	256QAM	1	99	18.77	18.76	18.65		
20	256QAM	50	0	18.75	18.78	18.78		
20	256QAM	50	24	18.80	18.79	18.73	19.9	1
20	256QAM	50	50	18.72	18.81	18.72		
20	256QAM	100	0	18.74	18.77	18.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.69	19.71	19.57		
15	QPSK	1	37	19.58	19.72	19.70	20.9	0
15	QPSK	1	74	19.71	19.60	19.59		
15	QPSK	36	0	19.72	19.65	19.65		
15	QPSK	36	20	19.61	19.65	19.65	20.9	0
15	QPSK	36	39	19.71	19.73	19.58		
15	QPSK	75	0	19.68	19.62	19.59		
15	16QAM	1	0	19.58	19.63	19.61		
15	16QAM	1	37	19.62	19.64	19.63	20.9	0
15	16QAM	1	74	19.69	19.74	19.63		
15	16QAM	36	0	19.69	19.62	19.64		
15	16QAM	36	20	19.65	19.69	19.61	20.9	0
15	16QAM	36	39	19.65	19.66	19.67		
15	16QAM	75	0	19.58	19.67	19.59		
15	64QAM	1	0	19.61	19.73	19.69		
15	64QAM	1	37	19.60	19.69	19.61	20.9	0
15	64QAM	1	74	19.64	19.72	19.59		
15	64QAM	36	0	19.67	19.73	19.68		
15	64QAM	36	20	19.70	19.69	19.61	20.9	0
15	64QAM	36	39	19.66	19.70	19.67		
15	64QAM	75	0	19.71	19.64	19.70		
15	256QAM	1	0	18.67	18.76	18.74		
15	256QAM	1	37	18.71	18.79	18.63	19.9	1
15	256QAM	1	74	18.73	18.63	18.54		
15	256QAM	36	0	18.71	18.74	18.64		
15	256QAM	36	20	18.75	18.74	18.70	19.9	1
15	256QAM	36	39	18.71	18.68	18.68		
15	256QAM	75	0	18.68	18.66	18.59		
Channel				20.04	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.70	19.72	19.66		
10	QPSK	1	25	19.69	19.74	19.56	20.9	0
10	QPSK	1	49	19.68	19.74	19.60		
10	QPSK	25	0	19.59	19.66	19.66		
10	QPSK	25	12	19.60	19.61	19.58	20.9	0
10	QPSK	25	25	19.62	19.64	19.64		
10	QPSK	50	0	19.69	19.74	19.56		
10	16QAM	1	0	19.59	19.66	19.66		
10	16QAM	1	25	19.70	19.65	19.69	20.9	0
10	16QAM	1	49	19.63	19.66	19.61		
10	16QAM	25	0	19.67	19.64	19.60		
10	16QAM	25	12	19.65	19.62	19.66	20.9	0
10	16QAM	25	25	19.65	19.62	19.66		
10	16QAM	50	0	19.62	19.70	19.62		
10	64QAM	1	0	19.68	19.71	19.66		
10	64QAM	1	25	19.61	19.68	19.69	20.9	0
10	64QAM	1	49	19.61	19.60	19.65		
10	64QAM	25	0	19.72	19.61	19.67		
10	64QAM	25	12	19.65	19.72	19.63	20.9	0
10	64QAM	25	25	19.63	19.62	19.65		
10	64QAM	50	0	19.68	19.74	19.70		
10	256QAM	1	0	18.69	18.71	18.66		
10	256QAM	1	25	18.66	18.69	18.61	19.9	1
10	256QAM	1	49	18.66	18.72	18.54		
10	256QAM	25	0	18.72	18.71	18.74		
10	256QAM	25	12	18.74	18.78	18.65	19.9	1
10	256QAM	25	25	18.66	18.72	18.63		
10	256QAM	50	0	18.75	18.63	18.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.67	19.71	19.67		
5	QPSK	1	12	19.66	19.61	19.62	20.9	0
5	QPSK	1	24	19.69	19.60	19.61		
5	QPSK	12	0	19.60	19.66	19.66		
5	QPSK	12	7	19.72	19.63	19.57	20.9	0
5	QPSK	12	13	19.64	19.69	19.64		
5	QPSK	25	0	19.60	19.73	19.63		
5	16QAM	1	0	19.67	19.67	19.56		
5	16QAM	1	12	19.70	19.74	19.64	20.9	0
5	16QAM	1	24	19.63	19.68	19.63		
5	16QAM	12	0	19.59	19.70	19.52		
5	16QAM	12	7	19.67	19.74	19.66	20.9	0
5	16QAM	12	13	19.69	19.73	19.56		
5	16QAM	25	0	19.66	19.72	19.65		
5	64QAM	1	0	19.66	19.71	19.57		
5	64QAM	1	12	19.60	19.72	19.63	20.9	0
5	64QAM	1	24	19.67	19.65	19.56		
5	64QAM	12	0	19.68	19.62	19.64		
5	64QAM	12	7	19.72	19.60	19.61	20.9	0
5	64QAM	12	13	19.59	19.70	19.58		
5	64QAM	25	0	19.66	19.60	19.60		
5	256QAM	1	0	18.75	18.74	18.74		
5	256QAM	1	12	18.68	18.65	18.60	19.9	1
5	256QAM	1	24	18.68	18.70	18.67		
5	256QAM	12	0	18.65	18.63	18.65		
5	256QAM	12	7	18.71	18.66	18.66	19.9	1
5	256QAM	12	13	18.60	18.76	18.64		
5	256QAM	25	0	18.71	18.74	18.57		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.58	19.68	19.65		
3	QPSK	1	8	19.68	19.74	19.69	20.9	0
3	QPSK	1	14	19.64	19.60	19.70		
3	QPSK	8	0	19.62	19.62	19.64		
3	QPSK	8	4	19.67	19.70	19.65	20.9	0
3	QPSK	8	7	19.72	19.65	19.60		
3	QPSK	15	0	19.65	19.61	19.62		
3	16QAM	1	0	19.67	19.66	19.60		
3	16QAM	1	8	19.63	19.69	19.62	20.9	0
3	16QAM	1	14	19.63	19.70	19.58		
3	16QAM	8	0	19.72	19.64	19.59		
3	16QAM	8	4	19.66	19.73	19.60	20.9	0
3	16QAM	8	7	19.65	19.63	19.69		
3	16QAM	15	0	19.60	19.62	19.70		
3	64QAM	1	0	19.60	19.68	19.62		
3	64QAM	1	8	19.59	19.73	19.62	20.9	0
3	64QAM	1	14	19.61	19.60	19.63		
3	64QAM	8	0	19.66	19.62	19.66		
3	64QAM	8	4	19.71	19.72	19.56	20.9	0
3	64QAM	8	7	19.65	19.69	19.59		
3	64QAM	15	0	19.68	19.71	19.56		
3	256QAM	1	0	18.79	18.80	18.76		
3	256QAM	1	8	18.80	18.69	18.72	19.9	1
3	256QAM	1	14	18.70	18.72	18.53		
3	256QAM	8	0	18.73	18.75	18.74		
3	256QAM	8	4	18.79	18.78	18.60	19.9	1
3	256QAM	8	7	18.67	18.75	18.61		
3	256QAM	15	0	18.60	18.74	18.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.72	19.69	19.69		
1.4	QPSK	1	3	19.58	19.72	19.60		
1.4	QPSK	1	5	19.68	19.61	19.68	20.9	0
1.4	QPSK	3	0	19.61	19.64	19.60		
1.4	QPSK	3	1	19.60	19.74	19.68		
1.4	QPSK	3	3	19.68	19.67	19.69		
1.4	QPSK	6	0	19.68	19.70	19.59	20.9	0
1.4	16QAM	1	0	19.59	19.60	19.61		
1.4	16QAM	1	3	19.72	19.74	19.63		
1.4	16QAM	1	5	19.72	19.73	19.58	20.9	0
1.4	16QAM	3	0	19.61	19.69	19.60		
1.4	16QAM	3	1	19.63	19.71	19.59		
1.4	16QAM	3	3	19.68	19.67	19.62		
1.4	16QAM	6	0	19.61	19.71	19.63	20.9	0
1.4	64QAM	1	0	19.68	19.70	19.69		
1.4	64QAM	1	3	19.72	19.60	19.63		
1.4	64QAM	1	5	19.61	19.62	19.65	20.9	0
1.4	64QAM	3	0	19.70	19.72	19.69		
1.4	64QAM	3	1	19.61	19.62	19.62		
1.4	64QAM	3	3	19.72	19.72	19.66		
1.4	64QAM	6	0	19.67	19.73	19.70	20.9	0
1.4	256QAM	1	0	18.75	18.81	18.78		
1.4	256QAM	1	3	18.71	18.68	18.70		
1.4	256QAM	1	5	18.67	18.71	18.63	19.9	1
1.4	256QAM	3	0	18.62	18.74	18.69		
1.4	256QAM	3	1	18.65	18.70	18.67		
1.4	256QAM	3	3	18.60	18.73	18.70		
1.4	256QAM	6	0	18.68	18.75	18.58	19.9	1

Band 5_Ant 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.37	21.38	21.35		
10	QPSK	1	25	21.18	21.34	21.29	22.5	0
10	QPSK	1	49	21.30	21.25	21.21		
10	QPSK	25	0	21.35	21.36	21.33		
10	QPSK	25	12	21.19	21.30	21.28	22.5	0
10	QPSK	25	25	21.29	21.22	21.27		
10	QPSK	50	0	21.33	21.35	21.31		
10	16QAM	1	0	21.28	21.25	21.23		
10	16QAM	1	25

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.78	15.80	15.77		
20	QPSK	1	49	15.69	15.61	15.67	16.7	0
20	QPSK	1	99	15.59	15.74	15.70		
20	QPSK	50	0	15.76	15.78	15.75		
20	QPSK	50	24	15.59	15.76	15.70	16.7	0
20	QPSK	50	50	15.58	15.61	15.67		
20	QPSK	100	0	15.73	15.76	15.71		
20	16QAM	1	0	15.58	15.73	15.70		
20	16QAM	1	49	15.64	15.68	15.65	16.7	0
20	16QAM	1	99	15.58	15.69	15.66		
20	16QAM	50	0	15.62	15.66	15.66		
20	16QAM	50	24	15.68	15.71	15.67	16.7	0
20	16QAM	50	50	15.60	15.71	15.70		
20	16QAM	100	0	15.71	15.65	15.60		
20	64QAM	1	0	15.69	15.75	15.65		
20	64QAM	1	49	15.72	15.61	15.63	16.7	0
20	64QAM	1	99	15.65	15.64	15.59		
20	64QAM	50	0	15.59	15.62	15.58		
20	64QAM	50	24	15.59	15.61	15.63	16.7	0
20	64QAM	50	50	15.70	15.74	15.67		
20	64QAM	100	0	15.60	15.74	15.57		
20	256QAM	1	0	15.64	15.63	15.58		
20	256QAM	1	49	15.64	15.72	15.61	16.7	0
20	256QAM	1	99	15.60	15.73	15.67		
20	256QAM	50	0	15.61	15.67	15.64		
20	256QAM	50	24	15.71	15.67	15.61	16.7	0
20	256QAM	50	50	15.66	15.69	15.62		
20	256QAM	100	0	15.60	15.62	15.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.65	15.74	15.60		
15	QPSK	1	37	15.72	15.63	15.63	16.7	0
15	QPSK	1	74	15.58	15.72	15.70		
15	QPSK	36	0	15.60	15.75	15.65		
15	QPSK	36	20	15.69	15.64	15.57	16.7	0
15	QPSK	36	39	15.64	15.69	15.57		
15	QPSK	75	0	15.63	15.66	15.60		
15	16QAM	1	0	15.72	15.61	15.57		
15	16QAM	1	37	15.61	15.75	15.62	16.7	0
15	16QAM	1	74	15.65	15.67	15.63		
15	16QAM	36	0	15.67	15.63	15.66		
15	16QAM	36	20	15.72	15.64	15.68	16.7	0
15	16QAM	36	39	15.63	15.69	15.58		
15	16QAM	75	0	15.70	15.62	15.58		
15	64QAM	1	0	15.65	15.70	15.60		
15	64QAM	1	37	15.58	15.62	15.56	16.7	0
15	64QAM	1	74	15.65	15.66	15.61		
15	64QAM	36	0	15.58	15.65	15.61		
15	64QAM	36	20	15.61	15.62	15.56	16.7	0
15	64QAM	36	39	15.71	15.61	15.61		
15	64QAM	75	0	15.65	15.74	15.66		
15	256QAM	1	0	15.62	15.61	15.58		
15	256QAM	1	37	15.68	15.66	15.57	16.7	0
15	256QAM	1	74	15.67	15.64	15.64		
15	256QAM	36	0	15.67	15.67	15.68		
15	256QAM	36	20	15.61	15.64	15.60	16.7	0
15	256QAM	36	39	15.66	15.64	15.68		
15	256QAM	75	0	15.64	15.71	15.65		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.64	15.72	15.59		
10	QPSK	1	25	15.71	15.66	15.60	16.7	0
10	QPSK	1	49	15.62	15.61	15.61		
10	QPSK	25	0	15.69	15.72	15.59		
10	QPSK	25	12	15.63	15.64	15.63	16.7	0
10	QPSK	25	25	15.68	15.72	15.59		
10	QPSK	50	0	15.60	15.62	15.59		
10	16QAM	1	0	15.62	15.74	15.59		
10	16QAM	1	25	15.66	15.75	15.64	16.7	0
10	16QAM	1	49	15.69	15.68	15.65		
10	16QAM	25	0	15.67	15.66	15.58		
10	16QAM	25	12	15.64	15.72	15.67	16.7	0
10	16QAM	25	25	15.62	15.70	15.69		
10	16QAM	50	0	15.69	15.69	15.58		
10	64QAM	1	0	15.63	15.61	15.56		
10	64QAM	1	25	15.62	15.71	15.56	16.7	0
10	64QAM	1	49	15.60	15.63	15.68		
10	64QAM	25	0	15.70	15.75	15.58		
10	64QAM	25	12	15.62	15.65	15.60	16.7	0
10	64QAM	25	25	15.69	15.62	15.66		
10	64QAM	50	0	15.61	15.61	15.61		
10	256QAM	1	0	15.63	15.63	15.69		
10	256QAM	1	25	15.65	15.73	15.57	16.7	0
10	256QAM	1	49	15.62	15.61	15.63		
10	256QAM	25	0	15.68	15.61	15.59		
10	256QAM	25	12	15.67	15.75	15.57	16.7	0
10	256QAM	25	25	15.59	15.75	15.64		
10	256QAM	50	0	15.66	15.63	15.63		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.69	15.66	15.60		
5	QPSK	1	12	15.71	15.65	15.57	16.7	0
5	QPSK	1	24	15.64	15.66	15.60		
5	QPSK	12	0	15.59	15.74	15.57		
5	QPSK	12	7	15.70	15.64	15.60	16.7	0
5	QPSK	12	13	15.64	15.64	15.56		
5	QPSK	25	0	15.65	15.71	15.67		
5	16QAM	1	0	15.60	15.72	15.61		
5	16QAM	1	12	15.66	15.70	15.58	16.7	0
5	16QAM	1	24	15.62	15.66	15.66		
5	16QAM	12	0	15.59	15.66	15.63		
5	16QAM	12	7	15.72	15.62	15.65	16.7	0
5	16QAM	12	13	15.65	15.68	15.63		
5	16QAM	25	0	15.70	15.71	15.60		
5	64QAM	1	0	15.64	15.70	15.65		
5	64QAM	1	12	15.71	15.62	15.61	16.7	0
5	64QAM	1	24	15.66	15.71	15.58		
5	64QAM	12	0	15.70	15.70	15.60		
5	64QAM	12	7	15.72	15.61	15.62	16.7	0
5	64QAM	12	13	15.71	15.69	15.65		
5	64QAM	25	0	15.70	15.61	15.69		
5	256QAM	1	0	15.63	15.67	15.70		
5	256QAM	1	12	15.66	15.63	15.65	16.7	0
5	256QAM	1	24	15.58	15.68	15.67		
5	256QAM	12	0	15.68	15.71	15.57		
5	256QAM	12	7	15.61	15.72	15.66	16.7	0
5	256QAM	12	13	15.72	15.72	15.57		
5	256QAM	25	0	15.58	15.72	15.60		

Band 7_Ant 31

BW [MHz]	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	23.28	23.40	23.32		
20	QPSK	1	49	23.24	23.31	23.20	24.4	0
20	QPSK	1	99	23.23	23.37	23.28		
20	QPSK	50	0	22.26	22.40	22.35		
20	QPSK	50	24	22.19	22.33	22.25	23.4	1
20	QPSK	50	50	22.23	22.35	22.28		
20	QPSK	100	0	22.23	22.38	22.33		
20	16QAM	1	0	22.55	22.17	22.03		
20	16QAM	1	49	22.68	22.78	22.12	23.4	1
20	16QAM	1	99	22.60	22.46	22.38		
20	16QAM	50	0	21.17	21.32	21.20		
20	16QAM	50	24	21.19	21.37	21.20	22.4	2
20	16QAM	50	50	21.26	21.35	21.29		
20	16QAM	100	0	21.16	21.29	21.21		
20	64QAM	1	0	21.28	21.27	21.35		
20	64QAM	1	49	21.11	21.44	21.24	22.4	2
20	64QAM	1	99	21.24	21.39	21.24		
20	64QAM	50	0	20.21	20.30	20.11		
20	64QAM	50	24	20.20	20.33	20.31	21.4	3
20	64QAM	50	50	20.22	20.30	20.24		
20	64QAM	100	0	20.11	20.23	20.22		
20	256QAM	1	0	18.35	18.38	18.33		
20	256QAM	1	49	18.24	18.34	18.19	19.4	5
20	256QAM	1	99	18.31	18.28	18.18		
20	256QAM	50	0	18.23	18.36	18.30		
20	256QAM	50	24	18.26	18.28	18.19	19.4	5
20	256QAM	50	50	18.34	18.25	18.20		
20	256QAM	100	0	18.27	18.29	18.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.23	23.28	23.19		
15	QPSK	1	37	23.19	23.22	23.06	24.4	0
15	QPSK	1	74	23.11	23.34	23.16		
15	QPSK	36	0	22.11	22.36	22.22		
15	QPSK	36	20	22.15	22.21	22.16	23.4	1
15	QPSK	36	39	22.10	22.20	22.19		
15	QPSK	75	0	22.16	22.27	22.18		
15	16QAM	1	0	22.46	22.16	21.92		
15	16QAM	1	37	22.58	22.75	22.12	23.4	1
15	16QAM	1	74	22.59	22.39	22.34		
15	16QAM	36	0	21.12	21.25	21.12		
15	16QAM	36	20	21.12	21.27	21.09	22.4	2
15	16QAM	36	39	21.24	21.26	21.23		
15	16QAM	75	0	21.05	21.18	21.18		
15	64QAM	1	0	21.16	21.19	21.29		
15	64QAM	1	37	21.09	21.40	21.16	22.4	2
15	64QAM	1	74	21.09	21.17	21.19		
15	64QAM	36	0	20.14	20.15	20.03		
15	64QAM	36	20	20.09	20.31	20.30	21.4	3
15	64QAM	36	39	20.13	20.23	20.13		
15	64QAM	75	0	20.00	20.10	20.12		
15	256QAM	1	0	18.28	18.37	18.28		
15	256QAM	1	37	18.10	18.29	18.14	19.4	5
15	256QAM	1	74	18.24	18.16	18.03		
15	256QAM	36	0	18.20	18.32	18.18		
15	256QAM	36	20	18.23	18.24	18.11	19.4	5
15	256QAM	36	39	18.21	18.24	18.10		
15	256QAM	75	0	18.20	18.19	18.10		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.24	23.28	23.29		
10	QPSK	1	25	23.22	23.20	23.18	24.4	0
10	QPSK	1	49	23.16	23.34	23.20		
10	QPSK	25	0	22.21	22.37	22.21		
10	QPSK	25	12	22.06	22.21	22.18	23.4	1
10	QPSK	25	25	22.14	22.34	22.27		
10	QPSK	50	0	22.18	22.31	22.24		
10	16QAM	1	0	22.40	22.03	22.00		
10	16QAM	1	25	22.67	22.74	22.02	23.4	1
10	16QAM	1	49	22.46	22.41	22.30		
10	16QAM	25	0	21.08	21.20	21.09		
10	16QAM	25	12	21.07	21.23	21.19	22.4	2
10	16QAM	25	25	21.22	21.31	21.24		
10	16QAM	50	0	21.04	21.19	21.09		
10	64QAM	1	0	21.14	21.18	21.29		
10	64QAM	1	25	21.00	21.34	21.12	22.4	2
10	64QAM	1	49	21.20	21.23	21.20		
10	64QAM	25	0	20.18	20.17	20.03		
10	64QAM	25	12	20.09	20.29	20.21	21.4	3
10	64QAM	25	25	20.13	20.26	20.22		
10	64QAM	50	0	20.02	20.20	20.15		
10	256QAM	1	0	18.27	18.37	18.25		
10	256QAM	1	25	18.10	18.29	18.04	19.4	5
10	256QAM	1	49	18.17	18.27	18.08		
10	256QAM	25	0	18.15	18.26	18.26		
10	256QAM	25	12	18.24	18.17	18.06	19.4	5
10	256QAM	25	25	18.25	18.15	18.13		
10	256QAM	50	0	18.12	18.17	18.17		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.21	23.25	23.20		
5	QPSK	1	12	23.19	23.24	23.15	24.4	0
5	QPSK	1	24	23.17	23.35	23.27		
5	QPSK	12	0	22.11	22.29	22.29		
5	QPSK	12	7	22.13	22.24	22.11	23.4	1
5	QPSK	12	13	22.09	22.32	22.27		
5	QPSK	25	0	22.10	22.36	22.25		
5	16QAM	1	0	22.52	22.09	22.01		
5	16QAM	1	12	22.67	22.75	22.10	23.4	1
5	16QAM	1	24	22.47	22.40	22.34		
5	16QAM	12	0	21.16	21.21	21.12		
5	16QAM	12	7	21.10	21.28	21.14	22.4	2
5	16QAM	12	13	21.24	21.32	21.15		
5	16QAM	25	0	21.12	21.20	21.11		
5	64QAM	1	0	21.13	21.16	21.22		
5	64QAM	1	12	20.97	21.42	21.18	22.4	2
5	64QAM	1	24	21.13	21.15	21.18		
5	64QAM	12	0	20.08	20.25	20.09		
5	64QAM	12	7	20.14	20.19	20.17	21.4	3
5	64QAM	12	13	20.07	20.25	20.10		
5	64QAM	25	0	20.10	20.14	20.07		
5	256QAM	1	0	18.20	18.33	18.22		
5	256QAM	1	12	18.22	18.26	18.12	19.4	5
5	256QAM	1	24	18.16	18.24	18.08		
5	256QAM	12	0	18.16	18.29	18.21		
5	256QAM	12	7	18.12	18.21	18.09	19.4	5
5	256QAM	12	13	18.24	18.20	18.15		
5	256QAM	25	0	18.22	18.23	18.12		

Band 7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.41	17.43	17.40		
20	QPSK	1	49	17.24	17.38	17.20	18.4	0
20	QPSK	1	99	17.22	17.37	17.21		
20	QPSK	50	0	17.40	17.41	17.38		
20	QPSK	50	24	17.24	17.30	17.24	18.4	0
20	QPSK	50	50	17.23	17.31	17.22		
20	QPSK	100	0	17.37	17.39	17.35		
20	16QAM	1	0	17.22	17.26	17.22		
20	16QAM	1	49	17.29	17.35	17.22	18.4	0
20	16QAM	1	99	17.27	17.28	17.25		
20	16QAM	50	0	17.34	17.32	17.25		
20	16QAM	50	24	17.22	17.30	17.22	18.4	0
20	16QAM	50	50	17.31	17.36	17.34		
20	16QAM	100	0	17.33	17.24	17.27		
20	64QAM	1	0	17.27	17.34	17.28		
20	64QAM	1	49	17.27	17.33	17.27	18.4	0
20	64QAM	1	99	17.29	17.35	17.22		
20	64QAM	50	0	17.31	17.26	17.25		
20	64QAM	50	24	17.29	17.37	17.31	18.4	0
20	64QAM	50	50	17.31	17.25	17.32		
20	64QAM	100	0	17.25	17.30	17.26		
20	256QAM	1	0	17.23	17.33	17.22		
20	256QAM	1	49	17.22	17.24	17.28	18.4	0
20	256QAM	1	99	17.34	17.24	17.30		
20	256QAM	50	0	17.22	17.28	17.21		
20	256QAM	50	24	17.27	17.35	17.23	18.4	0
20	256QAM	50	50	17.28	17.38	17.29		
20	256QAM	100	0	17.34	17.38	17.21		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.27	17.29	17.20		
15	QPSK	1	37	17.31	17.25	17.23	18.4	0
15	QPSK	1	74	17.23	17.30	17.31		
15	QPSK	36	0	17.32	17.29	17.25		
15	QPSK	36	20	17.36	17.38	17.28	18.4	0
15	QPSK	36	39	17.32	17.30	17.22		
15	QPSK	75	0	17.34	17.33	17.34		
15	16QAM	1	0	17.32	17.27	17.20		
15	16QAM	1	37	17.24	17.31	17.26	18.4	0
15	16QAM	1	74	17.22	17.24	17.31		
15	16QAM	36	0	17.31	17.34	17.21		
15	16QAM	36	20	17.28	17.30	17.31	18.4	0
15	16QAM	36	39	17.26	17.33	17.28		
15	16QAM	75	0	17.26	17.26	17.31		
15	64QAM	1	0	17.31	17.27	17.31		
15	64QAM	1	37	17.23	17.29	17.32	18.4	0
15	64QAM	1	74	17.29	17.35	17.28		
15	64QAM	36	0	17.25	17.28	17.29		
15	64QAM	36	20	17.31	17.32	17.26	18.4	0
15	64QAM	36	39	17.27	17.34	17.33		
15	64QAM	75	0	17.25	17.36	17.20		
15	256QAM	1	0	17.27	17.27	17.22		
15	256QAM	1	37	17.29	17.24	17.31	18.4	0
15	256QAM	1	74	17.28	17.28	17.28		
15	256QAM	36	0	17.32	17.24	17.29		
15	256QAM	36	20	17.22	17.31	17.20	18.4	0
15	256QAM	36	39	17.24	17.28	17.21		
15	256QAM	75	0	17.31	17.38	17.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.28	17.35	17.29		
10	QPSK	1	25	17.26	17.34	17.31	18.4	0
10	QPSK	1	49	17.25	17.38	17.33		
10	QPSK	25	0	17.30	17.26	17.26		
10	QPSK	25	12	17.30	17.25	17.21	18.4	0
10	QPSK	25	25	17.26	17.31	17.31		
10	QPSK	50	0	17.31	17.35	17.33		
10	16QAM	1	0	17.34	17.25	17.22		
10	16QAM	1	25	17.22	17.32	17.34	18.4	0
10	16QAM	1	49	17.26	17.37	17.30		
10	16QAM	25	0	17.31	17.38	17.24		
10	16QAM	25	12	17.26	17.37	17.32	18.4	0
10	16QAM	25	25	17.28	17.33	17.27		
10	16QAM	50	0	17.33	17.24	17.20		
10	64QAM	1	0	17.36	17.28	17.31		
10	64QAM	1	25	17.32	17.29	17.29	18.4	0
10	64QAM	1	49	17.34	17.35	17.33		
10	64QAM	25	0	17.25	17.29	17.23		
10	64QAM	25	12	17.29	17.37	17.31	18.4	0
10	64QAM	25	25	17.24	17.24	17.21		
10	64QAM	50	0	17.28	17.24	17.31		
10	256QAM	1	0	17.31	17.35	17.24		
10	256QAM	1	25	17.32	17.24	17.24	18.4	0
10	256QAM	1	49	17.30	17.37	17.25		
10	256QAM	25	0	17.33	17.26	17.29		
10	256QAM	25	12	17.23	17.35	17.27	18.4	0
10	256QAM	25	25	17.22	17.37	17.29		
10	256QAM	50	0	17.25	17.38	17.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.29	17.36	17.25		
5	QPSK	1	12	17.32	17.32	17.25	18.4	0
5	QPSK	1	24	17.32	17.30	17.32		
5	QPSK	12	0	17.34	17.25	17.33		
5	QPSK	12	7	17.31	17.35	17.25	18.4	0
5	QPSK	12	13	17.26	17.35	17.30		
5	QPSK	25	0	17.33	17.34	17.22		
5	16QAM	1	0	17.22	17.38	17.21		
5	16QAM	1	12	17.24	17.26	17.31	18.4	0
5	16QAM	1	24	17.30	17.36	17.33		
5	16QAM	12	0	17.29	17.32	17.26		
5	16QAM	12	7	17.24	17.24	17.20	18.4	0
5	16QAM	12	13	17.36	17.27	17.29		
5	16QAM	25	0	17.24	17.24	17.34		
5	64QAM	1	0	17.22	17.37	17.22		
5	64QAM	1	12	17.27	17.38	17.32	18.4	0
5	64QAM	1	24	17.31	17.30	17.27		
5	64QAM	12	0	17.23	17.36	17.20		
5	64QAM	12	7	17.29	17.38	17.28	18.4	0
5	64QAM	12	13	17.36	17.25	17.27		
5	64QAM	25	0	17.28	17.31	17.25		
5	256QAM	1	0	17.31	17.34	17.23		
5	256QAM	1	12	17.34	17.26	17.27	18.4	0
5	256QAM	1	24	17.30	17.28	17.22		
5	256QAM	12	0	17.28	17.32	17.34		
5	256QAM	12	7	17.27	17.38	17.28	18.4	0
5	256QAM	12	13	17.25	17.36	17.26		
5	256QAM	25	0	17.29	17.38	17.25		

Band 12_Ant 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.83	23.85	23.81		
10	QPSK	1	25	23.74	23.72	23.71	24.7	0
10	QPSK	1	49	23.80	23.80	23.76		
10	QPSK	25	0	22.81	22.83	22.80		
10	QPSK	25	12	22.72	22.70	22.72	23.7	1
10	QPSK	25	25	22.73	22.76	22.72		
10	QPSK	50	0	22.78	22.80	22.77		
10	16QAM	1	0	22.88	22.95	22.97		
10	16QAM	1	25	22.96	22.96	22.92	23.7	1
10	16QAM	1

Band 12_Ant 31

BW [MHz]	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	24.00	24.07	24.03		
10	QPSK	1	25	23.87	23.93	23.85	25	0
10	QPSK	1	49	23.88	23.82	23.84		
10	QPSK	25	0	22.92	23.05	22.94		
10	QPSK	25	12	22.84	22.93	22.84	24	1
10	QPSK	25	25	22.88	22.89	22.85		
10	QPSK	50	0	22.84	23.01	22.89		
10	16QAM	1	0	22.59	23.41	22.80		
10	16QAM	1	25	23.29	22.77	23.17	24	1
10	16QAM	1	49	23.24	23.28	22.92		
10	16QAM	25	0	21.74	21.83	21.87		
10	16QAM	25	12	21.83	21.87	21.77	23	2
10	16QAM	25	25	21.86	21.88	21.84		
10	16QAM	50	0	21.77	21.88	21.82		
10	64QAM	1	0	22.00	22.11	21.58		
10	64QAM	1	25	21.88	22.10	21.93	23	2
10	64QAM	1	49	22.01	21.74	22.11		
10	64QAM	25	0	20.71	20.76	20.75		
10	64QAM	25	12	20.85	20.88	20.81	22	3
10	64QAM	25	25	20.89	20.81	20.88		
10	64QAM	50	0	20.85	20.85	20.81		
10	256QAM	1	0	18.89	18.90	18.86		
10	256QAM	1	25	18.85	18.86	18.77	20	5
10	256QAM	1	49	18.80	18.88	18.72		
10	256QAM	25	0	18.83	18.88	18.74		
10	256QAM	25	12	18.78	18.84	18.81	20	5
10	256QAM	25	25	18.81	18.78	18.80		
10	256QAM	50	0	18.85	18.78	18.73		
Channel				23005	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.99	23.98	23.90		
5	QPSK	1	12	23.74	23.84	23.72	25	0
5	QPSK	1	24	23.73	23.78	23.77		
5	QPSK	12	0	22.83	23.04	22.81		
5	QPSK	12	7	22.76	22.76	22.79	24	1
5	QPSK	12	13	22.82	22.79	22.75		
5	QPSK	25	0	22.69	22.99	22.76		
5	16QAM	1	0	22.57	23.27	22.76		
5	16QAM	1	12	23.16	22.64	23.08	24	1
5	16QAM	1	24	23.16	23.22	22.84		
5	16QAM	12	0	21.67	21.80	21.75		
5	16QAM	12	7	21.69	21.76	21.74	23	2
5	16QAM	12	13	21.75	21.81	21.71		
5	16QAM	25	0	21.69	21.76	21.72		
5	64QAM	1	0	21.90	22.08	21.50		
5	64QAM	1	12	21.82	22.00	21.92	23	2
5	64QAM	1	24	21.91	21.71	22.00		
5	64QAM	12	0	20.56	20.73	20.73		
5	64QAM	12	7	20.72	20.74	20.77	22	3
5	64QAM	12	13	20.78	20.79	20.81		
5	64QAM	25	0	20.71	20.76	20.78		
5	256QAM	1	0	18.87	18.82	18.80		
5	256QAM	1	12	18.77	18.84	18.67	20	5
5	256QAM	1	24	18.67	18.85	18.70		
5	256QAM	12	0	18.71	18.83	18.63		
5	256QAM	12	7	18.73	18.74	18.66	20	5
5	256QAM	12	13	18.78	18.68	18.68		
5	256QAM	25	0	18.81	18.68	18.61		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.87	24.03	23.96		
3	QPSK	1	8	23.74	23.88	23.72	25	0
3	QPSK	1	14	23.77	23.77	23.81		
3	QPSK	8	0	22.78	22.90	22.87		
3	QPSK	8	4	22.75	22.79	22.73	24	1
3	QPSK	8	7	22.86	22.76	22.75		
3	QPSK	15	0	22.73	22.92	22.83		
3	16QAM	1	0	22.54	23.39	22.75		
3	16QAM	1	8	23.26	22.68	23.16	24	1
3	16QAM	1	14	23.13	23.21	22.82		
3	16QAM	8	0	21.70	21.79	21.74		
3	16QAM	8	4	21.70	21.78	21.69	23	2
3	16QAM	8	7	21.75	21.77	21.79		
3	16QAM	15	0	21.68	21.77	21.75		
3	64QAM	1	0	21.96	21.98	21.51		
3	64QAM	1	8	21.81	22.04	21.91	23	2
3	64QAM	1	14	21.97	21.72	22.00		
3	64QAM	8	0	20.70	20.75	20.60		
3	64QAM	8	4	20.73	20.73	20.77	22	3
3	64QAM	8	7	20.76	20.75	20.74		
3	64QAM	15	0	20.73	20.77	20.76		
3	256QAM	1	0	18.88	18.78	18.72		
3	256QAM	1	8	18.70	18.82	18.67	20	5
3	256QAM	1	14	18.77	18.79	18.65		
3	256QAM	8	0	18.78	18.82	18.69		
3	256QAM	8	4	18.73	18.79	18.78	20	5
3	256QAM	8	7	18.69	18.72	18.73		
3	256QAM	15	0	18.70	18.71	18.67		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.91	23.92	23.98		
1.4	QPSK	1	3	23.82	23.79	23.81		
1.4	QPSK	1	5	23.87	23.70	23.83	25	0
1.4	QPSK	3	0	23.99	23.93	23.89		
1.4	QPSK	3	1	23.85	23.82	23.70		
1.4	QPSK	3	3	23.75	23.80	23.69		
1.4	QPSK	6	0	22.81	22.94	22.82	24	1
1.4	16QAM	1	0	22.81	22.68	22.73		
1.4	16QAM	1	3	22.84	22.78	22.71		
1.4	16QAM	1	5	22.72	22.97	22.82	24	1
1.4	16QAM	3	0	22.53	23.39	22.78		
1.4	16QAM	3	1	23.14	22.63	23.10		
1.4	16QAM	3	3	23.16	23.19	22.87		
1.4	16QAM	6	0	21.62	21.77	21.85	23	2
1.4	64QAM	1	0	21.77	21.72	21.70		
1.4	64QAM	1	3	21.80	21.75	21.76		
1.4	64QAM	1	5	21.74	21.82	21.80	23	2
1.4	64QAM	3	0	21.91	22.00	21.47		
1.4	64QAM	3	1	21.78	21.95	21.86		
1.4	64QAM	3	3	21.87	21.65	22.02		
1.4	64QAM	6	0	20.69	20.63	20.70	22	3
1.4	256QAM	1	0	18.82	18.80	18.80		
1.4	256QAM	1	3	18.72	18.71	18.70		
1.4	256QAM	1	5	18.72	18.76	18.59	20	5
1.4	256QAM	3	0	18.82	18.76	18.65		
1.4	256QAM	3	1	18.76	18.70	18.74		
1.4	256QAM	3	3	18.74	18.75	18.79		
1.4	256QAM	6	0	18.72	18.75	18.70	20	5

Band 13_Ant 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		23.56			
10	QPSK	1	25		23.32		24.7	0
10	QPSK	1	49		23.36			
10	QPSK	25	0		22.56			
10	QPSK	25	12		22.31		23.7	1
10	QPSK	25	25		22.29			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.51			
10	16QAM	1	25		22.53		23.7	1
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.26			
10	16QAM	25	12		21.29		22.7	2
10	16QAM	25	25		21.26			
10	16QAM	50	0		21.28			
10	64QAM	1	0		21.41			
10	64QAM	1	25		21.47		22.7	2
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.24			
10	64QAM	25	12		20.28		21.7	3
10	64QAM	25	25		20.26			
10	64QAM	50	0		20.26			
10	256QAM	1	0		18.37			
10	256QAM	1	25		18.30		19.7	5
10	256QAM	1	49		18.31			
10	256QAM	25	0		18.24			
10	256QAM	25	12		18.23		19.7	5
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.48	23.55		
5	QPSK	1	12	23.24	23.24	23.20	24.7	0
5	QPSK	1	24	23.33	23.21	23.23		
5	QPSK	12	0	22.46	22.42	22.51		
5	QPSK	12	7	22.22	22.29	22.16	23.7	1
5	QPSK	12	13	22.21	22.20	22.18		
5	QPSK	25	0	22.47	22.49	22.43		
5	16QAM	1	0	22.40	22.50	22.42		
5	16QAM	1	12	22.38	22.40	22.39	23.7	1
5	16QAM	1	24	22.43	22.48	22.45		
5	16QAM	12	0	21.20	21.23	21.23		
5	16QAM	12	7	21.26	21.25	21.22	22.7	2
5	16QAM	12	13	21.16	21.17	21.25		
5	16QAM	25	0	21.20	21.25	21.20		
5	64QAM	1	0	21.28	21.37	21.27		
5	64QAM	1	12	21.45	21.38	21.44	22.7	2
5	64QAM	1	24	21.43	21.38	21.39		
5	64QAM	12	0	20.20	20.15	20.19		
5	64QAM	12	7	20.17	20.15	20.15	21.7	3
5	64QAM	12	13	20.25	20.23	20.20		
5	64QAM	25	0	20.24	20.24	20.17		
5	256QAM	1	0	18.30	18.26	18.33		
5	256QAM	1	12	18.22	18.17	18.25	19.7	5
5	256QAM	1	24	18.22	18.27	18.30		
5	256QAM	12	0	18.14	18.15	18.12		
5	256QAM	12	7	18.18	18.11	18.22	19.7	5
5	256QAM	12	13	18.11	18.10	18.12		
5	256QAM	25	0	18.20	18.27	18.27		

Band 13_Ant 31

BW [MHz]	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		23.65			
10	QPSK	1	25		23.57		25	0
10	QPSK	1	49		23.56			
10	QPSK	25	0		22.63			
10	QPSK	25	12		22.60		24	1
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.60			
10	16QAM	1	0		22.57			
10	16QAM	1	25		22.54		24	1
10	16QAM	1	49		22.69			
10	16QAM	25	0		21.50			
10	16QAM	25	12		21.54		23	2
10	16QAM	25	25		21.59			
10	16QAM	50	0		21.50			
10	64QAM	1	0		21.87			
10	64QAM	1	25		21.56		23	2
10	64QAM	1	49		21.42			
10	64QAM	25	0		20.47			
10	64QAM	25	12		20.54		22	3
10	64QAM	25	25		20.45			
10	64QAM	50	0		20.56			
10	256QAM	1	0		18.58			
10	256QAM	1	25		18.48		20	5
10	256QAM	1	49		18.52			
10	256QAM	25	0		18.43			
10	256QAM	25	12		18.44		20	5
10	256QAM	25	25		18.46			
10	256QAM	50	0		18.46			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.63	23.55		
5	QPSK	1	12	23.54	23.45	23.56	25	0
5	QPSK	1	24	23.50	23.51	23.49		
5	QPSK	12	0	22.55	22.52	22.56		
5	QPSK	12	7	22.55	22.50	22.51	24	1
5	QPSK	12	13	22.48	22.45	22.45		
5	QPSK	25	0	22.53	22.47	22.45		
5	16QAM	1	0	22.56	22.43	22.50		
5	16QAM	1	12	22.46	22.40	22.51	24	1
5	16QAM	1	24	22.56	22.64	22.59		
5	16QAM	12	0	21.47	21.38	21.42		
5	16QAM	12	7	21.42	21.40	21.45	23	2
5	16QAM	12	13	21.49	21.52	21.54		
5	16QAM	25	0	21.38	21.43	21.36		
5	64QAM	1	0	21.76	21.76	21.72		
5	64QAM	1	12	21.49	21.54	21.53	23	2
5	64QAM	1	24	21.34	21.37	21.28		
5	64QAM	12	0	20.43	20.38	20.40		
5	64QAM	12	7	20.51	20.45	20.39	22	3
5	64QAM	12	13	20.33	20.39	20.38		
5	64QAM	25	0	20.52	20.42	20.47		
5	256QAM	1	0	18.49	18.45	18.46		
5	256QAM	1	12	18.33	18.36	18.46	20	5
5	256QAM	1	24	18.47	18.40	18.45		
5	256QAM	12	0	18.33	18.41	18.35		
5	256QAM	12	7	18.40	18.43	18.32	20	5
5	256QAM	12	13	18.40	18.40	18.36		
5	256QAM	25	0	18.32	18.40	18.32		

Band 17_Ant 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.33	23.35	23.31		
10	QPSK	1	25	22.66	22.66	22.69	24.2	0
10	QPSK	1	49	22.72	22.69	22.66		
10	QPSK	25	0	22.76	22.76	22.73		
10	QPSK	25	12	22.65	22.66	22.65	23.7	0.5
10	QPSK	25	25	22.69	22.69	22.68		
10	QPSK	50	0	22.73	22.75	22.71		
10	16QAM	1	0	22.83	22.86	22.86		
10	16QAM	1	25	22.89	22.88	22.82	23.7	0.5
10	16QAM	1	49	22.96	22.95	22.93		
10	16QAM	25	0	21.63	21.64	21.62		
10	16QAM	25	12	21.64	21.62	21.62	22.7	1.5
10	16QAM	25	25	21.68	21.66	21.67		
10	16QAM	50	0	21.66	21.65	21.65		
10	64QAM	1	0	21.72	21.79	21.76		
10	64QAM	1	25	21.76	21.78	21.79	22.7	1.5
10	64QAM	1	49	21.85	21.85	21.85		
10	64QAM	25	0	20.61	20.62	20.63		
10	64QAM	25	12	20.63	20.62	20.63	21.7	2.5
10	64QAM	25	25	20.67	20.66	20.66		
10	64QAM	50	0	20.64	20.65	20.64		
10	256QAM	1	0	18.68	18.70	18.67		
10	256QAM	1	25	18.64	18.66	18.54	19.7	4.5
10	256QAM	1	49	18.63	18.55	18.63		
10	256QAM	25	0	18.63	18.65	18.61		
10	256QAM	25	12	18.60	18.55	18.61	19.7	4.5
10	256QAM	25	25	18.63	18.59	18.55		
10	256QAM	50	0	18.61	18.67	18.66		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.70	22.70	22.70		
5	QPSK	1	12	22.66	22.68	22.72	24.2	0
5	QPSK	1	24	22.61	22.76	22.64		
5	QPSK	12	0	22.67	22.63	22.69		
5	QPSK	12	7	22.62	22.57	22.64	23.7	0.5
5	QPSK	12	13	22.59	22.64	22.59		
5	QPSK	25	0	22.61	22.69	22.67		
5	16QAM	1	0	22.75	22.81	22.81		
5	16QAM	1	12	22.87	22.74	22.76	23.7	0.5
5	16QAM	1	24	22.89	22.91	22.79		
5	16QAM	12	0	21.61	21.54	21.57		
5	16QAM	12	7	21.62	21.56	21.47	22.7	1.5
5	16QAM	12	13	21.64	21.57	21.64		
5	16QAM	25	0	21.55	21.57	21.60		
5	64QAM	1	0	21.69	21.77	21.61		
5	64QAM	1	12	21.67	21.69	21.73	22.7	1.5
5	64QAM	1	24	21.75	21.77	21.79		
5	64QAM	12	0	20.60	20.59	20.52		
5	64QAM	12	7	20.55	20.61	20.50	21.7	2.5
5	64QAM	12	13	20.62	20.55	20.52		
5	64QAM	25	0	20.60	20.57	20.57		
5	256QAM	1	0	18.54	18.56	18.66		
5	256QAM	1	12	18.61	18.55	18.50	19.7	4.5
5	256QAM	1	24	18.58	18.43	18.50		
5	256QAM	12	0	18.49	18.53	18.59		
5	256QAM	12	7	18.56	18.46	18.48	19.7	4.5
5	256QAM	12	13	18.54	18.55	18.46		
5	256QAM	25	0	18.48	18.59	18.57		

Band 17_Ant 31

BW [MHz]	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	24.01	24.03	23.99	25	0
10	QPSK	1	25	24.00	23.90	23.97		
10	QPSK	1	49	23.98	23.99	23.94		
10	QPSK	25	0	22.98	23.00	22.95	24	1
10	QPSK	25	12	22.92	22.92	22.91		
10	QPSK	25	25	22.94	22.90	22.93		
10	QPSK	50	0	22.95	22.97	22.93		
10	16QAM	1	0	23.09	22.95	22.95	24	1
10	16QAM	1	25	23.25	23.01	23.26		
10	16QAM	1	49	23.06	23.14	23.42		
10	16QAM	25	0	21.82	21.83	21.92	23	2
10	16QAM	25	12	21.90	21.88	21.93		
10	16QAM	25	25	21.95	21.97	21.90		
10	16QAM	50	0	21.90	21.90	21.86		
10	64QAM	1	0	22.16	22.16	21.70	23	2
10	64QAM	1	25	22.18	21.89	22.18		
10	64QAM	1	49	22.25	22.28	22.24		
10	64QAM	25	0	20.82	20.88	20.85	22	3
10	64QAM	25	12	20.90	20.85	20.81		
10	64QAM	25	25	20.91	20.86	20.93		
10	64QAM	50	0	20.91	20.93	20.85		
10	256QAM	1	0	18.87	18.90	18.85	20	5
10	256QAM	1	25	18.86	18.84	18.81		
10	256QAM	1	49	18.82	18.87	18.83		
10	256QAM	25	0	18.76	18.85	18.81	20	5
10	256QAM	25	12	18.76	18.85	18.76		
10	256QAM	25	25	18.86	18.80	18.79		
10	256QAM	50	0	18.79	18.89	18.77		
Channel				23725	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.89	24.01	23.87	25	0
5	QPSK	1	12	23.86	23.77	23.88		
5	QPSK	1	24	23.87	23.88	23.79		
5	QPSK	12	0	22.90	22.92	22.85	24	1
5	QPSK	12	7	22.77	22.86	22.78		
5	QPSK	12	13	22.84	22.88	22.81		
5	QPSK	25	0	22.90	22.95	22.88		
5	16QAM	1	0	23.03	22.93	22.87	24	1
5	16QAM	1	12	23.13	22.91	23.12		
5	16QAM	1	24	22.97	23.05	23.39		
5	16QAM	12	0	21.79	21.82	21.89	23	2
5	16QAM	12	7	21.87	21.83	21.82		
5	16QAM	12	13	21.86	21.85	21.82		
5	16QAM	25	0	21.79	21.87	21.75		
5	64QAM	1	0	22.12	22.04	21.55	23	2
5	64QAM	1	12	22.13	21.78	22.13		
5	64QAM	1	24	22.17	22.14	22.19		
5	64QAM	12	0	20.75	20.84	20.77	22	3
5	64QAM	12	7	20.75	20.83	20.80		
5	64QAM	12	13	20.79	20.76	20.81		
5	64QAM	25	0	20.80	20.82	20.75		
5	256QAM	1	0	18.77	18.79	18.80	20	5
5	256QAM	1	12	18.72	18.71	18.67		
5	256QAM	1	24	18.70	18.79	18.68		
5	256QAM	12	0	18.85	18.71	18.71	20	5
5	256QAM	12	7	18.67	18.76	18.70		
5	256QAM	12	13	18.78	18.75	18.71		
5	256QAM	25	0	18.65	18.81	18.65		

Band 26_Ant 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.78	21.80	21.77	22.7	0
15	QPSK	1	37	21.74	21.61	21.63		
15	QPSK	1	74	21.60	21.69	21.59		
15	QPSK	36	0	21.77	21.76	21.75		
15	QPSK	36	20	21.68	21.67	21.59		
15	QPSK	36	39	21.67	21.66	21.62		
15	QPSK	75	0	21.75	21.76	21.73		
15	16QAM	1	0	21.72	21.69	21.69	22.7	0
15	16QAM	1	37	21.70	21.68	21.68		
15	16QAM	1	74	21.71	21.69	21.58		
15	16QAM	36	0	21.73	21.70	21.71		
15	16QAM	36	20	21.62	21.73	21.64		
15	16QAM	36	39	21.62	21.68	21.59		
15	16QAM	75	0	21.65	21.66	21.69		
15	64QAM	1	0	21.61	21.70	21.72	22.7	0
15	64QAM	1	37	21.64	21.67	21.58		
15	64QAM	1	74	21.69	21.68	21.69		
15	64QAM	36	0	20.54	20.56	20.59	21.7	1
15	64QAM	36	20	20.58	20.57	20.59		
15	64QAM	36	39	20.58	20.57	20.56		
15	64QAM	75	0	20.62	20.58	20.61		
15	256QAM	1	0	18.63	18.65	18.61	19.7	3
15	256QAM	1	37	18.61	18.58	18.53		
15	256QAM	1	74	18.58	18.62	18.58		
15	256QAM	36	0	18.60	18.52	18.49	19.7	3
15	256QAM	36	20	18.60	18.63	18.46		
15	256QAM	36	39	18.53	18.53	18.57		
15	256QAM	75	0	18.61	18.64	18.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.72	21.71	21.66	22.7	0
10	QPSK	1	25	21.68	21.68	21.60		
10	QPSK	1	49	21.74	21.66	21.67		
10	QPSK	25	0	21.63	21.74	21.58	22.7	0
10	QPSK	25	12	21.68	21.68	21.59		
10	QPSK	25	25	21.72	21.70	21.66		
10	QPSK	50	0	21.65	21.72	21.72		
10	16QAM	1	0	21.66	21.64	21.71	22.7	0
10	16QAM	1	25	21.63	21.71	21.65		
10	16QAM	1	49	21.66	21.63	21.59		
10	16QAM	25	0	21.70	21.68	21.69	22.7	0
10	16QAM	25	12	21.74	21.64	21.58		
10	16QAM	25	25	21.67	21.70	21.72		
10	16QAM	50	0	21.74	21.71	21.67		
10	64QAM	1	0	21.64	21.73	21.59	22.7	0
10	64QAM	1	25	21.63	21.74	21.62		
10	64QAM	1	49	21.63	21.67	21.66		
10	64QAM	25	0	20.41	20.49	20.48	21.7	1
10	64QAM	25	12	20.54	20.49	20.48		
10	64QAM	25	25	20.48	20.46	20.51		
10	64QAM	50	0	20.51	20.51	20.43		
10	256QAM	1	0	18.57	18.57	18.55	19.7	3
10	256QAM	1	25	18.47	18.43	18.38		
10	256QAM	1	49	18.53	18.56	18.54		
10	256QAM	25	0	18.57	18.41	18.38	19.7	3
10	256QAM	25	12	18.55	18.48	18.36		
10	256QAM	25	25	18.45	18.40	18.45		
10	256QAM	50	0	18.47	18.56	18.34		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.70	21.68	21.59	22.7	0
5	QPSK	1	12	21.67	21.65	21.67		
5	QPSK	1	24	21.68	21.64	21.61		
5	QPSK	12	0	21.70	21.61	21.66	22.7	0
5	QPSK	12	7	21.62	21.61	21.61		
5	QPSK	12	13	21.74	21.71	21.64		
5	QPSK	25	0	21.62	21.69	21.61		
5	16QAM	1	0	21.68	21.72	21.69	22.7	0
5	16QAM	1	12	21.60	21.67	21.72		
5	16QAM	1	24	21.61	21.69	21.65		
5	16QAM	12	0	21.70	21.69	21.68	22.7	0
5	16QAM	12	7	21.62	21.75	21.71		
5	16QAM	12	13	21.71	21.70	21.65		
5	16QAM	25	0	21.72	21.67	21.62		
5	64QAM	1	0	21.70	21.73	21.63	22.7	0
5	64QAM	1	12	21.66	21.75	21.72		
5	64QAM	1	24	21.67	21.63	21.60		
5	64QAM	12	0	20.53	20.43	20.51	21.7	1
5	64QAM	12	7	20.52	20.53	20.47		
5	64QAM	12	13	20.52	20.46	20.48		
5	64QAM	25	0	20.41	20.45	20.51		
5	256QAM	1	0	18.53	18.64	18.60	19.7	3
5	256QAM	1	12	18.51	18.56	18.42		
5	256QAM	1	24	18.44	18.58	18.52		
5	256QAM	12	0	18.55	18.48	18.37	19.7	3
5	256QAM	12	7	18.45	18.55	18.43		
5	256QAM	12	13	18.48	18.42	18.48		
5	256QAM	25	0	18.60	18.51	18.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.68	21.74	21.68	22.7	0
3	QPSK	1	8	21.74	21.72	21.65		
3	QPSK	1	14	21.72	21.74	21.63		
3	QPSK	8	0	21.62	21.72	21.63	22.7	0
3	QPSK	8	4	21.71	21.64	21.70		
3	QPSK	8	7	21.60	21.62	21.70		
3	QPSK	15	0	21.69	21.69	21.71		
3	16QAM	1	0	21.65	21.75	21.70	22.7	0
3	16QAM	1	8	21.66	21.75	21.59		
3	16QAM	1	14	21.61	21.70	21.70		
3	16QAM	8	0	21.64	21.69	21.65	22.7	0
3	16QAM	8	4	21.74	21.62	21.58		
3	16QAM	8	7	21.69	21.66	21.71		
3	16QAM	15	0	21.66	21.63	21.67		
3	64QAM	1	0	21.64	21.67	21.65	22.7	0
3	64QAM	1	8	21.61	21.72	21.66		
3	64QAM	1	14	21.69	21.66	21.58		
3	64QAM	8	0	20.47	20.55	20.54	21.7	1
3	64QAM	8	4	20.51	20.52	20.54		
3	64QAM	8	7	20.54	20.52	20.42		
3	64QAM	15	0	20.42	20.50	20.55		
3	256QAM	1	0	18.59	18.53	18.57	19.7	3
3	256QAM	1	8	18.53	18.45	18.48		
3	256QAM	1	14	18.50	18.49	18.51		
3	256QAM	8	0	18.58	18.46	18.48	19.7	3
3	256QAM	8	4	18.57	18.52	18.43		
3	256QAM	8	7	18.42	18.40	18.56		
3	256QAM	15	0	18.55	18.63	18.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.67	21.62	21.66	22.7	0
1.4	QPSK	1	3	21.63	21.74	21.62		
1.4	QPSK	1	5	21.68	21.71	21.58		
1.4	QPSK	3	0	21.72	21.73	21.67		
1.4	QPSK	3	1	21.73	21.69	21.58		
1.4	QPSK	3	3	21.70	21.66	21.59		
1.4	QPSK	6	0	21.68	21.65	21.69	22.7	0
1.4	16QAM	1	0	21.64	21.74	21.66	22.7	0
1.4	16QAM	1	3	21.60	21.63	21.60		
1.4	16QAM	1	5	21.62	21.74	21.70		
1.4	16QAM	3	0	21.68	21.69	21.59		
1.4	16QAM	3	1	21.64	21.72	21.63		
1.4	16QAM	3	3	21.63	21.71	21.60		
1.4	16QAM	6	0	21.68	21.62	21.65	22.7	0
1.4	64QAM	1	0	21.74	21.69	21.58	22.7	0
1.4	64QAM	1	3	21.70	21.74	21.63		
1.4	64QAM	1	5	21.71	21.65	21.66		
1.4	64QAM	3	0	21.60	21.68	21.59		
1.4	64QAM	3	1	21.72	21.64	21.64		
1.4	64QAM	3	3	21.68	21.72	21.63		
1.4	64QAM	6	0	20.41	20.48	20.44	21.7	1
1.4	256QAM	1	0	18.61	18.58	18.48	19.7	3
1.4	256QAM	1	3	18.57	18.47	18.43		
1.4	256QAM	1	5	18.55	18.57	18.47		
1.4	256QAM	3	0	18.47	18.46	18.42		
1.4	256QAM	3	1	18.45	18.51	18.45		
1.4	256QAM	3	3	18.42	18.51	18.50		
1.4	256QAM	6	0	18.47	18.53	18.43	19.7	3

Band 26_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.63	23.69	23.65	25	0
15	QPSK	1	37	23.62	23.60	23.60		
15	QPSK	1	74	23.55	23.64	23.56		
15	QPSK	36	0	22.63	22.60	22.64	24	1
15	QPSK	36	20	22.62	22.59	22.63		
15	QPSK	36	39	22.61	22.61	22.60		
15	QPSK	75	0	22.62	22.65	22.62		
15	16QAM	1	0	23.00	22.66	22.58	24	1
15	16QAM	1	37	23.00	22.77	23.11		
15	16QAM	1	74	22.61	22.55	22.62		
15	16QAM	36	0	21.64	21.59	21.59	23	2
15	16QAM	36	20	21.70	21.64	21.63		
15	16QAM	36	39	21.62	21.57	21.59		
15	16QAM	75	0	21.62	21.64	21.67		
15	64QAM	1	0	21.84	21.55	22.00	23	2
15	64QAM	1	37	21.65	21.73	21.92		
15	64QAM	1	74	21.68	21.67	21.69		
15	64QAM	36	0	20.64	20.60	20.67	22	3
15	64QAM	36	20	20.67	20.66	20.66		
15	64QAM	36	39	20.60	20.59	20.59		
15	64QAM	75	0	20.63	20.64	20.64		
15	256QAM	1	0	18.63	18.65	18.61	20	5
15	256QAM	1	37	18.54	18.51	18.49		
15	256QAM	1	74	18.56	18.64	18.54		
15	256QAM	36	0	18.51	18.62	18.48	20	5
15	256QAM	36	20	18.51	18.59	18.49		
15	256QAM	36	39	18.60	18.55	18.56		
15	256QAM	75	0	18.59	18.62	18.48		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.62	23.58	23.52	25	0
10	QPSK	1	25	23.47	23.48	23.51		
10	QPSK	1	49	23.50	23.51	23.45		
10	QPSK	25	0	22.56	22.64	22.61	24	1
10	QPSK	25	12	22.45	22.46	22.60		
10	QPSK	25	25	22.52	22.54	22.52		
10	QPSK	50	0	22.51	22.64	22.54		
10	16QAM	1	0	22.97	22.58	22.56	24	1
10	16QAM	1	25	22.98	22.71	22.99		
10	16QAM	1	49	22.48	22.51	22.48		
10	16QAM	25	0	21.50	21.46	21.51	23	2
10	16QAM	25	12	21.63	21.56	21.56		
10	16QAM	25	25	21.53	21.53	21.58		
10	16QAM	50	0	21.57	21.57	21.61		
10	64QAM	1	0	21.83	21.40	21.92	23	2
10	64QAM	1	25	21.62	21.59	21.78		
10	64QAM	1	49	21.72	21.83	21.41		
10	64QAM	25	0	20.52	20.45	20.65	22	3
10	64QAM	25	12	20.65	20.53	20.61		
10	64QAM	25	25	20.48	20.57	20.52		
10	64QAM	50	0	20.50	20.49	20.57		
10	256QAM	1	0	18.49	18.62	18.46	20	5
10	256QAM	1	25	18.52	18.37	18.39		
10	256QAM	1	49	18.46	18.55	18.41		
10	256QAM	25	0	18.39	18.58	18.43	20	5
10	256QAM	25	12	18.49	18.54	18.48		
10	256QAM	25	25	18.46	18.48	18.42		
10	256QAM	50	0	18.46	18.55	18.44		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.49	23.58	23.59	25	0
5	QPSK	1	12	23.58	23.54	23.57		
5	QPSK	1	24	23.45	23.56	23.55		
5	QPSK	12	0	22.62	22.67	22.53	24	1
5	QPSK	12	7	22.55	22.46	22.49		
5	QPSK	12	13	22.57	22.60	22.50		
5	QPSK	25	0	22.60	22.54	22.54		
5	16QAM	1	0	22.89	22.57	22.47	24	1
5	16QAM	1	12	22.94	22.64	23.06		
5	16QAM	1	24	22.55	22.48	22.48		
5	16QAM	12	0	21.50	21.58	21.58	23	2
5	16QAM	12	7	21.62	21.57	21.61		
5	16QAM	12	13	21.57	21.54	21.47		
5	16QAM	25	0	21.56	21.59	21.55		
5	64QAM	1	0	21.72	21.47	21.86	23	2
5	64QAM	1	12	21.60	21.66	21.84		
5	64QAM	1	24	21.81	21.93	21.32		
5	64QAM	12	0	20.57	20.57	20.58	22	3
5	64QAM	12	7	20.63	20.61	20.63		
5	64QAM	12	13	20.48	20.46	20.44		
5	64QAM	25	0	20.53	20.50	20.57		
5	256QAM	1	0	18.48	18.62	18.49	20	5
5	256QAM	1	12	18.40	18.48	18.37		
5	256QAM	1	24	18.43	18.59	18.53		
5	256QAM	12	0	18.50	18.50	18.43	20	5
5	256QAM	12	7	18.37	18.54	18.44		
5	256QAM	12	13	18.55	18.49	18.50		
5	256QAM	25	0	18.60	18.60	18.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.59	23.65	23.62	25	0
3	QPSK	1	8	23.52	23.57	23.59		
3	QPSK	1	14	23.48	23.59	23.47		
3	QPSK	8	0	22.62	22.57	22.59	24	1
3	QPSK	8	4	22.54	22.55	22.53		
3	QPSK	8	7	22.49	22.59	22.49		
3	QPSK	15	0	22.56	22.59	22.49		
3	16QAM	1	0	22.93	22.62	22.52	24	1
3	16QAM	1	8	22.89	22.63	23.09		
3	16QAM	1	14	22.55	22.48	22.53		
3	16QAM	8	0	21.60	21.47	21.49	23	2
3	16QAM	8	4	21.74	21.54	21.52		
3	16QAM	8	7	21.57	21.43	21.51		
3	16QAM	15	0	21.56	21.60	21.62		
3	64QAM	1	0	21.79	21.51	21.87	23	2
3	64QAM	1	8	21.61	21.64	21.85		
3	64QAM	1	14	21.84	21.85	21.40		
3	64QAM	8	0	20.52	20.48	20.57	22	3
3	64QAM	8	4	20.54	20.57	20.56		
3	64QAM	8	7	20.52	20.52	20.42		
3	64QAM	15	0	20.60	20.61	20.59		
3	256QAM	1	0	18.62	18.64	18.46	20	5
3	256QAM	1	8	18.43	18.47	18.41		
3	256QAM	1	14	18.58	18.58	18.43		
3	256QAM	8	0	18.47	18.50	18.46	20	5
3	256QAM	8	4	18.37	18.57	18.42		
3	256QAM	8	7	18.45	18.50	18.55		
3	256QAM	15	0	18.50	18.49	18.45		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.58	23.63	25	0
1.4	QPSK	1	3	23.53	23.52	23.49		
1.4	QPSK	1	5	23.47	23.49	23.55		
1.4	QPSK	3	0	23.48	23.60	23.52		
1.4	QPSK	3	1	23.60	23.51	23.48		
1.4	QPSK	3	3	23.44	23.61	23.50		
1.4	QPSK	6	0	23.62	22.62	22.56	24	1
1.4	16QAM	1	0	22.47	22.51	22.60	24	1
1.4	16QAM	1	3	22.55	22.51	22.47		
1.4	16QAM	1	5	22.51	22.62	22.59		
1.4	16QAM	3	0	22.96	22.65	22.50		
1.4	16QAM	3	1	22.90	22.66	22.96		
1.4	16QAM	3	3	22.59	22.53	22.48		
1.4	16QAM	6	0	21.54	21.50	21.44	23	2
1.4	64QAM	1	0	21.55	21.55	21.59	23	2
1.4	64QAM	1	3	21.71	21.64	21.45		
1.4	64QAM	1	5	21.48	21.58	21.53		
1.4	64QAM	3	0	21.83	21.41	21.92		
1.4	64QAM	3	1	21.59	21.71	21.88		
1.4	64QAM	3	3	21.71	21.95	21.36		
1.4	64QAM	6	0	20.63	20.51	20.62	22	3
1.4	256QAM	1	0	18.53	18.51	18.59	20	5
1.4	256QAM	1	3	18.39	18.50	18.35		
1.4	256QAM	1	5	18.49	18.58	18.46		
1.4	256QAM	3	0	18.39	18.58	18.39		
1.4	256QAM	3	1	18.48	18.50	18.37		
1.4	256QAM	3	3	18.50	18.52	18.43		
1.4	256QAM	6	0	18.44	18.48	18.41	20	5

Band 66_Ant 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.90	16.92	16.89	17.7	0
20	QPSK	1	49	16.84	16.81	16.83		
20	QPSK	1	99	16.81	16.81	16.77		
20	QPSK	50	0	16.89	16.90	16.87	17.7	0
20	QPSK	50	24	16.86	16.86	16.79		
20	QPSK	50	50	16.84	16.85	16.72		
20	QPSK	100	0	16.87	16.88	16.85		
20	16QAM	1	0	16.75	16.73	16.70	17.7	0
20	16QAM	1	49	16.78	16.79	16.80		
20	16QAM	1	99	16.80	16.79	16.80

Band 66_Ant 31

BW [MHz]	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	23.81	23.85	23.80	24.9	0
20	QPSK	1	49	23.66	23.82	23.60		
20	QPSK	1	99	23.61	23.76	23.49		
20	QPSK	50	0	22.78	22.86	22.73	23.9	1
20	QPSK	50	24	22.67	22.84	22.63		
20	QPSK	50	50	22.65	22.79	22.58		
20	QPSK	100	0	22.75	22.82	22.71		
20	16QAM	1	0	23.15	23.03	22.69	23.9	1
20	16QAM	1	49	23.13	23.29	22.89		
20	16QAM	1	99	23.05	22.86	22.47		
20	16QAM	50	0	21.64	21.81	21.61	22.9	2
20	16QAM	50	24	21.70	21.83	21.59		
20	16QAM	50	50	21.68	21.74	21.54		
20	16QAM	100	0	21.66	21.77	21.59		
20	64QAM	1	0	21.90	22.04	21.82	22.9	2
20	64QAM	1	49	21.52	21.79	21.97		
20	64QAM	1	99	21.49	21.96	21.68		
20	64QAM	50	0	20.75	20.78	20.60	21.9	3
20	64QAM	50	24	20.68	20.75	20.58		
20	64QAM	50	50	20.60	20.69	20.55		
20	64QAM	100	0	20.65	20.73	20.56		
20	256QAM	1	0	18.81	18.83	18.80	19.9	5
20	256QAM	1	49	18.74	18.82	18.74		
20	256QAM	1	99	18.79	18.81	18.73		
20	256QAM	50	0	18.71	18.82	18.75	19.9	5
20	256QAM	50	24	18.69	18.72	18.70		
20	256QAM	50	50	18.78	18.69	18.73		
20	256QAM	100	0	18.76	18.72	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.75	23.75	23.74	24.9	0
15	QPSK	1	37	23.63	23.75	23.52		
15	QPSK	1	74	23.60	23.62	23.36		
15	QPSK	36	0	22.75	22.73	22.71	23.9	1
15	QPSK	36	20	22.58	22.74	22.49		
15	QPSK	36	39	22.54	22.73	22.52		
15	QPSK	75	0	22.71	22.72	22.62		
15	16QAM	1	0	23.12	23.00	22.58	23.9	1
15	16QAM	1	37	23.03	23.23	22.56		
15	16QAM	1	74	22.97	22.77	22.38		
15	16QAM	36	0	21.57	21.66	21.54	22.9	2
15	16QAM	36	20	21.67	21.79	21.55		
15	16QAM	36	39	21.62	21.73	21.42		
15	16QAM	75	0	21.56	21.72	21.57		
15	64QAM	1	0	21.89	22.00	21.80	22.9	2
15	64QAM	1	37	21.46	21.70	21.82		
15	64QAM	1	74	21.43	21.94	21.62		
15	64QAM	36	0	20.66	20.76	20.56	21.9	3
15	64QAM	36	20	20.53	20.69	20.48		
15	64QAM	36	39	20.46	20.54	20.42		
15	64QAM	75	0	20.64	20.60	20.48		
15	256QAM	1	0	18.73	18.76	18.70	19.9	5
15	256QAM	1	37	18.70	18.80	18.72		
15	256QAM	1	74	18.72	18.67	18.67		
15	256QAM	36	0	18.59	18.68	18.74	19.9	5
15	256QAM	36	20	18.63	18.69	18.77		
15	256QAM	36	39	18.75	18.61	18.64		
15	256QAM	75	0	18.61	18.57	18.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.76	23.83	23.69	24.9	0
10	QPSK	1	25	23.62	23.75	23.46		
10	QPSK	1	49	23.46	23.70	23.44		
10	QPSK	25	0	22.67	22.78	22.71	23.9	1
10	QPSK	25	12	22.59	22.82	22.50		
10	QPSK	25	25	22.62	22.69	22.57		
10	QPSK	50	0	22.65	22.81	22.61		
10	16QAM	1	0	23.06	22.91	22.66	23.9	1
10	16QAM	1	25	23.10	23.27	22.56		
10	16QAM	1	49	22.91	22.80	22.34		
10	16QAM	25	0	21.58	21.73	21.46	22.9	2
10	16QAM	25	12	21.67	21.74	21.47		
10	16QAM	25	25	21.64	21.65	21.50		
10	16QAM	50	0	21.52	21.68	21.48		
10	64QAM	1	0	21.87	22.02	21.77	22.9	2
10	64QAM	1	25	21.51	21.77	21.84		
10	64QAM	1	49	21.48	21.89	21.67		
10	64QAM	25	0	20.60	20.67	20.49	21.9	3
10	64QAM	25	12	20.55	20.64	20.49		
10	64QAM	25	25	20.49	20.67	20.49		
10	64QAM	50	0	20.59	20.70	20.52		
10	256QAM	1	0	18.75	18.70	18.72	19.9	5
10	256QAM	1	25	18.71	18.68	18.64		
10	256QAM	1	49	18.68	18.78	18.69		
10	256QAM	25	0	18.67	18.70	18.60	19.9	5
10	256QAM	25	12	18.56	18.68	18.76		
10	256QAM	25	25	18.77	18.57	18.61		
10	256QAM	50	0	18.66	18.71	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.72	23.72	23.75	24.9	0
5	QPSK	1	12	23.64	23.75	23.47		
5	QPSK	1	24	23.51	23.73	23.48		
5	QPSK	12	0	22.72	22.73	22.64	23.9	1
5	QPSK	12	7	22.62	22.72	22.59		
5	QPSK	12	13	22.57	22.64	22.46		
5	QPSK	25	0	22.68	22.71	22.61		
5	16QAM	1	0	23.06	23.01	22.63	23.9	1
5	16QAM	1	12	23.05	23.18	22.61		
5	16QAM	1	24	22.97	22.80	22.44		
5	16QAM	12	0	21.62	21.68	21.52	22.9	2
5	16QAM	12	7	21.66	21.74	21.54		
5	16QAM	12	13	21.54	21.61	21.51		
5	16QAM	25	0	21.62	21.65	21.45		
5	64QAM	1	0	21.77	21.96	21.77	22.9	2
5	64QAM	1	12	21.39	21.65	21.89		
5	64QAM	1	24	21.45	21.91	21.58		
5	64QAM	12	0	20.63	20.72	20.45	21.9	3
5	64QAM	12	7	20.60	20.60	20.54		
5	64QAM	12	13	20.56	20.66	20.49		
5	64QAM	25	0	20.50	20.61	20.53		
5	256QAM	1	0	18.70	18.77	18.72	19.9	5
5	256QAM	1	12	18.60	18.67	18.68		
5	256QAM	1	24	18.68	18.68	18.64		
5	256QAM	12	0	18.69	18.69	18.73	19.9	5
5	256QAM	12	7	18.61	18.68	18.72		
5	256QAM	12	13	18.65	18.55	18.58		
5	256QAM	25	0	18.64	18.67	18.68		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.69	23.84	23.68	24.9	0
3	QPSK	1	8	23.61	23.73	23.47		
3	QPSK	1	14	23.57	23.72	23.42		
3	QPSK	8	0	22.76	22.75	22.69	23.9	1
3	QPSK	8	4	22.58	22.80	22.60		
3	QPSK	8	7	22.63	22.73	22.49		
3	QPSK	15	0	22.74	22.79	22.58		
3	16QAM	1	0	23.01	22.91	22.59	23.9	1
3	16QAM	1	8	23.04	23.25	22.59		
3	16QAM	1	14	22.90	22.74	22.42		
3	16QAM	8	0	21.50	21.70	21.54	22.9	2
3	16QAM	8	4	21.55	21.70	21.56		
3	16QAM	8	7	21.54	21.66	21.45		
3	16QAM	15	0	21.53	21.75	21.46		
3	64QAM	1	0	21.77	22.00	21.71	22.9	2
3	64QAM	1	8	21.46	21.64	21.85		
3	64QAM	1	14	21.48	21.86	21.54		
3	64QAM	8	0	20.73	20.76	20.57	21.9	3
3	64QAM	8	4	20.56	20.73	20.57		
3	64QAM	8	7	20.46	20.67	20.49		
3	64QAM	15	0	20.57	20.68	20.53		
3	256QAM	1	0	18.74	18.79	18.73	19.9	5
3	256QAM	1	8	18.66	18.68	18.73		
3	256QAM	1	14	18.78	18.79	18.68		
3	256QAM	8	0	18.68	18.81	18.69	19.9	5
3	256QAM	8	4	18.63	18.57	18.70		
3	256QAM	8	7	18.72	18.68	18.60		
3	256QAM	15	0	18.74	18.61	18.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.75	23.74	23.78	24.9	0
1.4	QPSK	1	3	23.60	23.80	23.52		
1.4	QPSK	1	5	23.53	23.70	23.36		
1.4	QPSK	3	0	23.75	23.81	23.69		
1.4	QPSK	3	1	23.61	23.67	23.54		
1.4	QPSK	3	3	23.50	23.70	23.42		
1.4	QPSK	6	0	22.65	22.83	22.71	23.9	1
1.4	16QAM	1	0	22.52	22.74	22.60	23.9	1
1.4	16QAM	1	3	22.55	22.69	22.46		
1.4	16QAM	1	5	22.72	22.67	22.63		
1.4	16QAM	3	0	23.01	22.91	22.58		
1.4	16QAM	3	1	23.01	23.22	22.61		
1.4	16QAM	3	3	22.94	22.78	22.35		
1.4	16QAM	6	0	21.50	21.73	21.56	22.9	2
1.4	64QAM	1	0	21.55	21.82	21.47	22.9	2
1.4	64QAM	1	3	21.63	21.72	21.53		
1.4	64QAM	1	5	21.52	21.62	21.54		
1.4	64QAM	3	0	21.80	21.97	21.68		
1.4	64QAM	3	1	21.45	21.78	21.91		
1.4	64QAM	3	3	21.42	21.82	21.54		
1.4	64QAM	6	0	20.74	20.71	20.47	21.9	3
1.4	256QAM	1	0	18.78	18.72	18.77	19.9	5
1.4	256QAM	1	3	18.63	18.72	18.64		
1.4	256QAM	1	5	18.75	18.71	18.70		
1.4	256QAM	3	0	18.68	18.69	18.63		
1.4	256QAM	3	1	18.63	18.70	18.72		
1.4	256QAM	3	3	18.72	18.54	18.63		
1.4	256QAM	6	0	18.62	18.59	18.65	19.9	5

Band 66_Ant 11

BW [MHz]	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	19.81	19.83	19.80	20.9	0
20	QPSK	1	49	19.69	19.74	19.60		
20	QPSK	1	99	19.62	19.69	19.68		
20	QPSK	50	0	19.74	19.80	19.77	20.9	0
20	QPSK	50	24	19.62	19.66	19.69		
20	QPSK	50	50	19.67	19.64	19.64		
20	QPSK	100	0	19.77	19.78	19.75		
20	16QAM	1	0	19.63	19.64	19.68	20.9	0
20	16QAM	1	49	19.71	19.77	19.69		
20	16QAM	1	99	19.67	19.77	19.72		
20	16QAM	50	0	19.66	19.76	19.60	20.9	0
20	16QAM	50	24	19.62	19.77	19.67		
20	16QAM	50	50	19.73	19.72	19.68		
20	16QAM	100	0	19.63	19.63	19.65		
20	64QAM	1	0	19.74	19.69	19.65	20.9	0
20	64QAM	1	49	19.62	19.77	19.74		
20	64QAM	1	99	19.76	19.70	19.68		
20	64QAM	50	0	19.63	19.75	19.63	20.9	0
20	64QAM	50	24	19.65	19.71	19.61		
20	64QAM	50	50	19.67	19.65	19.61		
20	64QAM	100	0	19.62	19.65	19.68		
20	256QAM	1	0	18.80	18.81	18.78	19.9	1
20	256QAM	1	49	18.73	18.70	18.75		
20	256QAM	1	99	18.65	18.71	18.73		
20	256QAM	50	0	18.74	18.67	18.70	19.9	1
20	256QAM	50	24	18.79	18.73	18.72		
20	256QAM	50	50	18.72	18.70	18.72		
20	256QAM	100	0	18.68	18.70	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.71	19.73	19.65	20.9	0
15	QPSK	1	37	19.68	19.67	19.71		
15	QPSK	1	74	19.74	19.70	19.68		
15	QPSK	36	0	19.75	19.66	19.67	20.9	0
15	QPSK	36	20	19.74	19.71	19.65		
15	QPSK	36	39	19.68	19.72	19.68		
15	QPSK	75	0	19.65	19.68	19.67	20.9	0
15	16QAM	1	0	19.63	19.74	19.67		
15	16QAM	1	37	19.73	19.64	19.72		
15	16QAM	1	74	19.72	19.69	19.61		
15	16QAM	36	0	19.63	19.65	19.60	20.9	0
15	16QAM	36	20	19.72	19.72	19.63		
15	16QAM	36	39	19.70	19.64	19.65		
15	16QAM	75	0	19.72	19.69	19.66		
15	64QAM	1	0	19.72	19.75	19.68	20.9	0
15	64QAM	1	37	19.69	19.64	19.73		
15	64QAM	1	74	19.69	19.71	19.69		
15	64QAM	36	0	19.71	19.63	19.60	20.9	0
15	64QAM	36	20	19.62	19.75	19.61		
15	64QAM	36	39	19.64	19.74	19.69		
15	64QAM	75	0	19.72	19.69	19.63		
15	256QAM	1	0	18.76	18.67	18.70	19.9	1
15	256QAM	1	37	18.68	18.67	18.71		
15	256QAM	1	74	18.60	18.59	18.58		
15	256QAM	36	0	18.71	18.55	18.68	19.9	1
15	256QAM	36	20	18.69	18.64	18.60		
15	256QAM	36	39	18.58	18.57	18.59		
15	256QAM	75	0	18.54	18.58	18.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.65	19.65	19.71	20.9	0
10	QPSK	1	25	19.69	19.77	19.63		
10	QPSK	1	49	19.73	19.69	19.68		
10	QPSK	25	0	19.76	19.71	19.64	20.9	0
10	QPSK	25	12	19.68	19.76	19.73		
10	QPSK	25	25	19.74	19.72	19.61		
10	QPSK	50	0	19.68	19.63	19.70		
10	16QAM	1	0	19.72	19.69	19.72	20.9	0
10	16QAM	1	25	19.68	19.69	19.67		
10	16QAM	1	49	19.75	19.73	19.72		
10	16QAM	25	0	19.76	19.64	19.70	20.9	0
10	16QAM	25	12	19.76	19.75	19.74		
10	16QAM	25	25	19.69	19.72	19.62		
10	16QAM	50	0	19.66	19.63	19.69		
10	64QAM	1	0	19.76	19.63	19.68	20.9	0
10	64QAM	1	25	19.62	19.70	19.71		
10	64QAM	1	49	19.75	19.70	19.60		
10	64QAM	25	0	19.72	19.70	19.63	20.9	0
10	64QAM	25	12	19.75	19.65	19.65		
10	64QAM	25	25	19.71	19.74	19.65		
10	64QAM	50	0	19.63	19.69	19.72		
10	256QAM	1	0	18.69	18.68	18.75	19.9	1
10	256QAM	1	25	18.65	18.64	18.72		
10	256QAM	1	49	18.63	18.66	18.61		
10	256QAM	25	0	18.70	18.61	18.66	19.9	1
10	256QAM	25	12	18.70	18.59	18.63		
10	256QAM	25	25	18.64	18.56	18.66		
10	256QAM	50	0	18.56	18.55	18.62		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.74	19.64	19.62	20.9	0
5	QPSK	1	12	19.64	19.68	19.68		
5	QPSK	1	24	19.63	19.73	19.68		
5	QPSK	12	0	19.66	19.68	19.62	20.9	0
5	QPSK	12	7	19.63	19.67	19.71		
5	QPSK	12	13	19.76	19.64	19.63		
5	QPSK	25	0	19.76	19.66	19.69		
5	16QAM	1	0	19.76	19.67	19.66	20.9	0
5	16QAM	1	12	19.67	19.64	19.60		
5	16QAM	1	24	19.70	19.66	19.64		
5	16QAM	12	0	19.76	19.66	19.68	20.9	0
5	16QAM	12	7	19.69	19.75	19.73		
5	16QAM	12	13	19.74	19.65	19.62		
5	16QAM	25	0	19.68	19.69	19.62		
5	64QAM	1	0	19.70	19.68	19.72	20.9	0
5	64QAM	1	12	19.73	19.68	19.64		
5	64QAM	1	24	19.76	19.76	19.66		
5	64QAM	12	0	19.69	19.68	19.73	20.9	0
5	64QAM	12	7	19.72	19.68	19.62		
5	64QAM	12	13	19.62	19.63	19.67		
5	64QAM	25	0	19.62	19.76	19.72		
5	256QAM	1	0	18.66	18.73	18.63	19.9	1
5	256QAM	1	12	18.72	18.57	18.66		
5	256QAM	1	24	18.64	18.66	18.69		
5	256QAM	12	0	18.72	18.64	18.63	19.9	1
5	256QAM	12	7	18.71	18.61	18.57		
5	256QAM	12	13	18.66	18.65	18.58		
5	256QAM	25	0	18.57	18.58	18.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.76	19.71	19.83	20.9	0
3	QPSK	1	8	19.76	19.67	19.61		
3	QPSK	1	14	19.76	19.76	19.74		
3	QPSK	8	0	19.76	19.76	19.72	20.9	0
3	QPSK	8	4	19.64	19.69	19.83		
3	QPSK	8	7	19.62	19.75	19.65		
3	QPSK	15	0	19.62	19.72	19.66		
3	16QAM	1	0	19.75	19.72	19.71	20.9	0
3	16QAM	1	8	19.62	19.64	19.66		
3	16QAM	1	14	19.76	19.75	19.64		
3	16QAM	8	0	19.69	19.73	19.68	20.9	0
3	16QAM	8	4	19.75	19.71	19.68		
3	16QAM	8	7	19.73	19.72	19.67		
3	16QAM	15	0	19.71	19.66	19.61		
3	64QAM	1	0	19.72	19.64	19.71	20.9	0
3	64QAM	1	8	19.67	19.72	19.63		
3	64QAM	1	14	19.74	19.63	19.60		
3	64QAM	8	0	19.70	19.75	19.68	20.9	0
3	64QAM	8	4	19.72	19.71	19.62		
3	64QAM	8	7	19.73	19.74	19.72		
3	64QAM	15	0	19.64	19.72	19.63		
3	256QAM	1	0	18.69	18.80	18.64	19.9	1
3	256QAM	1	8	18.71	18.59	18.60		
3	256QAM	1	14	18.80	18.61	18.70		
3	256QAM	8	0	18.68	18.62	18.61	19.9	1
3	256QAM	8	4	18.78	18.59	18.64		
3	256QAM	8	7	18.59	18.68	18.63		
3	256QAM	15	0	18.53	18.55	18.71		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.75	19.68	19.68	20.9	0
1.4	QPSK	1	3	19.67	19.71	19.69		
1.4	QPSK	1	5	19.63	19.72	19.60		
1.4	QPSK	3	0	19.63	19.76	19.66		
1.4	QPSK	3	1	19.65	19.75	19.68		
1.4	QPSK	3	3	19.70	19.76	19.60		
1.4	QPSK	6	0	19.62	19.70	19.64	20.9	0
1.4	16QAM	1	0	19.71	19.72	19.69	20.9	0
1.4	16QAM	1	3	19.67	19.71	19.61		
1.4	16QAM	1	5	19.66	19.75	19.66		
1.4	16QAM	3	0	19.66	19.69	19.71		
1.4	16QAM	3	1	19.63	19.74	19.65		
1.4	16QAM	3	3	19.64	19.74	19.62		
1.4	16QAM	6	0	19.76	19.67	19.61	20.9	0
1.4	64QAM	1	0	19.66	19.65	19.66	20.9	0
1.4	64QAM	1	3	19.75	19.69	19.64		
1.4	64QAM	1	5	19.66	19.67	19.74		
1.4	64QAM	3	0	19.64	19.66	19.62		
1.4	64QAM	3	1	19.64	19.67	19.62		
1.4	64QAM	3	3	19.70	19.64	19.66		
1.4	64QAM	6	0	19.64	19.68	19.64	20.9	0
1.4	256QAM	1	0	18.71	18.71	18.63	19.9	1
1.4	256QAM	1	3	18.58	18.55	18.70		
1.4	256QAM	1	5	18.50	18.56	18.65		
1.4	256QAM	3	0	18.59	18.62	18.67		
1.4	256QAM	3	1	18.75	18.70	18.71		
1.4	256QAM	3	3	18.64	18.61	18.61		
1.4	256QAM	6	0	18.60	18.62	18.67	19.9	1

Band 38_Ant 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.08	17.10	17.07		
20	QPSK	1	49	16.98	17.07	16.99	18.2	0
20	QPSK	1	99	17.03	17.01	17.00		
20	QPSK	50	0	17.07	17.08	17.05		
20	QPSK	50	24	17.01	17.03	17.00	18.2	0
20	QPSK	50	50	17.06	17.03	17.00		
20	QPSK	100	0	17.05	17.06	17.03		
20	16QAM	1	0	17.01	17.00	16.98		
20	16QAM	1	49	16.94	16.94	17.04	18.2	0
20	16QAM	1	99	16.92	16.96	17.02		
20	16QAM	50	0	16.92	17.00	17.02		
20	16QAM	50	24	17.02	17.05	17.03	18.2	0
20	16QAM	50	50	16.97	16.93	16.98		
20	16QAM	100	0	17.05	16.96	16.99		
20	64QAM	1	0	17.03	17.06	16.96		
20	64QAM	1	49	17.05	16.96	16.98	18.2	0
20	64QAM	1	99	17.03	16.95	16.93		
20	64QAM	50	0	16.99	17.06	16.92		
20	64QAM	50	24	16.95	16.99	17.03	18.2	0
20	64QAM	50	50	16.96	16.98	16.97		
20	64QAM	100	0	16.93	17.07	17.01		
20	256QAM	1	0	17.00	17.03	16.99		
20	256QAM	1	49	17.01	16.98	16.93	18.2	0
20	256QAM	1	99	17.03	16.97	17.03		
20	256QAM	50	0	17.06	16.96	17.00		
20	256QAM	50	24	17.06	17.05	17.01	18.2	0
20	256QAM	50	50	17.00	17.01	17.03		
20	256QAM	100	0	16.92	17.04	16.91		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.90	16.91	16.93		
15	QPSK	1	37	16.92	17.02	16.97	18.2	0
15	QPSK	1	74	16.91	16.97	16.90		
15	QPSK	36	0	16.93	16.92	16.89		
15	QPSK	36	20	17.00	16.91	16.93	18.2	0
15	QPSK	36	39	16.90	16.93	16.89		
15	QPSK	75	0	16.95	16.98	16.94		
15	16QAM	1	0	16.97	16.94	16.96		
15	16QAM	1	37	16.94	16.91	16.92	18.2	0
15	16QAM	1	74	17.03	16.98	16.89		
15	16QAM	36	0	16.93	16.92	17.02		
15	16QAM	36	20	16.94	16.92	16.94	18.2	0
15	16QAM	36	39	16.95	16.91	16.94		
15	16QAM	75	0	17.02	16.95	17.02		
15	64QAM	1	0	17.02	16.98	17.02		
15	64QAM	1	37	16.95	17.02	17.02	18.2	0
15	64QAM	1	74	17.02	16.91	16.98		
15	64QAM	36	0	16.90	17.05	16.91		
15	64QAM	36	20	16.94	17.03	16.94	18.2	0
15	64QAM	36	39	17.03	16.94	16.94		
15	64QAM	75	0	16.94	17.04	17.00		
15	256QAM	1	0	16.99	17.05	16.97		
15	256QAM	1	37	16.94	16.91	16.92	18.2	0
15	256QAM	1	74	17.04	17.05	16.95		
15	256QAM	36	0	16.91	16.91	16.97		
15	256QAM	36	20	16.90	17.05	16.92	18.2	0
15	256QAM	36	39	16.98	16.97	16.92		
15	256QAM	75	0	16.90	16.93	17.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.02	17.02	17.01		
10	QPSK	1	25	17.01	17.05	16.94	18.2	0
10	QPSK	1	49	16.93	17.02	16.89		
10	QPSK	25	0	16.91	17.02	16.95		
10	QPSK	25	12	16.97	16.99	16.98	18.2	0
10	QPSK	25	25	16.91	16.94	16.89		
10	QPSK	50	0	16.91	16.92	16.91		
10	16QAM	1	0	16.97	17.02	16.91		
10	16QAM	1	25	16.95	16.97	16.95	18.2	0
10	16QAM	1	49	16.94	16.91	17.01		
10	16QAM	25	0	16.99	17.00	16.94		
10	16QAM	25	12	16.92	16.91	16.92	18.2	0
10	16QAM	25	25	16.92	17.02	16.96		
10	16QAM	50	0	17.04	17.01	16.97		
10	64QAM	1	0	17.03	16.96	16.94		
10	64QAM	1	25	17.04	17.00	16.99	18.2	0
10	64QAM	1	49	17.02	16.96	16.93		
10	64QAM	25	0	16.96	16.98	16.92		
10	64QAM	25	12	17.02	16.91	17.02	18.2	0
10	64QAM	25	25	17.04	16.95	16.97		
10	64QAM	50	0	16.97	17.00	16.89		
10	256QAM	1	0	16.96	16.92	16.96		
10	256QAM	1	25	16.92	16.95	16.92	18.2	0
10	256QAM	1	49	16.90	17.04	16.92		
10	256QAM	25	0	16.94	17.02	16.94		
10	256QAM	25	12	17.03	16.92	16.94	18.2	0
10	256QAM	25	25	17.04	16.91	16.99		
10	256QAM	50	0	16.97	17.03	17.01		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.95	17.02	17.01		
5	QPSK	1	12	17.01	17.04	16.90	18.2	0
5	QPSK	1	24	16.94	17.00	16.98		
5	QPSK	12	0	16.95	16.97	16.97		
5	QPSK	12	7	16.98	16.98	16.94	18.2	0
5	QPSK	12	13	17.03	17.00	16.92		
5	QPSK	25	0	16.93	16.95	16.90		
5	16QAM	1	0	17.01	17.00	17.02		
5	16QAM	1	12	16.97	17.01	16.90	18.2	0
5	16QAM	1	24	16.93	16.93	17.02		
5	16QAM	12	0	17.00	17.04	16.89		
5	16QAM	12	7	16.97	16.92	16.96	18.2	0
5	16QAM	12	13	16.90	17.01	16.94		
5	16QAM	25	0	16.93	16.94	17.01		
5	64QAM	1	0	17.03	17.04	17.01		
5	64QAM	1	12	16.92	17.02	16.99	18.2	0
5	64QAM	1	24	16.93	16.92	16.99		
5	64QAM	12	0	16.92	16.98	16.97		
5	64QAM	12	7	17.03	16.95	16.94	18.2	0
5	64QAM	12	13	16.93	17.05	16.91		
5	64QAM	25	0	16.99	16.91	16.98		
5	256QAM	1	0	16.97	17.03	16.88		
5	256QAM	1	12	16.97	16.92	17.02	18.2	0
5	256QAM	1	24	16.99	17.03	16.97		
5	256QAM	12	0	16.94	16.96	17.00		
5	256QAM	12	7	16.91	17.01	16.95	18.2	0
5	256QAM	12	13	16.92	16.93	16.88		
5	256QAM	25	0	16.99	17.04	16.94		

Band 38_Ant 31

BW [MHz]	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	23.31	23.36	23.24		
20	QPSK	1	49	23.30	23.03	23.21	24.5	0
20	QPSK	1	99	23.21	23.10	23.10		
20	QPSK	50	0	22.30	22.35	22.23		
20	QPSK	50	24	22.27	22.01	22.09	23.5	1
20	QPSK	50	50	22.28	22.11	22.07		
20	QPSK	100	0	22.28	22.31	22.21		
20	16QAM	1	0	22.20	22.06	22.14		
20	16QAM	1	49	22.32	22.08	22.18	23.5	1
20	16QAM	1	99	22.26	22.06	22.17		
20	16QAM	50	0	21.24	20.97	21.06		
20	16QAM	50	24	21.28	21.11	21.17	22.5	2
20	16QAM	50	50	21.23	21.08	21.16		
20	16QAM	100	0	21.22	21.03	21.10		
20	64QAM	1	0	20.97	20.69	20.76		
20	64QAM	1	49	21.05	20.90	20.89	22.5	2
20	64QAM	1	99	20.99	20.76	20.85		
20	64QAM	50	0	20.18	20.00	20.06		
20	64QAM	50	24	20.26	20.04	20.17	21.5	3
20	64QAM	50	50	20.20	20.02	20.11		
20	64QAM	100	0	20.19	19.99	20.05		
20	256QAM	1	0	18.07	18.08	18.05		
20	256QAM	1	49	17.97	17.98	18.00	19.5	5
20	256QAM	1	99	17.98	18.01	18.03		
20	256QAM	50	0	18.04	18.06	18.02		
20	256QAM	50	24	17.98	18.06	17.93	19.5	5
20	256QAM	50	50	17.97	18.04	17.93		
20	256QAM	100	0	18.02	17.94	17.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.20	23.30	23.11		
15	QPSK	1	37	23.22	23.02	23.07	24.5	0
15	QPSK	1	74	23.16	23.09	23.00		
15	QPSK	36	0	22.24	22.34	22.21		
15	QPSK	36	20	22.25	21.96	22.05	23.5	1
15	QPSK	36	39	22.15	22.00	21.97		
15	QPSK	75	0	22.20	22.21	22.09		
15	16QAM	1	0	22.14	22.02	22.10		
15	16QAM	1	37	22.26	22.02	22.06	23.5	1
15	16QAM	1	74	22.20	21.99	22.03		
15	16QAM	36	0	21.11	20.82	20.99		
15	16QAM	36	20	21.15	20.99	21.13	22.5	2
15	16QAM	36	39	21.09	21.03	21.03		
15	16QAM	75	0	21.21	20.97	21.03		
15	64QAM	1	0	20.88	20.59	20.61		
15	64QAM	1	37	20.94	20.84	20.76	22.5	2
15	64QAM	1	74	20.89	20.71	20.71		
15	64QAM	36	0	20.15	19.92	19.93		
15	64QAM	36	20	20.23	19.91	20.14	21.5	3
15	64QAM	36	39	20.13	19.97	20.01		
15	64QAM	75	0	20.14	19.93	19.93		
15	256QAM	1	0	17.93	17.95	17.97		
15	256QAM	1	37	17.89	17.88	17.85	19.5	5
15	256QAM	1	74	17.86	17.96	17.88		
15	256QAM	36	0	17.98	18.00	17.97		
15	256QAM	36	20	17.87	17.96	17.88	19.5	5
15	256QAM	36	39	17.96	17.89	17.89		
15	256QAM	75	0	17.95	17.83	17.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.16	23.28	23.13		
10	QPSK	1	25	23.19	23.00	23.17	24.5	0
10	QPSK	1	49	23.16	22.98	23.02		
10	QPSK	25	0	22.26	22.25	22.20		
10	QPSK	25	12	22.15	21.97	22.04	23.5	1
10	QPSK	25	25	22.20	22.09	22.06		
10	QPSK	50	0	22.25	22.24	22.18		
10	16QAM	1	0	22.12	21.91	22.13		
10	16QAM	1	25	22.17	21.93	22.17	23.5	1
10	16QAM	1	49	22.11	21.98	22.13		
10	16QAM	25	0	21.09	20.93	21.02		
10	16QAM	25	12	21.20	21.02	21.06	22.5	2
10	16QAM	25	25	21.13	21.05	21.04		
10	16QAM	50	0	21.17	20.99	20.95		
10	64QAM	1	0	20.88	20.54	20.66		
10	64QAM	1	25	20.94	20.78	20.78	22.5	2
10	64QAM	1	49	20.90	20.74	20.73		
10	64QAM	25	0	20.12	19.89	20.03		
10	64QAM	25	12	20.23	19.94	20.10	21.5	3
10	64QAM	25	25	20.13	19.91	19.99		
10	64QAM	50	0	20.09	19.92	20.01		
10	256QAM	1	0	17.96	18.02	18.00		
10	256QAM	1	25	17.91	17.92	17.96	19.5	5
10	256QAM	1	49	17.83	17.94	17.91		
10	256QAM	25	0	17.90	17.99	17.91		
10	256QAM	25	12	17.90	18.01	17.80	19.5	5
10	256QAM	25	25	17.82	17.97	17.81		
10	256QAM	50	0	17.98	17.90	17.97		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.24	23.34	23.15		
5	QPSK	1	12	23.24	23.00	23.19	24.5	0
5	QPSK	1	24	23.16	23.08	23.07		
5	QPSK	12	0	22.22	22.22	22.18		
5	QPSK	12	7	22.20	21.88	22.07	23.5	1
5	QPSK	12	13	22.19	22.07	21.96		
5	QPSK	25	0	22.15	22.19	22.18		
5	16QAM	1	0	22.09	21.96	22.12		
5	16QAM	1	12	22.25	21.96	22.11	23.5	1
5	16QAM	1	24	22.22	21.97	22.06		
5	16QAM	12	0	21.19	20.87	21.02		
5	16QAM	12	7	21.18	20.99	21.05	22.5	2
5	16QAM	12	13	21.10	21.00	21.04		
5	16QAM	25	0	21.14	20.99	20.95		
5	64QAM	1	0	20.83	20.62	20.61		
5	64QAM	1	12	21.02	20.89	20.79	22.5	2
5	64QAM	1	24	20.94	20.68	20.81		
5	64QAM	12	0	20.03	19.99	19.96		
5	64QAM	12	7	20.23	19.99	20.12	21.5	3
5	64QAM	12	13	20.08	19.93	20.08		
5	64QAM	25	0	20.12	19.88	19.95		
5	256QAM	1	0	17.96	18.02	18.04		
5	256QAM	1	12	17.85	17.97	17.88	19.5	5
5	256QAM	1	24	17.93	17.89	17.88		
5	256QAM	12	0	17.96	18.03	17.94		
5	256QAM	12	7	17.95	18.02	17.84	19.5	5
5	256QAM	12	13	17.83	18.02	17.90		
5	256QAM	25	0	17.87	17.93	17.97		

Band 38_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.76	17.78	17.75		
20	QPSK	1	49	17.71	17.73	17.63	19	0
20	QPSK	1	99	17.64	17.67	17.61		
20	QPSK	50	0	17.75	17.76	17.73		
20	QPSK	50	24	17.65	17.73	17.60	19	0
20	QPSK	50	50	17.70	17.66	17.59		
20	QPSK	100	0	17.73	17.75	17.71		
20	16QAM	1	0	17.61	17.66	17.61		
20	16QAM	1	49	17.64	17.72	17.70	19	0
20	16QAM	1	99	17.69	17.63	17.71		
20	16QAM	50	0	17.72	17.66	17.70		
20	16QAM	50	24	17.61	17.63	17.58	19	0
20	16QAM	50	50	17.64	17.72	17.71		
20	16QAM	100	0	17.64	17.65	17.58		
20	64QAM	1	0	17.74	17.66	17.68		
20	64QAM	1	49	17.72	17.63	17.59	19	0
20	64QAM	1	99	17.64	17.70	17.59		
20	64QAM	50	0	17.74	17.61	17.66		
20	64QAM	50	24	17.72	17.73	17.61	19	0
20	64QAM	50	50	17.67	17.70	17.58		
20	64QAM	100	0	17.73	17.74	17.70		
20	256QAM	1	0	17.49	17.50	17.49		
20	256QAM	1	49	17.68	17.62	17.61	19	0
20	256QAM	1	99	17.65	17.56	17.54		
20	256QAM	50	0	17.50	17.62	17.48		
20	256QAM	50	24	17.64	17.51	17.54	19	0
20	256QAM	50	50	17.64	17.58	17.56		
20	256QAM	100	0	17.54	17.62	17.56		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.62	17.77	17.66		
15	QPSK	1	37	17.61	17.70	17.60	19	0
15	QPSK	1	74	17.62	17.57	17.48		
15	QPSK	36	0	17.70	17.63	17.58		
15	QPSK	36	20	17.53	17.65	17.58	19	0
15	QPSK	36	39	17.55	17.65	17.48		
15	QPSK	75	0	17.72	17.61	17.56		
15	16QAM	1	0	17.48	17.58	17.59		
15	16QAM	1	37	17.56	17.67	17.55	19	0
15	16QAM	1	74	17.67	17.60	17.66		
15	16QAM	36	0	17.66	17.52	17.60		
15	16QAM	36	20	17.56	17.57	17.55	19	0
15	16QAM	36	39	17.51	17.61	17.57		
15	16QAM	75	0	17.58	17.53	17.47		
15	64QAM	1	0	17.64	17.57	17.60		
15	64QAM	1	37	17.69	17.58	17.52	19	0
15	64QAM	1	74	17.58	17.67	17.55		
15	64QAM	36	0	17.61	17.60	17.61		
15	64QAM	36	20	17.62	17.65	17.59	19	0
15	64QAM	36	39	17.54	17.66	17.49		
15	64QAM	75	0	17.71	17.60	17.65		
15	256QAM	1	0	17.37	17.41	17.41		
15	256QAM	1	37	17.67	17.60	17.55	19	0
15	256QAM	1	74	17.50	17.51	17.44		
15	256QAM	36	0	17.35	17.58	17.45		
15	256QAM	36	20	17.52	17.44	17.49	19	0
15	256QAM	36	39	17.49	17.52	17.55		
15	256QAM	75	0	17.51	17.57	17.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.69	17.72	17.62		
10	QPSK	1	25	17.63	17.67	17.51	19	0
10	QPSK	1	49	17.59	17.52	17.49		
10	QPSK	25	0	17.69	17.70	17.59		
10	QPSK	25	12	17.55	17.61	17.54	19	0
10	QPSK	25	25	17.58	17.60	17.50		
10	QPSK	50	0	17.70	17.69	17.60		
10	16QAM	1	0	17.51	17.65	17.59		
10	16QAM	1	25	17.49	17.64	17.66	19	0
10	16QAM	1	49	17.58	17.49	17.57		
10	16QAM	25	0	17.68	17.60	17.56		
10	16QAM	25	12	17.52	17.56	17.53	19	0
10	16QAM	25	25	17.50	17.62	17.69		
10	16QAM	50	0	17.52	17.56	17.48		
10	64QAM	1	0	17.61	17.60	17.61		
10	64QAM	1	25	17.64	17.54	17.53	19	0
10	64QAM	1	49	17.51	17.57	17.57		
10	64QAM	25	0	17.69	17.46	17.64		
10	64QAM	25	12	17.58	17.62	17.49	19	0
10	64QAM	25	25	17.64	17.68	17.44		
10	64QAM	50	0	17.69	17.70	17.63		
10	256QAM	1	0	17.44	17.36	17.35		
10	256QAM	1	25	17.61	17.47	17.48	19	0
10	256QAM	1	49	17.57	17.52	17.49		
10	256QAM	25	0	17.47	17.58	17.35		
10	256QAM	25	12	17.61	17.43	17.47	19	0
10	256QAM	25	25	17.57	17.46	17.46		
10	256QAM	50	0	17.48	17.47	17.47		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.75	17.65	17.68		
5	QPSK	1	12	17.61	17.65	17.62	19	0
5	QPSK	1	24	17.63	17.62	17.46		
5	QPSK	12	0	17.69	17.61	17.60		
5	QPSK	12	7	17.64	17.60	17.49	19	0
5	QPSK	12	13	17.58	17.64	17.47		
5	QPSK	25	0	17.59	17.62	17.65		
5	16QAM	1	0	17.46	17.65	17.48		
5	16QAM	1	12	17.62	17.61	17.66	19	0
5	16QAM	1	24	17.68	17.60	17.64		
5	16QAM	12	0	17.60	17.62	17.66		
5	16QAM	12	7	17.52	17.51	17.56	19	0
5	16QAM	12	13	17.60	17.62	17.68		
5	16QAM	25	0	17.52	17.59	17.50		
5	64QAM	1	0	17.71	17.58	17.64		
5	64QAM	1	12	17.69	17.48	17.50	19	0
5	64QAM	1	24	17.60	17.67	17.48		
5	64QAM	12	0	17.68	17.57	17.57		
5	64QAM	12	7	17.60	17.69	17.47	19	0
5	64QAM	12	13	17.62	17.59	17.57		
5	64QAM	25	0	17.71	17.66	17.59		
5	256QAM	1	0	17.35	17.39	17.39		
5	256QAM	1	12	17.54	17.57	17.47	19	0
5	256QAM	1	24	17.51	17.42	17.39		
5	256QAM	12	0	17.44	17.60	17.47		
5	256QAM	12	7	17.63	17.44	17.51	19	0
5	256QAM	12	13	17.51	17.48	17.55		
5	256QAM	25	0	17.44	17.61	17.46		

Band 41_Ant 13

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	17.22	17.50	17.48	17.37	17.43		
20	QPSK	1	49	17.08	17.39	17.43	17.32	17.38	18.5	0
20	QPSK	1	99	17.13	17.47	17.33	17.27	17.32		
20	QPSK	50	0	17.21	17.48	17.46	17.35	17.41		
20	QPSK	50	24	17.11	17.41	17.40	17.34	17.38	18.5	0
20	QPSK	50	50	17.06	17.44	17.34	17.31	17.33		
20	QPSK	100	0	17.20	17.46	17.43	17.33	17.40		
20	16QAM	1	0	17.10	17.47	17.40	17.29	17.40		
20	16QAM	1	49	17.13	17.41	17.31	17.23	17.28	18.5	0
20	16QAM	1	99	17.18	17.36	17.43	17.23	17.26		
20	16QAM	50	0	17.19	17.34	17.36	17.20	17.39		
20	16QAM	50	24	17.15	17.43	17.35	17.26	17.32	18.5	0
20	16QAM	50	50	17.09	17.37	17.32	17.25	17.27		
20	16QAM	100	0	17.14	17.40	17.37	17.27	17.39		
20	64QAM	1	0	17.09	17.35	17.35	17.27	17.29		
20	64QAM	1	49	17.13	17.44	17.43	17.23	17.28	18.5	0
20	64QAM	1	99	17.12	17.44	17.40	17.20	17.40		
20	64QAM	50	0	17.20	17.35	17.40	17.23	17.33		
20	64QAM	50	24	17.17	17.36	17.33	17.20	17.29	18.5	0
20	64QAM	50	50	17.12	17.41	17.38	17.31	17.26		
20	64QAM	100	0	17.10	17.35	17.42	17.31	17.26		
20	256QAM	1	0	17.13	17.45	17.40	17.26	17.29		
20	256QAM	1	49	17.10	17.45	17.38	17.30	17.36	18.5	0
20	256QAM	1	99	17.13	17.39	17.39	17.20	17.30		
20	256QAM	50	0	17.12	17.45	17.38	17.29	17.26		
20	256QAM	50	24	17.19	17.41	17.43	17.33	17.36	18.5	0
20	256QAM	50	50	17.10	17.39	17.41	17.22	17.36		
20	256QAM	100	0	17.14	17.44	17.37	17.32	17.40		
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	17.19	17.39	17.29	17.29	17.28		
15	QPSK	1	37	17.16	17.36	17.31	17.24	17.27	18.5	0
15	QPSK	1	74	17.16	17.40	17.37	17.24	17.31		
15	QPSK	36	0	17.10	17.43	17.28	17.19	17.28		
15	QPSK	36	20	17.07	17.41	17.39	17.31	17.25	18.5	0
15	QPSK	36	39	17.10	17.45	17.28	17.27	17.25		
15	QPSK	75	0	17.07	17.34	17.29	17.27	17.36		
15	16QAM	1	0	17.10	17.45	17.37	17.21	17.28		
15	16QAM	1	37	17.11	17.35	17.41	17.24	17.26	18.5	0
15	16QAM	1	74	17.19	17.43	17.31	17.18	17.38		
15	16QAM	36	0	17.07	17.44	17.31	17.24	17.37		
15	16QAM	36	20	17.13	17.38	17.35	17.19	17.37	18.5	0
15	16QAM	36	39	17.13	17.31	17.39	17.21	17.37		
15	16QAM	75	0	17.18	17.36	17.40	17.25	17.36		
15	64QAM	1	0	17.07	17.37	17.34	17.22	17.28		
15	64QAM	1	37	17.14	17.33	17.35	17.20	17.34	18.5	0
15	64QAM	1	74	17.14	17.40	17.42	17.31	17.35		
15	64QAM	36	0	17.12	17.38	17.34	17.31	17.29		
15	64QAM	36	20	17.10	17.38	17.36	17.27	17.25	18.5	0
15	64QAM	36	39	17.18	17.35	17.33	17.29	17.35		
15	64QAM	75	0	17.19	17.31	17.42	17.18	17.32		
15	256QAM	1	0	17.08	17.40	17.31	17.32	17.33		
15	256QAM	1	37	17.15	17.38	17.33	17.32	17.29	18.5	0
15	256QAM	1	74	17.06	17.43	17.41	17.18	17.31		
15	256QAM	36	0	17.07	17.31	17.33	17.31	17.34		
15	256QAM	36	20	17.17	17.32	17.40	17.19	17.27	18.5	0
15	256QAM	36	39	17.14	17.39	17.42	17.22	17.36		
15	256QAM	75	0	17.15	17.33	17.38	17.22	17.34		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.05	17.40	17.35	17.29	17.26		
10	QPSK	1	25	17.14	17.39	17.41	17.28	17.39	18.5	0
10	QPSK	1	49	17.15	17.38	17.39	17.30	17.33		
10	QPSK	25	0	17.08	17.43	17.32	17.24	17.34		
10	QPSK	25	12	17.08	17.38	17.38	17.27	17.39	18.5	0
10	QPSK	25	25	17.16	17.37	17.33	17.19	17.38		
10	QPSK	50	0	17.08	17.36	17.34	17.26	17.39		
10	16QAM	1	0	17.13	17.45	17.32	17.22	17.25		
10	16QAM	1	25	17.06	17.31	17.42	17.25	17.29	18.5	0
10	16QAM	1	49	17.12	17.43	17.28	17.22	17.26		
10	16QAM	25	0	17.16	17.44	17.38	17.22	17.26		
10	16QAM	25	12	17.09	17.44	17.38	17.32	17.32	18.5	0
10	16QAM	25	25	17.18	17.40	17.40	17.32	17.36		
10	16QAM	50	0	17.17	17.42	17.37	17.26	17.32		
10	64QAM	1	0	17.15	17.40	17.29	17.27	17.36		
10	64QAM	1	25	17.17	17.41	17.32	17.30	17.27	18.5	0
10	64QAM	1	49	17.17	17.35	17.40	17.24	17.32		
10	64QAM	25	0	17.14	17.35	17.35	17.21	17.28		
10	64QAM	25	12	17.06	17.35	17.39	17.26	17.35	18.5	0
10	64QAM	25	25	17.10	17.37	17.42	17.31	17.31		
10	64QAM	50	0	17.06	17.37	17.39	17.19	17.38		
10	256QAM	1	0	17.17	17.38	17.30	17.26	17.39		
10	256QAM	1	25	17.09	17.31	17.36	17.32	17.36	18.5	0
10	256QAM	1	49	17.18	17.32	17.39	17.26	17.31		
10	256QAM	25	0	17.19	17.40	17.30	17.32	17.25		
10	256QAM	25	12	17.06	17.40	17.38	17.18	17.29	18.5	0
10	256QAM	25	25	17.19	17.40	17.30	17.30	17.27		
10	256QAM	50	0	17.15	17.38	17.38	17.28	17.27		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.08	17.42	17.33	17.32	17.25		
5	QPSK	1	12	17.11	17.41	17.36	17.31	17.28	18.5	0
5	QPSK	1	24	17.06	17.43	17.38	17.23	17.30		
5	QPSK	12	0	17.12	17.37	17.31	17.24	17.32		
5	QPSK	12	7	17.16	17.41	17.30	17.30	17.39	18.5	0
5	QPSK	12	13	17.19	17.35	17.42	17.27	17.38		
5	QPSK	25	0	17.15	17.40	17.35	17.32	17.27		
5	16QAM	1	0	17.08	17.32	17.34	17.30	17.39		
5	16QAM	1	12	17.13	17.42	17.42	17.18	17.29	18.5	0
5	16QAM	1	24	17.17	17.33	17.28	17.25	17.26		
5	16QAM	12	0	17.10	17.45	17.39	17.26	17.36		
5	16QAM	12	7	17.18	17.32	17.29	17.30	17.32	18.5	0
5	16QAM	12	13	17.12	17.40	17.29	17.28	17.25		
5	16QAM	25	0	17.09	17.39	17.42	17.30	17.26		
5	64QAM	1	0	17.07	17.33	17.42	17.18	17.39		
5	64QAM	1	12	17.16	17.37	17.37	17.28	17.27	18.5	0
5	64QAM	1	24	17.16	17.31	17.31	17.25	17.37		
5	64QAM	12	0	17.18	17.44	17.31	17.28	17.33		
5	64QAM	12	7	17.06	17.31	17.34	17.21	17.26	18.5	0
5	64QAM	12	13	17.12	17.39	17.31	17.24	17.37		
5	64QAM	25	0	17.08	17.39	17.30	17.24	17.34		
5	256QAM	1	0	17.19	17.31	17.29	17.27	17.35		
5	256QAM	1	12	17.15	17.36	17.28	17.29	17.32	18.5	0
5	256QAM	1	24	17.12	17.37	17.42	17.25	17.31		
5	256QAM	12	0	17.06	17.31	17.32	17.19	17.37		
5	256QAM	12	7	17.16	17.32	17.28	17.29	17.39	18.5	0
5	256QAM	12	13	17.08	17.31	17.28	17.27	17.26		
5	256QAM	25	0	17.08	17.31	17.32	17.18	17.36		

Band 41_Ant 31

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	23.90	24.05	23.83	23.87	24.00		
20	QPSK	1	49	23.87	24.04	23.80	23.84	23.88	25	0
20	QPSK	1	99	23.86	23.93	23.66	23.85	23.59		
20	QPSK	50	0	22.90	23.06	22.81	22.90	22.95		
20	QPSK	50	24	22.85	23.00	22.72	22.89	22.81	24	1
20	QPSK	50	50	22.85	22.99	22.76	22.85	22.77		
20	QPSK	100	0	22.87	22.98	22.78	22.86	22.85		
20	16QAM	1	0	22.84	22.86	22.59	22.79	22.79		
20	16QAM	1	49	22.90	23.00	22.70	22.80	22.79	24	1
20	16QAM	1	99	22.76	22.96	22.74	22.80	22.79		
20	16QAM	50	0	21.84	21.99	21.64	21.79	21.89		
20	16QAM	50	24	21.86	21.97	21.73	21.82	21.88	23	2
20	16QAM	50	50	21.85	21.96	21.78	21.88	21.79		
20	16QAM	100	0	21.84	21.94	21.72	21.86	21.76		
20	64QAM	1	0	21.52	21.56	21.31	21.47	21.46		
20	64QAM	1	49	21.66	21.73	21.42	21.65	21.71	23	2
20	64QAM	1	99	21.60	21.68	21.52	21.55	21.46		
20	64QAM	50	0	20.79	20.93	20.62	20.78	20.81		
20	64QAM	50	24	20.79	20.94	20.66	20.80	20.78	22	3
20	64QAM	50	50	20.85	20.96	20.68	20.82	20.74		
20	64QAM	100	0	20.84	20.93	20.71	20.82	20.75		
20	256QAM	1	0	18.90	19.06	18.81	18.90	18.95		
20	256QAM	1	49	18.80	19.02	18.72	18.76	18.81	20	5
20	256QAM	1	99	18.77	18.93	18.80	18.88	18.88		
20	256QAM	50	0	18.81	19.03	18.70	18.79	18.90		
20	256QAM	50	24	18.88	19.01	18.69	18.89	18.93	20	5
20	256QAM	50	50	18.80	19.05	18.76	18.84	18.86		
20	256QAM	100	0	18.83	18.92	18.72	18.77	18.84		
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	23.79	23.96	23.82	23.84	23.97		
15	QPSK	1	37	23.81	23.95	23.74	23.81	23.79	25	0
15	QPSK	1	74	23.84	23.79	23.51	23.73	23.52		
15	QPSK	36	0	22.81	23.04	22.74	22.89	22.92		
15	QPSK	36	20	22.81	22.91	22.70	22.83	22.79	24	1
15	QPSK	36	39	22.75	22.93	22.62	22.78	22.64		
15	QPSK	75	0	22.81	22.91	22.65	22.77	22.82		
15	16QAM	1	0	22.80	22.71	22.46	22.74	22.70		
15	16QAM	1	37	22.85	22.86	22.56	22.69	22.64	24	1
15	16QAM	1	74	22.61	22.89	22.60	22.70	22.67		
15	16QAM	36	0	21.82	21.84	21.57	21.69	21.82		
15	16QAM	36	20	21.78	21.95	21.64	21.69	21.87	23	2
15	16QAM	36	39	21.73	21.93	21.69	21.74	21.67		
15	16QAM	75	0	21.83	21.91	21.63	21.78	21.64		
15	64QAM	1	0	21.46	21.49	21.30	21.37	21.36		
15	64QAM	1	37	21.59	21.60	21.33	21.63	21.56	23	2
15	64QAM	1	74	21.53	21.66	21.44	21.52	21.45		
15	64QAM	36	0	20.67	20.86	20.59	20.77	20.68		
15	64QAM	36	20	20.71	20.80	20.64	20.70	20.75	22	3
15	64QAM	36	39	20.80	20.82	20.53	20.81	20.67		
15	64QAM	75	0	20.78	20.88	20.64	20.74	20.70		
15	256QAM	1	0	18.75	19.02	18.72	18.75	18.80		
15	256QAM	1	37	18.79	19.01	18.60	18.64	18.77	20	5
15	256QAM	1	74	18.72	18.90	18.74	18.80	18.76		
15	256QAM	36	0	18.72	18.90	18.65	18.64	18.85		
15	256QAM	36	20	18.75	18.92	18.61	18.83	18.91	20	5
15	256QAM	36	39	18.66	18.96	18.73	18.81	18.84		
15	256QAM	75	0	18.72	18.89	18.59	18.69	18.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.82	24.02	23.78	23.83	23.86		
10	QPSK	1	25	23.76	24.01	23.69	23.81	23.85	25	0
10	QPSK	1	49	23.82	23.92	23.60	23.80	23.48		
10	QPSK	25	0	22.75	23.02	22.77	22.77	22.92		
10	QPSK	25	12	22.80	22.96	22.69	22.76	22.71	24	1
10	QPSK	25	25	22.70	22.97	22.72	22.73	22.75		
10	QPSK	50	0	22.75	22.89	22.76	22.71	22.83		
10	16QAM	1	0	22.82	22.82	22.53	22.65	22.78		
10	16QAM	1	25	22.77	22.89	22.58	22.74	22.66	24	1
10	16QAM	1	49	22.66	22.95	22.59	22.70	22.71		
10	16QAM	25	0	21.81	21.89	21.63	21.70	21.78		
10	16QAM	25	12	21.72	21.96	21.71	21.76	21.84	23	2
10	16QAM	25	25	21.78	21.90	21.72	21.83	21.73		
10	16QAM	50	0	21.70	21.88	21.59	21.79	21.74		
10	64QAM	1	0	21.39	21.51	21.22	21.45	21.40		
10	64QAM	1	25	21.65	21.69	21.39	21.59	21.68	23	2
10	64QAM	1	49	21.45	21.65	21.45	21.52	21.34		
10	64QAM	25	0	20.77	20.91	20.58	20.77	20.68		
10	64QAM	25	12	20.70	20.79	20.64	20.69	20.71	22	3
10	64QAM	25	25	20.81	20.87	20.56	20.81	20.73		
10	64QAM	50	0	20.81	20.80	20.57	20.71	20.64		
10	256QAM	1	0	18.77	18.98	18.77	18.83	18.82		
10	256QAM	1	25	18.69	18.93	18.67	18.73	18.79	20	5
10	256QAM	1	49	18.69	18.83	18.73	18.83	18.73		
10	256QAM	25	0	18.71	18.90	18.59	18.74	18.88		
10	256QAM	25	12	18.77	18.91	18.67	18.74	18.79	20	5
10	256QAM	25	25	18.76	18.96	18.69	18.80	18.73		
10	256QAM	50	0	18.75	18.88	18.66	18.65	18.71		
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	23.89	23.90	23.78	23.73	23.95		
5	QPSK	1	12	23.84	23.90	23.72	23.81	23.77	25	0
5	QPSK	1	24	23.75	23.85	23.63	23.74	23.48		
5	QPSK	12	0	22.89	22.93	22.74	22.88	22.89		
5	QPSK	12	7	22.83	22.93	22.62	22.85	22.69	24	1
5	QPSK	12	13	22.82	22.87	22.67	22.76	22.76		
5	QPSK	25	0	22.85	22.95	22.76	22.84	22.84		
5	16QAM	1	0	22.69	22.79	22.58	22.73	22.78		
5	16QAM	1	12	22.84	22.98	22.55	22.75	22.77	24	1
5	16QAM	1	24	22.62	22.89	22.61	22.65	22.64		
5	16QAM	12	0	21.78	21.92	21.60	21.66	21.76		
5	16QAM	12	7	21.74	21.85	21.61	21.67	21.73	23	2
5	16QAM	12	13	21.74	21.88	21.67	21.79	21.70		
5	16QAM	25	0	21.79	21.88	21.69	21.71	21.63		
5	64QAM	1	0	21.37	21.44	21.24	21.43	21.31		
5	64QAM	1	12	21.54	21.71	21.39	21.60	21.62	23	2
5	64QAM	1	24	21.56	21.64	21.37	21.40	21.33		
5	64QAM	12	0	20.74	20.80	20.57	20.76	20.70		
5	64QAM	12	7	20.75	20.82	20.58	20.75	20.65	22	3
5	64QAM	12	13	20.79	20.83	20.61	20.75	20.69		
5	64QAM	25	0	20.83	20.91	20.69	20.80	20.69		
5	256QAM	1	0	18.76	18.96	18.71	18.78	18.88		
5	256QAM	1	12	18.71	18.98	18.68	18.68	18.78	20	5
5	256QAM	1	24	18.76	18.88	18.66	18.77	18.75		
5	256QAM	12	0	18.67	18.98	18.64	18.77	18.77		
5	256QAM	12	7	18.86	18.92	18.67	18.84	18.78	20	5
5	256QAM	12	13	18.75	18.93	18.62	18.73	18.80		
5	256QAM	25	0	18.76	18.77	18.61	18.65	18.83		

Band 41_Ant 11

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	18.33	18.55	18.05	18.11	18.25		
20	QPSK	1	49	18.21	18.38	18.01	18.00	18.09	19.5	0
20	QPSK	1	99	18.21	18.51	17.95	18.01	18.09		
20	QPSK	50	0	18.31	18.53	18.03	18.10	18.23		
20	QPSK	50	24	18.23	18.48	17.99	18.08	18.21	19.5	0
20	QPSK	50	50	18.21	18.51	17.97	18.03	18.20		
20	QPSK	100	0	18.30	18.51	18.01	18.08	18.20		
20	16QAM	1	0	18.25	18.39	17.91	18.07	18.17		
20	16QAM	1	49	18.19	18.44	17.99	18.07	18.17	19.5	0
20	16QAM	1	99	18.24	18.46	17.93	17.96	18.21		
20	16QAM	50	0	18.30	18.38	17.88	17.97	18.15		
20	16QAM	50	24	18.23	18.44	17.92	17.97	18.20	19.5	0
20	16QAM	50	50	18.24	18.39	17.92	18.08	18.15		
20	16QAM	100	0	18.25	18.49	18.02	17.97	18.18		
20	64QAM	1	0	18.29	18.44	17.92	18.00	18.13		
20	64QAM	1	49	18.20	18.39	17.88	18.04	18.12	19.5	0
20	64QAM	1	99	18.18	18.42	18.00	17.99	18.18		
20	64QAM	50	0	18.21	18.46	17.97	18.03	18.13		
20	64QAM	50	24	18.17	18.51	17.90	18.03	18.13	19.5	0
20	64QAM	50	50	18.18	18.39	17.94	17.97	18.18		
20	64QAM	100	0	18.25	18.46	17.90	17.95	18.08		
20	256QAM	1	0	18.29	18.47	17.98	18.12	18.20		
20	256QAM	1	49	18.26	18.41	17.91	18.00	18.13	19.5	0
20	256QAM	1	99	18.23	18.46	17.91	18.07	18.06		
20	256QAM	50	0	18.19	18.32	17.84	18.06	18.07		
20	256QAM	50	24	18.23	18.44	17.96	18.07	18.10	19.5	0
20	256QAM	50	50	18.24	18.40	17.96	18.05	18.17		
20	256QAM	100	0	18.14	18.44	17.83	18.03	18.14		
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	18.22	18.39	17.97	18.06	18.13		
15	QPSK	1	37	18.21	18.41	17.91	17.99	18.21	19.5	0
15	QPSK	1	74	18.24	18.51	17.89	17.95	18.19		
15	QPSK	36	0	18.22	18.49	17.93	18.03	18.21		
15	QPSK	36	20	18.23	18.43	17.97	17.95	18.08	19.5	0
15	QPSK	36	39	18.16	18.38	17.93	18.05	18.21		
15	QPSK	75	0	18.19	18.47	17.95	18.01	18.15		
15	16QAM	1	0	18.26	18.42	17.88	17.99	18.10		
15	16QAM	1	37	18.30	18.39	18.02	18.00	18.12	19.5	0
15	16QAM	1	74	18.22	18.46	17.88	18.08	18.12		
15	16QAM	36	0	18.18	18.38	17.94	18.05	18.22		
15	16QAM	36	20	18.27	18.43	17.96	18.01	18.20	19.5	0
15	16QAM	36	39	18.20	18.44	18.02	17.97	18.14		
15	16QAM	75	0	18.24	18.44	17.90	18.00	18.11		
15	64QAM	1	0	18.24	18.51	17.90	18.01	18.09		
15	64QAM	1	37	18.18	18.44	17.93	18.09	18.09	19.5	0
15	64QAM	1	74	18.30	18.44	17.92	18.02	18.22		
15	64QAM	36	0	18.27	18.45	17.91	18.

Band 42 Part27Q_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.81	18.83	18.80		
20	QPSK	1	49	18.70	18.72	18.63	19.2	0
20	QPSK	1	99	18.77	18.76	18.71		
20	QPSK	50	0	18.80	18.81	18.78		
20	QPSK	50	24	18.76	18.80	18.69	19.2	0
20	QPSK	50	50	18.76	18.74	18.73		
20	QPSK	100	0	18.77	18.78	18.75		
20	16QAM	1	0	18.77	18.73	18.72		
20	16QAM	1	49	18.78	18.69	18.67	19.2	0
20	16QAM	1	99	18.68	18.79	18.75		
20	16QAM	50	0	18.75	18.78	18.77		
20	16QAM	50	24	18.76	18.78	18.66	19.2	0
20	16QAM	50	50	18.77	18.78	18.69		
20	16QAM	100	0	18.74	18.69	18.75		
20	64QAM	1	0	18.68	18.70	18.73		
20	64QAM	1	49	18.69	18.68	18.77	19.2	0
20	64QAM	1	99	18.78	18.72	18.69		
20	64QAM	50	0	18.79	18.75	18.75		
20	64QAM	50	24	18.70	18.78	18.63	19.2	0
20	64QAM	50	50	18.65	18.68	18.73		
20	64QAM	100	0	18.78	18.67	18.74		
20	256QAM	1	0	17.95	18.00	17.96		
20	256QAM	1	49	18.08	18.14	18.12	18.7	0.5
20	256QAM	1	99	18.07	18.10	18.08		
20	256QAM	50	0	18.19	18.23	18.20		
20	256QAM	50	24	18.21	18.24	18.23	18.7	0.5
20	256QAM	50	50	18.25	18.29	18.30		
20	256QAM	100	0	18.12	18.18	18.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.74	18.75	18.62		
15	QPSK	1	37	18.67	18.72	18.74	19.2	0
15	QPSK	1	74	18.65	18.67	18.62		
15	QPSK	36	0	18.74	18.68	18.70		
15	QPSK	36	20	18.69	18.73	18.65	19.2	0
15	QPSK	36	39	18.67	18.70	18.70		
15	QPSK	75	0	18.68	18.67	18.74		
15	16QAM	1	0	18.67	18.75	18.63		
15	16QAM	1	37	18.75	18.65	18.65	19.2	0
15	16QAM	1	74	18.68	18.72	18.63		
15	16QAM	36	0	18.70	18.73	18.67		
15	16QAM	36	20	18.63	18.77	18.60	19.2	0
15	16QAM	36	39	18.74	18.68	18.66		
15	16QAM	75	0	18.62	18.63	18.63		
15	64QAM	1	0	18.71	18.64	18.74		
15	64QAM	1	37	18.65	18.75	18.68	19.2	0
15	64QAM	1	74	18.71	18.70	18.64		
15	64QAM	36	0	18.76	18.75	18.61		
15	64QAM	36	20	18.67	18.66	18.66	19.2	0
15	64QAM	36	39	18.63	18.72	18.72		
15	64QAM	75	0	18.65	18.64	18.65		
15	256QAM	1	0	17.81	17.88	17.82		
15	256QAM	1	37	18.06	17.99	18.05	18.7	0.5
15	256QAM	1	74	18.01	17.95	18.01		
15	256QAM	36	0	18.18	18.10	18.19		
15	256QAM	36	20	18.14	18.23	18.13	18.7	0.5
15	256QAM	36	39	18.18	18.20	18.27		
15	256QAM	75	0	18.11	18.13	18.14		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.67	18.76	18.69		
10	QPSK	1	25	18.75	18.64	18.66	19.2	0
10	QPSK	1	49	18.64	18.63	18.62		
10	QPSK	25	0	18.67	18.77	18.71		
10	QPSK	25	12	18.65	18.72	18.65	19.2	0
10	QPSK	25	25	18.72	18.74	18.67		
10	QPSK	50	0	18.67	18.70	18.74		
10	16QAM	1	0	18.76	18.69	18.73		
10	16QAM	1	25	18.74	18.74	18.63	19.2	0
10	16QAM	1	49	18.64	18.63	18.67		
10	16QAM	25	0	18.76	18.73	18.71		
10	16QAM	25	12	18.70	18.70	18.64	19.2	0
10	16QAM	25	25	18.65	18.71	18.62		
10	16QAM	50	0	18.70	18.70	18.67		
10	64QAM	1	0	18.74	18.75	18.63		
10	64QAM	1	25	18.73	18.64	18.72	19.2	0
10	64QAM	1	49	18.63	18.63	18.63		
10	64QAM	25	0	18.62	18.71	18.74		
10	64QAM	25	12	18.73	18.64	18.66	19.2	0
10	64QAM	25	25	18.67	18.68	18.68		
10	64QAM	50	0	18.74	18.77	18.69		
10	256QAM	1	0	17.85	17.90	17.81		
10	256QAM	1	25	18.01	18.13	18.00	18.7	0.5
10	256QAM	1	49	17.94	18.05	18.05		
10	256QAM	25	0	18.04	18.20	18.17		
10	256QAM	25	12	18.16	18.14	18.10	18.7	0.5
10	256QAM	25	25	18.16	18.18	18.16		
10	256QAM	50	0	18.12	18.16	18.17		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.71	18.65	18.73		
5	QPSK	1	12	18.72	18.67	18.74	19.2	0
5	QPSK	1	24	18.65	18.68	18.71		
5	QPSK	12	0	18.64	18.70	18.70		
5	QPSK	12	7	18.66	18.66	18.68	19.2	0
5	QPSK	12	13	18.68	18.65	18.62		
5	QPSK	25	0	18.64	18.77	18.74		
5	16QAM	1	0	18.66	18.69	18.62		
5	16QAM	1	12	18.75	18.67	18.65	19.2	0
5	16QAM	1	24	18.74	18.68	18.66		
5	16QAM	12	0	18.75	18.77	18.61		
5	16QAM	12	7	18.69	18.63	18.60	19.2	0
5	16QAM	12	13	18.62	18.66	18.62		
5	16QAM	25	0	18.72	18.72	18.66		
5	64QAM	1	0	18.76	18.67	18.69		
5	64QAM	1	12	18.69	18.69	18.61	19.2	0
5	64QAM	1	24	18.63	18.77	18.62		
5	64QAM	12	0	18.67	18.76	18.72		
5	64QAM	12	7	18.68	18.75	18.60	19.2	0
5	64QAM	12	13	18.64	18.71	18.69		
5	64QAM	25	0	18.67	18.75	18.71		
5	256QAM	1	0	17.90	17.88	17.84		
5	256QAM	1	12	17.96	18.11	17.97	18.7	0.5
5	256QAM	1	24	17.95	18.01	18.00		
5	256QAM	12	0	18.08	18.19	18.08		
5	256QAM	12	7	18.21	18.09	18.13	18.7	0.5
5	256QAM	12	13	18.20	18.26	18.18		
5	256QAM	25	0	18.00	18.05	18.13		

Band 42 Part27Q_Ant 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.00	20.02	19.98		
20	QPSK	1	49	19.88	19.85	19.87	20.5	0
20	QPSK	1	99	19.96	19.97	19.89		
20	QPSK	50	0	19.99	20.00	19.97		
20	QPSK	50	24	19.93	19.94	19.87	20.5	0
20	QPSK	50	50	19.83	19.90	19.81		
20	QPSK	100	0	19.97	19.98	19.95		
20	16QAM	1	0	19.86	19.96	19.86		
20	16QAM	1	49	19.89	19.94	19.93	20.5	0
20	16QAM	1	99	19.93	19.97	19.84		
20	16QAM	50	0	19.95	19.97	19.94		
20	16QAM	50	24	19.86	19.93	19.90	20.5	0
20	16QAM	50	50	19.86	19.94	19.84		
20	16QAM	100	0	19.96	19.96	19.85		
20	64QAM	1	0	19.94	19.94	19.80		
20	64QAM	1	49	19.83	19.96	19.87	20.5	0
20	64QAM	1	99	19.95	19.94	19.92		
20	64QAM	50	0	19.94	19.95	19.87		
20	64QAM	50	24	19.88	19.89	19.82	20.5	0
20	64QAM	50	50	19.93	19.97	19.81		
20	64QAM	100	0	19.89	19.88	19.89		
20	256QAM	1	0	18.06	18.21	18.15		
20	256QAM	1	49	18.20	18.36	18.31	19	1.5
20	256QAM	1	99	18.08	18.27	18.20		
20	256QAM	50	0	18.30	18.47	18.40		
20	256QAM	50	24	18.35	18.50	18.46	19	1.5
20	256QAM	50	50	18.33	18.51	18.44		
20	256QAM	100	0	18.25	18.43	18.40		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.90	19.85	19.82		
15	QPSK	1	37	19.90	19.84	19.84	20.5	0
15	QPSK	1	74	19.89	19.83	19.92		
15	QPSK	36	0	19.86	19.88	19.88		
15	QPSK	36	20	19.94	19.90	19.87	20.5	0
15	QPSK	36	39	19.84	19.89	19.92		
15	QPSK	75	0	19.90	19.93	19.90		
15	16QAM	1	0	19.89	19.87	19.84		
15	16QAM	1	37	19.83	19.91	19.94	20.5	0
15	16QAM	1	74	19.93	19.87	19.84		
15	16QAM	36	0	19.89	19.84	19.85		
15	16QAM	36	20	19.95	19.84	19.83	20.5	0
15	16QAM	36	39	19.88	19.90	19.92		
15	16QAM	75	0	19.88	19.90	19.82		
15	64QAM	1	0	19.89	19.92	19.84		
15	64QAM	1	37	19.87	19.89	19.89	20.5	0
15	64QAM	1	74	19.88	19.92	19.89		
15	64QAM	36	0	19.92	19.93	19.90		
15	64QAM	36	20	19.89	19.92	19.85	20.5	0
15	64QAM	36	39	19.82	19.89	19.88		
15	64QAM	75	0	19.89	19.92	19.92		
15	256QAM	1	0	18.00	18.13	18.07		
15	256QAM	1	37	18.15	18.31	18.31	19	1.5
15	256QAM	1	74	17.99	18.21	18.15		
15	256QAM	36	0	18.20	18.40	18.25		
15	256QAM	36	20	18.28	18.50	18.33	19	1.5
15	256QAM	36	39	18.27	18.49	18.36		
15	256QAM	75	0	18.16	18.42	18.37		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.95	19.90	19.85		
10	QPSK	1	25	19.85	19.88	19.88	20.5	0
10	QPSK	1	49	19.82	19.88	19.86		
10	QPSK	25	0	19.88	19.97	19.81		
10	QPSK	25	12	19.86	19.85	19.94	20.5	0
10	QPSK	25	25	19.89	19.84	19.90		
10	QPSK	50	0	19.85	19.96	19.81		
10	16QAM	1	0	19.84	19.96	19.82		
10	16QAM	1	25	19.91	19.88	19.92	20.5	0
10	16QAM	1	49	19.92	19.90	19.85		
10	16QAM	25	0	19.87	19.84	19.94		
10	16QAM	25	12	19.89	19.96	19.82	20.5	0
10	16QAM	25	25	19.95	19.85	19.88		
10	16QAM	50	0	19.95	19.92	19.80		
10	64QAM	1	0	19.96	19.96	19.94		
10	64QAM	1	25	19.93	19.84	19.80	20.5	0
10	64QAM	1	49	19.85	19.93	19.85		
10	64QAM	25	0	19.86	19.95	19.80		
10	64QAM	25	12	19.87	19.90	19.80	20.5	0
10	64QAM	25	25	19.84	19.83	19.91		
10	64QAM	50	0	19.91	19.95	19.91		
10	256QAM	1	0	17.98	18.11	18.07		
10	256QAM	1	25	18.09	18.32	18.30	19	1.5
10	256QAM	1	49	18.04	18.27	18.14		
10	256QAM	25	0	18.30	18.38	18.35		
10	256QAM	25	12	18.30	18.37	18.43	19	1.5
10	256QAM	25	25	18.30	18.49	18.36		
10	256QAM	50	0	18.35	18.33	18.33		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.90	19.89	19.87		
5	QPSK	1	12	19.86	19.84	19.93	20.5	0
5	QPSK	1	24	19.89	19.92	19.93		
5	QPSK	12	0	19.86	19.89	19.86		
5	QPSK	12	7	19.90	19.92	19.86	20.5	0
5	QPSK	12	13	19.95	19.85	19.91		
5	QPSK	25	0	19.85	19.84	19.91		
5	16QAM	1	0	19.94	19.85	19.81		
5	16QAM	1	12	19.89	19.97	19.87	20.5	0
5	16QAM	1	24	19.90	19.94	19.87		
5	16QAM	12	0	19.96	19.92	19.80		
5	16QAM	12	7	19.93	19.85	19.91	20.5	0
5	16QAM	12	13	19.85	19.86	19.92		
5	16QAM	25	0	19.82	19.86	19.88		
5	64QAM	1	0	19.88	19.91	19.85		
5	64QAM	1	12	19.94	19.96	19.86	20.5	0
5	64QAM	1	24	19.93	19.91	19.89		
5	64QAM	12	0	19.96	19.85	19.91		
5	64QAM	12	7	19.84	19.92	19.94	20.5	0
5	64QAM	12	13	19.85	19.88	19.84		
5	64QAM	25	0	19.90	19.94	19.90		
5	256QAM	1	0	17.96	18.13	18.06		
5	256QAM	1	12	18.12	18.35	18.20	19	1.5
5	256QAM	1	24	18.01	18.26	18.07		
5	256QAM	12	0	18.23	18.32	18.28		
5	256QAM	12	7	18.24	18.37	18.45	19	1.5
5	256QAM	12	13	18.33	18.40	18.37		
5	256QAM	25	0	18.19	18.40	18.37		

Band 42 Part27Q_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.20	17.23	17.18		
20	QPSK	1	49	17.04	17.08	17.10	18	0
20	QPSK	1	99	17.14	17.05	17.02		
20	QPSK	50	0	17.16	17.20	17.17		
20	QPSK	50	24	17.08	17.07	17.02	18	0
20	QPSK	50	50	17.06	17.06	17.14		
20	QPSK	100	0	17.16	17.18	17.15		
20	16QAM	1	0	17.04	17.16	17.06		
20	16QAM	1	49	17.12	17.08	17.06	18	0
20	16QAM	1	99	17.05	17.12	17.03		
20	16QAM	50	0	17.01	17.05	17.02		
20	16QAM	50	24	17.05	17.13	17.14	18	0
20	16QAM	50	50	17.01	17.14	17.14		
20	16QAM	100	0	17.02	17.17	17.10		
20	64QAM	1	0	17.02	17.09	17.07		
20	64QAM	1	49	17.06	17.08	17.00	18	0
20	64QAM	1	99	17.11	17.06	17.06		
20	64QAM	50	0	17.11	17.03	17.12		
20	64QAM	50	24	17.12	17.10	17.10	18	0
20	64QAM	50	50	17.09	17.13	17.08		
20	64QAM	100	0	17.14	17.05	17.06		
20	256QAM	1	0	14.96	14.97	14.79		
20	256QAM	1	49	14.94	14.94	14.74	16	2
20	256QAM	1	99	14.89	14.92	14.75		
20	256QAM	50	0	15.11	15.15	14.94		
20	256QAM	50	24	15.16	15.18	15.00	16	2
20	256QAM	50	50	15.19	15.19	15.00		
20	256QAM	100	0	15.12	15.14	14.92		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.13	17.17	17.03		
15	QPSK	1	37	17.03	17.04	17.10	18	0
15	QPSK	1	74	17.05	17.15	17.11		
15	QPSK	36	0	17.12	17.05	17.13		
15	QPSK	36	20	17.02	17.12	17.05	18	0
15	QPSK	36	39	17.05	17.17	17.03		
15	QPSK	75	0	17.13	17.13	17.06		
15	16QAM	1	0	17.02	17.08	17.04		
15	16QAM	1	37	17.05	17.10	17.13	18	0
15	16QAM	1	74	17.03	17.16	17.03		
15	16QAM	36	0	17.09	17.04	17.01		
15	16QAM	36	20	17.15	17.05	17.08	18	0
15	16QAM	36	39	17.14	17.15	17.13		
15	16QAM	75	0	17.14	17.13	17.09		
15	64QAM	1	0	17.04	17.17	17.08		
15	64QAM	1	37	17.03	17.04	17.02	18	0
15	64QAM	1	74	17.14	17.14	17.09		
15	64QAM	36	0	17.01	17.03	17.03		
15	64QAM	36	20	17.15	17.10	17.12	18	0
15	64QAM	36	39	17.11	17.07	17.10		
15	64QAM	75	0	17.01	17.08	17.07		
15	256QAM	1	0	14.91	14.84	14.74		
15	256QAM	1	37	14.91	14.84	14.62	16	2
15	256QAM	1	74	14.84	14.92	14.71		
15	256QAM	36	0	15.01	15.07	14.86		
15	256QAM	36	20	15.03	15.03	14.86	16	2
15	256QAM	36	39	15.13	15.11	14.92		
15	256QAM	75	0	15.02	15.13	14.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.03	17.03	17.11		
10	QPSK	1	25	17.12	17.05	17.03	18	0
10	QPSK	1	49	17.10	17.07	17.01		
10	QPSK	25	0	17.06	17.09	17.01		
10	QPSK	25	12	17.03	17.16	17.04	18	0
10	QPSK	25	25	17.03	17.06	17.03		
10	QPSK	50	0	17.02	17.13	17.06		
10	16QAM	1	0	17.13	17.11	17.10		
10	16QAM	1	25	17.05	17.07	17.11	18	0
10	16QAM	1	49	17.06	17.11	17.09		
10	16QAM	25	0	17.04	17.15	17.03		
10	16QAM	25	12	17.05	17.11	17.10	18	0
10	16QAM	25	25	17.10	17.09	17.08		
10	16QAM	50	0	17.04	17.17	17.06		
10	64QAM	1	0	17.06	17.05	17.06		
10	64QAM	1	25	17.12	17.07	17.12	18	0
10	64QAM	1	49	17.03	17.11	17.10		
10	64QAM	25	0	17.11	17.16	17.09		
10	64QAM	25	12	17.06	17.16	17.00	18	0
10	64QAM	25	25	17.01	17.08	17.06		
10	64QAM	50	0	17.03	17.16	17.11		
10	256QAM	1	0	14.82	14.83	14.65		
10	256QAM	1	25	14.93	14.93	14.68	16	2
10	256QAM	1	49	14.86	14.90	14.73		
10	256QAM	25	0	14.99	15.01	14.85		
10	256QAM	25	12	15.10	15.13	14.98	16	2
10	256QAM	25	25	15.16	15.05	15.00		
10	256QAM	50	0	15.05	15.11	14.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.05	17.09	17.06		
5	QPSK	1	12	17.09	17.10	17.12	18	0
5	QPSK	1	24	17.07	17.15	17.00		
5	QPSK	12	0	17.05	17.12	17.11		
5	QPSK	12	7	17.09	17.09	17.05	18	0
5	QPSK	12	13	17.03	17.06	17.07		
5	QPSK	25	0	17.01	17.11	17.05		
5	16QAM	1	0	17.06	17.07	17.09		
5	16QAM	1	12	17.12	17.14	17.14	18	0
5	16QAM	1	24	17.08	17.03	17.05		
5	16QAM	12	0	17.02	17.11	17.05		
5	16QAM	12	7	17.08	17.03	17.07	18	0
5	16QAM	12	13	17.06	17.17	17.10		
5	16QAM	25	0	17.10	17.03	17.05		
5	64QAM	1	0	17.02	17.17	17.08		
5	64QAM	1	12	17.04	17.09	17.06	18	0
5	64QAM	1	24	17.04	17.11	17.02		
5	64QAM	12	0	17.03	17.15	17.10		
5	64QAM	12	7	17.01	17.17	17.03	18	0
5	64QAM	12	13	17.07	17.06	17.06		
5	64QAM	25	0	17.07	17.13	17.06		
5	256QAM	1	0	14.91	14.92	14.64		
5	256QAM	1	12	14.93	14.90	14.64	16	2
5	256QAM	1	24	14.89	14.88	14.73		
5	256QAM	12	0	15.03	15.06	14.81		
5	256QAM	12	7	15.12	15.12	15.00	16	2
5	256QAM	12	13	15.12	15.19	15.00		
5	256QAM	25	0	15.09	15.06	14.90		

Band 42 Part27Q_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.93	18.95	18.91		
20	QPSK	1	49	18.90	18.91	18.88	19.5	0
20	QPSK	1	99	18.84	18.83	18.80		
20	QPSK	50	0	18.85	18.86	18.84		
20	QPSK	50	24	18.84	18.84	18.83	19.5	0
20	QPSK	50	50	18.79	18.80	18.76		
20	QPSK	100	0	18.83	18.85	18.81		
20	16QAM	1	0	18.87	18.88	18.87		
20	16QAM	1	49	18.87	18.88	18.86	19.5	0
20	16QAM	1	99	18.88	18.90	18.90		

Reduced Power Mode for ECI3

GSM850_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	29.52	29.72	29.54	30.70	20.52	20.72	20.54	21.70
GPRS/EDGE GMSK 1 Tx slot	29.50	29.70	29.53	30.70	20.50	20.70	20.53	21.70
GPRS/EDGE GMSK 2 Tx slots	26.30	26.56	26.47	27.20	20.30	20.56	20.47	21.20
GPRS/EDGE GMSK 3 Tx slots	24.31	24.62	24.52	25.40	20.05	20.36	20.26	21.14
GPRS/EDGE GMSK 4 Tx slots	23.01	23.34	23.24	24.00	20.01	20.34	20.24	21.00
EDGE 8PSK 1 Tx slot	26.73	26.72	26.64	27.70	17.73	17.72	17.64	18.70
EDGE 8PSK 2 Tx slots	24.48	24.59	24.48	25.70	18.48	18.59	18.48	19.70
EDGE 8PSK 3 Tx slots	22.25	22.41	22.21	23.70	17.99	18.15	17.95	19.44
EDGE 8PSK 4 Tx slots	20.50	20.54	20.38	22.20	17.50	17.54	17.38	19.20

GSM850_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.05	32.32	32.28	33.20	23.05	23.32	23.28	24.20
GPRS/EDGE GMSK 1 Tx slot	32.02	32.30	32.25	33.20	23.02	23.30	23.25	24.20
GPRS/EDGE GMSK 2 Tx slots	30.30	30.62	30.58	31.20	24.30	24.62	24.58	25.20
GPRS/EDGE GMSK 3 Tx slots	28.11	28.42	28.44	29.20	23.85	24.16	24.18	24.94
GPRS/EDGE GMSK 4 Tx slots	26.42	26.72	26.78	27.70	23.42	23.72	23.78	24.70
EDGE 8PSK 1 Tx slot	26.24	26.35	26.22	27.70	17.24	17.35	17.22	18.70
EDGE 8PSK 2 Tx slots	24.09	24.25	24.09	25.70	18.09	18.25	18.09	19.70
EDGE 8PSK 3 Tx slots	21.85	22.02	22.01	23.70	17.59	17.76	17.75	19.44
EDGE 8PSK 4 Tx slots	20.24	20.21	20.20	22.20	17.24	17.21	17.20	19.20

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	24.33	24.41	24.39	25.20	15.33	15.41	15.39	16.20
GPRS/EDGE GMSK 1 Tx slot	24.31	24.39	24.37	25.20	15.31	15.39	15.37	16.20
GPRS/EDGE GMSK 2 Tx slots	21.34	21.44	21.42	22.20	15.34	15.44	15.42	16.20
GPRS/EDGE GMSK 3 Tx slots	19.53	19.67	19.72	20.40	15.27	15.41	15.46	16.14
GPRS/EDGE GMSK 4 Tx slots	18.29	18.41	18.50	19.00	15.29	15.41	15.50	16.00
EDGE 8PSK 1 Tx slot	24.55	24.48	24.71	25.70	15.55	15.48	15.71	16.70
EDGE 8PSK 2 Tx slots	21.52	21.55	21.53	22.70	15.52	15.55	15.53	16.70
EDGE 8PSK 3 Tx slots	19.51	19.52	19.58	20.90	15.25	15.26	15.32	16.64
EDGE 8PSK 4 Tx slots	18.00	18.04	18.11	19.50	15.00	15.04	15.11	16.50

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.16	29.32	29.18	30.70	20.16	20.32	20.18	21.70
GPRS/EDGE GMSK 1 Tx slot	29.14	29.31	29.16	30.70	20.14	20.31	20.16	21.70
GPRS/EDGE GMSK 2 Tx slots	27.01	27.32	27.10	28.70	21.01	21.32	21.10	22.70
GPRS/EDGE GMSK 3 Tx slots	25.01	25.22	25.12	26.70	20.75	20.96	20.86	22.44
GPRS/EDGE GMSK 4 Tx slots	23.54	23.85	23.66	25.20	20.54	20.85	20.66	22.20
EDGE 8PSK 1 Tx slot	25.93	25.84	25.82	27.20	16.93	16.84	16.82	18.20
EDGE 8PSK 2 Tx slots	23.92	23.87	23.83	25.20	17.92	17.87	17.83	19.20
EDGE 8PSK 3 Tx slots	21.75	21.68	21.70	23.20	17.49	17.42	17.44	18.94
EDGE 8PSK 4 Tx slots	20.16	20.14	20.23	21.70	17.16	17.14	17.23	18.70

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	15.61	15.63	15.60	16.70	22.83	22.85	22.70	24.20
3GPP Rel 99	RMC 12.2Kbps	15.63	15.65	15.61	16.70	22.84	22.86	22.73	24.20
3GPP Rel 6	HSDPA Subtest-1	15.56	15.55	15.58	16.70	22.76	22.83	22.69	24.20
3GPP Rel 6	HSDPA Subtest-2	15.54	15.53	15.58	16.70	22.77	22.82	22.71	24.20
3GPP Rel 6	HSDPA Subtest-3	15.46	15.48	15.51	16.70	22.31	22.37	22.24	23.70
3GPP Rel 6	HSDPA Subtest-4	15.49	15.50	15.59	16.70	22.27	22.34	22.20	23.70
3GPP Rel 8	DC-HSDPA Subtest-1	15.49	15.57	15.56	16.70	22.71	22.74	22.58	24.20
3GPP Rel 8	DC-HSDPA Subtest-2	15.48	15.59	15.57	16.70	22.69	22.70	22.63	24.20
3GPP Rel 8	DC-HSDPA Subtest-3	15.53	15.48	15.49	16.70	22.23	22.30	22.11	23.70
3GPP Rel 8	DC-HSDPA Subtest-4	15.60	15.50	15.55	16.70	22.19	22.29	22.09	23.70
3GPP Rel 6	HSUPA Subtest-1	15.56	15.48	15.45	16.70	20.77	20.78	21.00	22.20
3GPP Rel 6	HSUPA Subtest-2	15.46	15.51	15.58	16.70	20.74	20.79	21.05	22.20
3GPP Rel 6	HSUPA Subtest-3	15.59	15.50	15.50	16.70	21.78	21.83	22.03	23.20
3GPP Rel 6	HSUPA Subtest-4	15.52	15.59	15.45	16.70	20.28	20.28	20.60	21.70
3GPP Rel 6	HSUPA Subtest-5	15.55	15.49	15.54	16.70	21.75	21.80	22.00	23.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.46	15.54	15.46	16.70	19.96	20.12	20.02	21.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	14.98	15.00	14.97	15.70	23.25	23.45	23.43	24.70
3GPP Rel 99	RMC 12.2Kbps	15.00	15.02	14.98	15.70	23.28	23.48	23.47	24.70
3GPP Rel 6	HSDPA Subtest-1	14.94	14.96	14.85	15.70	23.21	23.47	23.46	24.70
3GPP Rel 6	HSDPA Subtest-2	14.95	14.86	14.96	15.70	23.22	23.46	23.42	24.70
3GPP Rel 6	HSDPA Subtest-3	14.91	14.91	14.93	15.70	22.74	22.98	23.00	24.20
3GPP Rel 6	HSDPA Subtest-4	14.87	14.90	14.85	15.70	22.69	22.92	22.93	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	14.83	14.86	14.94	15.70	23.09	23.39	23.40	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	14.84	14.87	14.83	15.70	23.07	23.33	23.33	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	14.91	14.88	14.84	15.70	22.69	22.92	22.95	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	14.91	14.87	14.82	15.70	22.58	22.78	22.86	24.20
3GPP Rel 6	HSUPA Subtest-1	14.87	14.90	14.86	15.70	21.24	21.44	21.41	22.70
3GPP Rel 6	HSUPA Subtest-2	14.95	14.94	14.88	15.70	21.26	21.46	21.41	22.70
3GPP Rel 6	HSUPA Subtest-3	14.85	14.88	14.85	15.70	22.27	22.46	22.42	23.70
3GPP Rel 6	HSUPA Subtest-4	14.94	14.91	14.96	15.70	20.75	21.10	20.94	22.20
3GPP Rel 6	HSUPA Subtest-5	14.83	14.99	14.87	15.70	22.20	22.43	22.37	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.87	14.89	14.86	15.70	20.25	20.24	20.13	21.70

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 31			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	20.16	20.18	20.15	21.20	23.80	23.80	23.73	24.70
3GPP Rel 99	RMC 12.2Kbps	20.18	20.20	20.17	21.20	23.82	23.83	23.76	24.70
3GPP Rel 6	HSDPA Subtest-1	20.01	20.10	20.03	21.20	23.79	23.76	23.74	24.70
3GPP Rel 6	HSDPA Subtest-2	20.12	20.17	20.12	21.20	23.80	23.82	23.71	24.70
3GPP Rel 6	HSDPA Subtest-3	20.06	20.17	20.14	21.20	23.32	23.37	23.25	24.20
3GPP Rel 6	HSDPA Subtest-4	20.12	20.17	20.12	21.20	23.29	23.32	23.20	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	20.02	20.10	20.14	21.20	23.64	23.64	23.73	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	20.11	20.03	20.14	21.20	23.71	23.70	23.67	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	20.14	20.13	20.07	21.20	23.26	23.27	23.18	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.08	20.08	20.08	21.20	23.23	23.19	23.15	24.20
3GPP Rel 6	HSUPA Subtest-1	20.05	20.07	20.10	21.20	21.78	21.81	21.72	22.70
3GPP Rel 6	HSUPA Subtest-2	20.10	20.15	20.01	21.20	21.80	21.79	21.77	22.70
3GPP Rel 6	HSUPA Subtest-3	20.09	20.12	20.11	21.20	22.80	22.77	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	20.09	20.14	20.10	21.20	21.32	21.31	21.23	22.20
3GPP Rel 6	HSUPA Subtest-5	20.11	20.11	20.02	21.20	22.80	22.82	22.70	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.09	20.17	20.12	21.20	20.08	20.23	20.20	21.70

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.85	15.87	15.83		
20	QPSK	1	49	15.68	15.74	15.69	16.7	0
20	QPSK	1	99	15.79	15.74	15.67		
20	QPSK	50	0	15.83	15.85	15.81		
20	QPSK	50	24	15.69	15.68	15.77	16.7	0
20	QPSK	50	50	15.77	15.76	15.72		
20	QPSK	100	0	15.81	15.83	15.80		
20	16QAM	1	0	15.71	15.76	15.75		
20	16QAM	1	49	15.68	15.79	15.71	16.7	0
20	16QAM	1	99	15.74	15.74	15.72		
20	16QAM	50	0	15.75	15.68	15.67		
20	16QAM	50	24	15.72	15.72	15.76	16.7	0
20	16QAM	50	50	15.73	15.70	15.76		
20	16QAM	100	0	15.72	15.68	15.79		
20	64QAM	1	0	15.79	15.76	15.73		
20	64QAM	1	49	15.74	15.77	15.66	16.7	0
20	64QAM	1	99	15.70	15.74	15.66		
20	64QAM	50	0	15.67	15.77	15.68		
20	64QAM	50	24	15.75	15.68	15.70	16.7	0
20	64QAM	50	50	15.72	15.72	15.67		
20	64QAM	100	0	15.68	15.80	15.74		
20	256QAM	1	0	15.79	15.79	15.72		
20	256QAM	1	49	15.79	15.79	15.73	16.7	0
20	256QAM	1	99	15.69	15.81	15.72		
20	256QAM	50	0	15.67	15.79	15.75		
20	256QAM	50	24	15.71	15.69	15.79	16.7	0
20	256QAM	50	50	15.78	15.77	15.75		
20	256QAM	100	0	15.71	15.76	15.79		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.67	15.73	15.72		
15	QPSK	1	37	15.79	15.73	15.73	16.7	0
15	QPSK	1	74	15.70	15.77	15.67		
15	QPSK	36	0	15.79	15.76	15.78		
15	QPSK	36	20	15.73	15.80	15.75	16.7	0
15	QPSK	36	39	15.67	15.68	15.74		
15	QPSK	75	0	15.67	15.78	15.67		
15	16QAM	1	0	15.78	15.71	15.69		
15	16QAM	1	37	15.73	15.73	15.69	16.7	0
15	16QAM	1	74	15.67	15.71	15.71		
15	16QAM	36	0	15.74	15.71	15.67		
15	16QAM	36	20	15.76	15.76	15.71	16.7	0
15	16QAM	36	39	15.77	15.77	15.73		
15	16QAM	75	0	15.67	15.73	15.69		
15	64QAM	1	0	15.73	15.77	15.69		
15	64QAM	1	37	15.69	15.69	15.76	16.7	0
15	64QAM	1	74	15.70	15.71	15.76		
15	64QAM	36	0	15.79	15.73	15.77		
15	64QAM	36	20	15.66	15.75	15.75	16.7	0
15	64QAM	36	39	15.74	15.75	15.68		
15	64QAM	75	0	15.68	15.82	15.65		
15	256QAM	1	0	15.77	15.72	15.69		
15	256QAM	1	37	15.79	15.81	15.66	16.7	0
15	256QAM	1	74	15.66	15.70	15.69		
15	256QAM	36	0	15.75	15.77	15.79		
15	256QAM	36	20	15.67	15.77	15.66	16.7	0
15	256QAM	36	39	15.68	15.72	15.68		
15	256QAM	75	0	15.72	15.70	15.68		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.75	15.72	15.70		
10	QPSK	1	25	15.67	15.77	15.71	16.7	0
10	QPSK	1	49	15.69	15.75	15.72		
10	QPSK	25	0	15.73	15.68	15.72		
10	QPSK	25	12	15.77	15.80	15.70	16.7	0
10	QPSK	25	25	15.68	15.68	15.72		
10	QPSK	50	0	15.76	15.79	15.78		
10	16QAM	1	0	15.78	15.81	15.72		
10	16QAM	1	25	15.80	15.81	15.76	16.7	0
10	16QAM	1	49	15.80	15.70	15.73		
10	16QAM	25	0	15.72	15.70	15.67		
10	16QAM	25	12	15.68	15.73	15.76	16.7	0
10	16QAM	25	25	15.67	15.73	15.65		
10	16QAM	50	0	15.76	15.80	15.66		
10	64QAM	1	0	15.79	15.73	15.71		
10	64QAM	1	25	15.76	15.81	15.67	16.7	0
10	64QAM	1	49	15.80	15.68	15.72		
10	64QAM	25	0	15.69	15.79	15.67		
10	64QAM	25	12	15.69	15.76	15.66	16.7	0
10	64QAM	25	25	15.76	15.70	15.70		
10	64QAM	50	0	15.72	15.80	15.66		
10	256QAM	1	0	15.78	15.72	15.67		
10	256QAM	1	25	15.69	15.73	15.79	16.7	0
10	256QAM	1	49	15.75	15.79	15.76		
10	256QAM	25	0	15.72	15.70	15.70		
10	256QAM	25	12	15.80	15.72	15.76	16.7	0
10	256QAM	25	25	15.72	15.80	15.66		
10	256QAM	50	0	15.76	15.80	15.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.66	15.70	15.77		
5	QPSK	1	12	15.70	15.76	15.67	16.7	0
5	QPSK	1	24	15.67	15.73	15.69		
5	QPSK	12	0	15.69	15.82	15.79		
5	QPSK	12	7	15.67	15.78	15.65	16.7	0
5	QPSK	12	13	15.77	15.74	15.67		
5	QPSK	25	0	15.66	15.73	15.77		
5	16QAM	1	0	15.79	15.78	15.73		
5	16QAM	1	12	15.73	15.77	15.65	16.7	0
5	16QAM	1	24	15.66	15.70	15.75		
5	16QAM	12	0	15.74	15.69	15.68		
5	16QAM	12	7	15.79	15.76	15.74	16.7	0
5	16QAM	12	13	15.70	15.69	15.69		
5	16QAM	25	0	15.72	15.78	15.68		
5	64QAM	1	0	15.70	15.81	15.68		
5	64QAM	1	12	15.80	15.72	15.72	16.7	0
5	64QAM	1	24	15.69	15.71	15.65		
5	64QAM	12	0	15.80	15.82	15.75		
5	64QAM	12	7	15.72	15.73	15.68	16.7	0
5	64QAM	12	13	15.68	15.78	15.69		
5	64QAM	25	0	15.80	15.82	15.70		
5	256QAM	1	0	15.73	15.78	15.76		
5	256QAM	1	12	15.74	15.81	15.73	16.7	0
5	256QAM	1	24	15.77	15.70	15.75		
5	256QAM	12	0	15.78	15.79	15.67		
5	256QAM	12	7	15.68	15.81	15.79	16.7	0
5	256QAM	12	13	15.74	15.69	15.66		
5	256QAM	25	0	15.71	15.71	15.77		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.73	15.71	15.68		
3	QPSK	1	8	15.75	15.69	15.72	16.7	0
3	QPSK	1	14	15.75	15.73	15.66		
3	QPSK	8	0	15.79	15.78	15.72		
3	QPSK	8	4	15.75	15.69	15.78	16.7	0
3	QPSK	8	7	15.77	15.79	15.68		
3	QPSK	15	0	15.68	15.71	15.79		
3	16QAM	1	0	15.75	15.73	15.69		
3	16QAM	1	8	15.66	15.70	15.65	16.7	0
3	16QAM	1	14	15.70	15.73	15.74		
3	16QAM	8	0	15.74	15.68	15.72		
3	16QAM	8	4	15.75	15.69	15.65	16.7	0
3	16QAM	8	7	15.68	15.81	15.68		
3	16QAM	15	0	15.72	15.76	15.74		
3	64QAM	1	0	15.71	15.78	15.77		
3	64QAM	1	8	15.75	15.78	15.65	16.7	0
3	64QAM	1	14	15.74	15.72	15.71		
3	64QAM	8	0	15.66	15.78	15.68		
3	64QAM	8	4	15.69	15.74	15.66	16.7	0
3	64QAM	8	7	15.77	15.75	15.74		
3	64QAM	15	0	15.78	15.77	15.73		
3	256QAM	1	0	15.80	15.77	15.77		
3	256QAM	1	8	15.77	15.78	15.72	16.7	0
3	256QAM	1	14	15.75	15.72	15.73		
3	256QAM	8	0	15.79	15.82	15.72		
3	256QAM	8	4	15.72	15.73	15.67	16.7	0
3	256QAM	8	7	15.71	15.76	15.66		
3	256QAM	15	0	15.80	15.79	15.74		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.68	15.78	15.75		
1.4	QPSK	1	3	15.72	15.69	15.77		
1.4	QPSK	1	5	15.70	15.81	15.75	16.7	0
1.4	QPSK	3	0	15.80	15.71	15.73		
1.4	QPSK	3	1	15.80	15.81	15.73		
1.4	QPSK	3	3	15.67	15.69	15.77		
1.4	QPSK	6	0	15.80	15.78	15.72	16.7	0
1.4	16QAM	1	0	15.66	15.80	15.72		
1.4	16QAM	1	3	15.76	15.76	15.73		
1.4	16QAM	1	5	15.70	15.79	15.72	16.7	0
1.4	16QAM	3	0	15.73	15.82	15.74		
1.4	16QAM	3	1	15.67	15.76	15.71		
1.4	16QAM	3	3	15.80	15.81	15.78		
1.4	16QAM	6	0	15.75	15.82	15.73	16.7	0
1.4	64QAM	1	0	15.79	15.69	15.74		
1.4	64QAM	1	3	15.79	15.73	15.71		
1.4	64QAM	1	5	15.79	15.81	15.72	16.7	0
1.4	64QAM	3	0	15.77	15.80	15.79		
1.4	64QAM	3	1	15.78	15.69	15.70		
1.4	64QAM	3	3	15.74	15.71	15.67		
1.4	64QAM	6	0	15.75	15.72	15.73	16.7	0
1.4	256QAM	1	0	15.72	15.73	15.69		
1.4	256QAM	1	3	15.78	15.81	15.77		
1.4	256QAM	1	5	15.76	15.71	15.74	16.7	0
1.4	256QAM	3	0	15.72	15.82	15.78		
1.4	256QAM	3	1	15.66	15.76	15.72		
1.4	256QAM	3	3	15.67	15.69	15.73		
1.4	256QAM	6	0	15.79	15.80	15.67	16.7	0

Band 2_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.33	23.35	23.31		
20	QPSK	1	49	23.14	23.27	23.30	24.5	0
20	QPSK	1	99	23.16	23.21	23.15		
20	QPSK	50	0	22.34	22.36	22.32		
20	QPSK	50	24	22.30	22.27	22.30	23.5	1
20	QPSK	50	50	22.27	22.22	22.23		
20	QPSK	100	0	22.30	22.33	22.29		
20	16QAM	1	0	22.44	22.59	22.69		
20	16QAM	1	49	22.61	22.59	22.73	23.5	1
20	16QAM	1	99	22.39	22.52	22.40		
20	16QAM	50	0	21.36	21.32	21.22		
20	16QAM	50	24	21.25	21.29	21.20	22.5	2
20	16QAM	50	50	21.23	21.21	21.22		
20	16QAM	100	0	21.23	21.25	21.22		
20	64QAM	1	0	21.06	21.53	21.53		
20	64QAM	1	49	21.04	21.54	21.50	22.5	2
20	64QAM	1	99	21.46	21.21	21.25		
20	64QAM	50	0	20.26	20.30	20.26		
20	64QAM	50	24	20.25	20.25	20.23	21.5	3
20	64QAM	50	50	20.22	20.21	20.25		
20	64QAM	100	0	20.26	20.29	20.20		
20	256QAM	1	0	18.36	18.38	18.35		
20	256QAM	1	49	18.26	18.37	18.26	19.5	5
20	256QAM	1	99	18.28	18.37	18.22		
20	256QAM	50	0	18.30	18.32	18.29		
20	256QAM	50	24	18.24	18.26	18.34	19.5	5
20	256QAM	50	50	18.31	18.37	18.34		
20	256QAM	100	0	18.26	18.34	18.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.25	23.20	23.28		
15	QPSK	1	37	23.07	23.23	23.17	24.5	0
15	QPSK	1	74	23.01	23.17	23.14		
15	QPSK	36	0	22.23	22.24	22.23		
15	QPSK	36	20	22.20	22.20	22.17	23.5	1
15	QPSK	36	39	22.13	22.14	22.14		
15	QPSK	75	0	22.21	22.19	22.22		
15	16QAM	1	0	22.42	22.58	22.58		
15	16QAM	1	37	22.51	22.46	22.60	23.5	1
15	16QAM	1	74	22.32	22.41	22.28		
15	16QAM	36	0	21.33	21.29	21.20		
15	16QAM	36	20	21.11	21.14	21.05	22.5	2
15	16QAM	36	39	21.12	21.11	21.13		
15	16QAM	75	0	21.09	21.23	21.09		
15	64QAM	1	0	20.99	21.40	21.44		
15	64QAM	1	37	20.91	21.44	21.49	22.5	2
15	64QAM	1	74	21.31	21.08	21.15		
15	64QAM	36	0	20.11	20.15	20.23		
15	64QAM	36	20	20.12	20.21	20.20	21.5	3
15	64QAM	36	39	20.08	20.14	20.11		
15	64QAM	75	0	20.14	20.18	20.12		
15	256QAM	1	0	18.34	18.37	18.29		
15	256QAM	1	37	18.24	18.22	18.19	19.5	5
15	256QAM	1	74	18.27	18.26	18.08		
15	256QAM	36	0	18.18	18.25	18.17		
15	256QAM	36	20	18.14	18.12	18.33	19.5	5
15	256QAM	36	39	18.21	18.24	18.29		
15	256QAM	75	0	18.11	18.26	18.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.30	23.34	23.18		
10	QPSK	1	25	23.01	23.16	23.24	24.5	0
10	QPSK	1	49	23.14	23.12	23.05		
10	QPSK	25	0	22.26	22.34	22.25		
10	QPSK	25	12	22.27	22.26	22.21	23.5	1
10	QPSK	25	25	22.12	22.20	22.16		
10	QPSK	50	0	22.20	22.18	22.18		
10	16QAM	1	0	22.42	22.50	22.54		
10	16QAM	1	25	22.54	22.58	22.67	23.5	1
10	16QAM	1	49	22.32	22.51	22.26		
10	16QAM	25	0	21.35	21.22	21.11		
10	16QAM	25	12	21.10	21.28	21.15	22.5	2
10	16QAM	25	25	21.11	21.17	21.14		
10	16QAM	50	0	21.20	21.11	21.10		
10	64QAM	1	0	20.92	21.51	21.39		
10	64QAM	1	25	20.91	21.39	21.47	22.5	2
10	64QAM	1	49	21.33	21.08	21.23		
10	64QAM	25	0	20.18	20.16	20.15		
10	64QAM	25	12	20.13	20.22	20.21	21.5	3
10	64QAM	25	25	20.11	20.13	20.10		
10	64QAM	50	0	20.16	20.17	20.17		
10	256QAM	1	0	18.26	18.23	18.28		
10	256QAM	1	25	18.23	18.35	18.11	19.5	5
10	256QAM	1	49	18.18	18.34	18.14		
10	256QAM	25	0	18.16	18.19	18.22		
10	256QAM	25	12	18.19	18.14	18.22	19.5	5
10	256QAM	25	25	18.21	18.35	18.26		
10	256QAM	50	0	18.24	18.27	18.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.22	23.24	23.28		
5	QPSK	1	12	23.02	23.12	23.26	24.5	0
5	QPSK	1	24	23.15	23.17	23.14		
5	QPSK	12	0	22.32	22.26	22.28		
5	QPSK	12	7	22.20	22.18	22.19	23.5	1
5	QPSK	12	13	22.22	22.07	22.21		
5	QPSK	25	0	22.18	22.26	22.20		
5	16QAM	1	0	22.33	22.50	22.66		
5	16QAM	1	12	22.63	22.52	22.63	23.5	1
5	16QAM	1	24	22.27	22.46	22.35		
5	16QAM	12	0	21.24	21.26	21.08		
5	16QAM	12	7	21.17	21.24	21.17	22.5	2
5	16QAM	12	13	21.16	21.16	21.18		
5	16QAM	25	0	21.20	21.21	21.14		
5	64QAM	1	0	21.00	21.46	21.46		
5	64QAM	1	12	20.96	21.46	21.49	22.5	2
5	64QAM	1	24	21.37	21.07	21.12		
5	64QAM	12	0	20.16	20.16	20.21		
5	64QAM	12	7	20.21	20.15	20.09	21.5	3
5	64QAM	12	13	20.19	20.15	20.21		
5	64QAM	25	0	20.24	20.16	20.05		
5	256QAM	1	0	18.30	18.34	18.26		
5	256QAM	1	12	18.12	18.36	18.17	19.5	5
5	256QAM	1	24	18.13	18.26	18.14		
5	256QAM	12	0	18.29	18.30	18.28		
5	256QAM	12	7	18.13	18.14	18.24	19.5	5
5	256QAM	12	13	18.21	18.26	18.24		
5	256QAM	25	0	18.18	18.30	18.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.24	23.30	23.19		
3	QPSK	1	8	23.02	23.23	23.21	24.5	0
3	QPSK	1	14	23.05	23.10	23.10		
3	QPSK	8	0	22.26	22.24	22.19		
3	QPSK	8	4	22.29	22.12	22.22	23.5	1
3	QPSK	8	7	22.22	22.11	22.18		
3	QPSK	15	0	22.19	22.26	22.14		
3	16QAM	1	0	22.43	22.49	22.68		
3	16QAM	1	8	22.58	22.49	22.63	23.5	1
3	16QAM	1	14	22.24	22.44	22.38		
3	16QAM	8	0	21.27	21.30	21.14		
3	16QAM	8	4	21.17	21.15	21.15	22.5	2
3	16QAM	8	7	21.10	21.08	21.18		
3	16QAM	15	0	21.17	21.19	21.20		
3	64QAM	1	0	21.00	21.48	21.47		
3	64QAM	1	8	21.03	21.47	21.49	22.5	2
3	64QAM	1	14	21.39	21.20	21.18		
3	64QAM	8	0	20.21	20.29	20.11		
3	64QAM	8	4	20.11	20.14	20.09	21.5	3
3	64QAM	8	7	20.17	20.13	20.21		
3	64QAM	15	0	20.17	20.21	20.14		
3	256QAM	1	0	18.29	18.28	18.34		
3	256QAM	1	8	18.19	18.25	18.24	19.5	5
3	256QAM	1	14	18.16	18.22	18.16		
3	256QAM	8	0	18.18	18.25	18.15		
3	256QAM	8	4	18.17	18.19	18.19	19.5	5
3	256QAM	8	7	18.20	18.26	18.26		
3	256QAM	15	0	18.25	18.22	18.17		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.27	23.32	23.25		
1.4	QPSK	1	3	23.01	23.14	23.15		
1.4	QPSK	1	5	23.10	23.07	23.02	24.5	0
1.4	QPSK	3	0	23.30	23.23	23.24		
1.4	QPSK	3	1	23.10	23.12	23.25		
1.4	QPSK	3	3	23.04	23.16	23.02		
1.4	QPSK	6	0	22.23	22.29	22.22	23.5	1
1.4	16QAM	1	0	22.18	22.24	22.25		
1.4	16QAM	1	3	22.15	22.13	22.10		
1.4	16QAM	1	5	22.18	22.28	22.18	23.5	1
1.4	16QAM	3	0	22.34	22.45	22.66		
1.4	16QAM	3	1	22.63	22.49	22.59		
1.4	16QAM	3	3	22.24	22.46	22.31		
1.4	16QAM	6	0	21.22	21.26	21.20	22.5	2
1.4	64QAM	1	0	21.24	21.17	21.12		
1.4	64QAM	1	3	21.10	21.14	21.09		
1.4	64QAM	1	5	21.14	21.23	21.09	22.5	2
1.4	64QAM	3	0	20.97	21.49	21.45		
1.4	64QAM	3	1	20.94	21.52	21.37		
1.4	64QAM	3	3	21.34	21.08	21.17		
1.4	64QAM	6	0	20.19	20.27	20.21	21.5	3
1.4	256QAM	1	0	18.30	18.25	18.32		
1.4	256QAM	1	3	18.20	18.23	18.22		
1.4	256QAM	1	5	18.13	18.33	18.20	19.5	5
1.4	256QAM	3	0	18.23	18.30	18.27		
1.4	256QAM	3	1	18.13	18.17	18.21		
1.4	256QAM	3	3	18.16	18.25	18.33		
1.4	256QAM	6	0	18.16	18.23	18.14	19.5	5

Band 2_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.83	21.93	21.90		
20	QPSK	1	49	21.77	21.85	21.82	23.6	0
20	QPSK	1	99	21.74	21.78	21.86		
20	QPSK	50	0	21.72	21.82	21.78		
20	QPSK	50	24	21.62	21.74	21.73	23.6	0
20	QPSK	50	50	21.69	21.79	21.73		
20	QPSK	100	0	21.67	21.77	21.73		
20	16QAM	1	0	21.78	21.91	21.86		
20	16QAM	1	49	21.68	21.84	21.88	23.6	0

Band 4_Ant 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.23	15.25	15.21		
20	QPSK	1	49	15.13	15.13	15.07	16.2	0
20	QPSK	1	99	15.12	15.06	15.06		
20	QPSK	50	0	15.21	15.23	15.20		
20	QPSK	50	24	15.19	15.10	15.15	16.2	0
20	QPSK	50	50	15.14	15.08	15.11		
20	QPSK	100	0	15.20	15.21	15.18		
20	16QAM	1	0	15.11	15.17	15.11		
20	16QAM	1	49	15.05	15.08	15.08	16.2	0
20	16QAM	1	99	15.07	15.15	15.14		
20	16QAM	50	0	15.14	15.18	15.03		
20	16QAM	50	24	15.19	15.07	15.04	16.2	0
20	16QAM	50	50	15.19	15.10	15.14		
20	16QAM	100	0	15.14	15.17	15.11		
20	64QAM	1	0	15.12	15.17	15.08		
20	64QAM	1	49	15.19	15.19	15.14	16.2	0
20	64QAM	1	99	15.08	15.12	15.08		
20	64QAM	50	0	15.15	15.17	15.03		
20	64QAM	50	24	15.12	15.12	15.06	16.2	0
20	64QAM	50	50	15.05	15.07	15.10		
20	64QAM	100	0	15.17	15.10	15.16		
20	256QAM	1	0	15.11	15.20	15.03		
20	256QAM	1	49	15.07	15.18	15.11	16.2	0
20	256QAM	1	99	15.19	15.15	15.17		
20	256QAM	50	0	15.08	15.18	15.15		
20	256QAM	50	24	15.08	15.10	15.16	16.2	0
20	256QAM	50	50	15.10	15.08	15.11		
20	256QAM	100	0	15.05	15.15	15.10		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.06	15.14	15.09		
15	QPSK	1	37	15.18	15.17	15.08	16.2	0
15	QPSK	1	74	15.11	15.06	15.09		
15	QPSK	36	0	15.16	15.13	15.12		
15	QPSK	36	20	15.09	15.13	15.17	16.2	0
15	QPSK	36	39	15.14	15.20	15.09		
15	QPSK	75	0	15.11	15.12	15.06		
15	16QAM	1	0	15.05	15.20	15.14		
15	16QAM	1	37	15.15	15.08	15.13	16.2	0
15	16QAM	1	74	15.14	15.18	15.05		
15	16QAM	36	0	15.11	15.12	15.05		
15	16QAM	36	20	15.16	15.06	15.11	16.2	0
15	16QAM	36	39	15.08	15.20	15.05		
15	16QAM	75	0	15.16	15.17	15.16		
15	64QAM	1	0	15.15	15.10	15.16		
15	64QAM	1	37	15.18	15.14	15.09	16.2	0
15	64QAM	1	74	15.10	15.17	15.14		
15	64QAM	36	0	15.06	15.06	15.16		
15	64QAM	36	20	15.11	15.08	15.17	16.2	0
15	64QAM	36	39	15.13	15.16	15.05		
15	64QAM	75	0	15.08	15.07	15.06		
15	256QAM	1	0	15.19	15.14	15.03		
15	256QAM	1	37	15.09	15.15	15.12	16.2	0
15	256QAM	1	74	15.12	15.17	15.11		
15	256QAM	36	0	15.14	15.14	15.13		
15	256QAM	36	20	15.17	15.12	15.06	16.2	0
15	256QAM	36	39	15.05	15.09	15.04		
15	256QAM	75	0	15.09	15.12	15.05		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.14	15.07	15.07		
10	QPSK	1	25	15.07	15.11	15.04	16.2	0
10	QPSK	1	49	15.19	15.18	15.14		
10	QPSK	25	0	15.12	15.15	15.05		
10	QPSK	25	12	15.10	15.09	15.12	16.2	0
10	QPSK	25	25	15.11	15.08	15.04		
10	QPSK	50	0	15.09	15.13	15.17		
10	16QAM	1	0	15.12	15.17	15.03		
10	16QAM	1	25	15.14	15.07	15.15	16.2	0
10	16QAM	1	49	15.13	15.11	15.11		
10	16QAM	25	0	15.11	15.14	15.09		
10	16QAM	25	12	15.11	15.10	15.07	16.2	0
10	16QAM	25	25	15.05	15.09	15.14		
10	16QAM	50	0	15.13	15.20	15.17		
10	64QAM	1	0	15.09	15.12	15.04		
10	64QAM	1	25	15.13	15.16	15.10	16.2	0
10	64QAM	1	49	15.18	15.08	15.05		
10	64QAM	25	0	15.09	15.16	15.05		
10	64QAM	25	12	15.15	15.17	15.11	16.2	0
10	64QAM	25	25	15.09	15.09	15.10		
10	64QAM	50	0	15.11	15.09	15.07		
10	256QAM	1	0	15.07	15.10	15.10		
10	256QAM	1	25	15.16	15.17	15.06	16.2	0
10	256QAM	1	49	15.16	15.08	15.15		
10	256QAM	25	0	15.09	15.11	15.14		
10	256QAM	25	12	15.17	15.10	15.13	16.2	0
10	256QAM	25	25	15.09	15.06	15.09		
10	256QAM	50	0	15.11	15.11	15.10		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.16	15.17	15.16		
5	QPSK	1	12	15.12	15.15	15.08	16.2	0
5	QPSK	1	24	15.17	15.10	15.14		
5	QPSK	12	0	15.10	15.08	15.07		
5	QPSK	12	7	15.12	15.15	15.10	16.2	0
5	QPSK	12	13	15.17	15.17	15.13		
5	QPSK	25	0	15.18	15.08	15.06		
5	16QAM	1	0	15.16	15.09	15.15		
5	16QAM	1	12	15.18	15.12	15.16	16.2	0
5	16QAM	1	24	15.13	15.12	15.11		
5	16QAM	12	0	15.09	15.12	15.13		
5	16QAM	12	7	15.17	15.09	15.16	16.2	0
5	16QAM	12	13	15.17	15.08	15.10		
5	16QAM	25	0	15.06	15.10	15.14		
5	64QAM	1	0	15.05	15.17	15.11		
5	64QAM	1	12	15.16	15.19	15.08	16.2	0
5	64QAM	1	24	15.17	15.12	15.03		
5	64QAM	12	0	15.14	15.11	15.06		
5	64QAM	12	7	15.18	15.12	15.15	16.2	0
5	64QAM	12	13	15.16	15.13	15.10		
5	64QAM	25	0	15.14	15.09	15.10		
5	256QAM	1	0	15.08	15.11	15.17		
5	256QAM	1	12	15.10	15.11	15.12	16.2	0
5	256QAM	1	24	15.09	15.12	15.06		
5	256QAM	12	0	15.18	15.09	15.13		
5	256QAM	12	7	15.18	15.15	15.08	16.2	0
5	256QAM	12	13	15.08	15.07	15.06		
5	256QAM	25	0	15.08	15.16	15.16		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.05	15.14	15.13		
3	QPSK	1	8	15.13	15.06	15.12	16.2	0
3	QPSK	1	14	15.16	15.07	15.12		
3	QPSK	8	0	15.10	15.18	15.04		
3	QPSK	8	4	15.12	15.18	15.06	16.2	0
3	QPSK	8	7	15.18	15.17	15.16		
3	QPSK	15	0	15.17	15.15	15.13		
3	16QAM	1	0	15.05	15.07	15.04		
3	16QAM	1	8	15.15	15.16	15.09	16.2	0
3	16QAM	1	14	15.14	15.17	15.06		
3	16QAM	8	0	15.13	15.13	15.12		
3	16QAM	8	4	15.14	15.16	15.08	16.2	0
3	16QAM	8	7	15.19	15.19	15.04		
3	16QAM	15	0	15.06	15.15	15.13		
3	64QAM	1	0	15.09	15.09	15.11		
3	64QAM	1	8	15.10	15.16	15.04	16.2	0
3	64QAM	1	14	15.05	15.16	15.07		
3	64QAM	8	0	15.05	15.16	15.03		
3	64QAM	8	4	15.12	15.09	15.10	16.2	0
3	64QAM	8	7	15.09	15.20	15.06		
3	64QAM	15	0	15.11	15.10	15.15		
3	256QAM	1	0	15.12	15.20	15.07		
3	256QAM	1	8	15.09	15.14	15.16	16.2	0
3	256QAM	1	14	15.06	15.13	15.17		
3	256QAM	8	0	15.16	15.07	15.10		
3	256QAM	8	4	15.14	15.20	15.06	16.2	0
3	256QAM	8	7	15.19	15.15	15.15		
3	256QAM	15	0	15.08	15.17	15.15		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.08	15.06	15.15		
1.4	QPSK	1	3	15.13	15.06	15.06		
1.4	QPSK	1	5	15.16	15.14	15.08	16.2	0
1.4	QPSK	3	0	15.12	15.11	15.13		
1.4	QPSK	3	1	15.15	15.12	15.13		
1.4	QPSK	3	3	15.07	15.13	15.08		
1.4	QPSK	6	0	15.11	15.19	15.10	16.2	0
1.4	16QAM	1	0	15.11	15.19	15.10		
1.4	16QAM	1	3	15.19	15.15	15.17		
1.4	16QAM	1	5	15.08	15.14	15.17	16.2	0
1.4	16QAM	3	0	15.07	15.08	15.11		
1.4	16QAM	3	1	15.05	15.14	15.05		
1.4	16QAM	3	3	15.16	15.15	15.13		
1.4	16QAM	6	0	15.10	15.11	15.17	16.2	0
1.4	64QAM	1	0	15.07	15.18	15.08		
1.4	64QAM	1	3	15.13	15.20	15.03		
1.4	64QAM	1	5	15.11	15.10	15.17	16.2	0
1.4	64QAM	3	0	15.06	15.11	15.16		
1.4	64QAM	3	1	15.08	15.11	15.08		
1.4	64QAM	3	3	15.19	15.11	15.17		
1.4	64QAM	6	0	15.09	15.12	15.04	16.2	0
1.4	256QAM	1	0	15.06	15.17	15.14		
1.4	256QAM	1	3	15.05	15.11	15.15		
1.4	256QAM	1	5	15.17	15.10	15.07	16.2	0
1.4	256QAM	3	0	15.05	15.17	15.11		
1.4	256QAM	3	1	15.17	15.12	15.04		
1.4	256QAM	3	3	15.10	15.19	15.05		
1.4	256QAM	6	0	15.18	15.11	15.07	16.2	0

Band 4_Ant 31

BW [MHz]	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	23.67	23.73	23.71		
20	QPSK	1	49	23.57	23.65	23.69	24.9	0
20	QPSK	1	99	23.49	23.54	23.64		
20	QPSK	50	0	22.68	22.71	22.70		
20	QPSK	50	24	22.60	22.68	22.68	23.9	1
20	QPSK	50	50	22.56	22.64	22.67		
20	QPSK	100	0	22.64	22.68	22.65		
20	16QAM	1	0	22.74	23.22	22.78		
20	16QAM	1	49	23.07	23.20	23.16	23.9	1
20	16QAM	1	99	23.08	22.76	22.99		
20	16QAM	50	0	21.48	21.64	21.70		
20	16QAM	50	24	21.60	21.66	21.72	22.9	2
20	16QAM	50	50	21.57	21.65	21.64		
20	16QAM	100	0	21.52	21.65	21.59		
20	64QAM	1	0	21.61	21.96	21.78		
20	64QAM	1	49	21.60	22.00	21.55	22.9	2
20	64QAM	1	99	21.54	21.83	21.38		
20	64QAM	50	0	20.61	20.70	20.67		
20	64QAM	50	24	20.62	20.68	20.66	21.9	3
20	64QAM	50	50	20.58	20.61	20.60		
20	64QAM	100	0	20.57	20.61	20.64		
20	256QAM	1	0	18.75	18.76	18.73		
20	256QAM	1	49	18.66	18.61	18.67	19.9	5
20	256QAM	1	99	18.66	18.73	18.72		
20	256QAM	50	0	18.64	18.68	18.59		
20	256QAM	50	24	18.67	18.66	18.67	19.9	5
20	256QAM	50	50	18.70	18.75	18.64		
20	256QAM	100	0	18.69	18.73	18.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.64	23.67	23.60		
15	QPSK	1	37	23.54	23.64	23.55	24.9	0
15	QPSK	1	74	23.48	23.49	23.57		
15	QPSK	36	0	22.61	22.62	22.63		
15	QPSK	36	20	22.62	22.63	22.64	23.9	1
15	QPSK	36	39	22.42	22.49	22.59		
15	QPSK	75	0	22.56	22.65	22.51		
15	16QAM	1	0	22.69	23.11	22.64		
15	16QAM	1	37	22.94	23.19	23.07	23.9	1
15	16QAM	1	74	23.07	22.69	22.91		
15	16QAM	36	0	21.44	21.57	21.60		
15	16QAM	36	20	21.51	21.55	21.59	22.9	2
15	16QAM	36	39	21.56	21.61	21.51		
15	16QAM	75	0	21.37	21.61	21.51		
15	64QAM	1	0	21.58	21.91	21.72		
15	64QAM	1	37	21.50	21.85	21.52	22.9	2
15	64QAM	1	74	21.60	21.78	21.33		
15	64QAM	36	0	20.58	20.64	20.61		
15	64QAM	36	20	20.54	20.56	20.53	21.9	3
15	64QAM	36	39	20.52	20.47	20.46		
15	64QAM	75	0	20.56	20.53	20.61		
15	256QAM	1	0	18.63	18.69	18.64		
15	256QAM	1	37	18.51	18.54	18.58	19.9	5
15	256QAM	1	74	18.56	18.63	18.68		
15	256QAM	36	0	18.55	18.53	18.58		
15	256QAM	36	20	18.63	18.51	18.56	19.9	5
15	256QAM	36	39	18.57	18.65	18.54		
15	256QAM	75	0	18.55	18.69	18.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.53	23.58	23.56		
10	QPSK	1	25	23.51	23.51	23.66	24.9	0
10	QPSK	1	49	23.34	23.46	23.54		
10	QPSK	25	0	22.62	22.57	22.64		
10	QPSK	25	12	22.49	22.64	22.66	23.9	1
10	QPSK	25	25	22.54	22.61	22.64		
10	QPSK	50	0	22.60	22.59	22.52		
10	16QAM	1	0	22.61	23.08	22.71		
10	16QAM	1	25	22.99	23.05	23.10	23.9	1
10	16QAM	1	49	23.07	22.69	22.92		
10	16QAM	25	0	21.40	21.59	21.67		
10	16QAM	25	12	21.48	21.54	21.63	22.9	2
10	16QAM	25	25	21.48	21.64	21.58		
10	16QAM	50	0	21.42	21.58	21.53		
10	64QAM	1	0	21.54	21.95	21.73		
10	64QAM	1	25	21.46	21.89	21.43	22.9	2
10	64QAM	1	49	21.44	21.82	21.23		
10	64QAM	25	0	20.56	20.55	20.52		
10	64QAM	25	12	20.51	20.62	20.56	21.9	3
10	64QAM	25	25	20.45	20.53	20.54		
10	64QAM	50	0	20.48	20.52	20.58		
10	256QAM	1	0	18.72	18.65	18.58		
10	256QAM	1	25	18.56	18.49	18.58	19.9	5
10	256QAM	1	49	18.51	18.63	18.64		
10	256QAM	25	0	18.59	18.61	18.57		
10	256QAM	25	12	18.57	18.65	18.64	19.9	5
10	256QAM	25	25	18.60	18.71	18.49		
10	256QAM	50	0	18.62	18.67	18.58		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.62	23.64	23.70		
5	QPSK	1	12	23.51	23.54	23.61	24.9	0
5	QPSK	1	24	23.40	23.46	23.54		
5	QPSK	12	0	22.64	22.68	22.69		
5	QPSK	12	7	22.62	22.58	22.62	23.9	1
5	QPSK	12	13	22.53	22.54	22.63		
5	QPSK	25	0	22.55	22.66	22.60		
5	16QAM	1	0	22.73	23.15	22.69		
5	16QAM	1	12	23.05	23.12	23.01	23.9	1
5	16QAM	1	24	23.02	22.68	22.86		
5	16QAM	12	0	21.41	21.60	21.57		
5	16QAM	12	7	21.56	21.58	21.67	22.9	2
5	16QAM	12	13	21.54	21.55	21.61		
5	16QAM	25	0	21.39	21.51	21.49		
5	64QAM	1	0	21.56	21.87	21.65		
5	64QAM	1	12	21.53	21.70	21.43	22.9	2
5	64QAM	1	24	21.39	21.70	21.28		
5	64QAM	12	0	20.54	20.68	20.65		
5	64QAM	12	7	20.52	20.60	20.54	21.9	3
5	64QAM	12	13	20.52	20.59	20.45		
5	64QAM	25	0	20.42	20.58	20.51		
5	256QAM	1	0	18.66	18.65	18.68		
5	256QAM	1	12	18.51	18.52	18.58	19.9	5
5	256QAM	1	24	18.62	18.72	18.57		
5	256QAM	12	0	18.63	18.54	18.54		
5	256QAM	12	7	18.64	18.65	18.55	19.9	5
5	256QAM	12	13	18.57	18.67	18.57		
5	256QAM	25	0	18.62	18.68	18.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.63	23.60	23.62		
3	QPSK	1	8	23.45	23.59	23.54	24.9	0
3	QPSK	1	14	23.36	23.45	23.49		
3	QPSK	8	0	22.67	22.66	22.66		
3	QPSK	8	4	22.52	22.58	22.60	23.9	1
3	QPSK	8	7	22.50	22.59	22.61		
3	QPSK	15	0	22.59	22.58	22.53		
3	16QAM	1	0	22.66	23.12	22.67		
3	16QAM	1	8	22.99	23.19	23.03	23.9	1
3	16QAM	1	14	22.99	22.67	22.86		
3	16QAM	8	0	21.36	21.56	21.54		
3	16QAM	8	4	21.55	21.63	21.58	22.9	2
3	16QAM	8	7	21.50	21.51	21.54		
3	16QAM	15	0	21.44	21.60	21.49		
3	64QAM	1	0	21.47	21.88	21.66		
3	64QAM	1	8	21.59	21.93	21.45	22.9	2
3	64QAM	1	14	21.40	21.81	21.29		
3	64QAM	8	0	20.49	20.56	20.55		
3	64QAM	8	4	20.49	20.65	20.62	21.9	3
3	64QAM	8	7	20.47	20.51	20.46		
3	64QAM	15	0	20.53	20.60	20.54		
3	256QAM	1	0	18.61	18.66	18.60		
3	256QAM	1	8	18.61	18.49	18.54	19.9	5
3	256QAM	1	14	18.60	18.60	18.67		
3	256QAM	8	0	18.59	18.58	18.58		
3	256QAM	8	4	18.66	18.57	18.54	19.9	5
3	256QAM	8	7	18.67	18.70	18.53		
3	256QAM	15	0	18.61	18.64	18.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.62	23.72	23.56		
1.4	QPSK	1	3	23.46	23.52	23.52		
1.4	QPSK	1	5	23.43	23.39	23.58	24.9	0
1.4	QPSK	3	0	23.57	23.68	23.60		
1.4	QPSK	3	1	23.48	23.61	23.56		
1.4	QPSK	3	3	23.41	23.49	23.49		
1.4	QPSK	6	0	22.57	22.70	22.56	23.9	1
1.4	16QAM	1	0	22.50	22.58	22.58		
1.4	16QAM	1	3	22.55	22.58	22.64	23.9	1
1.4	16QAM	1	5	22.56	22.57	22.61		
1.4	16QAM	3	0	22.73	23.18	22.73		
1.4	16QAM	3	1	23.01	23.08	23.14		
1.4	16QAM	3	3	23.06	22.71	22.86		
1.4	16QAM	6	0	21.36	21.54	21.63	22.9	2
1.4	64QAM	1	0	21.57	21.60	21.65		
1.4	64QAM	1	3	21.48	21.54	21.57		
1.4	64QAM	1	5	21.38	21.64	21.57	22.9	2
1.4	64QAM	3	0	21.55	21.90	21.76		
1.4	64QAM	3	1	21.48	21.91	21.54		
1.4	64QAM	3	3	21.41	21.68	21.35		
1.4	64QAM	6	0	20.59	20.65	20.65	21.9	3
1.4	256QAM	1	0	18.61	18.70	18.71		
1.4	256QAM	1	3	18.59	18.56	18.54		
1.4	256QAM	1	5	18.64	18.64	18.65	19.9	5
1.4	256QAM	3	0	18.53	18.59	18.57		
1.4	256QAM	3	1	18.57	18.52	18.64		
1.4	256QAM	3	3	18.68	18.63	18.49		
1.4	256QAM	6	0	18.57	18.63	18.66	19.9	5

Band 4_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.30	18.31	18.28		
20	QPSK	1	49	18.18	18.24	18.10	19.4	0
20	QPSK	1	99	18.13	18.21	18.14		
20	QPSK	50	0	18.27	18.28	18.25		
20	QPSK	50	24	18.18	18.17	18.09	19.4	0
20	QPSK	50	50	18.14	18.22	18.20		
20	QPSK	100	0	18.25	18.26	18.23		
20	16QAM	1	0	18.10	18.23	18.08		
20	16QAM	1	49

Band 5_Ant 31

BW [MHz]	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	24.11	24.12	24.05	25.3	0
10	QPSK	1	25	23.67	23.98	23.93		
10	QPSK	1	49	23.91	23.77	23.82		
10	QPSK	25	0	23.06	23.10	22.84	24.3	1
10	QPSK	25	12	22.89	22.88	22.82		
10	QPSK	25	25	22.87	22.85	22.82		
10	QPSK	50	0	22.91	23.08	22.82		
10	16QAM	1	0	22.68	23.41	22.99	24.3	1
10	16QAM	1	25	23.14	23.22	22.77		
10	16QAM	1	49	23.14	22.82	23.31		
10	16QAM	25	0	21.90	21.79	21.80	23.3	2
10	16QAM	25	12	21.91	21.82	21.84		
10	16QAM	25	25	21.82	21.94	21.75		
10	16QAM	50	0	21.82	21.82	21.89		
10	64QAM	1	0	22.13	22.16	21.91	23.3	2
10	64QAM	1	25	22.05	21.68	21.94		
10	64QAM	1	49	22.14	21.95	22.16		
10	64QAM	25	0	20.86	20.87	20.84	22.3	3
10	64QAM	25	12	20.84	20.91	20.81		
10	64QAM	25	25	20.84	20.85	20.78		
10	64QAM	50	0	20.84	20.83	20.77		
10	256QAM	1	0	18.89	18.90	18.86	20.3	5
10	256QAM	1	25	18.87	18.84	18.83		
10	256QAM	1	49	18.88	18.76	18.73		
10	256QAM	25	0	18.80	18.82	18.76	20.3	5
10	256QAM	25	12	18.76	18.83	18.83		
10	256QAM	25	25	18.82	18.81	18.71		
10	256QAM	50	0	18.86	18.85	18.73		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.09	24.08	24.00	25.3	0
5	QPSK	1	12	23.54	23.83	23.86		
5	QPSK	1	24	23.81	23.66	23.80		
5	QPSK	12	0	23.00	23.05	22.72	24.3	1
5	QPSK	12	7	22.83	22.86	22.70		
5	QPSK	12	13	22.78	22.84	22.72		
5	QPSK	25	0	22.88	22.93	22.72		
5	16QAM	1	0	22.60	23.27	22.89	24.3	1
5	16QAM	1	12	23.00	23.14	22.76		
5	16QAM	1	24	23.04	22.78	23.17		
5	16QAM	12	0	21.84	21.78	21.75	23.3	2
5	16QAM	12	7	21.78	21.77	21.82		
5	16QAM	12	13	21.78	21.79	21.64		
5	16QAM	25	0	21.69	21.76	21.84		
5	64QAM	1	0	22.08	22.09	21.80	23.3	2
5	64QAM	1	12	21.98	21.60	21.80		
5	64QAM	1	24	22.01	21.84	22.14		
5	64QAM	12	0	20.80	20.83	20.80	22.3	3
5	64QAM	12	7	20.77	20.88	20.77		
5	64QAM	12	13	20.69	20.78	20.70		
5	64QAM	25	0	20.73	20.70	20.74		
5	256QAM	1	0	18.82	18.85	18.73	20.3	5
5	256QAM	1	12	18.75	18.80	18.82		
5	256QAM	1	24	18.78	18.66	18.59		
5	256QAM	12	0	18.79	18.81	18.75	20.3	5
5	256QAM	12	7	18.74	18.68	18.74		
5	256QAM	12	13	18.69	18.77	18.68		
5	256QAM	25	0	18.78	18.78	18.67		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.06	24.11	24.02	25.3	0
3	QPSK	1	8	23.64	23.87	23.78		
3	QPSK	1	14	23.88	23.76	23.68		
3	QPSK	8	0	22.99	23.01	22.69	24.3	1
3	QPSK	8	4	22.80	22.82	22.77		
3	QPSK	8	7	22.86	22.84	22.78		
3	QPSK	15	0	22.76	22.95	22.79		
3	16QAM	1	0	22.67	23.31	22.94	24.3	1
3	16QAM	1	8	23.01	23.07	22.73		
3	16QAM	1	14	22.99	22.72	23.28		
3	16QAM	8	0	21.76	21.70	21.70	23.3	2
3	16QAM	8	4	21.77	21.67	21.78		
3	16QAM	8	7	21.75	21.91	21.73		
3	16QAM	15	0	21.81	21.75	21.83		
3	64QAM	1	0	22.04	22.08	21.90	23.3	2
3	64QAM	1	8	21.99	21.55	21.84		
3	64QAM	1	14	22.05	21.86	22.02		
3	64QAM	8	0	20.76	20.75	20.69	22.3	3
3	64QAM	8	4	20.81	20.84	20.76		
3	64QAM	8	7	20.83	20.74	20.77		
3	64QAM	15	0	20.72	20.81	20.68		
3	256QAM	1	0	18.85	18.76	18.80	20.3	5
3	256QAM	1	8	18.79	18.79	18.75		
3	256QAM	1	14	18.76	18.73	18.59		
3	256QAM	8	0	18.68	18.79	18.71	20.3	5
3	256QAM	8	4	18.68	18.72	18.73		
3	256QAM	8	7	18.72	18.77	18.60		
3	256QAM	15	0	18.81	18.73	18.62		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.09	24.03	23.90	25.3	0
1.4	QPSK	1	3	23.55	23.85	23.89		
1.4	QPSK	1	5	23.85	23.68	23.73		
1.4	QPSK	3	0	24.00	24.03	23.91		
1.4	QPSK	3	1	23.62	23.94	23.83		
1.4	QPSK	3	3	23.85	23.74	23.79		
1.4	QPSK	6	0	22.98	23.02	22.80	24.3	1
1.4	16QAM	1	0	22.77	22.73	22.80	24.3	1
1.4	16QAM	1	3	22.79	22.79	22.72		
1.4	16QAM	1	5	22.88	22.96	22.69		
1.4	16QAM	3	0	22.96	23.28	22.87		
1.4	16QAM	3	1	23.04	23.11	22.72		
1.4	16QAM	3	3	23.00	22.78	23.26		
1.4	16QAM	6	0	21.75	21.65	21.70	23.3	2
1.4	64QAM	1	0	21.89	21.67	21.78	23.3	2
1.4	64QAM	1	3	21.67	21.84	21.62		
1.4	64QAM	1	5	21.71	21.73	21.86		
1.4	64QAM	3	0	21.99	22.05	21.88		
1.4	64QAM	3	1	22.03	21.60	21.82		
1.4	64QAM	3	3	22.01	21.85	22.06		
1.4	64QAM	6	0	20.72	20.76	20.74	22.3	3
1.4	256QAM	1	0	18.78	18.82	18.74	20.3	5
1.4	256QAM	1	3	18.83	18.73	18.70		
1.4	256QAM	1	5	18.80	18.64	18.61		
1.4	256QAM	3	0	18.65	18.70	18.70		
1.4	256QAM	3	1	18.61	18.82	18.82		
1.4	256QAM	3	3	18.75	18.68	18.59		
1.4	256QAM	6	0	18.84	18.76	18.60	20.3	5

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.28	14.30	14.27	15.2	0
20	QPSK	1	49	14.17	14.16	14.17		
20	QPSK	1	99	14.15	14.17	14.17		
20	QPSK	50	0	14.26	14.28	14.25	15.2	0
20	QPSK	50	24	14.10	14.23	14.07		
20	QPSK	50	50	14.13	14.15	14.15		
20	QPSK	100	0	14.23	14.26	14.21		
20	16QAM	1	0	14.14	14.18	14.06	15.2	0
20	16QAM	1	49	14.19	14.12	14.11		
20	16QAM	1	99	14.16	14.20	14.10		
20	16QAM	50	0	14.12	14.19	14.15	15.2	0
20	16QAM	50	24	14.20	14.16	14.12		
20	16QAM	50	50	14.17	14.20	14.06		
20	16QAM	100	0	14.09	14.21	14.20		
20	64QAM	1	0	14.19	14.17	14.15	15.2	0
20	64QAM	1	49	14.18	14.22	14.20		
20	64QAM	1	99	14.14	14.14	14.13		
20	64QAM	50	0	14.18	14.22	14.07	15.2	0
20	64QAM	50	24	14.15	14.19	14.09		
20	64QAM	50	50	14.10	14.25	14.16		
20	64QAM	100	0	14.15	14.14	14.19		
20	256QAM	1	0	14.12	14.14	14.15	15.2	0
20	256QAM	1	49	14.21	14.19	14.09		
20	256QAM	1	99	14.08	14.19	14.14		
20	256QAM	50	0	14.13	14.19	14.13	15.2	0
20	256QAM	50	24	14.10	14.21	14.20		
20	256QAM	50	50	14.21	14.22	14.11		
20	256QAM	100	0	14.16	14.25	14.06		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.16	14.14	14.10	15.2	0
15	QPSK	1	37	14.11	14.20	14.07		
15	QPSK	1	74	14.20	14.15	14.12		
15	QPSK	36	0	14.22	14.12	14.12	15.2	0
15	QPSK	36	20	14.19	14.22	14.08		
15	QPSK	36	39	14.14	14.13	14.17		
15	QPSK	75	0	14.10	14.20	14.15	15.2	0
15	16QAM	1	0	14.18	14.21	14.15		
15	16QAM	1	37	14.09	14.20	14.13		
15	16QAM	1	74	14.09	14.24	14.13		
15	16QAM	36	0	14.18	14.13	14.09	15.2	0
15	16QAM	36	20	14.18	14.13	14.09		
15	16QAM	36	39	14.13	14.14	14.14		
15	16QAM	75	0	14.17	14.25	14.09		
15	64QAM	1	0	14.08	14.14	14.12	15.2	0
15	64QAM	1	37	14.22	14.15	14.12		
15	64QAM	1	74	14.19	14.16	14.08		
15	64QAM	36	0	14.13	14.24	14.17	15.2	0
15	64QAM	36	20	14.08	14.19	14.19		
15	64QAM	36	39	14.14	14.25	14.20		
15	64QAM	75	0	14.17	14.19	14.20		
15	256QAM	1	0	14.21	14.15	14.13	15.2	0
15	256QAM	1	37	14.09	14.23	14.20		
15	256QAM	1	74	14.14	14.11	14.16		
15	256QAM	36	0	14.18	14.13	14.15	15.2	0
15	256QAM	36	20	14.09	14.13	14.06		
15	256QAM	36	39	14.19	14.14	14.20		
15	256QAM	75	0	14.16	14.13	14.16		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.18	14.17	14.08	15.2	0
10	QPSK	1	25	14.19	14.24	14.06		
10	QPSK	1	49	14.08	14.22	14.13		
10	QPSK	25	0	14.13	14.21	14.10	15.2	0
10	QPSK	25	12	14.19	14.21	14.16		
10	QPSK	25	25	14.09	14.15	14.07		
10	QPSK	50	0	14.10	14.13	14.16		
10	16QAM	1	0	14.14	14.14	14.10	15.2	0
10	16QAM	1	25	14.11	14.17	14.10		
10	16QAM	1	49	14.11	14.18	14.14		
10	16QAM	25	0	14.12	14.23	14.18	15.2	0
10	16QAM	25	12	14.08	14.15	14.07		
10	16QAM	25	25	14.22	14.25	14.13		
10	16QAM	50	0	14.21	14.12	14.07		
10	64QAM	1	0	14.10	14.24	14.12	15.2	0
10	64QAM	1	25	14.15	14.22	14.10		
10	64QAM	1	49	14.13	14.21	14.18		
10	64QAM	25	0	14.08	14.22	14.07	15.2	0
10	64QAM	25	12	14.20	14.16	14.12		
10	64QAM	25	25	14.12	14.13	14.12		
10	64QAM	50	0	14.21	14.16	14.11		
10	256QAM	1	0	14.11	14.19	14.11	15.2	0
10	256QAM	1	25	14.09	14.24	14.18		
10	256QAM	1	49	14.10	14.24	14.08		
10	256QAM	25	0	14.14	14.14	14.16	15.2	0
10	256QAM	25	12	14.21	14.24	14.06		
10	256QAM	25	25	14.19	14.21	14.18		
10	256QAM	50	0	14.19	14.13	14.06		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.22	14.23	14.07	15.2	0
5	QPSK	1	12	14.13	14.15	14.10		
5	QPSK	1	24	14.18	14.14	14.07		
5	QPSK	12	0	14.17	14.20	14.20	15.2	0
5	QPSK	12	7	14.13	14.25	14.19		
5	QPSK	12	13	14.22	14.13	14.10		
5	QPSK	25	0	14.17	14.22	14.11		
5	16QAM	1	0	14.20	14.13	14.15	15.2	0
5	16QAM	1	12	14.10	14.23	14.10		
5	16QAM	1	24	14.11	14.16	14.20		
5	16QAM	12	0	14.17	14.24	14.07	15.2	0
5	16QAM	12	7	14.21	14.21	14.10		
5	16QAM	12	13	14.11	14.12	14.15		
5	16QAM	25	0	14.12	14.17	14.16		
5	64QAM	1	0	14.09	14.19	14.14	15.2	0
5	64QAM	1	12	14.14	14.16	14.19		
5	64QAM	1	24	14.13	14.21	14.20		
5	64QAM	12	0	14.11	14.13	14.09	15.2	0
5	64QAM	12	7	14.08	14.24	14.08		
5	64QAM	12	13	14.17	14.11	14.14		
5	64QAM	25	0	14.14	14.11	14.12		
5	256QAM	1	0	14.14	14.25	14.08	15.2	0
5	256QAM	1	12	14.13	14.12	14.10		
5	256QAM	1	24	14.13	14.16	14.08		
5	256QAM	12	0	14.10	14.21	14.08	15.2	0
5	256QAM	12	7	14.15	14.19	14.12		
5	256QAM	12	13	14.17	14.19	14.06		
5	256QAM	25	0	14.08	14.11	14.13		

Band 7_Ant 31

BW [MHz]	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	23.28	23.40	23.32	24.4	0
20	QPSK	1	49	23.24	23.31	23.20		
20	QPSK	1	99	23.23	23.37	23.28		
20	QPSK	50	0	22.26	22.40	22.35	23.4	1
20	QPSK	50	24	22.19	22.33	22.25		
20	QPSK	50	50	22.23	22.35	22.28		
20	QPSK	100	0	22.23	22.38	22.33		
20	16QAM	1	0	22.55	22.17	22.03	23.4	1
20	16QAM	1	49	22.68	22.78	22.15		
20	16QAM	1	99	22.60	22.46	22.38		
20	16QAM	50	0	21.17	21.32	21.20	22.4	2
20	16QAM	50	24	21.19	21.37	21.20		
20	16QAM	50	50	21.26	21.35	21.29		
20	16QAM	100	0	21.16	21.29	21.21		
20	64QAM	1	0	21.28	21.27	21.35	22.4	2
20	64QAM	1	49	21.11	21.44	21.24		
20	64QAM	1	99	21.24	21.30	21.24		
20	64QAM	50	0	20.21	20.30	20.11	21.4	3
20	64QAM	50	24	20.20	20.33	20.31		
20	64QAM	50	50	20.22	20.30	20.24		
20	64QAM	100	0	20.11	20.23	20.22		
20	256QAM	1	0	18.35	18.38	18.33	19.4	5
20	256QAM	1	49	18.24	18.34	18.19		
20	256QAM	1	99	18.31	18.28	18.18		
20	256QAM	50	0	18.23	18.36	18.30	19.4	5
20	256QAM	50	24	18.26	18.28	18.19		
20	256QAM	50	50	18.34	18.25	18.20		
20	256QAM	100	0	18.27	18.29	18.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.23	23.28	23.19	24.4	0
15	QPSK	1	37	23.19	23.22	23.06		
15	QPSK	1	74	23.11	23.34	23.16		
15	QPSK	36	0	22.11	22.36	22.22	23.4	1
15	QPSK	36	20	22.15	22.21	22.16		
15	QPSK	36	39	22.10	22.20	22.19		
15	QPSK	75	0	22.16	22.27	22.18		
15	16QAM	1	0	22.46	22.16	21.92	23.4	1
15	16QAM	1	37	22.58	22.75	22.12		
15	16QAM	1	74	22.59	22.39	22.34		
15	16QAM	36	0	21.12	21.25	21.12	22.4	2
15	16QAM	36	20	21.12	21.27	21.09		
15	16QAM	36	39	21.24	21.26	21.23		
15	16QAM	75	0	21.05	21.18	21.18		
15	64QAM	1	0	21.16	21.19	21.29	22.4	2
15	64QAM	1	37	21.09	21.40	21.16		
15	64QAM	1	74	21.09	21.17	21.19		
15	64QAM	36	0	20.14	20.15	20.03	21.4	3
15	64QAM	36	20	20.09	20.31	20.30		
15	64QAM	36	39	20.13	20.23	20.13		
15	64QAM	75	0	20.00	20.10	20.12		
15	256QAM	1	0	18.28	18.37	18.28	19.4	5
15	256QAM	1	37	18.10	18.29	18.14		
15	256QAM	1	74	18.24	18.16	18.03		
15	256QAM	36	0	18.20	18.32	18.18	19.4	5
15	256QAM	36	20	18.23	18.24	18.11		
15	256QAM	36	39	18.21	18.24	18.10		
15	256QAM	75	0	18.20	18.19	18.10		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.24	23.28	23.29	24.4	0
10	QPSK	1	25	23.22	23.20	23.18		
10	QPSK	1	49	23.16	23.34	23.20		
10	QPSK	25	0	22.21	22.37	22.21	23.4	1
10	QPSK	25	12	22.06	22.21	22.18		
10	QPSK	25	25	22.14	22.34	22.27		
10	QPSK	50	0	22.18	22.31	22.24		
10	16QAM	1	0	22.40	22.03	22.00	23.4	1
10	16QAM	1	25	22.67	22.74	22.02		
10	16QAM	1	49	22.46	22.41	22.30		
10	16QAM	25	0	21.08	21.20	21.09	22.4	2
10	16QAM	25	12	21.07	21.23	21.19		
10	16QAM	25	25	21.22	21.31	21.24		
10	16QAM	50	0	21.04	21.19	21.09		
10	64QAM	1	0	21.14	21.18	21.29	22.4	2
10	64QAM	1	25	21.00	21.34	21.12		
10	64QAM	1	49	21.20	21.23	21.20		
10	64QAM	25	0	20.18	20.17	20.03	21.4	3
10	64QAM	25	12	20.09	20.29	20.21		
10	64QAM	25	25	20.13	20.26	20.22		
10	64QAM	50	0	20.02	20.20	20.15		
10	256QAM	1	0	18.27	18.37	18.25	19.4	5
10	256QAM	1	25	18.10	18.29	18.04		
10	256QAM	1	49	18.17	18.27	18.08		
10	256QAM	25	0	18.15	18.26	18.26	19.4	5
10	256QAM	25	12	18.24	18.17	18.06		
10	256QAM	25	25	18.25	18.15	18.13		
10	256QAM	50	0	18.12	18.17	18.17		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.21	23.25	23.20	24.4	0
5	QPSK	1	12	23.19	23.24	23.15		
5	QPSK	1	24	23.17	23.35	23.27		
5	QPSK	12	0	22.11	22.39	22.29	23.4	1
5	QPSK	12	7	22.13	22.24	22.11		
5	QPSK	12	13	22.09	22.32	22.27		
5	QPSK	25	0	22.14	22.36	22.25		
5	16QAM	1	0	22.52	22.09	22.01	23.4	1
5	16QAM	1	12	22.67	22.75	22.10		
5	16QAM	1	24	22.47	22.40	22.34		
5	16QAM	12	0	21.16	21.21	21.12	22.4	2
5	16QAM	12	7	21.10	21.28	21.14		
5	16QAM	12	13	21.24	21.32	21.15		
5	16QAM	25	0	21.12	21.20	21.11		
5	64QAM	1	0	21.13	21.16	21.22	22.4	2
5	64QAM	1	12	20.97	21.42	21.18		
5	64QAM	1	24	21.13	21.15	21.18		
5	64QAM	12	0	20.08	20.25	20.09	21.4	3
5	64QAM	12	7	20.14	20.19	20.17		
5	64QAM	12	13	20.07	20.15	20.10		
5	64QAM	25	0	20.10	20.14	20.07		
5	256QAM	1	0	18.20	18.33	18.22	19.4	5
5	256QAM	1	12	18.22	18.26	18.12		
5	256QAM	1	24	18.16	18.24	18.08		
5	256QAM	12	0	18.16	18.29	18.21	19.4	5
5	256QAM	12	7	18.12	18.21	18.09		
5	256QAM	12	13	18.24	18.20	18.15		
5	256QAM	25	0	18.22	18.23	18.12		

Band 7_Ant 11

BW [MHz]	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	15.86	15.88	15.85		
20	QPSK	1	49	15.72	15.80	15.75	16.9	0
20	QPSK	1	99	15.79	15.73	15.72		
20	QPSK	50	0	15.83	15.86	15.81		
20	QPSK	50	24	15.81	15.79	15.74	16.9	0
20	QPSK	50	50	15.77	15.84	15.80		
20	QPSK	100	0	15.83	15.85	15.81		
20	16QAM	1	0	15.82	15.72	15.72		
20	16QAM	1	49	15.78	15.71	15.77	16.9	0
20	16QAM	1	99	15.75	15.84	15.77		
20	16QAM	50	0	15.75	15.75	15.70		
20	16QAM	50	24	15.75	15.82	15.67	16.9	0
20	16QAM	50	50	15.79	15.82	15.77		
20	16QAM	100	0	15.69	15.76	15.67		
20	64QAM	1	0	15.82	15.77	15.70		
20	64QAM	1	49	15.69	15.73	15.72	16.9	0
20	64QAM	1	99	15.79	15.73	15.77		
20	64QAM	50	0	15.80	15.84	15.70		
20	64QAM	50	24	15.74	15.82	15.74	16.9	0
20	64QAM	50	50	15.82	15.84	15.73		
20	64QAM	100	0	15.71	15.78	15.75		
20	256QAM	1	0	15.68	15.80	15.76		
20	256QAM	1	49	15.77	15.75	15.67	16.9	0
20	256QAM	1	99	15.76	15.71	15.74		
20	256QAM	50	0	15.69	15.72	15.73		
20	256QAM	50	24	15.73	15.78	15.79	16.9	0
20	256QAM	50	50	15.75	15.77	15.72		
20	256QAM	100	0	15.77	15.70	15.71		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.78	15.82	15.79		
15	QPSK	1	37	15.69	15.76	15.78	16.9	0
15	QPSK	1	74	15.82	15.73	15.77		
15	QPSK	36	0	15.77	15.70	15.73		
15	QPSK	36	20	15.81	15.73	15.80	16.9	0
15	QPSK	36	39	15.77	15.70	15.73		
15	QPSK	75	0	15.79	15.82	15.75		
15	16QAM	1	0	15.73	15.70	15.71		
15	16QAM	1	37	15.68	15.81	15.78	16.9	0
15	16QAM	1	74	15.72	15.83	15.75		
15	16QAM	36	0	15.73	15.77	15.66		
15	16QAM	36	20	15.77	15.73	15.79	16.9	0
15	16QAM	36	39	15.79	15.84	15.71		
15	16QAM	75	0	15.74	15.78	15.75		
15	64QAM	1	0	15.75	15.84	15.79		
15	64QAM	1	37	15.78	15.72	15.80	16.9	0
15	64QAM	1	74	15.82	15.80	15.68		
15	64QAM	36	0	15.69	15.84	15.73		
15	64QAM	36	20	15.73	15.76	15.79	16.9	0
15	64QAM	36	39	15.80	15.76	15.80		
15	64QAM	75	0	15.71	15.83	15.73		
15	256QAM	1	0	15.72	15.76	15.71		
15	256QAM	1	37	15.78	15.82	15.72	16.9	0
15	256QAM	1	74	15.74	15.71	15.79		
15	256QAM	36	0	15.72	15.83	15.74		
15	256QAM	36	20	15.74	15.72	15.76	16.9	0
15	256QAM	36	39	15.79	15.75	15.72		
15	256QAM	75	0	15.75	15.71	15.73		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.75	15.71	15.69		
10	QPSK	1	25	15.78	15.73	15.71	16.9	0
10	QPSK	1	49	15.76	15.71	15.76		
10	QPSK	25	0	15.73	15.70	15.78		
10	QPSK	25	12	15.74	15.80	15.74	16.9	0
10	QPSK	25	25	15.74	15.80	15.69		
10	QPSK	50	0	15.79	15.82	15.74		
10	16QAM	1	0	15.81	15.72	15.74		
10	16QAM	1	25	15.72	15.73	15.69	16.9	0
10	16QAM	1	49	15.72	15.82	15.72		
10	16QAM	25	0	15.75	15.78	15.76		
10	16QAM	25	12	15.80	15.84	15.79	16.9	0
10	16QAM	25	25	15.79	15.79	15.66		
10	16QAM	50	0	15.70	15.70	15.73		
10	64QAM	1	0	15.68	15.74	15.68		
10	64QAM	1	25	15.70	15.72	15.70	16.9	0
10	64QAM	1	49	15.76	15.80	15.73		
10	64QAM	25	0	15.82	15.72	15.78		
10	64QAM	25	12	15.80	15.75	15.73	16.9	0
10	64QAM	25	25	15.78	15.77	15.67		
10	64QAM	50	0	15.71	15.74	15.67		
10	256QAM	1	0	15.78	15.83	15.78		
10	256QAM	1	25	15.71	15.79	15.78	16.9	0
10	256QAM	1	49	15.75	15.82	15.74		
10	256QAM	25	0	15.79	15.70	15.78		
10	256QAM	25	12	15.70	15.70	15.79	16.9	0
10	256QAM	25	25	15.75	15.84	15.72		
10	256QAM	50	0	15.76	15.83	15.79		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.72	15.73	15.74		
5	QPSK	1	12	15.81	15.70	15.75	16.9	0
5	QPSK	1	24	15.77	15.70	15.72		
5	QPSK	12	0	15.68	15.77	15.68		
5	QPSK	12	7	15.78	15.79	15.67	16.9	0
5	QPSK	12	13	15.82	15.82	15.77		
5	QPSK	25	0	15.80	15.76	15.71		
5	16QAM	1	0	15.76	15.82	15.79		
5	16QAM	1	12	15.73	15.70	15.77	16.9	0
5	16QAM	1	24	15.71	15.75	15.66		
5	16QAM	12	0	15.77	15.82	15.70		
5	16QAM	12	7	15.77	15.79	15.69	16.9	0
5	16QAM	12	13	15.71	15.75	15.80		
5	16QAM	25	0	15.69	15.77	15.78		
5	64QAM	1	0	15.70	15.82	15.66		
5	64QAM	1	12	15.70	15.75	15.72	16.9	0
5	64QAM	1	24	15.77	15.82	15.68		
5	64QAM	12	0	15.68	15.78	15.76		
5	64QAM	12	7	15.79	15.75	15.80	16.9	0
5	64QAM	12	13	15.73	15.74	15.66		
5	64QAM	25	0	15.79	15.74	15.69		
5	256QAM	1	0	15.76	15.76	15.73		
5	256QAM	1	12	15.69	15.78	15.71	16.9	0
5	256QAM	1	24	15.72	15.74	15.78		
5	256QAM	12	0	15.81	15.74	15.78		
5	256QAM	12	7	15.81	15.75	15.75	16.9	0
5	256QAM	12	13	15.74	15.80	15.78		
5	256QAM	25	0	15.82	15.84	15.80		

Band 12_Ant 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.90	22.92	22.89		
10	QPSK	1	25	22.82	22.78	22.70	23.7	0
10	QPSK	1	49	22.75	22.76	22.70		
10	QPSK	25	0	22.80	22.90	22.87		
10	QPSK	25	12	22.80	22.83	22.81	23.7	0
10	QPSK	25	25	22.78	22.87	22.71		
10	QPSK	50	0	22.87	22.88	22.85		
10	16QAM	1	0	22.85	22.85	22.70		
10	16QAM	1	25	22.79	22.80	22.78	23.7	0
10	16QAM	1	49	22.86	22.81	22.77		
10	16QAM	25	0	21.67	21.68	21.69		
10	16QAM	25	12	21.69	21.69	21.70	22.7	1
10	16QAM	25	25	21.72	21.75	21.70		
10	16QAM	50	0	21.68	21.69	21.68		
10	64QAM	1	0	21.80	21.85	21.82		
10	64QAM	1	25	21.84	21.82	21.83	22.7	1
10	64QAM	1	49	21.91	21.90	21.89		
10	64QAM	25	0	20.67	20.67	20.70		
10	64QAM	25	12	20.70	20.68	20.69	21.7	2
10	64QAM	25	25	20.71	20.73	20.68		
10	64QAM	50	0	20.69	20.69	20.68		
10	256QAM	1	0	18.76	18.78	18.75		
10	256QAM	1	25	18.66	18.65	18.66	19.7	4
10	256QAM	1	49	18.70	18.68	18.69		
10	256QAM	25	0	18.61	18.66	18.73		
10	256QAM	25	12	18.67	18.75	18.66	19.7	4
10	256QAM	25	25	18.74	18.71	18.66		
10	256QAM	50	0	18.72	18.76	18.66		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.73	22.80	22.74		
5	QPSK	1	12	22.73	22.77	22.74	23.7	0
5	QPSK	1	24	22.75	22.73	22.84		
5	QPSK	12	0	22.77	22.73	22.74		
5	QPSK	12	7	22.79	22.78	22.76	23.7	0
5	QPSK	12	13	22.86	22.80	22.83		
5	QPSK	25	0	22.81	22.74	22.82		
5	16QAM	1	0	22.76	22.78	22.75		
5	16QAM	1	12	22.75	22.87	22.80	23.7	0
5	16QAM	1	24	22.84	22.73	22.78		
5	16QAM	12	0	21.43	21.49	21.56		
5	16QAM	12	7	21.54	21.56	21.51	22.7	1
5	16QAM	12	13	21.60	21.55	21.58		
5	16QAM	25	0	21.51	21.45	21.45		
5	64QAM	1	0	21.64	21.70	21.65		
5	64QAM	1	12	21.69	21.59	21.62	22.7	1
5	64QAM	1	24	21.75	21.68	21.75		
5	64QAM	12	0	20.51	20.45	20.49		
5	64QAM	12	7	20.59	20.55	20.55	21.7	2
5	64QAM	12	13	20.57	20.57	20.49		
5	64QAM	25	0	20.58	20.57	20.49		
5	256QAM	1	0	18.55	18.58	18.57		
5	256QAM	1	12	18.42	18.47	18.52	19.7	4
5	256QAM	1	24	18.48	18.48	18.54		
5	256QAM	12	0	18.37	18.43	18.59		
5	256QAM	12	7	18.44	18.59	18.50	19.7	4
5	256QAM	12	13	18.57	18.56	18.45		
5	256QAM	25	0	18.58	18.63	18.45		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.77	22.83	22.73		
3	QPSK	1	8	22.73	22.74	22.78	23.7	0
3	QPSK	1	14	22.73	22.80	22.77		
3	QPSK	8	0	22.72	22.76	22.79		
3	QPSK	8	4	22.72	22.73	22.76	23.7	0
3	QPSK	8	7	22.79	22.79	22.77		
3	QPSK	15	0	22.80	22.79	22.80		
3	16QAM	1	0	22.83	22.83	22.74		
3	16QAM	1	8	22.79	22.76	22.71	23.7	0
3	16QAM	1	14	22.75	22.81	22.81		
3	16QAM	8	0	21.42	21.54	21.58		
3	16QAM	8	4	21.53	21.51	21.47	22.7	1
3	16QAM	8	7	21.61	21.53	21.49		
3	16QAM	15	0	21.48	21.51	21.51		
3	64QAM	1	0	21.68	21.71	21.65		
3	64QAM	1	8	21.66	21.60	21.62	22.7	1
3	64QAM	1	14	21.75	21.77	21.65		
3	64QAM	8	0	20.46	20.47	20.47		
3	64QAM	8	4	20.48	20.55	20.49	21.7	2
3	64QAM	8	7	20.59	20.50	20.52		
3	64QAM	15	0	20.55	20.56	20.48		
3	256QAM	1	0	18.55	18.58	18.59		
3	256QAM	1	8	18.49	18.44	18.41	19.7	4
3	256QAM	1	14	18.50	18.44	18.53		
3	256QAM	8	0	18.37	18.48	18.53		
3	256QAM	8	4	18.45	18.55	18.41	19.7	4
3	256QAM	8	7	18.54	18.50	18.46		
3	256QAM	15	0	18.59	18.53	18.52		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.72	22.78	22.83		
1.4	QPSK	1	3	22.84	22.82	22.71		
1.4	QPSK	1	5	22.73	22.77	22.84	23.7	0
1.4	QPSK	3	0	22.73	22.74	22.71		
1.4	QPSK	3	1	22.83	22.85	22.83		
1.4	QPSK	3	3	22.79	22.73	22.81		
1.4	QPSK	6	0	22.74	22.80	22.77	23.7	0
1.4	16QAM	1	0	22.82	22.82	22.82		
1.4	16QAM	1	3	22.73	22.73	22.76		
1.4	16QAM	1	5	22.81	22.85	22.76	23.7	0
1.4	16QAM	3	0	22.79	22.82	22.83		
1.4	16QAM	3	1	22.84	22.77	22.71		
1.4	16QAM	3	3	22.74	22.84	22.74		
1.4	16QAM	6	0	21.45	21.47	21.49	22.7	1
1.4	64QAM	1	0	21.50	21.50	21.48		
1.4	64QAM	1	3	21.49	21.56	21.48		
1.4	64QAM	1	5	21.46	21.44	21.53	22.7	1
1.4	64QAM	3	0	21.61	21.65	21.62		
1.4	64QAM	3	1	21.71	21.62	21.61		
1.4	64QAM	3	3	21.79	21.65	21.69		
1.4	64QAM	6	0	20.43	20.45	20.48	21.7	2
1.4	256QAM	1	0	18.63	18.66	18.54		
1.4	256QAM	1	3	18.55	18.40	18.46		
1.4	256QAM	1	5	18.47	18.51	18.58	19.7	4
1.4	256QAM	3	0	18.49	18.52	18.55		
1.4	256QAM	3	1	18.45	18.63	18.51		
1.4	256QAM	3	3	18.55	18.50	18.52		
1.4	256QAM	6	0	18.61	18.65	18.45	19.7	4

Band 12_Ant 31

BW [MHz]	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	24.00	24.07	24.03		
10	QPSK	1	25	23.87	23.93	23.85	25	0
10	QPSK	1	49	23.88	23.82	23.84		
10	QPSK	25	0	22.92	23.05	22.94		
10	QPSK	25	12	22.84	22.83	22.84	24	1
10	QPSK	25	25	22.88	22.89	22.85		
10	QPSK	50	0	22.84	23.01	22.89		
10	16QAM	1	0	22.59	23.41	22.80		
10	16QAM	1	25	23.29	22.77	23.17	24	1
10	16QAM	1	49	23.24	23.28	22.92		
10	16QAM	25	0	21.74	21.83	21.87		
10	16QAM	25	12	21.83	21.87	21.77	23	2
10	16QAM	25	25	21.86	21.88	21.84		
10	16QAM	50	0	21.77	21.88	21.82		
10	64QAM	1	0	22.00	22.11	21.58		
10	64QAM	1	25	21.88	22.10	21.93	23	2
10	64QAM	1	49	22.01	21.74	22.11		
10	64QAM	25	0	20.71	20.76	20.75		
10	64QAM	25	12	20.85	20.88	20.81	22	3
10	64QAM	25	25	20.89	20.81	20.88		
10	64QAM	50	0	20.85	20.85	20.81		
10	256QAM	1	0	18.89	18.90	18.86		
10	256QAM	1	25	18.85	18.86	18.77	20	5
10	256QAM	1	49	18.80	18.88	18.72		
10	256QAM	25	0	18.83	18.88	18.74		
10	256QAM	25	12	18.78	18.84	18.81	20	5
10	256QAM	25	25	18.81	18.78	18.80		
10	256QAM	50	0	18.85	18.78	18.73		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.99	23.98	23.90		
5	QPSK	1	12	23.74	23.84	23.72	25	0
5	QPSK	1	24	23.73	23.78	23.77		
5	QPSK	12	0	22.83	23.04	22.81		
5	QPSK	12	7	22.76	22.76	22.79	24	1
5	QPSK	12	13	22.82	22.79	22.75		
5	QPSK	25	0	22.69	22.99	22.76		
5	16QAM	1	0	22.57	23.27	22.76		
5	16QAM	1	12	23.16	22.64	23.08	24	1
5	16QAM	1	24	23.16	23.22	22.84		
5	16QAM	12	0	21.67	21.80	21.75		
5	16QAM	12	7	21.69	21.76	21.74	23	2
5	16QAM	12	13	21.75	21.81	21.71		
5	16QAM	25	0	21.69	21.76	21.72		
5	64QAM	1	0	21.90	22.08	21.50		
5	64QAM	1	12	21.82	22.00	21.92	23	2
5	64QAM	1	24	21.91	21.71	22.00		
5	64QAM	12	0	20.56	20.73	20.73		
5	64QAM	12	7	20.72	20.74	20.77	22	3
5	64QAM	12	13	20.78	20.79	20.81		
5	64QAM	25	0	20.71	20.76	20.78		
5	256QAM	1	0	18.87	18.82	18.80		
5	256QAM	1	12	18.77	18.84	18.67	20	5
5	256QAM	1	24	18.67	18.85	18.70		
5	256QAM	12	0	18.71	18.83	18.63		
5	256QAM	12	7	18.73	18.74	18.66	20	5
5	256QAM	12	13	18.78	18.68	18.68		
5	256QAM	25	0	18.81	18.68	18.61		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.87	24.03	23.96		
3	QPSK	1	8	23.74	23.88	23.72	25	0
3	QPSK	1	14	23.77	23.77	23.81		
3	QPSK	8	0	22.78	22.90	22.87		
3	QPSK	8	4	22.75	22.79	22.73	24	1
3	QPSK	8	7	22.86	22.76	22.75		
3	QPSK	15	0	22.73	22.92	22.83		
3	16QAM	1	0	22.54	23.39	22.75		
3	16QAM	1	8	23.26	22.68	23.16	24	1
3	16QAM	1	14	23.13	23.21	22.82		
3	16QAM	8	0	21.70	21.79	21.74		
3	16QAM	8	4	21.70	21.78	21.69	23	2
3	16QAM	8	7	21.75	21.77	21.79		
3	16QAM	15	0	21.68	21.77	21.75		
3	64QAM	1	0	21.96	21.98	21.51		
3	64QAM	1	8	21.81	22.04	21.91	23	2
3	64QAM	1	14	21.97	21.72	22.00		
3	64QAM	8	0	20.70	20.75	20.60		
3	64QAM	8	4	20.73	20.73	20.77	22	3
3	64QAM	8	7	20.76	20.75	20.74		
3	64QAM	15	0	20.73	20.77	20.76		
3	256QAM	1	0	18.88	18.78	18.72		
3	256QAM	1	8	18.70	18.82	18.67	20	5
3	256QAM	1	14	18.77	18.79	18.65		
3	256QAM	8	0	18.78	18.82	18.69		
3	256QAM	8	4	18.73	18.79	18.78	20	5
3	256QAM	8	7	18.69	18.72	18.73		
3	256QAM	15	0	18.76	18.71	18.67		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.91	23.92	23.98		
1.4	QPSK	1	3	23.82	23.79	23.81		
1.4	QPSK	1	5	23.87	23.70	23.83	25	0
1.4	QPSK	3	0	23.99	23.93	23.89		
1.4	QPSK	3	1	23.85	23.82	23.70		
1.4	QPSK	3	3	23.75	23.80	23.69		
1.4	QPSK	6	0	22.81	22.94	22.82	24	1
1.4	16QAM	1	0	22.81	22.98	22.73		
1.4	16QAM	1	3	22.84	22.78	22.71		
1.4	16QAM	1	5	22.72	22.97	22.82	24	1
1.4	16QAM	3	0	22.53	23.39	22.78		
1.4	16QAM	3	1	23.14	22.63	23.10		
1.4	16QAM	3	3	23.16	23.19	22.87		
1.4	16QAM	6	0	21.62	21.77	21.85	23	2
1.4	64QAM	1	0	21.77	21.72	21.70		
1.4	64QAM	1	3	21.80	21.75	21.76		
1.4	64QAM	1	5	21.74	21.82	21.80	23	2
1.4	64QAM	3	0	21.91	22.00	21.47		
1.4	64QAM	3	1	21.78	21.95	21.86		
1.4	64QAM	3	3	21.87	21.65	22.02		
1.4	64QAM	6	0	20.69	20.63	20.70	22	3
1.4	256QAM	1	0	18.82	18.80	18.80		
1.4	256QAM	1	3	18.72	18.71	18.70		
1.4	256QAM	1	5	18.72	18.76	18.59	20	5
1.4	256QAM	3	0	18.82	18.76	18.65		
1.4	256QAM	3	1	18.76	18.70	18.74		
1.4	256QAM	3	3	18.74	18.75	18.79		
1.4	256QAM	6	0	18.72	18.75	18.70	20	5

Band 13_Ant 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		22.58		23.7	0
10	QPSK	1	25		22.47			
10	QPSK	1	49		22.44			
10	QPSK	25	0		22.56		23.7	0
10	QPSK	25	12		22.31			
10	QPSK	25	25		22.29			
10	QPSK	50	0		22.50		23.7	0
10	16QAM	1	0		22.51			
10	16QAM	1	25		22.53			
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.26		22.7	1
10	16QAM	25	12		21.29			
10	16QAM	25	25		21.26			
10	16QAM	50	0		21.28			
10	64QAM	1	0		21.41		22.7	1
10	64QAM	1	25		21.47			
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.24		21.7	2
10	64QAM	25	12		20.28			
10	64QAM	25	25		20.26			
10	64QAM	50	0		20.26			
10	256QAM	1	0		18.37		19.7	4
10	256QAM	1	25		18.30			
10	256QAM	1	49		18.31			
10	256QAM	25	0		18.24		19.7	4
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.45	22.53	22.44	23.7	0
5	QPSK	1	12	22.54	22.44	22.54		
5	QPSK	1	24	22.49	22.49	22.48		
5	QPSK	12	0	22.46	22.42	22.51	23.7	0
5	QPSK	12	7	22.22	22.29	22.16		
5	QPSK	12	13	22.21	22.20	22.18		
5	QPSK	25	0	22.47	22.49	22.43		
5	16QAM	1	0	22.40	22.50	22.42	23.7	0
5	16QAM	1	12	22.38	22.40	22.39		
5	16QAM	1	24	22.43	22.48	22.45		
5	16QAM	12	0	21.20	21.23	21.23	22.7	1
5	16QAM	12	7	21.26	21.25	21.22		
5	16QAM	12	13	21.16	21.17	21.25		
5	16QAM	25	0	21.20	21.25	21.20		
5	64QAM	1	0	21.28	21.37	21.27	22.7	1
5	64QAM	1	12	21.45	21.38	21.44		
5	64QAM	1	24	21.43	21.38	21.39		
5	64QAM	12	0	20.20	20.15	20.19	21.7	2
5	64QAM	12	7	20.17	20.15	20.15		
5	64QAM	12	13	20.25	20.23	20.20		
5	64QAM	25	0	20.24	20.24	20.17		
5	256QAM	1	0	18.30	18.26	18.33	19.7	4
5	256QAM	1	12	18.22	18.17	18.25		
5	256QAM	1	24	18.22	18.27	18.30		
5	256QAM	12	0	18.14	18.15	18.12	19.7	4
5	256QAM	12	7	18.18	18.11	18.22		
5	256QAM	12	13	18.11	18.10	18.12		
5	256QAM	25	0	18.20	18.27	18.27		

Band 13_Ant 31

BW [MHz]	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		23.65		25	0
10	QPSK	1	25		23.57			
10	QPSK	1	49		23.56			
10	QPSK	25	0		22.63		24	1
10	QPSK	25	12		22.60			
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.60		24	1
10	16QAM	1	0		22.57			
10	16QAM	1	25		22.54			
10	16QAM	1	49		22.69			
10	16QAM	25	0		21.50		23	2
10	16QAM	25	12		21.54			
10	16QAM	25	25		21.59			
10	16QAM	50	0		21.50			
10	64QAM	1	0		21.87		23	2
10	64QAM	1	25		21.56			
10	64QAM	1	49		21.42			
10	64QAM	25	0		20.47		22	3
10	64QAM	25	12		20.54			
10	64QAM	25	25		20.45			
10	64QAM	50	0		20.56			
10	256QAM	1	0		18.58		20	5
10	256QAM	1	25		18.48			
10	256QAM	1	49		18.52			
10	256QAM	25	0		18.43		20	5
10	256QAM	25	12		18.44			
10	256QAM	25	25		18.46			
10	256QAM	50	0		18.46			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.63	23.55	25	0
5	QPSK	1	12	23.54	23.45	23.56		
5	QPSK	1	24	23.50	23.51	23.49		
5	QPSK	12	0	22.55	22.52	22.56	24	1
5	QPSK	12	7	22.55	22.50	22.51		
5	QPSK	12	13	22.48	22.45	22.45		
5	QPSK	25	0	22.53	22.47	22.45		
5	16QAM	1	0	22.56	22.43	22.50	24	1
5	16QAM	1	12	22.46	22.40	22.51		
5	16QAM	1	24	22.56	22.64	22.59		
5	16QAM	12	0	21.47	21.38	21.42	23	2
5	16QAM	12	7	21.42	21.40	21.45		
5	16QAM	12	13	21.49	21.52	21.54		
5	16QAM	25	0	21.38	21.43	21.36		
5	64QAM	1	0	21.76	21.78	21.72	23	2
5	64QAM	1	12	21.49	21.54	21.53		
5	64QAM	1	24	21.34	21.37	21.28		
5	64QAM	12	0	20.43	20.38	20.40	22	3
5	64QAM	12	7	20.51	20.45	20.39		
5	64QAM	12	13	20.33	20.39	20.38		
5	64QAM	25	0	20.52	20.42	20.47		
5	256QAM	1	0	18.49	18.45	18.46	20	5
5	256QAM	1	12	18.33	18.36	18.46		
5	256QAM	1	24	18.47	18.40	18.45		
5	256QAM	12	0	18.33	18.41	18.35	20	5
5	256QAM	12	7	18.40	18.43	18.32		
5	256QAM	12	13	18.40	18.40	18.36		
5	256QAM	25	0	18.32	18.40	18.32		

Band 17_Ant 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.38	22.40	22.37	23.2	0
10	QPSK	1	25	22.28	22.33	22.22		
10	QPSK	1	49	22.21	22.24	22.31		
10	QPSK	25	0	22.36	22.38	22.35	23.2	0
10	QPSK	25	12	22.20	22.35	22.29		
10	QPSK	25	25	22.22	22.32	22.31		
10	QPSK	50	0	22.35	22.36	22.33		
10	16QAM	1	0	22.30	22.26	22.26	23.2	0
10	16QAM	1	25	22.31	22.26	22.24		
10	16QAM	1	49	22.26	22.22	22.27		
10	16QAM	25	0	21.63	21.64	21.62	22.7	0.5
10	16QAM	25	12	21.64	21.62	21.62		
10	16QAM	25	25	21.68	21.66	21.67		
10	16QAM	50	0	21.66	21.65	21.65		
10	64QAM	1	0	21.72	21.79	21.76	22.7	0.5
10	64QAM	1	25	21.76	21.78	21.79		
10	64QAM	1	49	21.85	21.85	21.85		
10	64QAM	25	0	20.61	20.62	20.63	21.7	1.5
10	64QAM	25	12	20.63	20.62	20.63		
10	64QAM	25	25	20.67	20.66	20.66		
10	64QAM	50	0	20.64	20.65	20.64		
10	256QAM	1	0	18.68	18.70	18.67	19.7	3.5
10	256QAM	1	25	18.64	18.66	18.54		
10	256QAM	1	49	18.63	18.55	18.63		
10	256QAM	25	0	18.63	18.65	18.61	19.7	3.5
10	256QAM	25	12	18.60	18.55	18.61		
10	256QAM	25	25	18.63	18.59	18.55		
10	256QAM	50	0	18.61	18.67	18.66		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.23	22.31	22.32	23.2	0
5	QPSK	1	12	22.26	22.29	22.18		
5	QPSK	1	24	22.24	22.25	22.26		
5	QPSK	12	0	22.26	22.21	22.20	23.2	0
5	QPSK	12	7	22.20	22.29	22.20		
5	QPSK	12	13	22.22	22.21	22.31		
5	QPSK	25	0	22.29	22.23	22.21		
5	16QAM	1	0	22.30	22.29	22.21	23.2	0
5	16QAM	1	12	22.20	22.35	22.20		
5	16QAM	1	24	22.34	22.33	22.21		
5	16QAM	12	0	21.61	21.54	21.57	22.7	0.5
5	16QAM	12	7	21.62	21.56	21.47		
5	16QAM	12	13	21.64	21.57	21.64		
5	16QAM	25	0	21.55	21.57	21.60		
5	64QAM	1	0	21.69	21.77	21.61	22.7	0.5
5	64QAM	1	12	21.67	21.69	21.73		
5	64QAM	1	24	21.75	21.77	21.79		
5	64QAM	12	0	20.60	20.59	20.52	21.7	1.5
5	64QAM	12	7	20.55	20.61	20.50		
5	64QAM	12	13	20.62	20.55	20.52		
5	64QAM	25	0	20.60	20.57	20.57		
5	256QAM	1	0	18.54	18.56	18.66	19.7	3.5
5	256QAM	1	12	18.61	18.55	18.50		
5	256QAM	1	24	18.58	18.43	18.50		
5	256QAM	12	0	18.49	18.53	18.59	19.7	3.5
5	256QAM	12	7	18.56	18.46	18.48		
5	256QAM	12	13	18.54	18.55	18.46		
5	256QAM	25	0	18.48	18.59	18.57		

Band 17_Ant 31

BW [MHz]	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	24.01	24.03	23.99	25	0
10	QPSK	1	25	24.00	23.90	23.97		
10	QPSK	1	49	23.98	23.99	23.94		
10	QPSK	25	0	22.99	23.00	22.99	24	1
10	QPSK	25	12	22.92	22.92	22.91		
10	QPSK	25	25	22.94	22.90	22.93		
10	QPSK	50	0	22.95	22.97	22.93		
10	16QAM	1	0	23.09	22.95	22.95	24	1
10	16QAM	1	25	23.25	23.01	23.26		
10	16QAM	1	49	23.06	23.14	23.42		
10	16QAM	25	0	21.82	21.83	21.92	23	2
10	16QAM	25	12	21.90	21.88	21.93		
10	16QAM	25	25	21.95	21.97	21.90		
10	16QAM	50	0	21.90	21.90	21.86		
10	64QAM	1	0	22.16	22.16	21.70	23	2
10	64QAM	1	25	22.18	21.89	22.18		
10	64QAM	1	49	22.25	22.28	22.24		
10	64QAM	25	0	20.82	20.88	20.85	22	3
10	64QAM	25	12	20.90	20.85	20.81		
10	64QAM	25	25	20.91	20.86	20.93		
10	64QAM	50	0	20.91	20.93	20.85		
10	256QAM	1	0	18.87	18.90	18.85	20	5
10	256QAM	1	25	18.86	18.84	18.81		
10	256QAM	1	49	18.82	18.87	18.83		
10	256QAM	25	0	18.76	18.85	18.81	20	5
10	256QAM	25	12	18.76	18.85	18.76		
10	256QAM	25	25	18.86	18.80	18.79		
10	256QAM	50	0	18.79	18.89	18.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.89	24.01	23.87	25	0
5	QPSK	1	12	23.86	23.77	23.88		
5	QPSK	1	24	23.87	23.88	23.79		
5	QPSK	12	0	22.90	22.92	22.85	24	1
5	QPSK	12	7	22.77	22.86	22.78		
5	QPSK	12	13	22.84	22.88	22.81		
5	QPSK	25	0	22.90	22.95	22.88		
5	16QAM	1	0	23.03	22.93	22.87	24	1
5	16QAM	1	12	23.13	22.91	23.12		
5	16QAM	1	24	22.97	23.05	23.39		
5	16QAM	12	0	21.79	21.82	21.89	23	2
5	16QAM	12	7	21.87	21.83	21.82		
5	16QAM	12	13	21.86	21.85	21.82		
5	16QAM	25	0	21.79	21.87	21.75		
5	64QAM	1	0	22.12	22.04	21.55	23	2
5	64QAM	1	12	22.13	21.78	22.13		
5	64QAM	1	24	22.17	22.14	22.19		
5	64QAM	12	0	20.75	20.84	20.77	22	3
5	64QAM	12	7	20.75	20.83	20.80		
5	64QAM	12	13	20.79	20.76	20.81		
5	64QAM	25	0	20.80	20.82	20.75		
5	256QAM	1	0	18.77	18.79	18.80	20	5
5	256QAM	1	12	18.72	18.71	18.67		
5	256QAM	1	24	18.70	18.79	18.68		
5	256QAM	12	0	18.65	18.71	18.71	20	5
5	256QAM	12	7	18.67	18.76	18.70		
5	256QAM	12	13	18.78	18.75	18.71		
5	256QAM	25	0	18.65	18.81	18.65		

Band 26_Ant 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.28	20.30	20.26	21.2	0
15	QPSK	1	37	20.19	20.21	20.13		
15	QPSK	1	74	20.12	20.11	20.13		
15	QPSK	36	0	20.27	20.28	20.25		
15	QPSK	36	20	20.23	20.14	20.09		
15	QPSK	36	39	20.16	20.20	20.19		
15	QPSK	75	0	20.25	20.26	20.23		
15	16QAM	1	0	20.19	20.25	20.18		
15	16QAM	1	37	20.19	20.13	20.14		
15	16QAM	1	74	20.18	20.22	20.21		
15	16QAM	36	0	20.18	20.16	20.09		
15	16QAM	36	20	20.13	20.13	20.14		
15	16QAM	36	39	20.19	20.25	20.22		
15	16QAM	75	0	20.18	20.22	20.19		
15	64QAM	1	0	20.19	20.15	20.08		
15	64QAM	1	37	20.14	20.18	20.17		
15	64QAM	1	74	20.16	20.19	20.19		
15	64QAM	36	0	20.14	20.16	20.10		
15	64QAM	36	20	20.17	20.15	20.18		
15	64QAM	36	39	20.16	20.21	20.21		
15	64QAM	75	0	20.15	20.15	20.15		
15	256QAM	1	0	18.63	18.65	18.61		
15	256QAM	1	37	18.61	18.58	18.53	19.7	1.5
15	256QAM	1	74	18.58	18.62	18.58		
15	256QAM	36	0	18.60	18.52	18.49		
15	256QAM	36	20	18.60	18.63	18.46		
15	256QAM	36	39	18.53	18.53	18.57		
15	256QAM	75	0	18.61	18.64	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	20.16	20.24	20.15	21.2	0
10	QPSK	1	25	20.13	20.12	20.08		
10	QPSK	1	49	20.10	20.22	20.14		
10	QPSK	25	0	20.16	20.16	20.08		
10	QPSK	25	12	20.16	20.21	20.14		
10	QPSK	25	25	20.12	20.11	20.09		
10	QPSK	50	0	20.24	20.22	20.22		
10	16QAM	1	0	20.16	20.23	20.12		
10	16QAM	1	25	20.16	20.18	20.14	21.2	0
10	16QAM	1	49	20.12	20.11	20.21		
10	16QAM	25	0	20.13	20.11	20.18		
10	16QAM	25	12	20.19	20.17	20.17		
10	16QAM	25	25	20.22	20.25	20.18		
10	16QAM	50	0	20.22	20.11	20.18		
10	64QAM	1	0	20.23	20.11	20.20		
10	64QAM	1	25	20.22	20.14	20.15	21.2	0
10	64QAM	1	49	20.21	20.11	20.11		
10	64QAM	25	0	20.16	20.12	20.12		
10	64QAM	25	12	20.13	20.17	20.22	21.2	0
10	64QAM	25	25	20.21	20.17	20.09		
10	64QAM	50	0	20.12	20.14	20.14		
10	256QAM	1	0	18.57	18.57	18.55		
10	256QAM	1	25	18.47	18.43	18.38	19.7	1.5
10	256QAM	1	49	18.53	18.56	18.54		
10	256QAM	25	0	18.57	18.41	18.38		
10	256QAM	25	12	18.55	18.48	18.36	19.7	1.5
10	256QAM	25	25	18.45	18.40	18.45		
10	256QAM	50	0	18.47	18.56	18.34		
Channel				26716	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	20.12	20.13	20.22	21.2	0
5	QPSK	1	12	20.22	20.11	20.16		
5	QPSK	1	24	20.13	20.13	20.17		
5	QPSK	12	0	20.18	20.18	20.12		
5	QPSK	12	7	20.18	20.12	20.09		
5	QPSK	12	13	20.19	20.13	20.14		
5	QPSK	25	0	20.18	20.14	20.12		
5	16QAM	1	0	20.22	20.22	20.20		
5	16QAM	1	12	20.24	20.16	20.18	21.2	0
5	16QAM	1	24	20.10	20.11	20.15		
5	16QAM	12	0	20.13	20.23	20.17		
5	16QAM	12	7	20.24	20.19	20.19	21.2	0
5	16QAM	12	13	20.13	20.13	20.20		
5	16QAM	25	0	20.15	20.24	20.08		
5	64QAM	1	0	20.17	20.14	20.08		
5	64QAM	1	12	20.12	20.16	20.10	21.2	0
5	64QAM	1	24	20.18	20.22	20.21		
5	64QAM	12	0	20.11	20.15	20.15		
5	64QAM	12	7	20.14	20.21	20.15	21.2	0
5	64QAM	12	13	20.13	20.11	20.11		
5	64QAM	25	0	20.10	20.17	20.17		
5	256QAM	1	0	18.53	18.64	18.60	19.7	1.5
5	256QAM	1	12	18.51	18.56	18.42		
5	256QAM	1	24	18.44	18.58	18.52		
5	256QAM	12	0	18.55	18.48	18.37	19.7	1.5
5	256QAM	12	7	18.45	18.55	18.43		
5	256QAM	12	13	18.48	18.42	18.48		
5	256QAM	25	0	18.50	18.51	18.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.17	20.13	20.08	21.2	0
3	QPSK	1	8	20.17	20.18	20.12		
3	QPSK	1	14	20.12	20.23	20.21		
3	QPSK	8	0	20.17	20.16	20.11	21.2	0
3	QPSK	8	4	20.21	20.16	20.12		
3	QPSK	8	7	20.20	20.11	20.17		
3	QPSK	15	0	20.24	20.25	20.19		
3	16QAM	1	0	20.12	20.24	20.09	21.2	0
3	16QAM	1	8	20.12	20.20	20.14		
3	16QAM	1	14	20.16	20.24	20.10		
3	16QAM	8	0	20.15	20.17	20.10	21.2	0
3	16QAM	8	4	20.21	20.24	20.14		
3	16QAM	8	7	20.17	20.16	20.22		
3	16QAM	15	0	20.14	20.16	20.08		
3	64QAM	1	0	20.15	20.25	20.19	21.2	0
3	64QAM	1	8	20.17	20.17	20.22		
3	64QAM	1	14	20.20	20.12	20.22		
3	64QAM	8	0	20.17	20.23	20.19	21.2	0
3	64QAM	8	4	20.17	20.13	20.18		
3	64QAM	8	7	20.24	20.19	20.16		
3	64QAM	15	0	20.16	20.14	20.11		
3	256QAM	1	0	18.59	18.53	18.57	19.7	1.5
3	256QAM	1	8	18.53	18.45	18.48		
3	256QAM	1	14	18.50	18.49	18.51		
3	256QAM	8	0	18.58	18.46	18.48	19.7	1.5
3	256QAM	8	4	18.57	18.52	18.43		
3	256QAM	8	7	18.42	18.40	18.56		
3	256QAM	15	0	18.55	18.63	18.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.20	20.21	20.14	21.2	0
1.4	QPSK	1	3	20.18	20.13	20.18		
1.4	QPSK	1	5	20.14	20.22	20.17		
1.4	QPSK	3	0	20.18	20.12	20.18		
1.4	QPSK	3	1	20.24	20.12	20.20		
1.4	QPSK	3	3	20.15	20.12	20.22		
1.4	QPSK	6	0	20.14	20.19	20.22	21.2	0
1.4	16QAM	1	0	20.23	20.23	20.19	21.2	0
1.4	16QAM	1	3	20.13	20.25	20.12		
1.4	16QAM	1	5	20.20	20.16	20.18		
1.4	16QAM	3	0	20.24	20.22	20.22		
1.4	16QAM	3	1	20.24	20.23	20.10		
1.4	16QAM	3	3	20.17	20.20	20.09		
1.4	16QAM	6	0	20.16	20.22	20.08	21.2	0
1.4	64QAM	1	0	20.21	20.11	20.08	21.2	0
1.4	64QAM	1	3	20.13	20.15	20.15		
1.4	64QAM	1	5	20.24	20.13	20.09		
1.4	64QAM	3	0	20.19	20.17	20.16		
1.4	64QAM	3	1	20.10	20.22	20.08		
1.4	64QAM	3	3	20.20	20.22	20.14		
1.4	64QAM	6	0	20.14	20.19	20.21	21.2	0
1.4	256QAM	1	0	18.61	18.58	18.48	19.7	1.5
1.4	256QAM	1	3	18.57	18.47	18.43		
1.4	256QAM	1	5	18.55	18.57	18.47		
1.4	256QAM	3	0	18.47	18.46	18.42		
1.4	256QAM	3	1	18.45	18.51	18.45		
1.4	256QAM	3	3	18.42	18.51	18.50		
1.4	256QAM	6	0	18.47	18.53	18.43	19.7	1.5

Band 26_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.63	23.69	23.65	25	0
15	QPSK	1	37	23.62	23.60	23.60		
15	QPSK	1	74	23.55	23.64	23.56		
15	QPSK	36	0	22.63	22.68	22.64	24	1
15	QPSK	36	20	22.60	22.59	22.63		
15	QPSK	36	39	22.61	22.61	22.60		
15	QPSK	75	0	22.62	22.65	22.62		
15	16QAM	1	0	23.00	22.66	22.58	24	1
15	16QAM	1	37	23.00	22.77	23.11		
15	16QAM	1	74	22.61	22.55	22.62		
15	16QAM	36	0	21.64	21.59	21.59	23	2
15	16QAM	36	20	21.70	21.64	21.63		
15	16QAM	36	39	21.62	21.57	21.59		
15	16QAM	75	0	21.62	21.64	21.67		
15	64QAM	1	0	21.84	21.55	22.00	23	2
15	64QAM	1	37	21.65	21.73	21.92		
15	64QAM	1	74	21.86	21.97	21.43		
15	64QAM	36	0	20.64	20.60	20.67	22	3
15	64QAM	36	20	20.67	20.66	20.66		
15	64QAM	36	39	20.60	20.59	20.59		
15	64QAM	75	0	20.61	20.64	20.64		
15	256QAM	1	0	18.63	18.65	18.61	20	5
15	256QAM	1	37	18.54	18.51	18.49		
15	256QAM	1	74	18.56	18.64	18.54		
15	256QAM	36	0	18.51	18.52	18.48		
15	256QAM	36	20	18.51	18.59	18.49	20	5
15	256QAM	36	39	18.60	18.55	18.56		
15	256QAM	75	0	18.59	18.62	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.62	23.58	23.52	25	0
10	QPSK	1	25	23.47	23.48	23.51		
10	QPSK	1	49	23.50	23.51	23.45		
10	QPSK	25	0	22.56	22.64	22.61	24	1
10	QPSK	25	12	22.45	22.46	22.60		
10	QPSK	25	25	22.52	22.54	22.52		
10	QPSK	50	0	22.51	22.64	22.54		
10	16QAM	1	0	22.57	22.59	22.56		
10	16QAM	1	25	22.98	22.71	22.99	24	1
10	16QAM	1	49	22.48	22.51	22.48		
10	16QAM	25	0	21.50	21.46	21.51	23	2
10	16QAM	25	12	21.63	21.56	21.56		
10	16QAM	25	25	21.53	21.53	21.58		
10	16QAM	50	0	21.57	21.57	21.61		
10	64QAM	1	0	21.83	21.40	21.92	23	2
10	64QAM	1	25	21.62	21.59	21.78		
10	64QAM	1	49	21.72	21.83	21.41		
10	64QAM	25	0	20.52	20.45	20.65	22	3
10	64QAM	25	12	20.65	20.53	20.61		
10	64QAM	25	25	20.48	20.57	20.52		
10	64QAM	50	0	20.50	20.49	20.57		
10	256QAM	1	0	18.49	18.62	18.46	20	5
10	256QAM	1	25	18.52	18.37	18.39		
10	256QAM	1	49	18.46	18.55	18.41		
10	256QAM	25	0	18.39	18.58	18.43		
10	256QAM	25	12	18.49	18.54	18.48	20	5
10	256QAM	25	25	18.46	18.48	18.42		
10	256QAM	50	0	18.46	18.55	18.44		
Channel				26716	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.49	23.58	23.59	25	0
5	QPSK	1	12	23.58	23.54	23.57		
5	QPSK	1	24	23.45	23.56	23.55		
5	QPSK	12	0	22.47	22.57	22.53	24	1
5	QPSK	12	7	22.55	22.46	22.49		
5	QPSK	12	13	22.57	22.60	22.50		
5	QPSK	25	0	22.60	22.54	22.54		
5	16QAM	1	0	22.89	22.57	22.47	24	1
5	16QAM	1	12	22.94	22.64	23.06		
5	16QAM	1	24	22.55	22.48	22.48		
5	16QAM	12	0	21.50	21.58	21.58	23	2
5	16QAM	12	7	21.57	21.57	21.58		
5	16QAM	12	13	21.57	21.54	21.47		
5	16QAM	25	0	21.56	21.59	21.55		
5	64QAM	1	0	21.72	21.47	21.86	23	2
5	64QAM	1	12	21.60	21.66	21.84		
5	64QAM	1	24	21.81	21.93	21.32		
5	64QAM	12	0	20.57	20.57	20.58	22	3
5	64QAM	12	7	20.63	20.61	20.63		
5	64QAM	12	13	20.48	20.46	20.44		
5	64QAM	25	0	20.53	20.50	20.57		
5	256QAM	1	0	18.48	18.62	18.49	20	5
5	256QAM	1	12	18.40	18.48	18.37		
5	256QAM	1	24	18.43	18.59	18.53		
5	256QAM	12	0	18.50	18.50	18.43	20	5
5	256QAM	12	7	18.37	18.54	18.44		
5	256QAM	12	13	18.55	18.49	18.50		
5	256QAM	25	0	18.50	18.60	18.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.59	23.65	23.62	25	0
3	QPSK	1	8	23.52	23.57	23.59		
3	QPSK	1	14	23.48	23.59	23.47		
3	QPSK	8	0	22.53	22.57	22.59	24	1
3	QPSK	8	4	22.54	22.55	22.53		
3	QPSK	8	7	22.49	22.59	22.49		
3	QPSK	15	0	22.56	22.59	22.49		
3	16QAM	1	0	22.93	22.62	22.52	24	1
3	16QAM	1	8	22.89	22.63	23.09		
3	16QAM	1	14	22.55	22.48	22.53		
3	16QAM	8	0	21.60	21.47	21.49	23	2
3	16QAM	8	4	21.57	21.54	21.52		
3	16QAM	8	7	21.57	21.43	21.51		
3	16QAM	15	0	21.56	21.60	21.62		
3	64QAM	1	0	21.79	21.51	21.87	23	2
3	64QAM	1	8	21.64	21.85	21.85		
3	64QAM	1	14	21.84	21.85	21.40		
3	64QAM	8	0	20.52	20.48	20.57	22	3
3	64QAM	8	4	20.54	20.57	20.56		
3	64QAM	8	7	20.52	20.52	20.52		
3	64QAM	15	0	20.60	20.61	20.59		
3	256QAM	1	0	18.62	18.64	18.46	20	5
3	256QAM	1	8	18.43	18.47	18.41		
3	256QAM	1	14	18.58	18.56	18.43		
3	256QAM	8	0	18.47	18.50	18.46	20	5
3	256QAM	8	4	18.37	18.57	18.42		
3	256QAM	8	7	18.45	18.50	18.55		
3	256QAM	15	0	18.50	18.49	18.45		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.58	23.63	25	0
1.4	QPSK	1	3	23.53	23.52	23.49		
1.4	QPSK	1	5	23.47	23.49	23.55		
1.4	QPSK	3	0	23.48	23.60	23.52		
1.4	QPSK	3	1	23.60	23.51	23.48		
1.4	QPSK	3	3	23.44	23.61	23.50		
1.4	QPSK	6	0	23.51	22.62	22.56	24	1
1.4	16QAM	1	0	22.47	22.51	22.60	24	1
1.4	16QAM	1	3	22.55	22.51	22.47		
1.4	16QAM	1	5	22.51	22.62	22.59		
1.4	16QAM	3	0	22.66	22.65	22.50		
1.4	16QAM	3	1	22.90	22.66	22.96		
1.4	16QAM	3	3	22.59	22.53	22.48		
1.4	16QAM	6	0	21.54	21.50	21.44	23	2
1.4	64QAM	1	0	21.55	21.55	21.59	23	2
1.4	64QAM	1	3	21.57	21.45	21.45		
1.4	64QAM	1	5	21.48	21.58	21.53		
1.4	64QAM	3	0	21.83	21.41	21.92		
1.4	64QAM	3	1	21.59	21.71	21.88		
1.4	64QAM	3	3	21.71	21.95	21.36		
1.4	64QAM	6	0	20.63	20.51	20.62	22	3
1.4	256QAM	1	0	18.53	18.51	18.59	20	5
1.4	256QAM	1	3	18.39	18.50	18.35		
1.4	256QAM	1	5	18.49	18.58	18.46		
1.4	256QAM	3	0	18.39	18.56	18.39		
1.4	256QAM	3	1	18.48	18.50	18.37		
1.4	256QAM	3	3	18.50	18.52	18.43		
1.4	256QAM	6	0	18.44	18.48	18.41	20	5

Band 66_Ant 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.40	15.42	15.38	16.2	0
20	QPSK	1	49	15.24	15.30	15.33		
20	QPSK	1	99	15.27	15.27	15.28		
20	QPSK	50	0	15.38	15.40	15.37		
20	QPSK	50	24	15.31	15.35	15.21		
20	QPSK	50	50	15.31	15.24	15.33		
20	QPSK	100	0	15.36	15.38	15.35		
20	16QAM	1	0	15.35	15.29	15.20		
20	16QAM	1	49	15.35	15.24	15.27	16.2	0
20	16QAM	1	99	15.27	15.25	15.22		
20	16QAM	50	0	15.27	15.37	15.22		

Band 66_Ant 31

BW [MHz]	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	23.81	23.85	23.80	24.9	0
20	QPSK	1	49	23.66	23.82	23.60		
20	QPSK	1	99	23.61	23.76	23.49		
20	QPSK	50	0	22.75	22.86	22.73	23.9	1
20	QPSK	50	24	22.67	22.84	22.63		
20	QPSK	50	50	22.65	22.79	22.58		
20	QPSK	100	0	22.75	22.82	22.71		
20	16QAM	1	0	23.15	23.03	22.69	23.9	1
20	16QAM	1	49	23.13	23.29	22.89		
20	16QAM	1	99	23.05	22.86	22.47		
20	16QAM	50	0	21.64	21.81	21.61	22.9	2
20	16QAM	50	24	21.70	21.83	21.59		
20	16QAM	50	50	21.68	21.74	21.54		
20	16QAM	100	0	21.66	21.77	21.59		
20	64QAM	1	0	21.90	22.04	21.82	22.9	2
20	64QAM	1	49	21.52	21.79	21.97		
20	64QAM	1	99	21.49	21.96	21.68		
20	64QAM	50	0	20.75	20.78	20.60	21.9	3
20	64QAM	50	24	20.68	20.75	20.58		
20	64QAM	50	50	20.60	20.69	20.55		
20	64QAM	100	0	20.65	20.73	20.56		
20	256QAM	1	0	18.81	18.83	18.80	19.9	5
20	256QAM	1	49	18.74	18.82	18.74		
20	256QAM	1	99	18.79	18.81	18.73		
20	256QAM	50	0	18.71	18.82	18.75	19.9	5
20	256QAM	50	24	18.69	18.72	18.70		
20	256QAM	50	50	18.78	18.69	18.73		
20	256QAM	100	0	18.76	18.72	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.75	23.75	23.74	24.9	0
15	QPSK	1	37	23.63	23.75	23.52		
15	QPSK	1	74	23.60	23.62	23.36		
15	QPSK	36	0	22.75	22.73	22.71	23.9	1
15	QPSK	36	20	22.58	22.74	22.49		
15	QPSK	36	39	22.54	22.73	22.52		
15	QPSK	75	0	22.71	22.72	22.62		
15	16QAM	1	0	23.12	23.00	22.58	23.9	1
15	16QAM	1	37	23.03	23.23	22.56		
15	16QAM	1	74	22.97	22.77	22.38		
15	16QAM	36	0	21.57	21.66	21.54	22.9	2
15	16QAM	36	20	21.67	21.79	21.55		
15	16QAM	36	39	21.62	21.73	21.42		
15	16QAM	75	0	21.56	21.72	21.57		
15	64QAM	1	0	21.89	22.00	21.80	22.9	2
15	64QAM	1	37	21.46	21.70	21.82		
15	64QAM	1	74	21.43	21.94	21.62		
15	64QAM	36	0	20.66	20.76	20.56	21.9	3
15	64QAM	36	20	20.53	20.69	20.48		
15	64QAM	36	39	20.46	20.54	20.42		
15	64QAM	75	0	20.64	20.60	20.48		
15	256QAM	1	0	18.73	18.76	18.70	19.9	5
15	256QAM	1	37	18.70	18.80	18.72		
15	256QAM	1	74	18.72	18.67	18.67		
15	256QAM	36	0	18.59	18.68	18.74	19.9	5
15	256QAM	36	20	18.63	18.69	18.77		
15	256QAM	36	39	18.75	18.61	18.64		
15	256QAM	75	0	18.61	18.57	18.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.76	23.83	23.69	24.9	0
10	QPSK	1	25	23.62	23.75	23.46		
10	QPSK	1	49	23.46	23.70	23.44		
10	QPSK	25	0	22.67	22.78	22.71	23.9	1
10	QPSK	25	12	22.59	22.82	22.50		
10	QPSK	25	25	22.62	22.69	22.57		
10	QPSK	50	0	22.65	22.81	22.61		
10	16QAM	1	0	23.06	22.91	22.66	23.9	1
10	16QAM	1	25	23.10	23.27	22.56		
10	16QAM	1	49	22.91	22.80	22.34		
10	16QAM	25	0	21.58	21.73	21.46	22.9	2
10	16QAM	25	12	21.67	21.74	21.47		
10	16QAM	25	25	21.64	21.65	21.50		
10	16QAM	50	0	21.52	21.68	21.48		
10	64QAM	1	0	21.87	22.02	21.77	22.9	2
10	64QAM	1	25	21.51	21.77	21.94		
10	64QAM	1	49	21.48	21.89	21.67		
10	64QAM	25	0	20.60	20.67	20.49	21.9	3
10	64QAM	25	12	20.55	20.64	20.49		
10	64QAM	25	25	20.49	20.67	20.49		
10	64QAM	50	0	20.59	20.70	20.52		
10	256QAM	1	0	18.75	18.70	18.72	19.9	5
10	256QAM	1	25	18.71	18.68	18.64		
10	256QAM	1	49	18.68	18.78	18.69		
10	256QAM	25	0	18.67	18.70	18.60	19.9	5
10	256QAM	25	12	18.56	18.68	18.76		
10	256QAM	25	25	18.77	18.57	18.61		
10	256QAM	50	0	18.66	18.71	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.72	23.72	23.75	24.9	0
5	QPSK	1	12	23.64	23.75	23.47		
5	QPSK	1	24	23.51	23.73	23.48		
5	QPSK	12	0	22.72	22.73	22.64	23.9	1
5	QPSK	12	7	22.62	22.72	22.59		
5	QPSK	12	13	22.57	22.64	22.46		
5	QPSK	25	0	22.68	22.71	22.61		
5	16QAM	1	0	23.06	23.01	22.63	23.9	1
5	16QAM	1	12	23.05	23.18	22.61		
5	16QAM	1	24	22.97	22.80	22.44		
5	16QAM	12	0	21.62	21.68	21.52	22.9	2
5	16QAM	12	7	21.66	21.74	21.54		
5	16QAM	12	13	21.54	21.61	21.51		
5	16QAM	25	0	21.62	21.65	21.45		
5	64QAM	1	0	21.77	21.96	21.77	22.9	2
5	64QAM	1	12	21.39	21.65	21.89		
5	64QAM	1	24	21.45	21.91	21.58		
5	64QAM	12	0	20.63	20.72	20.45	21.9	3
5	64QAM	12	7	20.60	20.60	20.54		
5	64QAM	12	13	20.56	20.66	20.49		
5	64QAM	25	0	20.50	20.61	20.53		
5	256QAM	1	0	18.70	18.77	18.72	19.9	5
5	256QAM	1	12	18.60	18.67	18.66		
5	256QAM	1	24	18.68	18.68	18.64		
5	256QAM	12	0	18.69	18.69	18.73	19.9	5
5	256QAM	12	7	18.61	18.68	18.72		
5	256QAM	12	13	18.65	18.55	18.58		
5	256QAM	25	0	18.64	18.67	18.68		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.69	23.84	23.68	24.9	0
3	QPSK	1	8	23.61	23.73	23.47		
3	QPSK	1	14	23.57	23.72	23.42		
3	QPSK	8	0	22.76	22.75	22.69	23.9	1
3	QPSK	8	4	22.58	22.80	22.60		
3	QPSK	8	7	22.63	22.73	22.49		
3	QPSK	15	0	22.74	22.79	22.59		
3	16QAM	1	0	23.01	22.91	22.59	23.9	1
3	16QAM	1	8	23.04	23.25	22.59		
3	16QAM	1	14	22.90	22.74	22.42		
3	16QAM	8	0	21.50	21.70	21.54	22.9	2
3	16QAM	8	4	21.55	21.70	21.56		
3	16QAM	8	7	21.54	21.66	21.45		
3	16QAM	15	0	21.53	21.75	21.46		
3	64QAM	1	0	21.77	22.00	21.71	22.9	2
3	64QAM	1	8	21.46	21.64	21.85		
3	64QAM	1	14	21.48	21.86	21.54		
3	64QAM	8	0	20.73	20.76	20.57	21.9	3
3	64QAM	8	4	20.56	20.73	20.57		
3	64QAM	8	7	20.46	20.67	20.49		
3	64QAM	15	0	20.57	20.68	20.53		
3	256QAM	1	0	18.74	18.79	18.73	19.9	5
3	256QAM	1	8	18.66	18.68	18.73		
3	256QAM	1	14	18.78	18.79	18.68		
3	256QAM	8	0	18.68	18.81	18.69	19.9	5
3	256QAM	8	4	18.63	18.57	18.70		
3	256QAM	8	7	18.72	18.68	18.60		
3	256QAM	15	0	18.74	18.61	18.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.75	23.74	23.78	24.9	0
1.4	QPSK	1	3	23.60	23.80	23.52		
1.4	QPSK	1	5	23.53	23.70	23.36		
1.4	QPSK	3	0	23.75	23.81	23.69		
1.4	QPSK	3	1	23.61	23.67	23.54		
1.4	QPSK	3	3	23.50	23.70	23.42		
1.4	QPSK	6	0	22.65	22.83	22.71	23.9	1
1.4	16QAM	1	0	22.52	22.74	22.60	23.9	1
1.4	16QAM	1	3	22.55	22.69	22.46		
1.4	16QAM	1	5	22.72	22.67	22.63		
1.4	16QAM	3	0	23.01	22.91	22.58		
1.4	16QAM	3	1	23.01	23.22	22.61		
1.4	16QAM	3	3	22.94	22.78	22.35		
1.4	16QAM	6	0	21.50	21.73	21.56	22.9	2
1.4	64QAM	1	0	21.55	21.82	21.47	22.9	2
1.4	64QAM	1	3	21.63	21.72	21.53		
1.4	64QAM	1	5	21.52	21.62	21.54		
1.4	64QAM	3	0	21.80	21.97	21.68		
1.4	64QAM	3	1	21.45	21.78	21.91		
1.4	64QAM	3	3	21.42	21.82	21.54		
1.4	64QAM	6	0	20.74	20.71	20.47	21.9	3
1.4	256QAM	1	0	18.78	18.72	18.77	19.9	5
1.4	256QAM	1	3	18.63	18.72	18.64		
1.4	256QAM	1	5	18.75	18.71	18.70		
1.4	256QAM	3	0	18.68	18.69	18.63		
1.4	256QAM	3	1	18.63	18.70	18.72		
1.4	256QAM	3	3	18.72	18.54	18.63		
1.4	256QAM	6	0	18.62	18.59	18.65	19.9	5

Band 66_Ant 11

BW [MHz]	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	18.31	18.33	18.30	19.4	0
20	QPSK	1	49	18.17	18.21	18.19		
20	QPSK	1	99	18.25	18.25	18.13		
20	QPSK	50	0	18.30	18.31	18.28	19.4	0
20	QPSK	50	24	18.18	18.18	18.17		
20	QPSK	50	50	18.27	18.17	18.16		
20	QPSK	100	0	18.28	18.30	18.27		
20	16QAM	1	0	18.22	18.27	18.16	19.4	0
20	16QAM	1	49	18.14	18.15	18.23		
20	16QAM	1	99	18.25	18.28	18.18		
20	16QAM	50	0	18.17	18.24	18.13	19.4	0
20	16QAM	50	24	18.18	18.21	18.23		
20	16QAM	50	50	18.16	18.16	18.15		
20	16QAM	100	0	18.17	18.20	18.14		
20	64QAM	1	0	18.16	18.22	18.17	19.4	0
20	64QAM	1	49	18.13	18.26	18.15		
20	64QAM	1	99	18.20	18.25	18.20		
20	64QAM	50	0	18.15	18.22	18.24	19.4	0
20	64QAM	50	24	18.22	18.22	18.23		
20	64QAM	50	50	18.25	18.25	18.25		
20	64QAM	100	0	18.27	18.21	18.22		
20	256QAM	1	0	18.16	18.15	18.19	19.4	0
20	256QAM	1	49	18.14	18.18	18.12		
20	256QAM	1	99	18.19	18.15	18.15		
20	256QAM	50	0	18.19	18.15	18.16	19.4	0
20	256QAM	50	24	18.20	18.29	18.14		
20	256QAM	50	50	18.13	18.19	18.23		
20	256QAM	100	0	18.23	18.29	18.24		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.22	18.18	18.13	19.4	0
15	QPSK	1	37	18.14	18.16	18.18		
15	QPSK	1	74	18.21	18.16	18.17		
15	QPSK	36	0	18.14	18.24	18.23	19.4	0
15	QPSK	36	20	18.25	18.21	18.13		
15	QPSK	36	39	18.27	18.27	18.21		
15	QPSK	75	0	18.23	18.17	18.24		
15	16QAM	1	0	18.19	18.20	18.17	19.4	0
15	16QAM	1	37	18.16	18.15	18.16		
15	16QAM	1	74	18.13	18.20	18.25		
15	16QAM	36	0	18.22	18.28	18.18	19.4	0
15	16QAM	36	20	18.18	18.16	18.17		
15	16QAM	36	39	18.27	18.17	18.18		
15	16QAM	75	0	18.14	18.15	18.16		
15	64QAM	1	0	18.21	18.24	18.20	19.4	0
15	64QAM	1	37	18.18	18.26	18.24		
15	64QAM	1	74	18.24	18.25	18.23		
15	64QAM	36	0	18.23	18.27	18.22	19.4	0
15	64QAM	36	20	18.25	18.17	18.22		
15	64QAM	36	39	18.27	18.29	18.16		
15	64QAM	75	0	18.26	18.25	18.17		
15	256QAM	1	0	18.23	18.16	18.24	19.4	0
15	256QAM	1	37	18.16	18.19	18.18		
15	256QAM	1	74	18.27	18.18	18.14		
15	256QAM	36	0	18.20	18.20	18.19	19.4	0
15	256QAM	36	20	18.23	18.17	18.13		
15	256QAM	36	39	18.20	18.22	18.13		
15	256QAM	75	0	18.23	18.29	18.26		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.15	18.29	18.16	19.4	0
10	QPSK	1	25	18.23	18.18	18.26		
10	QPSK	1	49	18.13	18.15	18.22		
10	QPSK	25	0	18.23	18.19	18.15	19.4	0
10	QPSK	25	12	18.26	18.24	18.14		
10	QPSK	25	25	18.16	18.20	18.25		
10	QPSK	50	0	18.14	18.15	18.15		
10	16QAM	1	0	18.27	18.22	18.20	19.4	0
10	16QAM	1	25	18.20	18.26	18.24		
10	16QAM	1	49	18.19	18.16	18.17		
10	16QAM	25	0	18.24	18.15	18.18	19.4	0
10	16QAM	25	12	18.15	18.18	18.21		
10	16QAM	25	25	18.19	18.29	18.24		
10	16QAM	50	0	18.27	18.24	18.18		
10	64QAM	1	0	18.17	18.20	18.26	19.4	0
10	64QAM	1	25	18.23	18.28	18.25		
10	64QAM	1	49	18.19	18.27	18.22		
10	64QAM	25	0	18.13	18.18	18.17	19.4	0
10	64QAM	25	12	18.13	18.25	18.12		
10	64QAM	25	25	18.17	18.27	18.15		
10	64QAM	50	0	18.18	18.21	18.26		
10	256QAM	1	0	18.22	18.22	18.26	19.4	0
10	256QAM	1	25	18.23	18.21	18.21		
10	256QAM	1	49	18.25	18.17	18.21		
10	256QAM	25	0	18.21	18.29	18.12	19.4	0
10	256QAM	25	12	18.17	18.26	18.26		
10	256QAM	25	25	18.18	18.25	18.15		
10	256QAM	50	0	18.23	18.21	18.20		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.25	18.20	18.13	19.4	0
5	QPSK	1	12	18.14	18.27	18.24		
5	QPSK	1	24	18.14	18.15	18.16		
5	QPSK	12	0	18.17	18.20	18.14	19.4	0
5	QPSK	12	7	18.17	18.19	18.25		
5	QPSK	12	13	18.24	18.25	18.24		
5	QPSK	25	0	18.20	18.17	18.15		
5	16QAM	1	0	18.17	18.16	18.16	19.4	0
5	16QAM	1	12	18.27	18.16	18.19		
5	16QAM	1	24	18.16	18.17	18.18		
5	16QAM	12	0	18.24	18.19	18.17	19.4	0
5	16QAM	12	7	18.25	18.29	18.20		
5	16QAM	12	13	18.27	18.18	18.22		
5	16QAM	25	0	18.15	18.19	18.17		
5	64QAM	1	0	18.25	18.20	18.20	19.4	0
5	64QAM	1	12	18.18	18.19	18.19		
5	64QAM	1	24	18.22	18.27	18.20		
5	64QAM	12	0	18.13	18.29	18.15	19.4	0
5	64QAM	12	7	18.24	18.19	18.18		
5	64QAM	12	13	18.16	18.26	18.19		
5	64QAM	25	0	18.21	18.24	18.17		
5	256QAM	1	0	18.16	18.19	18.25	19.4	0
5	256QAM	1	12	18.23	18.19	18.20		
5	256QAM	1	24	18.26	18.19	18.12		
5	256QAM	12	0	18.20	18.19	18.22	19.4	0
5	256QAM	12	7	18.20	18.15	18.12		
5	256QAM	12	13	18.13	18.15	18.15		
5	256QAM	25	0	18.15	18.22	18.23		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.18	18.25	18.22	19.4	0
3	QPSK	1	8	18.19	18.18	18.18		
3	QPSK	1	14	18.13	18.15	18.18		
3	QPSK	8	0	18.19	18.16	18.23	19.4	0
3	QPSK	8	4	18.26	18.18	18.26		
3	QPSK	8	7	18.21	18.16	18.22		
3	QPSK	15	0	18.15	18.27	18.21		
3	16QAM	1	0	18.23	18.18	18.18	19.4	0
3	16QAM	1	8	18.24	18.20	18.16		
3	16QAM	1	14	18.16	18.16	18.15		
3	16QAM	8	0	18.27	18.16	18.17	19.4	0
3	16QAM	8	4	18.14	18.20	18.18		
3	16QAM	8	7	18.26	18.19	18.16		
3	16QAM	15	0	18.23	18.26	18.15	19.4	0
3	64QAM	1	0	18.17	18.28	18.16		
3	64QAM	1	8	18.17	18.26	18.17		
3	64QAM	1	14	18.26	18.28	18.19		
3	64QAM	8	0	18.16	18.28	18.18	19.4	0
3	64QAM	8	4	18.18	18.20	18.26		
3	64QAM	8	7	18.14	18.18	18.18		
3	64QAM	15	0	18.21	18.19	18.14	19.4	0
3	256QAM	1	0	18.14	18.21	18.19		
3	256QAM	1	8	18.25	18.18	18.26		
3	256QAM	1	14	18.19	18.26	18.13		
3	256QAM	8	0	18.18	18.22	18.15	19.4	0
3	256QAM	8	4	18.24	18.23	18.19		
3	256QAM	8	7	18.27	18.16	18.25		
3	256QAM	15	0	18.25	18.24	18.24		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.18	18.29	18.15	19.4	0
1.4	QPSK	1	3	18.23	18.24	18.22		
1.4	QPSK	1	5	18.15	18.19	18.16		
1.4	QPSK	3	0	18.26	18.22	18.17		
1.4	QPSK	3	1	18.15	18.26	18.20		
1.4	QPSK	3	3	18.23	18.19	18.20		
1.4	QPSK	6	0	18.22	18.29	18.13	19.4	0
1.4	16QAM	1	0	18.21	18.29	18.19	19.4	0
1.4	16QAM	1	3	18.21	18.23	18.19		
1.4	16QAM	1	5	18.26	18.24	18.23		
1.4	16QAM	3	0	18.21	18.25	18.21		
1.4	16QAM	3	1	18.13	18.24	18.24		
1.4	16QAM	3	3	18.21	18.29	18.12		
1.4	16QAM	6	0	18.19	18.15	18.26	19.4	0
1.4	64QAM	1	0	18.19	18.25	18.22	19.4	0
1.4	64QAM	1	3	18.20	18.28	18.17		
1.4	64QAM	1	5	18.22	18.22	18.12		
1.4	64QAM	3	0	18.17	18.26	18.13		
1.4	64QAM	3	1	18.26	18.26	18.25		
1.4	64QAM	3	3	18.23	18.18	18.18		
1.4	64QAM	6	0	18.22	18.26	18.20	19.4	0
1.4	256QAM	1	0	18.26	18.19	18.12	19.4	0
1.4	256QAM	1	3	18.20	18.16	18.15		
1.4	256QAM	1	5	18.19	18.19	18.25		
1.4	256QAM	3	0	18.16	18.19	18.19		
1.4	256QAM	3	1	18.27	18.29	18.18		
1.4	256QAM	3	3	18.15	18.22	18.13		
1.4	256QAM	6	0	18.23	18.15	18.12	19.4	0

Band 38_Ant 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.57	15.58	15.55	16.7	0
20	QPSK	1	49	15.41	15.52	15.39		
20	QPSK	1	99	15.46	15.46	15.38		
20	QPSK	50	0	15.53	15.56	15.53	16.7	0
20	QPSK	50	24	15.53	15.53	15.42		
20	QPSK	50	50	15.51	15.44	15.44		
20	QPSK	100	0	15.53	15.55	15.51		
20	16QAM	1	0	15.49	15.41	15.52	16.7	0
20	16QAM	1	49	15.53	15.53	15.38		
20	16QAM	1	99	15.48	15.41	15.45		
20	16QAM	50	0	15.44	15.50	15.52	16.7	0
20	16QAM	50	24	15.54	15.41	15.45		
20	16QAM	50	50	15.42	15.51	15.47		
20	16QAM	100	0	15.50	15.46	15.48		
20	64QAM	1	0	15.41	15.42	15.43	16.7	0
20	64QAM	1	49	15.41	15.54	15.38		
20	64QAM	1	99	15.41	15.51	15.52		
20	64QAM	50	0	15.50	15.49	15.39	16.7	0
20	64QAM	50	24	15.49	15.47	15.41		
20	64QAM	50	50	15.54	15.43	15.40		
20	64QAM	100	0	15.52	15.42	15.48		
20	256QAM	1	0	15.40	15.43	15.45	16.7	0
20	256QAM	1	49	15.54	15.46	15.48		
20	256QAM	1	99	15.51	15.51	15.46		
20	256QAM	50	0	15.50	15.46	15.43	16.7	0
20	256QAM	50	24	15.48	15.55	15.41		
20	256QAM	50	50	15.53	15.47	15.52		
20	256QAM	100	0	15.49	15.49	15.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.43	15.53	15.41	16.7	0
15	QPSK	1	37	15.51	15.46	15.38		
15	QPSK	1	74	15.38	15.44	15.40		
15	QPSK	36	0	15.39	15.46	15.43	16.7	0
15	QPSK	36	20	15.47	15.47	15.47		
15	QPSK	36	39	15.43	15.44	15.47		
15	QPSK	75	0	15.39	15.44	15.37	16.7	0
15	16QAM	1	0	15.50	15.50	15.42		
15	16QAM	1	37	15.43	15.54	15.43		
15	16QAM	1	74	15.44	15.53	15.41		
15	16QAM	36	0	15.50	15.43	15.45	16.7	0
15	16QAM	36	20	15.45	15.52	15.44		
15	16QAM	36	39	15.43	15.49	15.49		
15	16QAM	75	0	15.50	15.51	15.36		
15	64QAM	1	0	15.52	15.40	15.38	16.7	0
15	64QAM	1	37	15.40	15.49	15.48		
15	64QAM	1	74	15.40	15.42	15.45		
15	64QAM	36	0	15.47	15.43	15.50	16.7	0
15	64QAM	36	20	15.39	15.46	15.46		
15	64QAM	36	39	15.43	15.42	15.36		
15	64QAM	75	0	15.42	15.48	15.50		
15	256QAM	1	0	15.38	15.53	15.45	16.7	0
15	256QAM	1	37	15.41	15.52	15.36		
15	256QAM	1	74	15.43	15.43	15.48		
15	256QAM	36	0	15.44	15.49	15.48	16.7	0
15	256QAM	36	20	15.50	15.41	15.50		
15	256QAM	36	39	15.49	15.41	15.37		
15	256QAM	75	0	15.52	15.43	15.42		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.40	15.50	15.38	16.7	0
10	QPSK	1	25	15.43	15.45	15.38		
10	QPSK	1	49	15.38	15.47	15.47		
10	QPSK	25	0	15.48	15.40	15.39	16.7	0
10	QPSK	25	12	15.47	15.49	15.39		
10	QPSK	25	25	15.41	15.43	15.38		
10	QPSK	50	0	15.47	15.52	15.46	16.7	0
10	16QAM	1	0	15.45	15.48	15.41		
10	16QAM	1	25	15.50	15.50	15.40		
10	16QAM	1	49	15.49	15.41	15.36		
10	16QAM	25	0	15.45	15.48	15.38	16.7	0
10	16QAM	25	12	15.48	15.42	15.47		
10	16QAM	25	25	15.43	15.54	15.43		
10	16QAM	50	0	15.52	15.42	15.37	16.7	0
10	64QAM	1	0	15.50	15.50	15.36		
10	64QAM	1	25	15.45	15.42	15.47		
10	64QAM	1	49	15.44	15.48	15.47		
10	64QAM	25	0	15.40	15.45	15.39	16.7	0
10	64QAM	25	12	15.41	15.41	15.42		
10	64QAM	25	25	15.51	15.49	15.46		
10	64QAM	50	0	15.38	15.45	15.38	16.7	0
10	256QAM	1	0	15.52	15.44	15.46		
10	256QAM	1	25	15.43	15.54	15.49		
10	256QAM	1	49	15.43	15.44	15.42		
10	256QAM	25	0	15.47	15.51	15.50	16.7	0
10	256QAM	25	12	15.42	15.51	15.38		
10	256QAM	25	25	15.39	15.49	15.50		
10	256QAM	50	0	15.52	15.40	15.49		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.48	15.47	15.43	16.7	0
5	QPSK	1	12	15.52	15.51	15.41		
5	QPSK	1	24	15.45	15.46	15.42		
5	QPSK	12	0	15.39	15.47	15.43	16.7	0
5	QPSK	12	7	15.38	15.45	15.45		
5	QPSK	12	13	15.50	15.46	15.39		
5	QPSK	25	0	15.46	15.46	15.45		
5	16QAM	1	0	15.39	15.41	15.47	16.7	0
5	16QAM	1	12	15.49	15.40	15.43		
5	16QAM	1	24	15.38	15.53	15.36		
5	16QAM	12	0	15.48	15.40	15.44	16.7	0
5	16QAM	12	7	15.41	15.51	15.45		
5	16QAM	12	13	15.39	15.49	15.46		
5	16QAM	25	0	15.49	15.44	15.38	16.7	0
5	64QAM	1	0	15.44	15.51	15.37		
5	64QAM	1	12	15.40	15.50	15.39		
5	64QAM	1	24	15.50	15.54	15.41		
5	64QAM	12	0	15.38	15.50	15.49	16.7	0
5	64QAM	12	7	15.52	15.41	15.50		
5	64QAM	12	13	15.47	15.51	15.38		
5	64QAM	25	0	15.50	15.45	15.43		
5	256QAM	1	0	15.50	15.44	15.43	16.7	0
5	256QAM	1	12	15.41	15.54	15.43		
5	256QAM	1	24	15.38	15.54	15.43		
5	256QAM	12	0	15.50	15.49	15.39	16.7	0
5	256QAM	12	7	15.46	15.45	15.42		
5	256QAM	12	13	15.48	15.51	15.46		
5	256QAM	25	0	15.43	15.46	15.39		

Band 38_Ant 31

BW [MHz]	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	23.31	23.36	23.24	24.5	0
20	QPSK	1	49	23.30	23.03	23.21		
20	QPSK	1	99	23.21	23.10	23.10		
20	QPSK	50	0	22.30	22.35	22.23	23.5	1
20	QPSK	50	24	22.27	22.01	22.09		
20	QPSK	50	50	22.28	22.11	22.07		
20	QPSK	100	0	22.28	22.31	22.21		
20	16QAM	1	0	22.20	22.06	22.14	23.5	1
20	16QAM	1	49	22.30	22.08	22.18		
20	16QAM	1	99	22.26	22.06	22.17		
20	16QAM	50	0	21.24	20.97	21.06	22.5	2
20	16QAM	50	24	21.28	21.11	21.17		
20	16QAM	50	50	21.23	21.08	21.16		
20	16QAM	100	0	21.22	21.03	21.10		
20	64QAM	1	0	20.97	20.69	20.76	22.5	2
20	64QAM	1	49	21.05	20.90	20.89		
20	64QAM	1	99	20.99	20.76	20.85		
20	64QAM	50	0	20.18	20.00	20.06	21.5	3
20	64QAM	50	24	20.26	20.04	20.17		
20	64QAM	50	50	20.20	20.02	20.11		
20	64QAM	100	0	20.19	19.99	20.05		
20	256QAM	1	0	18.07	18.08	18.05	19.5	5
20	256QAM	1	49	17.97	17.98	18.00		
20	256QAM	1	99	17.98	18.01	18.03		
20	256QAM	50	0	18.04	18.06	18.02	19.5	5
20	256QAM	50	24	17.98	18.06	17.93		
20	256QAM	50	50	17.97	18.04	17.93		
20	256QAM	100	0	18.02	17.94	17.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.20	23.30	23.11	24.5	0
15	QPSK	1	37	23.22	23.02	23.07		
15	QPSK	1	74	23.16	23.09	23.00		
15	QPSK	36	0	22.24	22.34	22.21	23.5	1
15	QPSK	36	20	22.25	21.96	22.05		
15	QPSK	36	39	22.15	22.00	21.97		
15	QPSK	75	0	22.20	22.21	22.09	23.5	1
15	16QAM	1	0	22.14	22.02	22.10		
15	16QAM	1	37	22.26	22.02	22.06		
15	16QAM	1	74	22.20	21.99	22.03		
15	16QAM	36	0	21.11	20.82	20.99	22.5	2
15	16QAM	36	20	21.15	20.99	21.13		
15	16QAM	36	39	21.09	21.03	21.03		
15	16QAM	75	0	21.21	20.97	21.03	22.5	2
15	64QAM	1	0	20.88	20.59	20.61		
15	64QAM	1	37	20.94	20.84	20.76		
15	64QAM	1	74	20.89	20.71	20.71		
15	64QAM	36	0	20.15	19.92	19.93	21.5	3
15	64QAM	36	20	20.23	19.91	20.14		
15	64QAM	36	39	20.13	19.97	20.01		
15	64QAM	75	0	20.14	19.93	19.93		
15	256QAM	1	0	17.93	17.95	17.97	19.5	5
15	256QAM	1	37	17.89	17.88	17.85		
15	256QAM	1	74	17.86	17.96	17.88		
15	256QAM	36	0	17.98	18.00	17.97	19.5	5
15	256QAM	36	20	17.87	17.96	17.88		
15	256QAM	36	39	17.96	17.89	17.89		
15	256QAM	75	0	17.95	17.83	17.85		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.16	23.28	23.13	24.5	0
10	QPSK	1	25	23.19	23.00	23.17		
10	QPSK	1	49	23.16	22.98	23.02		
10	QPSK	25	0	22.26	22.25	22.20	23.5	1
10	QPSK	25	12	22.15	21.97	22.04		
10	QPSK	25	25	22.20	22.09	22.06		
10	QPSK	50	0	22.25	22.24	22.18	23.5	1
10	16QAM	1	0	22.12	21.91	22.13		
10	16QAM	1	25	22.17	21.93	22.17		
10	16QAM	1	49	22.11	21.98	22.13		
10	16QAM	25	0	21.09	20.93	21.02	22.5	2
10	16QAM	25	12	21.20	21.02	21.06		
10	16QAM	25	25	21.13	21.05	21.04		
10	16QAM	50	0	21.17	20.99	20.95	22.5	2
10	64QAM	1	0	20.88	20.54	20.66		
10	64QAM	1	25	20.94	20.78	20.78		
10	64QAM	1	49	20.90	20.74	20.73		
10	64QAM	25	0	20.12	19.89	20.03	21.5	3
10	64QAM	25	12	20.23	19.94	20.10		
10	64QAM	25	25	20.13	19.91	19.99		
10	64QAM	50	0	20.09	19.92	20.01	21.5	3
10	256QAM	1	0	17.96	18.02	18.00	19.5	5
10	256QAM	1	25	17.91	17.92	17.96		
10	256QAM	1	49	17.83	17.94	17.91		
10	256QAM	25	0	17.90	17.99	17.91	19.5	5
10	256QAM	25	12	17.90	18.01	17.80		
10	256QAM	25	25	17.82	17.97	17.81		
10	256QAM	50	0	17.98	17.90	17.97	19.5	5
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.24	23.34	23.15	24.5	0
5	QPSK	1	12	23.24	23.00	23.19		
5	QPSK	1	24	23.16	23.08	23.07		
5	QPSK	12	0	22.22	22.22	22.18	23.5	1
5	QPSK	12	7	22.20	21.88	22.07		
5	QPSK	12	13	22.19	22.07	21.96		
5	QPSK	25	0	22.15	22.19	22.18	23.5	1
5	16QAM	1	0	22.09	21.98	22.12		
5	16QAM	1	12	22.25	21.96	22.11		
5	16QAM	1	24	22.22	21.97	22.06		
5	16QAM	12	0	21.19	20.87	21.02	22.5	2
5	16QAM	12	7	21.18	20.99	21.05		
5	16QAM	12	13	21.10	21.00	21.04		
5	16QAM	25	0	21.14	20.99	20.95	22.5	2
5	64QAM	1	0	20.83	20.62	20.61		
5	64QAM	1	12	21.02	20.89	20.79		
5	64QAM	1	24	20.94	20.68	20.81		
5	64QAM	12	0	20.03	19.99	19.96	21.5	3
5	64QAM	12	7	20.23	19.99	20.12		
5	64QAM	12	13	20.12	19.93	20.08		
5	64QAM	25	0	20.12	19.88	19.95	21.5	3
5	256QAM	1	0	17.96	18.02	18.04	19.5	5
5	256QAM	1	12	17.85	17.87	17.88		
5	256QAM	1	24	17.93	17.89	17.88		
5	256QAM	12	0	17.96	18.03	17.94	19.5	5
5	256QAM	12	7	17.95	18.02	17.84		
5	256QAM	12	13	17.83	18.02	17.90		
5	256QAM	25	0	17.87	17.93	17.97		

Band 38_Ant 11

BW [MHz]	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	16.78	16.80	16.77	18	0
20	QPSK	1	49	16.72	16.73	16.66		
20	QPSK	1	99	16.64	16.76	16.67		
20	QPSK	50	0	16.76	16.76	16.75	18	0
20	QPSK	50	24	16.66	16.75	16.71		
20	QPSK	50	50	16.69	16.77	16.73		
20	QPSK	100	0	16.75	16.76	16.73		
20	16QAM	1	0	16.61	16.67	16.63	18	0
20	16QAM	1	49	16.64	16.64	16.70		
20	16QAM	1	99	16.69	16.63	16.67		
20	16QAM	50	0	16.70	16.77	16.72	18	0
20	16QAM	50	24	16.62	16.71	16.70		
20	16QAM	50	50	16.75	16.66	16.65		
20	16QAM	100	0	16.70	16.75	16.60		
20	64QAM	1	0	16.73	16.73	16.73	18	0
20	64QAM	1	49	16.70	16.77	16.63		
20	64QAM	1	99	16.61	16.72	16.68		
20	64QAM	50	0	16.66	16.74	16.63	18	0
20	64QAM	50	24	16.70	16.64	16.65		
20	64QAM	50	50	16.74	16.67	16.63		
20	64QAM	100	0	16.70	16.64	16.62		
20	256QAM	1	0	16.75	16.64	16.71	18	0
20	256QAM	1	49	16.63	16.66	16.71		
20	256QAM	1	99	16.68	16.64	16.70		
20	256QAM	50	0	16.68	16.76	16.62	18	0
20	256QAM	50	24	16.73	16.73	16.72		
20	256QAM	50	50	16.71	16.73	16.72		
20	256QAM	100	0	16.75	16.64	16.68		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.67	16.64	16.62	18	0
15	QPSK	1	37	16.67	16.73	16.67		
15	QPSK	1	74	16.70	16.73	16.59		
15	QPSK	36	0	16.71	16.62	16.66	18	0
15	QPSK	36	20	16.70	16.73	16.61		
15	QPSK	36	39	16.74	16.67	16.65		
15	QPSK	75	0	16.70	16.73	16.70	18	0
15	16QAM	1	0	16.63	16.65	16.72		
15	16QAM	1	37	16.74	16.73	16.70		
15	16QAM	1	74	16.73	16.72	16.72		
15	16QAM	36	0	16.67	16.66	16.63	18	0
15	16QAM	36	20	16.68	16.72	16.58		
15	16QAM	36	39	16.68	16.73	16.59		
15	16QAM	75	0	16.63	16.72	16.64	18	0
15	64QAM	1	0	16.66	16.67	16.68		
15	64QAM	1	37	16.68	16.66	16.59		
15	64QAM	1	74	16.64	16.69	16.66	18	0
15	64QAM	36	0	16.68	16.62	16.68		
15	64QAM	36	20	16.66	16.66	16.66		
15	64QAM	36	39	16.72	16.75	16.61		
15	64QAM	75	0	16.66	16.74	16.67	18	0
15	256QAM	1	0	16.61	16.64	16.58		
15	256QAM	1	37	16.60	16.73	16.72		
15	256QAM	1	74	16.65	16.66	16.58	18	0
15	256QAM	36	0	16.71	16.68	16.58		
15	256QAM	36	20	16.69	16.63	16.66		
15	256QAM	36	39	16.62	16.61	16.65		
15	256QAM	75	0	16.65	16.64	16.59	18	0
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.70	16.70	16.59	18	0
10	QPSK	1	25	16.67	16.65	16.59		
10	QPSK	1	49	16.72	16.73	16.72		
10	QPSK	25	0	16.68	16.72	16.65	18	0
10	QPSK	25	12	16.71	16.63	16.64		
10	QPSK	25	25	16.63	16.67	16.64		
10	QPSK	50	0	16.74	16.70	16.63	18	0
10	16QAM	1	0	16.62	16.68	16.60		
10	16QAM	1	25	16.66	16.62	16.64		
10	16QAM	1	49	16.67	16.61	16.67		
10	16QAM	25	0	16.68	16.74	16.69	18	0
10	16QAM	25	12	16.67	16.61	16.58		
10	16QAM	25	25	16.72	16.70	16.61		
10	16QAM	50	0	16.64	16.67	16.60	18	0
10	64QAM	1	0	16.73	16.68	16.72		
10	64QAM	1	25	16.67	16.75	16.59		
10	64QAM	1	49	16.61	16.62	16.64		
10	64QAM	25	0	16.61	16.74	16.60	18	0
10	64QAM	25	12	16.67	16.66	16.62		
10	64QAM	25	25	16.63	16.62	16.61		
10	64QAM	50	0	16.70	16.70	16.58	18	0
10	256QAM	1	0	16.74	16.65	16.65		
10	256QAM	1	25	16.72	16.66	16.58		
10	256QAM	1	49	16.64	16.74	16.62		
10	256QAM	25	0	16.71	16.73	16.68	18	0
10	256QAM	25	12	16.67	16.70	16.66		
10	256QAM	25	25	16.62	16.64	16.70		
10	256QAM	50	0	16.60	16.68	16.68	18	0
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.73	16.61	16.63	18	0
5	QPSK	1	12	16.70	16.70	16.69		
5	QPSK	1	24	16.67	16.71	16.65		
5	QPSK	12	0	16.66	16.61	16.64	18	0
5	QPSK	12	7	16.73	16.75	16.58		
5	QPSK	12	13	16.73	16.67	16.70		
5	QPSK	25	0	16.61	16.62	16.66	18	0
5	16QAM	1	0	16.69	16.67	16.58		
5	16QAM	1	12	16.74	16.61	16.67		
5	16QAM	1	24	16.74	16.64	16.58		
5	16QAM	12	0	16.68	16.74	16.64	18	0
5	16QAM	12	7	16.67	16.72	16.66		
5	16QAM	12	13	16.71	16.63	16.71		
5	16QAM	25	0	16.65	16.68	16.58	18	0
5	64QAM	1	0	16.71	16.64	16.65		
5	64QAM	1	12	16.60	16.62	16.70		
5	64QAM	1	24	16.71	16.69	16.58		
5	64QAM	12	0	16.70	16.73	16.63	18	0
5	64QAM	12	7	16.62	16.73	16.58		
5	64QAM	12	13	16.74	16.64	16.69		
5	64QAM	25	0	16.69	16.75	16.64	18	0
5	256QAM	1	0	16.71	16.69	16.65		
5	256QAM	1	12	16.74	16.70	16.65		
5	256QAM	1	24	16.68	16.66	16.69		
5	256QAM	12	0	16.74	16.62	16.60	18	0
5	256QAM	12	7	16.66	16.66	16.66		
5	256QAM	12	13	16.65	16.65	16.59		
5	256QAM	25	0	16.69	16.66	16.60		

Band 41_Ant 13

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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	15.73	16.02	16.00	15.86	15.95		
20	QPSK	1	49	15.65	16.00	15.84	15.78	15.79	17	0
20	QPSK	1	99	15.67	15.90	15.89	15.72	15.85		
20	QPSK	50	0	15.71	16.01	15.96	15.86	15.93		
20	QPSK	50	24	15.58	15.87	15.93	15.71	15.88	17	0
20	QPSK	50	50	15.70	15.94	15.84	15.81	15.87		
20	QPSK	100	0	15.70	16.00	15.97	15.85	15.91		
20	16QAM	1	0	15.59	15.93	15.90	15.81	15.90		
20	16QAM	1	49	15.67	15.98	15.92	15.80	15.86	17	0
20	16QAM	1	99	15.63	15.87	15.88	15.77	15.87		
20	16QAM	50	0	15.56	15.94	15.96	15.76	15.86		
20	16QAM	50	24	15.59	15.93	15.83	15.74	15.86	17	0
20	16QAM	50	50	15.58	15.87	15.89	15.77	15.82		
20	16QAM	100	0	15.63	15.96	15.91	15.84	15.88		
20	64QAM	1	0	15.68	15.97	15.86	15.82	15.91		
20	64QAM	1	49	15.62	15.93	15.97	15.77	15.91	17	0
20	64QAM	1	99	15.64	15.90	15.88	15.73	15.81		
20	64QAM	50	0	15.69	15.87	15.88	15.75	15.83		
20	64QAM	50	24	15.59	15.88	15.85	15.83	15.80	17	0
20	64QAM	50	50	15.56	15.93	15.95	15.75	15.81		
20	64QAM	100	0	15.61	16.00	15.88	15.77	15.92		
20	256QAM	1	0	15.58	15.92	15.97	15.71	15.85		
20	256QAM	1	49	15.59	15.88	15.83	15.81	15.83	17	0
20	256QAM	1	99	15.63	15.89	15.83	15.85	15.91		
20	256QAM	50	0	15.56	15.97	15.94	15.75	15.81		
20	256QAM	50	24	15.63	15.95	15.85	15.81	15.79	17	0
20	256QAM	50	50	15.68	15.97	15.93	15.83	15.89		
20	256QAM	100	0	15.60	15.92	15.97	15.84	15.78		
Channel				39725	40113	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.64	15.92	15.90	15.70	15.89		
15	QPSK	1	37	15.68	15.96	15.95	15.71	15.78	17	0
15	QPSK	1	74	15.63	15.91	15.93	15.71	15.83		
15	QPSK	36	0	15.69	15.99	15.95	15.80	15.90		
15	QPSK	36	20	15.64	15.85	15.93	15.71	15.79	17	0
15	QPSK	36	39	15.59	15.96	15.92	15.73	15.90		
15	QPSK	75	0	15.61	15.94	15.94	15.72	15.83		
15	16QAM	1	0	15.59	15.93	15.94	15.77	15.87		
15	16QAM	1	37	15.55	15.95	15.88	15.73	15.86	17	0
15	16QAM	1	74	15.62	15.88	15.94	15.76	15.90		
15	16QAM	36	0	15.69	15.89	15.86	15.83	15.85		
15	16QAM	36	20	15.57	15.95	15.82	15.72	15.78	17	0
15	16QAM	36	39	15.68	15.97	15.96	15.71	15.86		
15	16QAM	75	0	15.57	15.91	15.95	15.79	15.89		
15	64QAM	1	0	15.55	15.86	15.86	15.72	15.89		
15	64QAM	1	37	15.60	15.92	15.90	15.70	15.88	17	0
15	64QAM	1	74	15.65	15.90	15.82	15.80	15.77		
15	64QAM	36	0	15.65	15.96	15.84	15.78	15.83		
15	64QAM	36	20	15.63	15.88	15.96	15.72	15.90	17	0
15	64QAM	36	39	15.62	15.85	15.85	15.82	15.79		
15	64QAM	75	0	15.62	15.97	15.94	15.79	15.81		
15	256QAM	1	0	15.68	15.91	15.82	15.75	15.80		
15	256QAM	1	37	15.69	15.89	15.82	15.78	15.76	17	0
15	256QAM	1	74	15.63	15.88	15.94	15.76	15.88		
15	256QAM	36	0	15.60	15.86	15.83	15.70	15.87		
15	256QAM	36	20	15.61	15.96	15.90	15.74	15.78	17	0
15	256QAM	36	39	15.63	15.97	15.87	15.70	15.89		
15	256QAM	75	0	15.58	15.93	15.85	15.82	15.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.55	15.87	15.89	15.79	15.80		
10	QPSK	1	25	15.58	15.90	15.89	15.71	15.77	17	0
10	QPSK	1	49	15.58	15.96	15.96	15.84	15.86		
10	QPSK	25	0	15.64	15.97	15.96	15.74	15.83		
10	QPSK	25	12	15.61	15.97	15.92	15.73	15.84	17	0
10	QPSK	25	25	15.57	15.87	15.86	15.78	15.76		
10	QPSK	50	0	15.59	15.99	15.85	15.71	15.81		
10	16QAM	1	0	15.56	15.87	15.82	15.84	15.90		
10	16QAM	1	25	15.56	15.96	15.96	15.75	15.82	17	0
10	16QAM	1	49	15.60	15.86	15.83	15.73	15.83		
10	16QAM	25	0	15.60	15.96	15.82	15.77	15.89		
10	16QAM	25	12	15.60	15.98	15.90	15.82	15.76	17	0
10	16QAM	25	25	15.57	15.97	15.92	15.73	15.80		
10	16QAM	50	0	15.59	15.92	15.82	15.73	15.88		
10	64QAM	1	0	15.68	15.88	15.85	15.83	15.89		
10	64QAM	1	25	15.65	15.94	15.92	15.74	15.78	17	0
10	64QAM	1	49	15.69	15.97	15.89	15.73	15.86		
10	64QAM	25	0	15.67	15.88	15.89	15.78	15.83		
10	64QAM	25	12	15.63	15.97	15.85	15.82	15.81	17	0
10	64QAM	25	25	15.67	15.85	15.94	15.79	15.89		
10	64QAM	50	0	15.60	15.92	15.83	15.80	15.88		
10	256QAM	1	0	15.66	15.92	15.91	15.75	15.86		
10	256QAM	1	25	15.61	15.90	15.87	15.72	15.86	17	0
10	256QAM	1	49	15.62	15.92	15.90	15.70	15.83		
10	256QAM	25	0	15.60	15.85	15.83	15.74	15.90		
10	256QAM	25	12	15.58	15.92	15.85	15.73	15.79	17	0
10	256QAM	25	25	15.65	15.91	15.92	15.70	15.78		
10	256QAM	50	0	15.67	15.87	15.83	15.77	15.83		
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	15.66	15.88	15.93	15.70	15.83		
5	QPSK	1	12	15.62	15.99	15.92	15.80	15.88	17	0
5	QPSK	1	24	15.55	15.95	15.87	15.76	15.77		
5	QPSK	12	0	15.58	15.86	15.82	15.74	15.86		
5	QPSK	12	7	15.60	15.90	15.94	15.81	15.87	17	0
5	QPSK	12	13	15.59	15.96	15.84	15.80	15.89		
5	QPSK	25	0	15.59	15.87	15.93	15.73	15.85		
5	16QAM	1	0	15.59	15.93	15.91	15.84	15.90		
5	16QAM	1	12	15.69	15.90	15.89	15.75	15.80	17	0
5	16QAM	1	24	15.59	15.88	15.84	15.80	15.81		
5	16QAM	12	0	15.58	15.96	15.96	15.78	15.77		
5	16QAM	12	7	15.55	15.88	15.90	15.76	15.83	17	0
5	16QAM	12	13	15.67	15.94	15.84	15.76	15.78		
5	16QAM	25	0	15.55	15.90	15.82	15.84	15.77		
5	64QAM	1	0	15.66	15.98	15.83	15.78	15.90		
5	64QAM	1	12	15.58	15.98	15.82	15.71	15.82	17	0
5	64QAM	1	24	15.64	15.96	15.88	15.70	15.82		
5	64QAM	12	0	15.61	15.92	15.93	15.71	15.90		
5	64QAM	12	7	15.57	15.93	15.86	15.72	15.80	17	0
5	64QAM	12	13	15.62	15.96	15.80	15.81	15.81		
5	64QAM	25	0	15.57	15.99	15.86	15.72	15.76		
5	256QAM	1	0	15.57	15.91	15.96	15.84	15.77		
5	256QAM	1	12	15.66	15.97	15.87	15.78	15.78	17	0
5	256QAM	1	24	15.58	15.88	15.85	15.81	15.85		
5	256QAM	12	0	15.56	15.93	15.84	15.71	15.88		
5	256QAM	12	7	15.64	15.88	15.87	15.77	15.89	17	0
5	256QAM	12	13	15.69	15.94	15.88	15.77	15.89		
5	256QAM	25	0	15.63	15.89	15.91	15.76	15.90		

Band 41_Ant 31

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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	23.90	24.05	23.83	23.87	24.00		
20	QPSK	1	49	23.87	24.04	23.80	23.84	23.88	25	0
20	QPSK	1	99	23.86	23.93	23.66	23.85	23.59		
20	QPSK	50	0	22.90	23.06	22.81	22.90	22.95		
20	QPSK	50	24	22.85	23.00	22.72	22.87	22.89	24	1
20	QPSK	50	50	22.85	22.99	22.76	22.85	22.77		
20	QPSK	100	0	22.87	22.98	22.78	22.86	22.85		
20	16QAM	1	0	22.84	22.86	22.59	22.79	22.79		
20	16QAM	1	49	22.90	23.00	22.70	22.80	22.79	24	1
20	16QAM	1	99	22.76	22.96	22.74	22.80	22.79		
20	16QAM	50	0	21.84	21.99	21.64	21.79	21.89		
20	16QAM	50	24	21.86	21.97	21.73	21.82	21.88	23	2
20	16QAM	50	50	21.85	21.96	21.78	21.88	21.78		
20	16QAM	100	0	21.84	21.94	21.72	21.86	21.76		
20	64QAM	1	0	21.52	21.56	21.31	21.47	21.46		
20	64QAM	1	49	21.66	21.73	21.42	21.65	21.71	23	2
20	64QAM	1	99	21.60	21.68	21.52	21.55	21.46		
20	64QAM	50	0	20.79	20.93	20.62	20.78	20.81		
20	64QAM	50	24	20.79	20.94	20.66	20.80	20.78	22	3
20	64QAM	50	50	20.85	20.96	20.68	20.82	20.74		
20	64QAM	100	0	20.84	20.93	20.71	20.82	20.75		
20	256QAM	1	0	18.90	19.06	18.81	18.90	18.95		
20	256QAM	1	49	18.80	19.02	18.72	18.76	18.81	20	5
20	256QAM	1	99	18.77	18.93	18.80	18.88	18.88		
20	256QAM	50	0	18.81	19.03	18.70	18.79	18.90		
20	256QAM	50	24	18.88	19.01	18.69	18.89	18.93	20	5
20	256QAM	50	50	18.80	19.05	18.76	18.84	18.86		
20	256QAM	100	0	18.83	18.92	18.72	18.77	18.84		
Channel				39725	40113	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.79	23.96	23.82	23.84	23.97		
15	QPSK	1	37	23.81	23.95	23.74	23.81	23.79	25	0
15	QPSK	1	74	23.84	23.79	23.51	23.73	23.52		
15	QPSK	36	0	22.81	23.04	22.74	22.89	22.82		
15	QPSK	36	20	22.81	22.91	22.70	22.83	22.79	24	1
15	QPSK	36	39	22.75	22.93	22.62	22.78	22.64		
15	QPSK	75	0	22.81	22.91	22.65	22.77	22.82		
15	16QAM	1	0	22.80	22.71	22.46	22.74	22.70		
15	16QAM	1	37	22.85	22.86	22.56	22.69	22.64	24	1
15	16QAM	1	74	22.61	22.89	22.60	22.70	22.67		
15	16QAM	36	0	21.82	21.84	21.57	21.69	21.82		
15	16QAM	36	20	21.78	21.95	21.64	21.69	21.87	23	2
15	16QAM	36	39	21.73	21.93	21.69	21.74	21.67		
15	16QAM	75	0	21.83	21.91	21.63	21.78	21.64		
15	64QAM	1	0	21.46	21.49	21.30	21.37	21.36		
15	64QAM	1	37	21.59	21.60	21.33	21.63	21.56	23	2
15	64QAM	1	74	21.53	21.66	21.44	21.52	21.45		
15	64QAM	36	0	20.67	20.86	20.59	20.77	20.68		
15	64QAM	36	20	20.71	20.80	20.64	20.70	20.75	22	3
15	64QAM	36	39	20.80	20.82	20.53	20.81	20.67		
15	64QAM	75	0	20.78	20.88	20.64	20.74	20.70		
15	256QAM	1	0	18.75	19.02	18.72	18.75	18.80		
15	256QAM	1	37	18.79	19.01	18.60	18.64	18.77	20	5
15	256QAM	1	74	18.72	18.90	18.74	18.80	18.76		
15	256QAM	36	0	18.72	18.90	18.65	18.64	18.85		
15	256QAM	36	20	18.75	18.92	18.61	18.83	18.91	20	5
15	256QAM	36	39	18.66	18.96	18.73	18.81	18.84		
15	256QAM	75	0	18.72	18.89	18.59	18.69	18.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.82	24.02	23.78	23.83	23.86		
10	QPSK	1	25	23.76	24.01	23.69	23.81	23.85	25	0
10	QPSK	1	49	23.82	23.92	23.60	23.80	23.48		
10	QPSK	25	0	22.75	23.02	22.77	22.77	22.92		
10	QPSK	25	12	22.80	22.96	22.69	22.76	22.71	24	1
10	QPSK	25	25	22.70	22.97	22.72	22.73	22.75		
10	QPSK	50	0	22.75	22.89	22.76	22.71	22.83		
10	16QAM	1	0	22.82	22.82	22.53	22.65	22.78		
10	16QAM	1	25	22.77	22.89	22.58	22.74	22.66	24	1
10	16QAM	1	49	22.66	22.95	22.59	22.70	22.71		
10	16QAM	25	0	21.81	21.89	21.63	21.70	21.78		
10	16QAM	25	12	21.72	21.96	21.71	21.76	21.84	23	2
10	16QAM	25	25	21.78	21.90	21.72	21.83	21.73		
10	16QAM	50	0	21.70	21.88	21.59	21.79	21.74		
10	64QAM	1	0	21.39	21.51	21.22	21.45	21.40		
10	64QAM	1	25	21.65	21.69	21.39	21.59	21.68	23	2
10	64QAM	1	49	21.45	21.65	21.45	21.52	21.34		
10	64QAM	25	0	20.77	20.91	20.58	20.77	20.68		
10	64QAM	25	12	20.70	20.79	20.64	20.69	20.71	22	3
10	64QAM	25	25	20.81	20.87	20.56	20.81	20.73		
10	64QAM	50	0	20.81	20.80	20.57	20.71	20.64		
10	256QAM	1	0	18.77	18.98	18.77	18.83	18.82		
10	256QAM	1	25	18.69	18.93	18.67	18.73	18.79	20	5
10	256QAM	1	49	18.69	18.83	18.73	18.83	18.96		
10	256QAM	25	0	18.71	18.90	18.59	18.74	18.88		
10	256QAM	25	12	18.77	18.91	18.67	18.74	18.79	20	5
10	256QAM	25	25	18.76	18.96	18.69	18.80	18.73		
10	256QAM	50	0	18.70	18.92	18.66	18.65	18.71		
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	23.89	23.90	23.78	23.73	23.95		
5	QPSK	1	12	23.84	23.90	23.72	23.81	23.77	25	0
5	QPSK	1	24	23.75	23.85	23.63	23.74	23.48		
5	QPSK	12	0	22.89	22.93	22.74	22.82	22.80		
5	QPSK	12	7	22.83	22.93	22.62	22.85	22.69	24	1
5	QPSK	12	13	22.82	22.87	22.67	22.76	22.76		
5	QPSK	25	0	22.85	22.95	22.76	22.84	22.84		
5	16QAM	1	0	22.69	22.79	22.58	22.73	22.78		
5	16QAM	1	12	22.84	22.98	22.55	22.75	22.77	24	1
5	16QAM	1	24	22.62	22.89	22.61	22.65	22.64		
5	16QAM	12	0	21.78	21.92	21.60	21.66	21.76		
5	16QAM	12	7	21.74	21.85	21.61	21.67	21.73	23	2
5	16QAM	12	13	21.74	21.88	21.67	21.79	21.70		
5	16QAM	25	0	21.79	21.88	21.69	21.71	21.63		
5	64QAM	1	0	21.37	21.44	21.24	21.43	21.31		
5	64QAM	1	12	21.54	21.71	21.39	21.60	21.62	23	2
5	64QAM	1	24	21.56	21.64	21.37	21.40	21.33		
5	64QAM	12	0	20.74	20.80	20.57	20.76	20.70		
5	64QAM	12	7	20.75	20.82	20.58	20.75	20.65	22	3
5	64QAM	12	13	20.79	20.85	20.61	20.75	20.88		
5	64QAM	25	0	20.83	20.91	20.69	20.80	20.69		
5	256QAM	1	0	18.76	18.96	18.71	18.78	18.88		
5	256QAM	1	12	18.71	18.98	18.68	18.68	18.78	20	5
5	256QAM	1	24	18.76	18.88	18.66	18.77	18.75		
5	256QAM	12	0	18.67	18.98	18.64	18.77	18.77		
5	256QAM	12	7	18.86	18.92	18.67	18.84	18.78	20	5
5	256QAM	12	13	18.75	18.93	18.62	18.73	18.80		
5	256QAM	25	0	18.76	18.77	18.61	18.65	18.83		

Band 41_Ant 11

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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	17.33	17.55	17.05	17.12	17.25		
20	QPSK	1	49	17.25	17.39	16.93	17.09	17.13	18.5	0
20	QPSK	1	99	17.24	17.50	16.93	16.98	17.11		
20	QPSK	50	0	17.31	17.53	17.03	17.11	17.23		
20	QPSK	50	24	17.29	17.44	16.92	17.09	17.16	18.5	0
20	QPSK	50	50	17.19	17.36	16.90	17.01	17.16		
20	QPSK	100	0	17.30	17.51	17.01	17.10	17.20		
20	16QAM	1	0	17.23	17.41	16.95	17.02	17.10		
20	16QAM	1	49	17.25	17.49	16.98	16.97	17.05	18.5	0
20	16QAM	1	99	17.19	17.38	16.97	17.06	17.06		
20	16QAM	50	0	17.26	17.44	16.94	17.02	17.12		
20	16QAM	50	24	17.24	17.48	16.90	17.04	17.10	18.5	0
20	16QAM	50	50	17.29	17.42	16.88	17.04	17.13		
20	16QAM	100	0	17.15	17.50	16.89	17.06	17.18		
20	64QAM	1	0	17.19	17.38	16.86	17.07	17.06		
20	64QAM	1	49	17.18	17.40	16.92	17.09	17.11	18.5	0
20	64QAM	1	99	17.29	17.44	16.87	17.08	17.08		
20	64QAM	50	0	17.27	17.48	16.98	16.99	17.19		
20	64QAM	50	24	17.29	17.46	16.99	17.09	17.15	18.5	0
20	64QAM	50	50	17.27	17.40	16.89	16.96	17.06		
20	64QAM	100	0	17.18	17.40	16.92	17.09	17.11		
20	256QAM	1	0	17.29	17.47	16.98	17.12	17.20		
20	256QAM	1	49	17.26	17.41	16.91	17.00	17.13	18.5	0
20	256QAM	1	99	17.23	17.46	16.91	17.07	17.06		
20	256QAM	50	0	17.19	17.32	16.84	17.06	17.07		
20	256QAM	50	24	17.23	17.44	16.96	17.07	17.10	18.5	0
20	256QAM	50	50	17.24	17.40	16.96	17.05	17.17		
20	256QAM	100	0	17.14	17.44	16.83	17.03	17.14		
Channel				39725	40113	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.17	17.45	16.91	16.97	17.18		
15	QPSK	1	37	17.23	17.47	16.88	16.97	17.12	18.5	0
15	QPSK	1	74	17.28	17.44	16.93	17.07	17.14		
15	QPSK	36	0	17.29	17.46	16.93	17.04	17.15		
15	QPSK	36	20	17.17	17.36	16.93	16.98	17.09	18.5	0
15	QPSK	36	39	17.15	17.46	16.99	17.09	17.11		
15	QPSK	75	0	17.27	17.46	16.87	16.96	17.17		
15	16QAM	1	0	17.24	17.46	16.86	17.03	17.06		
15	16QAM	1	37	17.26	17.46	16.97	17.02	17.13	18.5	0
15	16QAM	1	74	17.23	17.47	16.94	16.95	17.06		
15	16QAM	36	0	17.20	17.50	16.94	16.99	17.14		
15	16QAM	36	20	17.20	17.41	16.87	16.96	17.14	18.5	0
15	16QAM	36	39	17.17	17.42	16.88	16.97	17.05		
15	16QAM	75	0	17.15	17.37	16.89	17.05	17.12		
15	64QAM	1	0	17.20	17.37	16.99	16.99	17.16		
15	64QAM	1	37	17.27	17.48	16.88	17.04	17.11	18.5	0
15	64QAM	1	74	17.29	17.47	16.92	17.03	17.19		
15	64QAM	36	0	17.16	17.48	16.90	17.00	17.13		
15	64QAM	36	20	17.22	17.43	16.96	17.05	17.11	18.

Band 42 Part27Q_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.81	17.83	17.80		
20	QPSK	1	49	17.62	17.75	17.72	18.2	0
20	QPSK	1	99	17.65	17.73	17.69		
20	QPSK	50	0	17.80	17.81	17.78		
20	QPSK	50	24	17.61	17.63	17.63	18.2	0
20	QPSK	50	50	17.61	17.66	17.71		
20	QPSK	100	0	17.76	17.78	17.75		
20	16QAM	1	0	17.68	17.77	17.66		
20	16QAM	1	49	17.64	17.70	17.74	18.2	0
20	16QAM	1	99	17.65	17.71	17.65		
20	16QAM	50	0	17.72	17.70	17.67		
20	16QAM	50	24	17.74	17.75	17.61	18.2	0
20	16QAM	50	50	17.72	17.66	17.69		
20	16QAM	100	0	17.68	17.69	17.61		
20	64QAM	1	0	17.72	17.63	17.74		
20	64QAM	1	49	17.69	17.71	17.71	18.2	0
20	64QAM	1	99	17.70	17.72	17.67		
20	64QAM	50	0	17.73	17.63	17.74		
20	64QAM	50	24	17.68	17.70	17.67	18.2	0
20	64QAM	50	50	17.64	17.69	17.60		
20	64QAM	100	0	17.66	17.74	17.65		
20	256QAM	1	0	17.61	17.69	17.60		
20	256QAM	1	49	17.65	17.76	17.71	18.2	0
20	256QAM	1	99	17.62	17.67	17.69		
20	256QAM	50	0	17.62	17.76	17.74		
20	256QAM	50	24	17.70	17.75	17.71	18.2	0
20	256QAM	50	50	17.64	17.74	17.64		
20	256QAM	100	0	17.68	17.72	17.67		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.70	17.73	17.60	18.2	0
15	QPSK	1	37	17.70	17.68	17.62		
15	QPSK	1	74	17.75	17.75	17.72		
15	QPSK	36	0	17.71	17.77	17.64		
15	QPSK	36	20	17.70	17.76	17.61	18.2	0
15	QPSK	36	39	17.61	17.68	17.66		
15	QPSK	75	0	17.63	17.77	17.66		
15	16QAM	1	0	17.72	17.63	17.66		
15	16QAM	1	37	17.71	17.70	17.74	18.2	0
15	16QAM	1	74	17.74	17.76	17.65		
15	16QAM	36	0	17.73	17.69	17.60		
15	16QAM	36	20	17.65	17.65	17.60	18.2	0
15	16QAM	36	39	17.61	17.69	17.60		
15	16QAM	75	0	17.62	17.71	17.74		
15	64QAM	1	0	17.70	17.67	17.73		
15	64QAM	1	37	17.73	17.70	17.60	18.2	0
15	64QAM	1	74	17.64	17.74	17.61		
15	64QAM	36	0	17.64	17.65	17.60		
15	64QAM	36	20	17.64	17.75	17.74	18.2	0
15	64QAM	36	39	17.65	17.65	17.66		
15	64QAM	75	0	17.72	17.75	17.74		
15	256QAM	1	0	17.68	17.77	17.62		
15	256QAM	1	37	17.65	17.65	17.68	18.2	0
15	256QAM	1	74	17.74	17.76	17.67		
15	256QAM	36	0	17.63	17.67	17.65		
15	256QAM	36	20	17.73	17.76	17.72	18.2	0
15	256QAM	36	39	17.69	17.72	17.71		
15	256QAM	75	0	17.69	17.68	17.64		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.61	17.69	17.68	18.2	0
10	QPSK	1	25	17.69	17.63	17.66		
10	QPSK	1	49	17.62	17.65	17.74		
10	QPSK	25	0	17.72	17.72	17.65		
10	QPSK	25	12	17.70	17.64	17.74	18.2	0
10	QPSK	25	25	17.62	17.72	17.68		
10	QPSK	50	0	17.75	17.67	17.69		
10	16QAM	1	0	17.70	17.77	17.67		
10	16QAM	1	25	17.73	17.77	17.71	18.2	0
10	16QAM	1	49	17.61	17.63	17.67		
10	16QAM	25	0	17.62	17.72	17.64		
10	16QAM	25	12	17.67	17.68	17.62	18.2	0
10	16QAM	25	25	17.63	17.72	17.64		
10	16QAM	50	0	17.63	17.71	17.69		
10	64QAM	1	0	17.62	17.73	17.72		
10	64QAM	1	25	17.64	17.63	17.66	18.2	0
10	64QAM	1	49	17.66	17.65	17.66		
10	64QAM	25	0	17.74	17.68	17.73		
10	64QAM	25	12	17.61	17.70	17.61	18.2	0
10	64QAM	25	25	17.64	17.65	17.64		
10	64QAM	50	0	17.61	17.74	17.71		
10	256QAM	1	0	17.63	17.65	17.66		
10	256QAM	1	25	17.71	17.75	17.69	18.2	0
10	256QAM	1	49	17.67	17.67	17.67		
10	256QAM	25	0	17.67	17.73	17.69		
10	256QAM	25	12	17.64	17.72	17.71	18.2	0
10	256QAM	25	25	17.73	17.74	17.73		
10	256QAM	50	0	17.68	17.69	17.63		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.65	17.71	17.74	18.2	0
5	QPSK	1	12	17.73	17.67	17.66		
5	QPSK	1	24	17.65	17.74	17.67		
5	QPSK	12	0	17.68	17.63	17.73		
5	QPSK	12	7	17.66	17.72	17.74	18.2	0
5	QPSK	12	13	17.72	17.77	17.66		
5	QPSK	25	0	17.61	17.70	17.63		
5	16QAM	1	0	17.63	17.69	17.64		
5	16QAM	1	12	17.69	17.73	17.73	18.2	0
5	16QAM	1	24	17.64	17.74	17.61		
5	16QAM	12	0	17.66	17.73	17.74		
5	16QAM	12	7	17.74	17.76	17.68	18.2	0
5	16QAM	12	13	17.67	17.65	17.68		
5	16QAM	25	0	17.65	17.66	17.73		
5	64QAM	1	0	17.63	17.66	17.70		
5	64QAM	1	12	17.72	17.74	17.60	18.2	0
5	64QAM	1	24	17.75	17.72	17.74		
5	64QAM	12	0	17.75	17.63	17.73		
5	64QAM	12	7	17.75	17.74	17.73	18.2	0
5	64QAM	12	13	17.68	17.61	17.61		
5	64QAM	25	0	17.69	17.75	17.60		
5	256QAM	1	0	17.70	17.68	17.70		
5	256QAM	1	12	17.71	17.77	17.62	18.2	0
5	256QAM	1	24	17.70	17.72	17.65		
5	256QAM	12	0	17.70	17.75	17.60		
5	256QAM	12	7	17.61	17.70	17.69	18.2	0
5	256QAM	12	13	17.73	17.69	17.65		
5	256QAM	25	0	17.68	17.75	17.70		

Band 42 Part27Q_Ant 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.43	18.53	18.50		
20	QPSK	1	49	18.35	18.47	18.34	19	0
20	QPSK	1	99	18.39	18.42	18.42		
20	QPSK	50	0	18.41	18.51	18.48		
20	QPSK	50	24	18.35	18.45	18.34	19	0
20	QPSK	50	50	18.30	18.41	18.34		
20	QPSK	100	0	18.40	18.50	18.46		
20	16QAM	1	0	18.30	18.49	18.34		
20	16QAM	1	49	18.36	18.45	18.40	19	0
20	16QAM	1	99	18.29	18.40	18.33		
20	16QAM	50	0	18.36	18.35	18.41		
20	16QAM	50	24	18.32	18.38	18.41	19	0
20	16QAM	50	50	18.31	18.42	18.37		
20	16QAM	100	0	18.36	18.44	18.45		
20	64QAM	1	0	18.32	18.43	18.40		
20	64QAM	1	49	18.37	18.38	18.45	19	0
20	64QAM	1	99	18.34	18.36	18.42		
20	64QAM	50	0	18.35	18.35	18.35		
20	64QAM	50	24	18.31	18.39	18.34	19	0
20	64QAM	50	50	18.29	18.47	18.32		
20	64QAM	100	0	18.29	18.41	18.31		
20	256QAM	1	0	18.06	18.21	18.15		
20	256QAM	1	49	18.20	18.36	18.31	19	0
20	256QAM	1	99	18.08	18.27	18.20		
20	256QAM	50	0	18.30	18.47	18.40		
20	256QAM	50	24	18.35	18.50	18.46	19	0
20	256QAM	50	50	18.33	18.51	18.44		
20	256QAM	100	0	18.25	18.43	18.40		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.36	18.37	18.35		
15	QPSK	1	37	18.39	18.47	18.31	19	0
15	QPSK	1	74	18.32	18.42	18.41		
15	QPSK	36	0	18.26	18.48	18.40		
15	QPSK	36	20	18.27	18.41	18.34	19	0
15	QPSK	36	39	18.35	18.36	18.32		
15	QPSK	75	0	18.36	18.42	18.44		
15	16QAM	1	0	18.35	18.40	18.40		
15	16QAM	1	37	18.34	18.48	18.38	19	0
15	16QAM	1	74	18.31	18.47	18.35		
15	16QAM	36	0	18.26	18.45	18.40		
15	16QAM	36	20	18.31	18.44	18.34	19	0
15	16QAM	36	39	18.26	18.46	18.40		
15	16QAM	75	0	18.25	18.37	18.35		
15	64QAM	1	0	18.32	18.45	18.39		
15	64QAM	1	37	18.27	18.48	18.31	19	0
15	64QAM	1	74	18.36	18.46	18.38		
15	64QAM	36	0	18.26	18.42	18.39		
15	64QAM	36	20	18.34	18.47	18.42	19	0
15	64QAM	36	39	18.30	18.45	18.38		
15	64QAM	75	0	18.37	18.36	18.39		
15	256QAM	1	0	18.00	18.13	18.07		
15	256QAM	1	37	18.15	18.31	18.31	19	0
15	256QAM	1	74	17.99	18.21	18.15		
15	256QAM	36	0	18.20	18.40	18.25		
15	256QAM	36	20	18.28	18.50	18.33	19	0
15	256QAM	36	39	18.27	18.49	18.36		
15	256QAM	75	0	18.16	18.42	18.37		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.38	18.46	18.33	19	0
10	QPSK	1	25	18.26	18.37	18.32		
10	QPSK	1	49	18.29	18.35	18.36		
10	QPSK	25	0	18.33	18.42	18.44		
10	QPSK	25	12	18.28	18.39	18.37	19	0
10	QPSK	25	25	18.35	18.40	18.41		
10	QPSK	50	0	18.36	18.42	18.39		
10	16QAM	1	0	18.38	18.35	18.35		
10	16QAM	1	25	18.28	18.44	18.37	19	0
10	16QAM	1	49	18.38	18.46	18.35		
10	16QAM	25	0	18.30	18.49	18.39		
10	16QAM	25	12	18.27	18.44	18.40	19	0
10	16QAM	25	25	18.37	18.41	18.33		
10	16QAM	50	0	18.39	18.37	18.39		
10	64QAM	1	0	18.26	18.38	18.43		
10	64QAM	1	25	18.36	18.39	18.39	19	0
10	64QAM	1	49	18.28	18.40	18.33		
10	64QAM	25	0	18.30	18.36	18.41		
10	64QAM	25	12	18.25	18.37	18.31	19	0
10	64QAM	25	25	18.25	18.43	18.36		
10	64QAM	50	0	18.39	18.36	18.44		
10	256QAM	1	0	17.98	18.11	18.07		
10	256QAM	1	25	18.09	18.32	18.30	19	0
10	256QAM	1	49	18.04	18.27	18.14		
10	256QAM	25	0	18.30	18.38	18.35		
10	256QAM	25	12	18.30	18.37	18.43	19	0
10	256QAM	25	25	18.30	18.49	18.36		
10	256QAM	50	0	18.39	18.36	18.42		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.34	18.39	18.34	19	0
5	QPSK	1	12	18.34	18.40	18.33		
5	QPSK	1	24	18.26	18.36	18.35		
5	QPSK	12	0	18.26	18.43	18.33		
5	QPSK	12	7	18.36	18.36	18.43	19	0
5	QPSK	12	13	18.37	18.44	18.41		
5	QPSK	25	0	18.37	18.45	18.44		
5	16QAM	1	0	18.29	18.48	18.33		
5	16QAM	1	12	18.33	18.46	18.31	19	0
5	16QAM	1	24	18.35	18.45	18.42		
5	16QAM	12	0	18.30	18.35	18.35		
5	16QAM	12	7	18.39	18.37	18.43	19	0
5	16QAM	12	13	18.36	18.45	18.44		
5	16QAM	25	0	18.37	18.46	18.45		
5	64QAM	1	0	18.28	18.35	18.31		
5	64QAM	1	12	18.25	18.45	18.45	19	0
5	64QAM	1	24	18.33	18.35	18.36		
5	64QAM	12	0	18.34	18.42	18.43		
5	64QAM	12	7	18.37	18.36	18.45	19	0
5	64QAM	12	13	18.39	18.38	18.38		
5	64QAM	25	0	18.32	18.39	18.44		
5	256QAM	1	0	17.96	18.13	18.06		
5	256QAM	1	12	18.12	18.35	18.20	19	0
5	256QAM	1	24	18.01	18.26	18.07		
5	256QAM	12	0	18.23	18.32	18.28		
5	256QAM	12	7	18.24	18.37	18.45	19	0
5	256QAM	12	13	18.33	18.40	18.37		
5	256QAM	25	0	18.19	18.40	18.37		

Band 42 Part27Q_Ant 21

BW [MHz]	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	16.24	16.26	16.15		
20	QPSK	1	49	16.11	16.14	15.96	17	0
20	QPSK	1	99	16.19	16.16	16.08		
20	QPSK	50	0	16.21	16.25	16.13		
20	QPSK	50	24	16.14	16.14	16.08	17	0
20	QPSK	50	50	16.14	16.11	16.08		
20	QPSK	100	0	16.20	16.23	16.10		
20	16QAM	1	0	16.08	16.22	15.96		
20	16QAM	1	49	16.08	16.12	16.08	17	0
20	16QAM	1	99	16.17	16.15	16.03		
20	16QAM	50	0	16.19	16.10	15.98		
20	16QAM	50	24	16.14	16.22	15.95	17	0
20	16QAM	50	50	16.19	16.17	15.98		
20	16QAM	100	0	16.11	16.14	16.09		
20	64QAM	1	0	16.09	16.18	16.08		
20	64QAM	1	49	16.05	16.15	16.03	17	0
20	64QAM	1	99	16.14	16.13	16.08		
20	64QAM	50	0	16.17	16.18	16.08		
20	64QAM	50	24	16.15	16.13	16.06	17	0
20	64QAM	50	50	16.13	16.08	16.07		
20	64QAM	100	0	16.13	16.15	16.06		
20	256QAM	1	0	14.96	14.97	14.79		
20	256QAM	1	49	14.94	14.94	14.74	16	1
20	256QAM	1	99	14.89	14.92	14.75		
20	256QAM	50	0	15.11	15.15	14.94		
20	256QAM	50	24	15.16	15.18	15.00	16	1
20	256QAM	50	50	15.19	15.19	15.00		
20	256QAM	100	0	15.12	15.14	14.92		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	16.17	16.10	16.04		
15	QPSK	1	37	16.12	16.16	16.01	17	0
15	QPSK	1	74	16.17	16.08	16.00		
15	QPSK	36	0	16.17	16.18	16.05		
15	QPSK	36	20	16.07	16.16	16.04	17	0
15	QPSK	36	39	16.15	16.19	16.02		
15	QPSK	75	0	16.09	16.17	15.95		
15	16QAM	1	0	16.08	16.16	16.01		
15	16QAM	1	37	16.17	16.17	15.96	17	0
15	16QAM	1	74	16.19	16.10	15.96		
15	16QAM	36	0	16.18	16.18	16.06		
15	16QAM	36	20	16.11	16.08	16.05	17	0
15	16QAM	36	39	16.17	16.10	16.03		
15	16QAM	75	0	16.15	16.22	15.97		
15	64QAM	1	0	16.17	16.20	16.07		
15	64QAM	1	37	16.19	16.19	16.03	17	0
15	64QAM	1	74	16.14	16.12	15.98		
15	64QAM	36	0	16.11	16.15	15.96		
15	64QAM	36	20	16.18	16.19	15.95	17	0
15	64QAM	36	39	16.10	16.13	16.07		
15	64QAM	75	0	16.09	16.22	16.00		
15	256QAM	1	0	14.91	14.84	14.74		
15	256QAM	1	37	14.91	14.84	14.62	16	1
15	256QAM	1	74	14.84	14.92	14.71		
15	256QAM	36	0	15.01	15.07	14.86		
15	256QAM	36	20	15.03	15.03	14.86	16	1
15	256QAM	36	39	15.13	15.11	14.92		
15	256QAM	75	0	15.02	15.13	14.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	16.13	16.08	15.95	17	0
10	QPSK	1	25	16.12	16.15	16.00		
10	QPSK	1	49	16.09	16.18	16.04		
10	QPSK	25	0	16.19	16.16	15.96		
10	QPSK	25	12	16.12	16.22	15.95	17	0
10	QPSK	25	25	16.10	16.14	15.97		
10	QPSK	50	0	16.08	16.22	15.99		
10	16QAM	1	0	16.16	16.11	16.05		
10	16QAM	1	25	16.08	16.10	16.03	17	0
10	16QAM	1	49	16.05	16.12	15.98		
10	16QAM	25	0	16.17	16.14	16.09		
10	16QAM	25	12	16.11	16.20	16.01	17	0
10	16QAM	25	25	16.11	16.20	16.08		
10	16QAM	50	0	16.05	16.10	16.03		
10	64QAM	1	0	16.10	16.13	16.00		
10	64QAM	1	25	16.11	16.10	16.03	17	0
10	64QAM	1	49	16.08	16.10	16.00		
10	64QAM	25	0	16.07	16.16	16.09		
10	64QAM	25	12	16.08	16.11	15.96	17	0
10	64QAM	25	25	16.15	16.18	16.06		
10	64QAM	50	0	16.13	16.14	15.99		
10	256QAM	1	0	14.82	14.83	14.65		
10	256QAM	1	25	14.93	14.93	14.68	16	1
10	256QAM	1	49	14.86	14.92	14.73		
10	256QAM	25	0	14.99	15.01	14.85		
10	256QAM	25	12	15.10	15.13	14.98	16	1
10	256QAM	25	25	15.16	15.05	15.00		
10	256QAM	50	0	15.07	15.09	14.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	16.15	16.13	15.99	17	0
5	QPSK	1	12	16.10	16.09	15.98		
5	QPSK	1	24	16.18	16.15	16.08		
5	QPSK	12	0	16.16	16.19	16.04		
5	QPSK	12	7	16.10	16.14	15.98	17	0
5	QPSK	12	13	16.12	16.15	16.04		
5	QPSK	25	0	16.10	16.19	16.08		
5	16QAM	1	0	16.07	16.09	16.05		
5	16QAM	1	12	16.15	16.16	16.02	17	0
5	16QAM	1	24	16.19	16.12	16.09		
5	16QAM	12	0	16.05	16.16	16.06		
5	16QAM	12	7	16.10	16.11	15.99	17	0
5	16QAM	12	13	16.13	16.16	16.06		
5	16QAM	25	0	16.13	16.18	16.02		
5	64QAM	1	0	16.14	16.13	16.04		
5	64QAM	1	12	16.18	16.18	16.05	17	0
5	64QAM	1	24	16.10	16.09	16.07		
5	64QAM	12	0	16.13	16.13	15.98		
5	64QAM	12	7	16.18	16.11	16.07	17	0
5	64QAM	12	13	16.16	16.19	16.03		
5	64QAM	25	0	16.07	16.08	16.08		
5	256QAM	1	0	14.91	14.92	14.64		
5	256QAM	1	12	14.93	14.90	14.64	16	1
5	256QAM	1	24	14.89	14.88	14.73		
5	256QAM	12	0	15.03	15.06	14.81		
5	256QAM	12	7	15.12	15.12	15.00	16	1
5	256QAM	12	13	15.12	15.19	15.00		
5	256QAM	25	0	15.09	15.06	14.90		

Band 42 Part27Q_Ant 23

BW [MHz]	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	16.43	16.45	16.41		
20	QPSK	1	49	16.40	16.41	16.38	17	0
20	QPSK	1	99	16.34	16.33	16.30		
20	QPSK	50	0	16.35	16.36	16.34		
20	QPSK	50	24	16.34	16.34	16.33	17	0
20	QPSK	50	50	16.29	16.30	16.26		
20	QPSK	100	0	16.33	16.35	16.31		
20	16QAM	1	0	16.37	16.38	16.37		
20	16QAM	1	49	16.37	16.38	16.36	17	0
20	16QAM	1	99	16.38	16.40	16.40		
20	16QAM	50	0	16.30	16.36	16.35		
20	16QAM	50	24	16.38	16.41	16.40	17	0

Reduced Power Mode for ECI4

GSM850_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.00	32.14	32.12	33.20	23.00	23.14	23.12	24.20
GPRS/EDGE GMSK 1 Tx slot	31.97	32.12	32.10	33.20	22.97	23.12	23.10	24.20
GPRS/EDGE GMSK 2 Tx slots	30.34	30.50	30.49	31.20	24.34	24.50	24.49	25.20
GPRS/EDGE GMSK 3 Tx slots	28.19	28.38	28.39	29.20	23.93	24.12	24.13	24.94
GPRS/EDGE GMSK 4 Tx slots	26.54	26.75	26.76	27.70	23.54	23.75	23.76	24.70
EDGE 8PSK 1 Tx slot	26.73	26.72	26.64	27.70	17.73	17.72	17.64	18.70
EDGE 8PSK 2 Tx slots	24.48	24.59	24.48	25.70	18.48	18.59	18.48	19.70
EDGE 8PSK 3 Tx slots	22.25	22.41	22.21	23.70	17.99	18.15	17.95	19.44
EDGE 8PSK 4 Tx slots	20.50	20.54	20.38	22.20	17.50	17.54	17.38	19.20

GSM850_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.05	32.32	32.28	33.20	23.05	23.32	23.28	24.20
GPRS/EDGE GMSK 1 Tx slot	32.02	32.30	32.25	33.20	23.02	23.30	23.25	24.20
GPRS/EDGE GMSK 2 Tx slots	30.30	30.62	30.58	31.20	24.30	24.62	24.58	25.20
GPRS/EDGE GMSK 3 Tx slots	28.11	28.42	28.44	29.20	23.85	24.16	24.18	24.94
GPRS/EDGE GMSK 4 Tx slots	26.42	26.72	26.78	27.70	23.42	23.72	23.78	24.70
EDGE 8PSK 1 Tx slot	26.24	26.35	26.22	27.70	17.24	17.35	17.22	18.70
EDGE 8PSK 2 Tx slots	24.09	24.25	24.09	25.70	18.09	18.25	18.09	19.70
EDGE 8PSK 3 Tx slots	21.85	22.02	22.01	23.70	17.59	17.76	17.75	19.44
EDGE 8PSK 4 Tx slots	20.24	20.21	20.20	22.20	17.24	17.21	17.20	19.20

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.75	29.91	29.68	30.70	20.75	20.91	20.68	21.70
GPRS/EDGE GMSK 1 Tx slot	29.73	29.89	29.67	30.70	20.73	20.89	20.67	21.70
GPRS/EDGE GMSK 2 Tx slots	27.62	27.81	27.65	28.70	21.62	21.81	21.65	22.70
GPRS/EDGE GMSK 3 Tx slots	25.61	25.80	25.65	26.70	21.35	21.54	21.39	22.44
GPRS/EDGE GMSK 4 Tx slots	24.12	24.32	24.19	25.20	21.12	21.32	21.19	22.20
EDGE 8PSK 1 Tx slot	25.84	25.85	25.76	27.20	16.84	16.85	16.76	18.20
EDGE 8PSK 2 Tx slots	23.82	23.80	23.73	25.20	17.82	17.80	17.73	19.20
EDGE 8PSK 3 Tx slots	21.68	21.57	21.63	23.20	17.42	17.31	17.37	18.94
EDGE 8PSK 4 Tx slots	20.23	20.19	20.21	21.70	17.23	17.19	17.21	18.70

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.72	28.94	28.98	30.20	19.72	19.94	19.98	21.20
GPRS/EDGE GMSK 1 Tx slot	28.71	28.92	28.96	30.20	19.71	19.92	19.96	21.20
GPRS/EDGE GMSK 2 Tx slots	25.64	25.90	25.89	27.20	19.64	19.90	19.89	21.20
GPRS/EDGE GMSK 3 Tx slots	23.91	24.14	24.21	25.40	19.65	19.88	19.95	21.14
GPRS/EDGE GMSK 4 Tx slots	22.63	22.91	22.99	24.00	19.63	19.91	19.99	21.00
EDGE 8PSK 1 Tx slot	25.93	25.84	25.82	27.20	16.93	16.84	16.82	18.20
EDGE 8PSK 2 Tx slots	23.92	23.87	23.83	25.20	17.92	17.87	17.83	19.20
EDGE 8PSK 3 Tx slots	21.75	21.68	21.70	23.20	17.49	17.42	17.44	18.94
EDGE 8PSK 4 Tx slots	20.16	20.14	20.23	21.70	17.16	17.14	17.23	18.70

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	22.90	23.00	22.85	24.20	19.91	19.93	19.90	21.20
3GPP Rel 99	RMC 12.2Kbps	22.99	23.07	22.87	24.20	19.93	19.95	19.91	21.20
3GPP Rel 6	HSDPA Subtest-1	22.98	23.06	23.02	24.20	19.81	19.91	19.75	21.20
3GPP Rel 6	HSDPA Subtest-2	22.97	23.05	23.01	24.20	19.83	19.86	19.80	21.20
3GPP Rel 6	HSDPA Subtest-3	22.55	22.65	22.55	23.70	19.78	19.89	19.80	21.20
3GPP Rel 6	HSDPA Subtest-4	22.52	22.64	22.61	23.70	19.79	19.82	19.81	21.20
3GPP Rel 8	DC-HSDPA Subtest-1	22.93	23.01	23.02	24.20	19.89	19.79	19.89	21.20
3GPP Rel 8	DC-HSDPA Subtest-2	22.87	22.90	22.91	24.20	19.78	19.80	19.87	21.20
3GPP Rel 8	DC-HSDPA Subtest-3	22.40	22.51	22.45	23.70	19.76	19.87	19.84	21.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.47	22.52	22.59	23.70	19.76	19.78	19.88	21.20
3GPP Rel 6	HSUPA Subtest-1	21.03	21.14	21.07	22.20	19.81	19.91	19.82	21.20
3GPP Rel 6	HSUPA Subtest-2	21.04	21.14	21.08	22.20	19.89	19.86	19.76	21.20
3GPP Rel 6	HSUPA Subtest-3	22.05	22.14	22.08	23.20	19.87	19.89	19.81	21.20
3GPP Rel 6	HSUPA Subtest-4	20.56	20.64	20.53	21.70	19.78	19.83	19.80	21.20
3GPP Rel 6	HSUPA Subtest-5	22.05	22.15	22.10	23.20	19.90	19.91	19.76	21.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.96	20.08	20.04	21.20	19.87	19.85	19.81	21.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.60	23.92	23.84	24.70	21.03	21.05	21.01	22.20
3GPP Rel 99	RMC 12.2Kbps	23.65	23.95	23.89	24.70	21.05	21.07	21.04	22.20
3GPP Rel 6	HSDPA Subtest-1	23.63	23.92	23.87	24.70	20.96	20.92	20.98	22.20
3GPP Rel 6	HSDPA Subtest-2	23.63	23.92	23.88	24.70	20.96	20.99	20.86	22.20
3GPP Rel 6	HSDPA Subtest-3	23.13	23.49	23.37	24.20	20.96	20.90	20.86	22.20
3GPP Rel 6	HSDPA Subtest-4	23.12	23.39	23.37	24.20	20.97	21.02	20.87	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.80	23.78	24.70	20.94	20.93	20.87	22.20
3GPP Rel 8	DC-HSDPA Subtest-2	23.55	23.87	23.73	24.70	20.92	20.96	20.93	22.20
3GPP Rel 8	DC-HSDPA Subtest-3	23.05	23.41	23.25	24.20	21.01	21.03	20.86	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	23.01	23.31	23.27	24.20	20.89	20.98	20.91	22.20
3GPP Rel 6	HSUPA Subtest-1	21.61	21.92	21.81	22.70	20.99	20.97	21.00	22.20
3GPP Rel 6	HSUPA Subtest-2	21.65	21.95	21.87	22.70	21.00	20.91	20.96	22.20
3GPP Rel 6	HSUPA Subtest-3	22.62	22.94	22.87	23.70	21.02	20.98	20.98	22.20
3GPP Rel 6	HSUPA Subtest-4	21.16	21.51	21.34	22.20	20.97	20.90	20.98	22.20
3GPP Rel 6	HSUPA Subtest-5	22.60	22.90	22.80	23.70	20.99	20.92	20.94	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.33	20.49	20.16	21.70	20.31	20.26	20.22	21.70

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 31			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.58	23.60	23.57	24.70	23.80	23.80	23.73	24.70
3GPP Rel 99	RMC 12.2Kbps	23.61	23.64	23.59	24.70	23.82	23.83	23.76	24.70
3GPP Rel 6	HSDPA Subtest-1	23.59	23.62	23.57	24.70	23.79	23.76	23.74	24.70
3GPP Rel 6	HSDPA Subtest-2	23.60	23.63	23.58	24.70	23.80	23.82	23.71	24.70
3GPP Rel 6	HSDPA Subtest-3	23.16	23.22	23.12	24.20	23.32	23.37	23.25	24.20
3GPP Rel 6	HSDPA Subtest-4	23.13	23.18	23.09	24.20	23.29	23.32	23.20	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.54	23.45	24.70	23.64	23.64	23.73	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.45	23.49	23.45	24.70	23.71	23.70	23.67	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	23.09	23.11	22.97	24.20	23.26	23.27	23.18	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	23.03	23.09	22.95	24.20	23.23	23.19	23.15	24.20
3GPP Rel 6	HSUPA Subtest-1	21.64	21.65	21.62	22.70	21.78	21.81	21.72	22.70
3GPP Rel 6	HSUPA Subtest-2	21.65	21.70	21.63	22.70	21.80	21.79	21.77	22.70
3GPP Rel 6	HSUPA Subtest-3	22.66	22.70	22.61	23.70	22.80	22.77	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	21.16	21.18	21.19	22.20	21.32	21.31	21.23	22.20
3GPP Rel 6	HSUPA Subtest-5	22.58	22.72	22.60	23.70	22.80	22.82	22.70	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.98	20.24	20.08	21.70	20.08	20.23	20.20	21.70

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.82	23.83	23.81		
20	QPSK	1	49	23.73	23.80	23.79	24.7	0
20	QPSK	1	99	23.70	23.66	23.68		
20	QPSK	50	0	22.81	22.83	22.80		
20	QPSK	50	24	22.75	22.78	22.76	23.7	1
20	QPSK	50	50	22.73	22.74	22.76		
20	QPSK	100	0	22.74	22.81	22.76		
20	16QAM	1	0	22.99	23.05	22.99		
20	16QAM	1	49	23.00	23.01	23.07	23.7	1
20	16QAM	1	99	22.97	22.97	22.93		
20	16QAM	50	0	21.67	21.79	21.73		
20	16QAM	50	24	21.73	21.77	21.73	22.7	2
20	16QAM	50	50	21.68	21.73	21.67		
20	16QAM	100	0	21.67	21.75	21.71		
20	64QAM	1	0	21.84	21.94	21.77		
20	64QAM	1	49	21.81	21.93	21.89	22.7	2
20	64QAM	1	99	21.76	21.79	21.72		
20	64QAM	50	0	20.68	20.78	20.72		
20	64QAM	50	24	20.74	20.78	20.74	21.7	3
20	64QAM	50	50	20.68	20.74	20.65		
20	64QAM	100	0	20.67	20.76	20.70		
20	256QAM	1	0	18.83	18.85	18.81		
20	256QAM	1	49	18.71	18.75	18.80	19.7	5
20	256QAM	1	99	18.71	18.72	18.66		
20	256QAM	50	0	18.79	18.70	18.69		
20	256QAM	50	24	18.79	18.73	18.78	19.7	5
20	256QAM	50	50	18.75	18.76	18.69		
20	256QAM	100	0	18.73	18.80	18.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.78	23.70	23.78		
15	QPSK	1	37	23.67	23.70	23.71	24.7	0
15	QPSK	1	74	23.56	23.60	23.64		
15	QPSK	36	0	22.67	22.69	22.74		
15	QPSK	36	20	22.71	22.66	22.67	23.7	1
15	QPSK	36	39	22.69	22.68	22.70		
15	QPSK	75	0	22.73	22.77	22.69		
15	16QAM	1	0	22.96	22.92	21.84		
15	16QAM	1	37	22.93	22.87	23.05	23.7	1
15	16QAM	1	74	22.89	22.84	22.90		
15	16QAM	36	0	21.58	21.64	21.58		
15	16QAM	36	20	21.66	21.69	21.59	22.7	2
15	16QAM	36	39	21.61	21.57	21.60		
15	16QAM	75	0	21.61	21.72	21.60		
15	64QAM	1	0	21.75	21.85	21.72		
15	64QAM	1	37	21.70	21.80	21.75	22.7	2
15	64QAM	1	74	21.72	21.72	21.71		
15	64QAM	36	0	20.63	20.67	20.62		
15	64QAM	36	20	20.69	20.70	20.66	21.7	3
15	64QAM	36	39	20.61	20.59	20.58		
15	64QAM	75	0	20.63	20.68	20.69		
15	256QAM	1	0	18.77	18.76	18.66		
15	256QAM	1	37	18.68	18.63	18.78	19.7	5
15	256QAM	1	74	18.65	18.65	18.51		
15	256QAM	36	0	18.60	18.58	18.64		
15	256QAM	36	20	18.68	18.69	18.72	19.7	5
15	256QAM	36	39	18.73	18.64	18.55		
15	256QAM	75	0	18.60	18.69	18.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.77	23.82	23.75		
10	QPSK	1	25	23.66	23.71	23.75	24.7	0
10	QPSK	1	49	23.55	23.61	23.60		
10	QPSK	25	0	22.74	22.69	22.70		
10	QPSK	25	12	22.74	22.75	22.77	23.7	1
10	QPSK	25	25	22.58	22.66	22.75		
10	QPSK	50	0	22.69	22.72	22.62		
10	16QAM	1	0	22.92	22.97	22.84		
10	16QAM	1	25	22.91	22.99	23.03	23.7	1
10	16QAM	1	49	22.89	22.87	22.84		
10	16QAM	25	0	21.52	21.78	21.64		
10	16QAM	25	12	21.59	21.71	21.69	22.7	2
10	16QAM	25	25	21.57	21.60	21.58		
10	16QAM	50	0	21.53	21.71	21.68		
10	64QAM	1	0	21.71	21.86	21.64		
10	64QAM	1	25	21.68	21.82	21.85	22.7	2
10	64QAM	1	49	21.65	21.69	21.74		
10	64QAM	25	0	20.61	20.67	20.58		
10	64QAM	25	12	20.69	20.72	20.66	21.7	3
10	64QAM	25	25	20.56	20.65	20.55		
10	64QAM	50	0	20.67	20.73	20.63		
10	256QAM	1	0	18.75	18.84	18.71		
10	256QAM	1	25	18.57	18.63	18.73	19.7	5
10	256QAM	1	49	18.58	18.57	18.61		
10	256QAM	25	0	18.58	18.62	18.65		
10	256QAM	25	12	18.69	18.71	18.70	19.7	5
10	256QAM	25	25	18.70	18.73	18.59		
10	256QAM	50	0	18.71	18.75	18.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.81	23.77	23.67		
5	QPSK	1	12	23.58	23.67	23.70	24.7	0
5	QPSK	1	24	23.65	23.63	23.53		
5	QPSK	12	0	22.66	22.80	22.67		
5	QPSK	12	7	22.61	22.69	22.71	23.7	1
5	QPSK	12	13	22.70	22.70	22.71		
5	QPSK	25	0	22.61	22.70	22.62		
5	16QAM	1	0	22.90	23.02	22.94		
5	16QAM	1	12	22.91	22.94	22.92	23.7	1
5	16QAM	1	24	22.86	22.90	22.87		
5	16QAM	12	0	21.57	21.65	21.67		
5	16QAM	12	7	21.58	21.68	21.66	22.7	2
5	16QAM	12	13	21.58	21.70	21.64		
5	16QAM	25	0	21.64	21.68	21.58		
5	64QAM	1	0	21.72	21.86	21.74		
5	64QAM	1	12	21.69	21.82	21.88	22.7	2
5	64QAM	1	24	21.70	21.66	21.62		
5	64QAM	12	0	20.55	20.66	20.70		
5	64QAM	12	7	20.73	20.68	20.60	21.7	3
5	64QAM	12	13	20.59	20.60	20.61		
5	64QAM	25	0	20.60	20.69	20.57		
5	256QAM	1	0	18.71	18.70	18.69		
5	256QAM	1	12	18.58	18.64	18.79	19.7	5
5	256QAM	1	24	18.69	18.67	18.61		
5	256QAM	12	0	18.68	18.59	18.65		
5	256QAM	12	7	18.77	18.64	18.66	19.7	5
5	256QAM	12	13	18.62	18.62	18.65		
5	256QAM	25	0	18.68	18.73	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.76	23.76	23.72		
3	QPSK	1	8	23.68	23.74	23.78	24.7	0
3	QPSK	1	14	23.66	23.64	23.64		
3	QPSK	8	0	22.75	22.80	22.71		
3	QPSK	8	4	22.69	22.77	22.69	23.7	1
3	QPSK	8	7	22.68	22.73	22.65		
3	QPSK	15	0	22.67	22.66	22.69		
3	16QAM	1	0	22.92	23.00	22.97		
3	16QAM	1	8	22.91	22.92	22.98	23.7	1
3	16QAM	1	14	22.92	22.88	22.84		
3	16QAM	8	0	21.66	21.77	21.62		
3	16QAM	8	4	21.66	21.70	21.71	22.7	2
3	16QAM	8	7	21.64	21.65	21.65		
3	16QAM	15	0	21.65	21.74	21.63		
3	64QAM	1	0	21.72	21.80	21.75		
3	64QAM	1	8	21.70	21.83	21.83	22.7	2
3	64QAM	1	14	21.70	21.78	21.65		
3	64QAM	8	0	20.54	20.68	20.70		
3	64QAM	8	4	20.62	20.63	20.60	21.7	3
3	64QAM	8	7	20.61	20.62	20.52		
3	64QAM	15	0	20.66	20.62	20.57		
3	256QAM	1	0	18.82	18.70	18.73		
3	256QAM	1	8	18.67	18.62	18.75	19.7	5
3	256QAM	1	14	18.64	18.58	18.63		
3	256QAM	8	0	18.69	18.55	18.61		
3	256QAM	8	4	18.75	18.72	18.69	19.7	5
3	256QAM	8	7	18.64	18.75	18.59		
3	256QAM	15	0	18.58	18.72	18.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.73	23.76	23.72		
1.4	QPSK	1	3	23.68	23.66	23.64		
1.4	QPSK	1	5	23.68	23.67	23.63	24.7	0
1.4	QPSK	3	0	23.73	23.68	23.78		
1.4	QPSK	3	1	23.66	23.77	23.64		
1.4	QPSK	3	3	23.66	23.53	23.61		
1.4	QPSK	6	0	22.69	22.69	22.69	23.7	1
1.4	16QAM	1	0	22.67	22.63	22.67		
1.4	16QAM	1	3	22.62	22.73	22.65		
1.4	16QAM	1	5	22.68	22.80	22.73	23.7	1
1.4	16QAM	3	0	22.96	22.94	22.91		
1.4	16QAM	3	1	22.99	22.92	22.97		
1.4	16QAM	3	3	22.96	22.94	22.80		
1.4	16QAM	6	0	21.55	21.65	21.62	22.7	2
1.4	64QAM	1	0	21.67	21.85	21.65		
1.4	64QAM	1	3	21.60	21.71	21.56		
1.4	64QAM	1	5	21.54	21.72	21.59	22.7	2
1.4	64QAM	3	0	21.71	21.79	21.62		
1.4	64QAM	3	1	21.64	21.82	21.82		
1.4	64QAM	3	3	21.62	21.74	21.73		
1.4	64QAM	6	0	20.61	20.70	20.59	21.7	3
1.4	256QAM	1	0	18.73	18.70	18.68		
1.4	256QAM	1	3	18.57	18.66	18.69		
1.4	256QAM	1	5	18.61	18.58	18.54	19.7	5
1.4	256QAM	3	0	18.62	18.58	18.55		
1.4	256QAM	3	1	18.76	18.68	18.66		
1.4	256QAM	3	3	18.62	18.66	18.66		
1.4	256QAM	6	0	18.62	18.69	18.72	19.7	5

Band 2_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.89	19.90	19.87		
20	QPSK	1	49	19.81	19.72	19.71	21	0
20	QPSK	1	99	19.82	19.80	19.80		
20	QPSK	50	0	19.67	19.68	19.65		
20	QPSK	50	24	19.70	19.75	19.81	21	0
20	QPSK	50	50	19.84	19.81	19.70		
20	QPSK	100	0	19.85	19.86	19.83		
20	16QAM	1	0	19.82	19.75	19.74		
20	16QAM	1	49	19.78	19.72	19.76	21	0
20	16QAM	1	99	19.75	19.82	19.71		
20	16QAM	50	0	19.83	19.73	19.77		
20	16QAM	50	24	19.70	19.84	19.79	21	0
20	16QAM	50	50	19.82	19.73	19.71		
20	16QAM	100	0	19.80	19.84	19.81		
20	64QAM	1	0	19.77	19.77	19.73		
20	64QAM	1	49	19.70	19.77	19.80	21	0
20	64QAM	1	99	19.78	19.77	19.72		
20	64QAM	50	0	19.71	19.78	19.72		
20	64QAM	50	24	19.74	19.84	19.75	21	0
20	64QAM	50	50	19.82	19.74	19.75		
20	64QAM	100	0	19.82	19.73	19.70		
20	256QAM	1	0	18.36	18.38	18.35		
20	256QAM	1	49	18.26	18.37	18.26	19.5	1.5
20	256QAM	1	99	18.28	18.37	18.22		
20	256QAM	50	0	18.30	18.32	18.29		
20	256QAM	50	24	18.24	18.26	18.34	19.5	1.5
20	256QAM	50	50	18.31	18.37	18.34		
20	256QAM	100	0	18.26	18.34	18.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.81	19.82	19.80		
15	QPSK	1	37	19.81	19.79	19.79	21	0
15	QPSK	1	74	19.77	19.79	19.69		
15	QPSK	36	0	19.82	19.76	19.78		
15	QPSK	36	20	19.73	19.85	19.73	21	0
15	QPSK	36	39	19.73	19.80	19.73		
15	QPSK	75	0	19.74	19.83	19.81		
15	16QAM	1	0	19.79	19.81	19.73		
15	16QAM	1	37	19.79	19.81	19.73	21	0
15	16QAM	1	74	19.70	19.80	19.79		
15	16QAM	36	0	19.76	19.73	19.74		
15	16QAM	36	20	19.83	19.74	19.69	21	0
15	16QAM	36	39	19.71	19.82	19.71		
15	16QAM	75	0	19.73	19.82	19.68		
15	64QAM	1	0	19.79	19.80	19.75		
15	64QAM	1	37	19.83	19.72	19.76	21	0
15	64QAM	1	74	19.73	19.77	19.70		
15	64QAM	36	0	19.82	19.82	19.72		
15	64QAM	36	20	19.79	19.83	19.79	21	0
15	64QAM	36	39	19.81	19.84	19.80		
15	64QAM	75	0	19.70	19.84	19.68		
15	256QAM	1	0	18.34	18.37	18.29		
15	256QAM	1	37	18.24	18.22	18.19	19.5	1.5
15	256QAM	1	74	18.27	18.26	18.08		
15	256QAM	36	0	18.18	18.26	18.17		
15	256QAM	36	20	18.14	18.12	18.33	19.5	1.5
15	256QAM	36	39	18.21	18.24	18.29		
15	256QAM	75	0	18.11	18.26	18.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.72	19.80	19.82		
10	QPSK	1	25	19.82	19.74	19.79	21	0
10	QPSK	1	49	19.83	19.73	19.81		
10	QPSK	25	0	19.77	19.71	19.72		
10	QPSK	25	12	19.75	19.72	19.74	21	0
10	QPSK	25	25	19.77	19.82	19.82		
10	QPSK	50	0	19.72	19.74	19.78		
10	16QAM	1	0	19.78	19.78	19.73		
10	16QAM	1	25	19.80	19.80	19.79	21	0
10	16QAM	1	49	19.77	19.78	19.69		
10	16QAM	25	0	19.83	19.75	19.75		
10	16QAM	25	12	19.81	19.73	19.79	21	0
10	16QAM	25	25	19.73	19.85	19.68		
10	16QAM	50	0	19.81	19.72	19.82		
10	64QAM	1	0	19.84	19.75	19.75		
10	64QAM	1	25	19.70	19.79	19.70	21	0
10	64QAM	1	49	19.73	19.80	19.78		
10	64QAM	25	0	19.81	19.80	19.75		
10	64QAM	25	12	19.75	19.82	19.81	21	0
10	64QAM	25	25	19.82	19.83	19.80		
10	64QAM	50	0	19.71	19.81	19.75		
10	256QAM	1	0	18.26	18.23	18.28		
10	256QAM	1	25	18.23	18.35	18.11	19.5	1.5
10	256QAM	1	49	18.16	18.34	18.14		
10	256QAM	25	0	18.16	18.19	18.22		
10	256QAM	25	12	18.19	18.14	18.22	19.5	1.5
10	256QAM	25	25	18.21	18.35	18.26		
10	256QAM	50	0	18.22	18.27	18.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.79	19.77	19.80		
5	QPSK	1	12	19.83	19.80	19.71	21	0
5	QPSK	1	24	19.77	19.75	19.78		
5	QPSK	12	0	19.86	19.81	19.74		
5	QPSK	12	7	19.82	19.77	19.76	21	0
5	QPSK	12	13	19.74	19.73	19.81		
5	QPSK	25	0	19.75	19.85	19.70		
5	16QAM	1	0	19.73	19.80	19.77		
5	16QAM	1	12	19.74	19.73	19.74	21	0
5	16QAM	1	24	19.84	19.81	19.70		
5	16QAM	12	0	19.75	19.77	19.76		
5	16QAM	12	7	19.84	19.75	19.68	21	0
5	16QAM	12	13	19.70	19.74	19.79		
5	16QAM	25	0	19.71	19.73	19.69		
5	64QAM	1	0	19.74	19.77	19.74		
5	64QAM	1	12	19.80	19.80	19.80	21	0
5	64QAM	1	24	19.70	19.78	19.73		
5	64QAM	12	0	19.71	19.81	19.78		
5	64QAM	12	7	19.73	19.72	19.76	21	0
5	64QAM	12	13	19.78	19.79	19.76		
5	64QAM	25	0	19.76	19.82	19.74		
5	256QAM	1	0	18.30	18.34	18.26		
5	256QAM	1	12	18.12	18.36	18.17	19.5	1.5
5	256QAM	1	24	18.13	18.26	18.14		
5	256QAM	12	0	18.29	18.30	18.28		
5	256QAM	12	7	18.13	18.14	18.24	19.5	1.5
5	256QAM	12	13	18.21	18.26	18.24		
5	256QAM	25	0	18.18	18.30	18.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.74	19.82	19.73		
3	QPSK	1	8	19.77	19.71	19.75	21	0
3	QPSK	1	14	19.83	19.75	19.71		
3	QPSK	8	0	19.79	19.74	19.75		
3	QPSK	8	4	19.71	19.84	19.71	21	0
3	QPSK	8	7	19.84	19.76	19.75		
3	QPSK	15	0	19.76	19.76	19.82		
3	16QAM	1	0	19.73	19.80	19.71		
3	16QAM	1	8	19.76	19.83	19.79	21	0
3	16QAM	1	14	19.80	19.73	19.80		
3	16QAM	8	0	19.70	19.78	19.69		
3	16QAM	8	4	19.73	19.82	19.70	21	0
3	16QAM	8	7	19.80	19.81	19.68		
3	16QAM	15	0	19.76	19.78	19.79		
3	64QAM	1	0	19.76	19.85	19.68		
3	64QAM	1	8	19.70	19.80	19.74	21	0
3	64QAM	1	14	19.76	19.83	19.69		
3	64QAM	8	0	19.73	19.80	19.70		
3	64QAM	8	4	19.70	19.78	19.82	21	0
3	64QAM	8	7	19.80	19.73	19.78		
3	64QAM	15	0	19.78	19.73	19.77		
3	256QAM	1	0	18.29	18.28	18.34		
3	256QAM	1	8	18.19	18.25	18.24	19.5	1.5
3	256QAM	1	14	18.16	18.26	18.16		
3	256QAM	8	0	18.18	18.25	18.15		
3	256QAM	8	4	18.17	18.19	18.19	19.5	1.5
3	256QAM	8	7	18.20	18.26	18.26		
3	256QAM	15	0	18.25	18.32	18.17		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.80	19.72	19.80		
1.4	QPSK	1	3	19.80	19.80	19.79		
1.4	QPSK	1	5	19.77	19.81	19.77	21	0
1.4	QPSK	3	0	19.74	19.82	19.81		
1.4	QPSK	3	1	19.74	19.76	19.71		
1.4	QPSK	3	3	19.72	19.83	19.78		
1.4	QPSK	6	0	19.70	19.71	19.69	21	0
1.4	16QAM	1	0	19.82	19.77	19.68		
1.4	16QAM	1	3	19.75	19.80	19.81		
1.4	16QAM	1	5	19.75	19.82	19.77	21	0
1.4	16QAM	3	0	19.82	19.74	19.78		
1.4	16QAM	3	1	19.83	19.73	19.73		
1.4	16QAM	3	3	19.74	19.79	19.79		
1.4	16QAM	6	0	19.80	19.73	19.79	21	0
1.4	64QAM	1	0	19.70	19.77	19.61		
1.4	64QAM	1	3	19.71	19.77	19.75		
1.4	64QAM	1	5	19.70	19.80	19.70	21	0
1.4	64QAM	3	0	19.78	19.73	19.78		
1.4	64QAM	3	1	19.78	19.76	19.76		
1.4	64QAM	3	3	19.83	19.76	19.73		
1.4	64QAM	6	0	19.84	19.71	19.77	21	0
1.4	256QAM	1	0	18.30	18.25	18.32		
1.4	256QAM	1	3	18.20	18.23	18.22		
1.4	256QAM	1	5	18.13	18.33	18.20	19.5	1.5
1.4	256QAM	3	0	18.23	18.30	18.27		
1.4	256QAM	3	1	18.13	18.17	18.21		
1.4	256QAM	3	3	18.18	18.25	18.33		
1.4	256QAM	6	0	18.16	18.23	18.14	19.5	1.5

Band 2_Ant 11

BW [MHz]	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	22.80	22.92	22.88		
20	QPSK	1	49	22.74	22.85	22.79	24.6	0
20	QPSK	1	99	22.78	22.89	22.87		
20	QPSK	50	0	21.70	21.82	21.78		
20	QPSK	50	24	21.62	21.74	21.73	23.6	1
20	QPSK	50	50	21.69	21.79	21.73		
20	QPSK	100	0	21.67	21.77	21.73		
20	16QAM	1	0	21.78	21.91	21.86		
20	16QAM	1	49	21.92	22.01	21.96	23.6	1
20	16QAM	1	99	21.84	21.94	21.92		
20

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.28	21.30	21.26		
20	QPSK	1	49	21.24	21.25	21.13	22.4	0
20	QPSK	1	99	21.16	21.25	21.20		
20	QPSK	50	0	21.27	21.28	21.25		
20	QPSK	50	24	21.16	21.20	21.20	22.4	0
20	QPSK	50	50	21.14	21.11	21.13		
20	QPSK	100	0	21.25	21.26	21.23		
20	16QAM	1	0	21.12	21.23	21.09		
20	16QAM	1	49	21.15	21.15	21.20	22.4	0
20	16QAM	1	99	21.16	21.23	21.09		
20	16QAM	50	0	21.13	21.15	21.21		
20	16QAM	50	24	21.10	21.23	21.19	22.4	0
20	16QAM	50	50	21.19	21.11	21.11		
20	16QAM	100	0	21.20	21.11	21.20		
20	64QAM	1	0	21.19	21.22	21.17		
20	64QAM	1	49	21.13	21.12	21.12	22.4	0
20	64QAM	1	99	21.18	21.17	21.14		
20	64QAM	50	0	20.61	20.70	20.67		
20	64QAM	50	24	20.62	20.68	20.66	21.9	0.5
20	64QAM	50	50	20.58	20.61	20.60		
20	64QAM	100	0	20.65	20.71	20.64		
20	256QAM	1	0	18.75	18.76	18.73		
20	256QAM	1	49	18.66	18.61	18.67	19.9	2.5
20	256QAM	1	99	18.66	18.73	18.72		
20	256QAM	50	0	18.64	18.68	18.59		
20	256QAM	50	24	18.67	18.66	18.67	19.9	2.5
20	256QAM	50	50	18.70	18.75	18.64		
20	256QAM	100	0	18.69	18.73	18.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.19	21.18	21.14		
15	QPSK	1	37	21.17	21.12	21.11	22.4	0
15	QPSK	1	74	21.15	21.24	21.08		
15	QPSK	36	0	21.16	21.16	21.22		
15	QPSK	36	20	21.10	21.18	21.22	22.4	0
15	QPSK	36	39	21.10	21.13	21.22		
15	QPSK	75	0	21.19	21.14	21.08		
15	16QAM	1	0	21.15	21.15	21.20		
15	16QAM	1	37	21.17	21.11	21.12	22.4	0
15	16QAM	1	74	21.13	21.18	21.19		
15	16QAM	36	0	21.21	21.15	21.22		
15	16QAM	36	20	21.15	21.21	21.08	22.4	0
15	16QAM	36	39	21.20	21.18	21.22		
15	16QAM	75	0	21.16	21.19	21.16		
15	64QAM	1	0	21.19	21.13	21.17		
15	64QAM	1	37	21.16	21.23	21.13	22.4	0
15	64QAM	1	74	21.24	21.15	21.08		
15	64QAM	36	0	20.58	20.64	20.61		
15	64QAM	36	20	20.54	20.56	20.53	21.9	0.5
15	64QAM	36	39	20.52	20.47	20.46		
15	64QAM	75	0	20.66	20.53	20.61		
15	256QAM	1	0	18.63	18.69	18.64		
15	256QAM	1	37	18.51	18.54	18.58	19.9	2.5
15	256QAM	1	74	18.56	18.63	18.68		
15	256QAM	36	0	18.51	18.55	18.58		
15	256QAM	36	20	18.63	18.51	18.56	19.9	2.5
15	256QAM	36	39	18.57	18.65	18.54		
15	256QAM	75	0	18.55	18.69	18.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.17	21.19	21.15		
10	QPSK	1	25	21.12	21.18	21.14	22.4	0
10	QPSK	1	49	21.19	21.13	21.09		
10	QPSK	25	0	21.24	21.18	21.12		
10	QPSK	25	12	21.13	21.23	21.15	22.4	0
10	QPSK	25	25	21.12	21.23	21.12		
10	QPSK	50	0	21.13	21.23	21.10		
10	16QAM	1	0	21.11	21.23	21.09		
10	16QAM	1	25	21.22	21.11	21.12	22.4	0
10	16QAM	1	49	21.12	21.20	21.10		
10	16QAM	25	0	21.10	21.18	21.12		
10	16QAM	25	12	21.19	21.21	21.13	22.4	0
10	16QAM	25	25	21.10	21.15	21.13		
10	16QAM	50	0	21.19	21.20	21.22		
10	64QAM	1	0	21.21	21.11	21.21		
10	64QAM	1	25	21.17	21.17	21.13	22.4	0
10	64QAM	1	49	21.23	21.13	21.14		
10	64QAM	25	0	20.56	20.55	20.52		
10	64QAM	25	12	20.51	20.62	20.56	21.9	0.5
10	64QAM	25	25	20.46	20.53	20.54		
10	64QAM	50	0	20.48	20.52	20.58		
10	256QAM	1	0	18.72	18.65	18.58		
10	256QAM	1	25	18.56	18.49	18.58	19.9	2.5
10	256QAM	1	49	18.61	18.69	18.64		
10	256QAM	25	0	18.59	18.61	18.57		
10	256QAM	25	12	18.57	18.65	18.64	19.9	2.5
10	256QAM	25	25	18.60	18.71	18.49		
10	256QAM	50	0	18.60	18.67	18.58		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.13	21.23	21.13		
5	QPSK	1	12	21.22	21.20	21.18	22.4	0
5	QPSK	1	24	21.14	21.15	21.09		
5	QPSK	12	0	21.21	21.16	21.16		
5	QPSK	12	7	21.15	21.25	21.13	22.4	0
5	QPSK	12	13	21.20	21.22	21.16		
5	QPSK	25	0	21.20	21.11	21.16		
5	16QAM	1	0	21.22	21.15	21.15		
5	16QAM	1	12	21.22	21.20	21.19	22.4	0
5	16QAM	1	24	21.11	21.22	21.19		
5	16QAM	12	0	21.11	21.23	21.21		
5	16QAM	12	7	21.20	21.16	21.08	22.4	0
5	16QAM	12	13	21.15	21.16	21.08		
5	16QAM	25	0	21.23	21.14	21.22		
5	64QAM	1	0	21.13	21.19	21.11		
5	64QAM	1	12	21.21	21.18	21.10	22.4	0
5	64QAM	1	24	21.20	21.20	21.21		
5	64QAM	12	0	20.54	20.68	20.65		
5	64QAM	12	7	20.52	20.60	20.54	21.9	0.5
5	64QAM	12	13	20.59	20.46	20.45		
5	64QAM	25	0	20.42	20.58	20.51		
5	256QAM	1	0	18.66	18.65	18.68		
5	256QAM	1	12	18.51	18.52	18.58	19.9	2.5
5	256QAM	1	24	18.62	18.72	18.57		
5	256QAM	12	0	18.63	18.54	18.54		
5	256QAM	12	7	18.64	18.65	18.55	19.9	2.5
5	256QAM	12	13	18.57	18.67	18.57		
5	256QAM	25	0	18.62	18.68	18.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.11	21.18	21.11		
3	QPSK	1	8	21.15	21.21	21.16	22.4	0
3	QPSK	1	14	21.23	21.19	21.22		
3	QPSK	8	0	21.16	21.12	21.21		
3	QPSK	8	4	21.18	21.21	21.22	22.4	0
3	QPSK	8	7	21.12	21.15	21.22		
3	QPSK	15	0	21.23	21.15	21.13		
3	16QAM	1	0	21.11	21.18	21.10		
3	16QAM	1	8	21.14	21.21	21.21	22.4	0
3	16QAM	1	14	21.23	21.23	21.18		
3	16QAM	8	0	21.23	21.12	21.10		
3	16QAM	8	4	21.22	21.18	21.11	22.4	0
3	16QAM	8	7	21.21	21.24	21.08		
3	16QAM	15	0	21.11	21.17	21.10		
3	64QAM	1	0	21.20	21.14	21.20		
3	64QAM	1	8	21.13	21.21	21.22	22.4	0
3	64QAM	1	14	21.19	21.16	21.18		
3	64QAM	8	0	20.49	20.56	20.55		
3	64QAM	8	4	20.49	20.65	20.62	21.9	0.5
3	64QAM	8	7	20.47	20.51	20.45		
3	64QAM	15	0	20.53	20.60	20.54		
3	256QAM	1	0	18.61	18.66	18.60		
3	256QAM	1	8	18.61	18.49	18.54	19.9	2.5
3	256QAM	1	14	18.60	18.60	18.67		
3	256QAM	8	0	18.59	18.58	18.58		
3	256QAM	8	4	18.66	18.57	18.54	19.9	2.5
3	256QAM	8	7	18.67	18.70	18.53		
3	256QAM	15	0	18.61	18.64	18.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.20	21.14	21.09		
1.4	QPSK	1	3	21.17	21.13	21.12		
1.4	QPSK	1	5	21.14	21.14	21.17	22.4	0
1.4	QPSK	3	0	21.19	21.23	21.13		
1.4	QPSK	3	1	21.22	21.22	21.10		
1.4	QPSK	3	3	21.14	21.25	21.12		
1.4	QPSK	6	0	21.16	21.21	21.22	22.4	0
1.4	16QAM	1	0	21.21	21.13	21.19		
1.4	16QAM	1	3	21.11	21.22	21.18		
1.4	16QAM	1	5	21.20	21.23	21.19	22.4	0
1.4	16QAM	3	0	21.16	21.18	21.21		
1.4	16QAM	3	1	21.13	21.24	21.21		
1.4	16QAM	3	3	21.22	21.19	21.22		
1.4	16QAM	6	0	21.19	21.24	21.14	22.4	0
1.4	64QAM	1	0	21.18	21.13	21.14		
1.4	64QAM	1	3	21.16	21.23	21.15		
1.4	64QAM	1	5	21.13	21.25	21.17	22.4	0
1.4	64QAM	3	0	21.21	21.13	21.13		
1.4	64QAM	3	1	21.15	21.19	21.09		
1.4	64QAM	3	3	21.22	21.18	21.17		
1.4	64QAM	6	0	20.59	20.65	20.65	21.9	0.5
1.4	256QAM	1	0	18.61	18.70	18.71		
1.4	256QAM	1	3	18.59	18.56	18.54		
1.4	256QAM	1	5	18.64	18.64	18.65	19.9	2.5
1.4	256QAM	3	0	18.53	18.59	18.57		
1.4	256QAM	3	1	18.57	18.52	18.64		
1.4	256QAM	3	3	18.68	18.63	18.49		
1.4	256QAM	6	0	18.57	18.63	18.66	19.9	2.5

Band 4_Ant 11

BW [MHz]	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	23.73	23.76	23.75		
20	QPSK	1	49	23.61	23.71	23.68	24.9	0
20	QPSK	1	99	23.55	23.55	23.48		
20	QPSK	50	0	22.71	22.77	22.75		
20	QPSK	50	24	22.67	22.75	22.74	23.9	1
20	QPSK	50	50	22.63	22.66	22.65		
20	QPSK	100	0	22.68	22.75	22.73		
20	16QAM	1	0	22.84	23.02	23.00		
20	16QAM	1	49	22.81	22.99	22.98	23.9	1
20	16QAM	1	99	22.81	22.81	22.74		
20	16QAM	50	0	21.57	21.78	21.73		
20	16QAM	50	24	21.66	21.75	21.71	22.9	2
20	16QAM	50	50	21.63	21.64	21.63		
20	16QAM	100	0	21.57	21.69	21.67		
20	64QAM	1	0	21.75	21.89	21.94		
20	64QAM	1	49	21.85	21.96	21.88	22.9	2
20	64QAM	1	99	21.71	21.72	21.69		
20	64QAM	50	0	20.58	20.77	20.74		
20	64QAM	50	24	20.66	20.74	20.72	21.9	3
20	64QAM	50	50	20.63	20.66	20.62		
20	64QAM	100	0	20.68	20.68	20.67		
20	256QAM	1	0	18.81	18.83	18.80		
20	256QAM	1	49	18.74	18.80	18.75	19.9	5
20	256QAM	1	99	18.77	18.76	18.65		
20	256QAM	50	0	18.75	18.78	18.78		
20	256QAM	50	24	18.80	18.79	18.73	19.9	5
20	256QAM	50	50	18.72	18.81	18.72		
20	256QAM	100	0	18.74	18.77	18.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.62	23.72	23.67		
15	QPSK	1	37	23.46	23.60	23.56	24.9	0
15	QPSK	1	74	23.45	23.48	23.33		
15	QPSK	36	0	22.66	22.72	22.68		
15	QPSK	36	20	22.53	22.63	22.70	23.9	1
15	QPSK	36	39	22.50	22.54	22.51		
15	QPSK	75	0	22.66	22.65	22.72		
15	16QAM	1	0	22.73	22.93	22.87		
15	16QAM	1	37	22.78	22.95	22.86	23.9	1
15	16QAM	1	74	22.79	22.79	22.59		
15	16QAM	36	0	21.47	21.63	21.72		
15	16QAM	36	20	21.63	21.70	21.57	22.9	2
15	16QAM	36	39	21.62	21.71	21.50		
15	16QAM	75	0	21.46	21.57	21.55		
15	64QAM	1	0	21.65	21.83	21.91		
15	64QAM	1	37	21.75	21.91	21.79	22.9	2
15	64QAM	1	74	21.58	21.63	21.56		
15	64QAM	36	0	20.53	20.67	20.64		
15	64QAM	36	20	20.62	20.65	20.57	21.9	3
15	64QAM	36	39	20.59	20.61	20.49		
15	64QAM	75	0	20.51	20.62	20.66		
15	256QAM	1	0	18.67	18.76	18.74		
15	256QAM	1	37	18.71	18.79	18.63	19.9	5
15	256QAM	1	74	18.73	18.63	18.54		
15	256QAM	36	0	18.71	18.74	18.64		
15	256QAM	36	20	18.75	18.74	18.70	19.9	5
15	256QAM	36	39	18.71	18.68	18.68		
15	256QAM	75	0	18.68	18.66	18.59		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.62	23.68	23.60		
10	QPSK	1	25	23.46	23.58	23.62	24.9	0
10	QPSK	1	49	23.46	23.53	23.42		
10	QPSK	25	0	22.66	22.62	22.64		
10	QPSK	25	12	22.63	22.62	22.64	23.9	1
10	QPSK	25	25	22.52	22.59	22.53		
10	QPSK	50	0	22.60	22.73	22.64		
10	16QAM	1	0	22.77	22.93	22.86		
10	16QAM	1	25	22.74	22.96	22.97	23.9	1
10	16QAM	1	49	22.68	22.79	22.68		
10	16QAM	25	0	21.43	21.75	21.68		
10	16QAM	25	12	21.54	21.71	21.70	22.9	2
10	16QAM	25	25	21.53	21.54	21.62		
10	16QAM	50	0	21.43	21.65	21.62		
10	64QAM	1	0	21.74	21.76	21.85		
10	64QAM	1	25	21.72	21.84	21.73	22.9	2
10	64QAM	1	49	21.66	21.63	21.62		
10	64QAM	25	0	20.52	20.67	20.66		
10	64QAM	25	12	20.56	20.62	20.71	21.9	3
10	64QAM	25	25	20.62	20.63	20.50		
10	64QAM	50	0	20.53	20.54	20.62		
10	256QAM	1	0	18.69	18.71	18.66		
10	256QAM	1	25	18.66	18.69	18.61	19.9	5
10	256QAM	1	49	18.66	18.72	18.54		
10	256QAM	25	0	18.72	18.71	18.74		
10	256QAM	25	12	18.74	18.78	18.65	19.9	5
10	256QAM	25	25	18.66	18.72	18.63		
10	256QAM	50	0	18.63	18.63	18.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.61	23.70	23.67		
5	QPSK	1	12	23.49	23.57	23.57	24.9	0
5	QPSK	1	24	23.51	23.42	23.41		
5	QPSK	12	0	22.68	22.70	22.74		
5	QPSK	12	7	22.52	22.70	22.62	23.9	1
5	QPSK	12	13	22.51	22.53	22.51		
5	QPSK	25	0	22.66	22.74	22.66		
5	16QAM	1	0	22.82	22.95	22.95		
5	16QAM	1	12	22.87	22.97	22.87	23.9	1
5	16QAM	1	24	22.69	22.66	22.61		
5	16QAM	12	0	21.51	21.64	21.60		
5	16QAM	12	7	21.62	21.74	21.69	22.9	2
5	16QAM	12	13	21.58	21.50	21.55		
5	16QAM	25	0	21.50	21.67	21.52		
5	64QAM	1	0	21.62	21.85	21.93		
5	64QAM	1	12	21.82	21.87	21.78	22.9	2
5	64QAM	1	24	21.69	21.70	21.58		
5	64QAM	12	0	20.50	20.69	20.62		
5	64QAM	12	7	20.56	20.63	20.63	21.9	3
5	64QAM	12	13	20.48	20.57	20.55		
5	64QAM	25	0	20.44	20.62	20.56		
5	256QAM	1	0	18.75	18.74	18.74		
5	256QAM	1	12	18.68	18.65	18.60	19.9	5
5	256QAM	1	24	18.68	18.70	18.60		
5	256QAM	12	0	18.65	18.63	18.65		
5	256QAM	12	7	18.71	18.66	18.66	19.9	5
5	256QAM	12	13	18.60	18.76	18.64		
5	256QAM	25	0	18.67	18.76	18.57		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.72	23.66	23.63		
3	QPSK	1	8	23.56	23.57	23.67	24.9	0
3	QPSK	1	14	23.50	23.43	23.41		
3	QPSK	8	0	22.67	22.74	22.61		
3	QPSK	8	4	22.60	22.68	22.65	23.9	1
3	QPSK	8	7	22.55	22.63	22.55		
3	QPSK	15	0	22.54	22.64	22.71		
3	16QAM	1	0	22.71	23.01	22.86		
3	16QAM	1	8	22.83	22.89	22.97	23.9	1
3	16QAM	1	14	22.80	22.73	22.64		
3	16QAM	8	0	21.51	21.65	21.72		
3	16QAM	8	4	21.65	21.69	21.64	22.9	2
3	16QAM	8	7	21.56	21.56	21.48		
3	16QAM	15	0	21.48	21.67	21.56		
3	64QAM	1	0	21.73	21.76	21.91		
3	64QAM	1	8	21.84	21.86	21.85	22.9	2
3	64QAM	1	14	21.62	21.61	21.63		
3	64QAM	8	0	20.48	20.69	20.68		
3	64QAM	8	4	20.51	20.72	20.64	21.9	3
3	64QAM	8	7	20.54	20.64	20.58		
3	64QAM	15	0	20.48	20.61	20.58		
3	256QAM	1	0	18.79	18.80	18.76		
3	256QAM	1	8	18.60	18.69	18.72	19.9	5
3	256QAM	1	14	18.70	18.72	18.53		
3	256QAM	8	0	18.73	18.75	18.74		
3	256QAM	8	4	18.79	18.78	18.60	19.9	5
3	256QAM	8	7	18.67	18.75	18.61		
3	256QAM	15	0	18.60	18.74	18.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.65	23.70	23.68		
1.4	QPSK	1	3	23.59	23.63	23.55		
1.4	QPSK	1	5	23.43	23.40	23.34	24.9	0
1.4	QPSK	3	0	23.64	23.73	23.71		
1.4	QPSK	3	1	23.59	23.56	23.59		
1.4	QPSK	3	3	23.52	23.46	23.33		
1.4	QPSK	6	0	22.57	22.73	22.71	23.9	1
1.4	16QAM	1	0	22.54	22.60	22.68		
1.4	16QAM	1	3	22.60	22.53	22.51		
1.4	16QAM	1	5	22.56	22.73	22.67	23.9	1
1.4	16QAM	3	0	22.78	22.90	22.87		
1.4	16QAM	3	1	22.80	22.89	22.90		
1.4	16QAM	3	3	22.69	22.77	22.63		
1.4	16QAM	6	0	21.53	21.65	21.59	22.9	2
1.4	64QAM	1	0	21.53	21.64	21.58		
1.4	64QAM	1	3	21.49	21.49	21.52		
1.4	64QAM	1	5	21.44	21.57	21.62	22.9	2
1.4	64QAM	3	0	21.60	21.88	21.92		
1.4	64QAM	3	1	21.78	21.95	21.77		
1.4	64QAM	3	3	21.60	21.57	21.56		
1.4	64QAM	6	0	20.44	20.76	20.68	21.9	3
1.4	256QAM	1	0	18.75	18.81	18.78		
1.4	256QAM	1	3	18.71	18.69	18.70		
1.4	256QAM	1	5	18.67	18.71	18.63	19.9	5
1.4	256QAM	3	0	18.62	18.74	18.69		
1.4	256QAM	3	1	18.65	18.70	18.67		
1.4	256QAM	3	3	18.60	18.73	18.70		
1.4	256QAM	6	0	18.68	18.75	18.58	19.9	5

Band 5_Ant 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.86	23.84		
10	QPSK	1	25	23.77	23.79	23.73	25	0
10	QPSK	1	49	23.81	23.73	23.81		
10	QPSK	25	0	22.83	22.86	22.84		
10	QPSK	25	12	22.78	22.80	22.74	24	1
10	QPSK	25	25	22.75	22.79	22.75		
10	QPSK	50	0	22.80	22.83	22.81		
10	16QAM	1	0	22.96	23.03

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.76	21.80	21.76	22.7	0
20	QPSK	1	49	21.60	21.71	21.64		
20	QPSK	1	99	21.70	21.62	21.65		
20	QPSK	50	0	21.77	21.78	21.75	22.7	0
20	QPSK	50	24	21.69	21.83	21.62		
20	QPSK	50	50	21.65	21.72	21.69		
20	QPSK	100	0	21.75	21.76	21.73		
20	16QAM	1	0	21.60	21.69	21.63	22.7	0
20	16QAM	1	49	21.71	21.62	21.72		
20	16QAM	1	99	21.70	21.67	21.59		
20	16QAM	50	0	21.00	21.19	21.15	22.2	0.5
20	16QAM	50	24	21.05	21.23	21.22		
20	16QAM	50	50	21.07	21.25	21.25		
20	16QAM	100	0	21.01	21.20	21.18		
20	64QAM	1	0	21.02	21.28	21.17	22.2	0.5
20	64QAM	1	49	21.14	21.35	21.30		
20	64QAM	1	99	21.26	21.43	21.32		
20	64QAM	50	0	20.00	20.18	20.13	21.2	1.5
20	64QAM	50	24	20.04	20.25	20.20		
20	64QAM	50	50	20.06	20.25	20.21		
20	64QAM	100	0	20.01	20.19	20.16		
20	256QAM	1	0	18.26	18.28	18.25	19.2	3.5
20	256QAM	1	49	18.16	18.16	18.21		
20	256QAM	1	99	18.22	18.13	18.11		
20	256QAM	50	0	18.21	18.18	18.17	19.2	3.5
20	256QAM	50	24	18.16	18.15	18.10		
20	256QAM	50	50	18.25	18.19	18.12		
20	256QAM	100	0	18.20	18.27	18.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.73	21.74	21.65	22.7	0
15	QPSK	1	37	21.71	21.68	21.60		
15	QPSK	1	74	21.70	21.72	21.67		
15	QPSK	36	0	21.65	21.63	21.71		
15	QPSK	36	20	21.64	21.71	21.60	22.7	0
15	QPSK	36	39	21.71	21.74	21.65		
15	QPSK	75	0	21.72	21.70	21.67		
15	16QAM	1	0	21.74	21.70	21.64	22.7	0
15	16QAM	1	37	21.71	21.70	21.68		
15	16QAM	1	74	21.69	21.62	21.63		
15	16QAM	36	0	20.92	21.08	21.12	22.2	0.5
15	16QAM	36	20	20.90	21.18	21.09		
15	16QAM	36	39	20.97	21.19	21.16		
15	16QAM	75	0	20.94	21.05	21.16		
15	64QAM	1	0	20.91	21.19	21.16	22.2	0.5
15	64QAM	1	37	21.10	21.29	21.29		
15	64QAM	1	74	21.14	21.42	21.25		
15	64QAM	36	0	19.89	20.15	20.05	21.2	1.5
15	64QAM	36	20	20.03	20.13	20.07		
15	64QAM	36	39	19.91	20.12	20.17		
15	64QAM	75	0	19.91	20.15	20.11		
15	256QAM	1	0	18.22	18.13	18.23	19.2	3.5
15	256QAM	1	37	18.05	18.04	18.13		
15	256QAM	1	74	18.21	18.12	17.99		
15	256QAM	36	0	18.10	18.08	18.10	19.2	3.5
15	256QAM	36	20	18.10	18.07	17.96		
15	256QAM	36	39	18.17	18.12	18.02		
15	256QAM	75	0	18.16	18.16	18.18		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.67	21.72	21.66	22.7	0
10	QPSK	1	25	21.74	21.67	21.66		
10	QPSK	1	49	21.61	21.73	21.64		
10	QPSK	25	0	21.72	21.67	21.63	22.7	0
10	QPSK	25	12	21.71	21.73	21.65		
10	QPSK	25	25	21.74	21.61	21.61		
10	QPSK	50	0	21.74	21.66	21.64		
10	16QAM	1	0	21.71	21.73	21.69	22.7	0
10	16QAM	1	25	21.72	21.68	21.72		
10	16QAM	1	49	21.65	21.65	21.71		
10	16QAM	25	0	20.86	21.04	21.14	22.2	0.5
10	16QAM	25	12	20.94	21.09	21.07		
10	16QAM	25	25	20.94	21.15	21.21		
10	16QAM	50	0	20.97	21.09	21.12		
10	64QAM	1	0	20.93	21.26	21.08	22.2	0.5
10	64QAM	1	25	21.04	21.34	21.15		
10	64QAM	1	49	21.12	21.32	21.16		
10	64QAM	25	0	19.86	20.11	20.11	21.2	1.5
10	64QAM	25	12	20.00	20.15	20.06		
10	64QAM	25	25	19.95	20.19	20.06		
10	64QAM	50	0	19.93	20.08	20.12		
10	256QAM	1	0	18.14	18.13	18.12	19.2	3.5
10	256QAM	1	25	18.14	18.12	18.06		
10	256QAM	1	49	18.13	18.03	17.99		
10	256QAM	25	0	18.12	18.09	18.14	19.2	3.5
10	256QAM	25	12	18.04	18.06	17.96		
10	256QAM	25	25	18.23	18.06	18.08		
10	256QAM	50	0	18.13	18.18	18.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.65	21.64	21.68	22.7	0
5	QPSK	1	12	21.64	21.70	21.60		
5	QPSK	1	24	21.72	21.68	21.65		
5	QPSK	12	0	21.69	21.67	21.71	22.7	0
5	QPSK	12	7	21.63	21.62	21.72		
5	QPSK	12	13	21.61	21.74	21.62		
5	QPSK	25	0	21.72	21.70	21.58		
5	16QAM	1	0	21.62	21.75	21.66	22.7	0
5	16QAM	1	12	21.68	21.64	21.72		
5	16QAM	1	24	21.65	21.73	21.66		
5	16QAM	12	0	20.86	21.11	21.14	22.2	0.5
5	16QAM	12	7	20.98	21.22	21.10		
5	16QAM	12	13	20.99	21.23	21.10		
5	16QAM	25	0	21.00	21.18	21.15		
5	64QAM	1	0	21.00	21.23	21.05	22.2	0.5
5	64QAM	1	12	20.99	21.20	21.26		
5	64QAM	1	24	21.22	21.32	21.28		
5	64QAM	12	0	19.87	20.17	20.04	21.2	1.5
5	64QAM	12	7	19.90	20.23	20.10		
5	64QAM	12	13	20.05	20.23	20.10		
5	64QAM	25	0	19.89	20.10	20.14		
5	256QAM	1	0	18.14	18.16	18.18	19.2	3.5
5	256QAM	1	12	18.04	18.04	18.20		
5	256QAM	1	24	18.12	18.00	17.97		
5	256QAM	12	0	18.18	18.15	18.04	19.2	3.5
5	256QAM	12	7	18.08	18.07	18.00		
5	256QAM	12	13	18.15	18.08	18.05		
5	256QAM	25	0	18.12	18.26	18.10		

Band 7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.48	20.50	20.47	21.4	0
20	QPSK	1	49	20.44	20.42	20.36		
20	QPSK	1	99	20.39	20.44	20.35		
20	QPSK	50	0	20.47	20.48	20.48	21.4	0
20	QPSK	50	24	20.39	20.46	20.36		
20	QPSK	50	50	20.38	20.43	20.34		
20	QPSK	100	0	20.45	20.46	20.43		
20	16QAM	1	0	20.38	20.41	20.30	21.4	0
20	16QAM	1	49	20.36	20.35	20.38		
20	16QAM	1	99	20.35	20.32	20.28		
20	16QAM	50	0	20.36	20.31	20.29	21.4	0
20	16QAM	50	24	20.40	20.42	20.28		
20	16QAM	50	50	20.42	20.36	20.40		
20	16QAM	100	0	20.43	20.43	20.35		
20	64QAM	1	0	20.30	20.31	20.33	21.4	0
20	64QAM	1	49	20.42	20.41	20.28		
20	64QAM	1	99	20.43	20.35	20.40		
20	64QAM	50	0	20.33	20.31	20.38	21.4	0
20	64QAM	50	24	20.31	20.31	20.36		
20	64QAM	50	50	20.36	20.44	20.33		
20	64QAM	100	0	20.34	20.33	20.29		
20	256QAM	1	0	18.35	18.38	18.33	19.4	2
20	256QAM	1	49	18.24	18.34	18.19		
20	256QAM	1	99	18.31	18.28	18.18		
20	256QAM	50	0	18.23	18.36	18.30	19.4	2
20	256QAM	50	24	18.26	18.28	18.19		
20	256QAM	50	50	18.34	18.25	18.20		
20	256QAM	100	0	18.27	18.29	18.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.38	20.35	20.36	21.4	0
15	QPSK	1	37	20.39	20.38	20.30		
15	QPSK	1	74	20.35	20.44	20.34		
15	QPSK	36	0	20.35	20.42	20.42		
15	QPSK	36	20	20.32	20.39	20.38	21.4	0
15	QPSK	36	39	20.44	20.35	20.41		
15	QPSK	75	0	20.40	20.32	20.42		
15	16QAM	1	0	20.33	20.44	20.38	21.4	0
15	16QAM	1	37	20.42	20.36	20.40		
15	16QAM	1	74	20.36	20.40	20.40		
15	16QAM	36	0	20.33	20.31	20.41	21.4	0
15	16QAM	36	20	20.41	20.36	20.37		
15	16QAM	36	39	20.41	20.36	20.39		
15	16QAM	75	0	20.38	20.35	20.37		
15	64QAM	1	0	20.43	20.45	20.33	21.4	0
15	64QAM	1	37	20.42	20.32	20.33		
15	64QAM	1	74	20.44	20.33	20.36		
15	64QAM	36	0	20.44	20.37	20.35	21.4	0
15	64QAM	36	20	20.44	20.40	20.30		
15	64QAM	36	39	20.32	20.37	20.37		
15	64QAM	75	0	20.36	20.44	20.40		
15	256QAM	1	0	18.28	18.37	18.28	19.4	2
15	256QAM	1	37	18.10	18.29	18.14		
15	256QAM	1	74	18.24	18.16	18.03		
15	256QAM	36	0	18.20	18.32	18.18	19.4	2
15	256QAM	36	20	18.23	18.24	18.11		
15	256QAM	36	39	18.21	18.24	18.10		
15	256QAM	75	0	18.20	18.19	18.19		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.40	20.37	20.31	21.4	0
10	QPSK	1	25	20.44	20.40	20.36		
10	QPSK	1	49	20.30	20.31	20.38		
10	QPSK	25	0	20.35	20.44	20.38	21.4	0
10	QPSK	25	12	20.37	20.33	20.37		
10	QPSK	25	25	20.44	20.32	20.30		
10	QPSK	50	0	20.36	20.32	20.31		
10	16QAM	1	0	20.38	20.36	20.39	21.4	0
10	16QAM	1	25	20.40	20.35	20.41		
10	16QAM	1	49	20.38	20.38	20.32		
10	16QAM	25	0	20.31	20.45	20.39	21.4	0
10	16QAM	25	12	20.30	20.34	20.38		
10	16QAM	25	25	20.39	20.31	20.40		
10	16QAM	50	0	20.39	20.43	20.41		
10	64QAM	1	0	20.31	20.45	20.36	21.4	0
10	64QAM	1	25	20.42	20.31	20.31		
10	64QAM	1	49	20.36	20.36	20.40		
10	64QAM	25	0	20.37	20.33	20.39	21.4	0
10	64QAM	25	12	20.35	20.39	20.42		
10	64QAM	25	25	20.38	20.45	20.40		
10	64QAM	50	0	20.30	20.34	20.40		
10	256QAM	1	0	18.27	18.37	18.25	19.4	2
10	256QAM	1	25	18.10	18.29	18.04		
10	256QAM	1	49	18.17	18.27	18.08		
10	256QAM	25	0	18.15	18.26	18.26	19.4	2
10	256QAM	25	12	18.24	18.17	18.08		
10	256QAM	25	25	18.25	18.15	18.13		
10	256QAM	50	0	18.12	18.17	18.16		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.42	20.32	20.41	21.4	0
5	QPSK	1	12	20.33	20.34	20.39		
5	QPSK	1	24	20.38	20.40	20.40		
5	QPSK	12	0	20.32	20.41	20.29	21.4	0
5	QPSK	12	7	20.38	20.36	20.28		
5	QPSK	12	13	20.42	20.33	20.31		
5	QPSK	25	0	20.40	20.32	20.41		
5	16QAM	1	0	20.38	20.44	20.36	21.4	0
5	16QAM	1	12	20.41	20.40	20.28		
5	16QAM	1	24	20.36	20.39	20.29		
5	16QAM	12	0	20.32	20.37	20.38	21.4	0
5	16QAM	12	7	20.31	20.39	20.40		
5	16QAM	12	13	20.32	20.40	20.29		
5	16QAM	25	0	20.37	20.41	20.32		
5	64QAM	1	0	20.36	20.31	20.29	21.4	0
5	64QAM	1	12	20.37	20.36	20.37		
5	64QAM	1	24	20.32	20.34	20.41		
5	64QAM	12	0	20.41	20.43	20.34	21.4	0
5	64QAM	12	7	20.32	20.38	20.42		
5	64QAM	12	13	20.42	20.41	20.31		
5	64QAM	25	0	20.32	20.44	20.41		
5	256QAM	1	0	18.20	18.33	18.22	19.4	2
5	256QAM	1	12	18.22	18.26	18.12		
5	256QAM	1	24	18.16	18.24	18.08		
5	256QAM	12	0	18.16	18.29	18.21	19.4	2
5	256QAM	12	7	18.12	18.21	18.09		
5	256QAM	12	13	18.24	18.20	18.15		
5	256QAM	25	0	18.22	18.23	18.12		

Band 7_Ant 11

BW [MHz]	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	23.19	23.35	23.26	24.4	0
20	QPSK	1	49	23.01	23.30	23.16		
20	QPSK	1	99	23.09	23.24	23.16		
20	QPSK	50	0	22.14	22.34	22.24	23.4	1
20	QPSK	50	24	22.05	22.27	22.18		
20	QPSK	50	50	22.08	22.28	22.19		
20	QPSK	100	0	22.09	22.30	22.15		
20	16QAM	1	0	22.10	22.41	22.33	23.4	1
20	16QAM	1	49	22.29	22.55	22.32		
20	16QAM	1	99	22.37	22.51	22.33		
20	16QAM	50	0	20.97	21.23	21.14	22.4	2
20	16QAM	50	24	21.04	21.28	21.17		
20	16QAM	50	50	21.08	21.27	21.20		
20	16QAM	100	0	21.02	21.24	21.14		
20	64QAM	1	0	20.96	21.26	21.17	22.4	2
20	64QAM	1	49	21.15	21.43	21.33		
20	64QAM	1	99	21.23	21.36	21.32		
20	64QAM	50	0	19.99	20.25	20.13	21.4	3
20	64QAM	50	24	20.05	20.27	20.18		
20	64QAM	50	50	20.09	20.28	20.20		
20	64QAM	100	0	20.04	20.25	20.14		
20	256QAM	1	0	18.35	18.36	18.33	19.4	5
20	256QAM	1	49	18.34	18.34	18.19		
20	256QAM	1	99	18.30	18.31	18.20		
20	256QAM	50	0	18.33	18.29	18.31	19.4	5
20	256QAM	50	24	18.24	18.26	18.19		
20	256QAM	50	50	18.29	18.31	18.28		
20	256QAM	100	0	18.24	18.25	18.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.11	23.26	23.13	24.4	0
15	QPSK	1	37	22.98	23.25	23.10		
15	QPSK	1	74	22.94	23.18	23.12		
15	QPSK	36	0	22.01	22.33	22.12	23.4	1
15	QPSK	36	20	22.01	22.16	22.15		
15	QPSK	36	39	22.01	22.20	22.13		
15	QPSK	75	0	22.00	22.22	22.04		
15	16QAM	1	0	22.03	22.32	22.25	23.4	1
15	16QAM	1	37	22.27	22.53	22.23		
15	16QAM	1	74	22.30	22.43	22.21		
15	16QAM	36	0	20.91	21.17	21.02	22.4	2
15	16QAM	36	20	20.95	21.24	21.12		
15	16QAM	36	39	20.98	21.24	21.13		
15	16QAM	75	0	20.88	21.12	21.12		
15	64QAM	1	0	20.83	21.22	21.04	22.4	2
15	64QAM	1	37	21.10	21.36	21.32		
15	64QAM	1	74	21.11	21.33	21.27		
15	64QAM	36	0	19.88	20.15	20.09	21.4	3
15	64QAM	36	20	20.04	20.23	20.10		
15	64QAM	36	39	20.07	20.22	20.05		
15	64QAM	75	0	19.91	20.22	20.10		
15	256QAM	1	0	18.31	18.35	18.24	19.4	5
15	256QAM	1	37	18.32	18.23	18.05		
15	256QAM	1	74	18.26	18.24	18.10		
15	256QAM	36	0	18.21	18.17	18.24	19.4	5
15	256QAM	36	20	18.16	18.15	18.11		
15	256QAM	36	39	18.19	18.25	18.27		
15	256QAM	75	0	18.21	18.13	18.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.11	23.29	23.22	24.4	0
10	QPSK	1	25	22.87	23.21	23.03		
10	QPSK	1	49	23.01	23.13	23.12		
10	QPSK	25	0	22.04	22.24	22.10	23.4	1
10	QPSK	25	12	22.01	22.16	22.15		
10	QPSK	25	25	21.94	22.17	22.05		
10	QPSK	50	0	22.03	22.21	22.10		
10	16QAM	1	0	22.07	22.30	22.28	23.4	1
10	16QAM	1	25	22.15	22.49	22.21		
10	16QAM	1	49	22.34	22.50	22.19		
10	16QAM	25	0	20.96	21.22	21.05	22.4	2
10	16QAM	25	12	20.92	21.21	21.04		
10	16QAM	25	25	21.07	21.23	21.11		
10	16QAM	50	0	21.01	21.11	21.11		
10	64QAM	1	0	20.92	21.15	21.06	22.4	2
10	64QAM	1	25	21.10	21.34	21.19		
10	64QAM	1	49	21.08	21.34	21.22		
10	64QAM	25	0	19.96	20.22	20.02	21.4	3
10	64QAM	25	12	20.03	20.17	20.08		
10	64QAM	25	25	19.99	20.27	20.07		
10	64QAM	50	0	19.99	20.23	20.06		
10	256QAM	1	0	18.24	18.32	18.27	19.4	5
10	256QAM	1	25	18.23	18.21	18.09		
10	256QAM	1	49	18.20	18.24	18.11		
10	256QAM	25	0	18.28	18.22	18.18	19.4	5
10	256QAM	25	12	18.12	18.16	18.17		
10	256QAM	25	25	18.22	18.22	18.15		
10	256QAM	50	0	18.20	18.18	18.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.11	23.28	23.14	24.4	0
5	QPSK	1	12	22.91	23.29	23.08		
5	QPSK	1	24	22.98	23.11	23.01		
5	QPSK	12	0	22.98	22.99	22.91	23.4	1
5	QPSK	12	7	21.94	22.26	22.16		
5	QPSK	12	13	21.99	22.17	22.17		
5	QPSK	25	0	22.02	22.23	22.11		
5	16QAM	1	0	21.98	22.27	22.28	23.4	1
5	16QAM	1	12	22.16	22.53	22.28		
5	16QAM	1	24	22.34	22.42	22.20		
5	16QAM	12	0	20.82	21.22	21.10	22.4	2
5	16QAM	12	7	20.92	21.21	21.11		
5	16QAM	12	13	21.04	21.23	21.07		
5	16QAM	25	0	20.95	21.17	21.07		
5	64QAM	1	0	20.91	21.21	21.15	22.4	2
5	64QAM	1	12	21.02	21.30	21.36		
5	64QAM	1	24	21.14	21.27	21.28		
5	64QAM	12	0	19.89	20.19	20.04	21.4	3
5	64QAM	12	7	20.00	20.21	20.07		
5	64QAM	12	13	20.08	20.23	20.09		
5	64QAM	25	0	19.99	20.10	20.12		
5	256QAM	1	0	18.30	18.25	18.18	19.4	5
5	256QAM	1	12	18.21	18.29	18.04		
5	256QAM	1	24	18.27	18.28	18.05		
5	256QAM	12	0	18.31	18.16	18.27	19.4	5
5	256QAM	12	7	18.09	18.20	18.13		
5	256QAM	12	13	18.20	18.21	18.20		
5	256QAM	25	0	18.17	18.23	18.19		

Band 12_Ant 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.83	23.85	23.81	24.7	0
10	QPSK	1	25	23.74	23.72	23.71		
10	QPSK	1	49	23.80	23.80	23.76		
10	QPSK	25	0	22.81	22.83	22.80	23.7	1
10	QPSK	25	12	22.72	22.70	22.72		
10	QPSK	25	25	22.73	22.76	22.72		
10	QPSK	50	0	22.78	22.80	22.77		
10	16QAM	1	0	22.88	22.95	22.97	23.7	1
10	16QAM	1

Band 12_Ant 31

BW [MHz]	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	24.00	24.07	24.03	25	0
10	QPSK	1	25	23.87	23.93	23.85		
10	QPSK	1	49	23.88	23.82	23.84		
10	QPSK	25	0	22.92	23.05	22.94	24	1
10	QPSK	25	12	22.84	22.83	22.84		
10	QPSK	25	25	22.88	22.89	22.85		
10	QPSK	50	0	22.84	23.01	22.89		
10	16QAM	1	0	22.59	23.41	22.80		
10	16QAM	1	25	23.29	22.77	23.17	24	1
10	16QAM	1	49	23.24	23.28	22.92		
10	16QAM	25	0	21.74	21.83	21.87	23	2
10	16QAM	25	12	21.83	21.87	21.77		
10	16QAM	25	25	21.86	21.88	21.84		
10	16QAM	50	0	21.77	21.88	21.82		
10	64QAM	1	0	22.00	22.11	21.58		
10	64QAM	1	25	21.88	22.10	21.93	23	2
10	64QAM	1	49	22.01	21.74	22.11		
10	64QAM	25	0	20.71	20.76	20.75		
10	64QAM	25	12	20.85	20.88	20.81	22	3
10	64QAM	25	25	20.89	20.81	20.88		
10	64QAM	50	0	20.85	20.85	20.81		
10	256QAM	1	0	18.89	18.90	18.86	20	5
10	256QAM	1	25	18.85	18.86	18.77		
10	256QAM	1	49	18.80	18.88	18.72		
10	256QAM	25	0	18.83	18.88	18.74		
10	256QAM	25	12	18.78	18.84	18.81	20	5
10	256QAM	25	25	18.81	18.78	18.80		
10	256QAM	50	0	18.85	18.78	18.73		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.99	23.98	23.90	25	0
5	QPSK	1	12	23.74	23.84	23.72		
5	QPSK	1	24	23.73	23.78	23.77		
5	QPSK	12	0	22.83	23.04	22.81		
5	QPSK	12	7	22.76	22.76	22.79	24	1
5	QPSK	12	13	22.82	22.79	22.75		
5	QPSK	25	0	22.69	22.99	22.76		
5	16QAM	1	0	22.57	23.27	22.76		
5	16QAM	1	12	23.16	22.64	23.08	24	1
5	16QAM	1	24	23.16	23.22	22.84		
5	16QAM	12	0	21.67	21.80	21.75	23	2
5	16QAM	12	7	21.69	21.76	21.74		
5	16QAM	12	13	21.75	21.81	21.71		
5	16QAM	25	0	21.69	21.76	21.72		
5	64QAM	1	0	21.90	22.08	21.50		
5	64QAM	1	12	21.82	22.00	21.92	23	2
5	64QAM	1	24	21.91	21.71	22.00		
5	64QAM	12	0	20.56	20.73	20.73		
5	64QAM	12	7	20.72	20.74	20.77	22	3
5	64QAM	12	13	20.78	20.79	20.81		
5	64QAM	25	0	20.71	20.76	20.78		
5	256QAM	1	0	18.87	18.82	18.80	20	5
5	256QAM	1	12	18.77	18.84	18.67		
5	256QAM	1	24	18.67	18.85	18.70		
5	256QAM	12	0	18.71	18.83	18.63		
5	256QAM	12	7	18.73	18.74	18.66	20	5
5	256QAM	12	13	18.78	18.68	18.68		
5	256QAM	25	0	18.81	18.68	18.61		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.87	24.03	23.96	25	0
3	QPSK	1	8	23.74	23.88	23.72		
3	QPSK	1	14	23.77	23.77	23.81		
3	QPSK	8	0	22.78	22.90	22.87	24	1
3	QPSK	8	4	22.75	22.79	22.73		
3	QPSK	8	7	22.86	22.76	22.75		
3	QPSK	15	0	22.73	22.92	22.83		
3	16QAM	1	0	22.54	23.39	22.75		
3	16QAM	1	8	23.26	22.68	23.16	24	1
3	16QAM	1	14	23.13	23.21	22.82		
3	16QAM	8	0	21.70	21.79	21.74	23	2
3	16QAM	8	4	21.70	21.78	21.69		
3	16QAM	8	7	21.75	21.77	21.79		
3	16QAM	15	0	21.68	21.77	21.75		
3	64QAM	1	0	21.96	21.98	21.51	23	2
3	64QAM	1	8	21.81	22.04	21.91		
3	64QAM	1	14	21.97	21.72	22.00		
3	64QAM	8	0	20.70	20.75	20.60	22	3
3	64QAM	8	4	20.73	20.73	20.77		
3	64QAM	8	7	20.76	20.75	20.74		
3	64QAM	15	0	20.73	20.77	20.76		
3	256QAM	1	0	18.88	18.78	18.72	20	5
3	256QAM	1	8	18.70	18.82	18.67		
3	256QAM	1	14	18.77	18.79	18.65		
3	256QAM	8	0	18.78	18.82	18.69	20	5
3	256QAM	8	4	18.73	18.79	18.78		
3	256QAM	8	7	18.69	18.72	18.73		
3	256QAM	15	0	18.70	18.71	18.67		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.91	23.92	23.98	25	0
1.4	QPSK	1	3	23.82	23.79	23.81		
1.4	QPSK	1	5	23.87	23.70	23.83		
1.4	QPSK	3	0	23.99	23.93	23.89		
1.4	QPSK	3	1	23.85	23.82	23.70		
1.4	QPSK	3	3	23.75	23.80	23.69		
1.4	QPSK	6	0	22.81	22.94	22.82	24	1
1.4	16QAM	1	0	22.81	22.68	22.73	24	1
1.4	16QAM	1	3	22.84	22.78	22.71		
1.4	16QAM	1	5	22.72	22.97	22.82		
1.4	16QAM	3	0	22.53	23.39	22.78		
1.4	16QAM	3	1	23.14	22.63	23.10		
1.4	16QAM	3	3	23.16	23.19	22.87		
1.4	16QAM	6	0	21.62	21.77	21.85	23	2
1.4	64QAM	1	0	21.77	21.72	21.70	23	2
1.4	64QAM	1	3	21.80	21.75	21.76		
1.4	64QAM	1	5	21.74	21.82	21.80		
1.4	64QAM	3	0	21.91	22.00	21.47		
1.4	64QAM	3	1	21.78	21.95	21.86		
1.4	64QAM	3	3	21.87	21.65	22.02		
1.4	64QAM	6	0	20.69	20.63	20.70	22	3
1.4	256QAM	1	0	18.82	18.80	18.80	20	5
1.4	256QAM	1	3	18.72	18.71	18.70		
1.4	256QAM	1	5	18.72	18.76	18.59		
1.4	256QAM	3	0	18.82	18.76	18.65		
1.4	256QAM	3	1	18.76	18.70	18.74		
1.4	256QAM	3	3	18.74	18.75	18.79		
1.4	256QAM	6	0	18.72	18.75	18.70	20	5

Band 13_Ant 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		23.56		24.7	0
10	QPSK	1	25		23.32			
10	QPSK	1	49		23.36			
10	QPSK	25	0		22.56		23.7	1
10	QPSK	25	12		22.31			
10	QPSK	25	25		22.29			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.51			
10	16QAM	1	25		22.53		23.7	1
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.26		22.7	2
10	16QAM	25	12		21.29			
10	16QAM	25	25		21.26			
10	16QAM	50	0		21.28			
10	64QAM	1	0		21.41			
10	64QAM	1	25		21.47		22.7	2
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.24		21.7	3
10	64QAM	25	12		20.28			
10	64QAM	25	25		20.26			
10	64QAM	50	0		20.26			
10	256QAM	1	0		18.37		19.7	5
10	256QAM	1	25		18.30			
10	256QAM	1	49		18.31			
10	256QAM	25	0		18.24		19.7	5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.48	23.55	24.7	0
5	QPSK	1	12	23.24	23.24	23.20		
5	QPSK	1	24	23.33	23.21	23.23		
5	QPSK	12	0	22.46	22.42	22.51	23.7	1
5	QPSK	12	7	22.22	22.29	22.16		
5	QPSK	12	13	22.21	22.20	22.18		
5	QPSK	25	0	22.47	22.49	22.43		
5	16QAM	1	0	22.40	22.50	22.42		
5	16QAM	1	12	22.38	22.40	22.39	23.7	1
5	16QAM	1	24	22.43	22.48	22.45		
5	16QAM	12	0	21.20	21.23	21.23	22.7	2
5	16QAM	12	7	21.26	21.25	21.22		
5	16QAM	12	13	21.16	21.17	21.25		
5	16QAM	25	0	21.20	21.25	21.20		
5	64QAM	1	0	21.28	21.37	21.27		
5	64QAM	1	12	21.45	21.38	21.44	22.7	2
5	64QAM	1	24	21.43	21.38	21.39		
5	64QAM	12	0	20.20	20.15	20.19	21.7	3
5	64QAM	12	7	20.17	20.15	20.15		
5	64QAM	12	13	20.25	20.23	20.20		
5	64QAM	25	0	20.24	20.24	20.17		
5	256QAM	1	0	18.30	18.26	18.33	19.7	5
5	256QAM	1	12	18.22	18.17	18.25		
5	256QAM	1	24	18.22	18.27	18.30		
5	256QAM	12	0	18.14	18.15	18.12	19.7	5
5	256QAM	12	7	18.18	18.11	18.22		
5	256QAM	12	13	18.11	18.10	18.12		
5	256QAM	25	0	18.20	18.27	18.27		

Band 13_Ant 31

BW [MHz]	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		23.65		25	0
10	QPSK	1	25		23.57			
10	QPSK	1	49		23.56			
10	QPSK	25	0		22.63		24	1
10	QPSK	25	12		22.60			
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.60			
10	16QAM	1	0		22.57			
10	16QAM	1	25		22.54		24	1
10	16QAM	1	49		22.69			
10	16QAM	25	0		21.50		23	2
10	16QAM	25	12		21.54			
10	16QAM	25	25		21.59			
10	16QAM	50	0		21.50			
10	64QAM	1	0		21.87			
10	64QAM	1	25		21.56		23	2
10	64QAM	1	49		21.42			
10	64QAM	25	0		20.47		22	3
10	64QAM	25	12		20.54			
10	64QAM	25	25		20.45			
10	64QAM	50	0		20.56			
10	256QAM	1	0		18.58		20	5
10	256QAM	1	25		18.48			
10	256QAM	1	49		18.52			
10	256QAM	25	0		18.43		20	5
10	256QAM	25	12		18.44			
10	256QAM	25	25		18.46			
10	256QAM	50	0		18.46			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.63	23.55	25	0
5	QPSK	1	12	23.54	23.45	23.56		
5	QPSK	1	24	23.50	23.51	23.49		
5	QPSK	12	0	22.55	22.52	22.56	24	1
5	QPSK	12	7	22.55	22.50	22.51		
5	QPSK	12	13	22.48	22.45	22.45		
5	QPSK	25	0	22.53	22.47	22.45		
5	16QAM	1	0	22.56	22.43	22.50		
5	16QAM	1	12	22.46	22.40	22.51	24	1
5	16QAM	1	24	22.56	22.64	22.59		
5	16QAM	12	0	21.47	21.38	21.42	23	2
5	16QAM	12	7	21.42	21.40	21.45		
5	16QAM	12	13	21.49	21.52	21.54		
5	16QAM	25	0	21.38	21.43	21.36		
5	64QAM	1	0	21.76	21.78	21.72	23	2
5	64QAM	1	12	21.49	21.54	21.53		
5	64QAM	1	24	21.34	21.37	21.28		
5	64QAM	12	0	20.43	20.38	20.40	22	3
5	64QAM	12	7	20.51	20.45	20.39		
5	64QAM	12	13	20.33	20.39	20.38		
5	64QAM	25	0	20.52	20.42	20.47		
5	256QAM	1	0	18.49	18.45	18.46	20	5
5	256QAM	1	12	18.33	18.36	18.46		
5	256QAM	1	24	18.47	18.40	18.45		
5	256QAM	12	0	18.33	18.41	18.35	20	5
5	256QAM	12	7	18.40	18.43	18.32		
5	256QAM	12	13	18.40	18.40	18.36		
5	256QAM	25	0	18.32	18.40	18.32		

Band 17_Ant 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.78	23.80	23.75	24.7	0
10	QPSK	1	25	23.70	23.69	23.69		
10	QPSK	1	49	23.75	23.77	23.73		
10	QPSK	25	0	22.76	22.78	22.73	23.7	1
10	QPSK	25	12	22.65	22.66	22.65		
10	QPSK	25	25	22.69	22.69	22.68		
10	QPSK	50	0	22.73	22.75	22.71		
10	16QAM	1	0	22.83	22.86	22.86	23.7	1
10	16QAM	1	25	22.89	22.88	22.82		
10	16QAM	1	49	22.96	22.95	22.93		
10	16QAM	25	0	21.63	21.64	21.62	22.7	2
10	16QAM	25	12	21.64	21.62	21.62		
10	16QAM	25	25	21.68	21.66	21.67		
10	16QAM	50	0	21.66	21.65	21.65		
10	64QAM	1	0	21.72	21.79	21.76	22.7	2
10	64QAM	1	25	21.76	21.78	21.79		
10	64QAM	1	49	21.85	21.85	21.85		
10	64QAM	25	0	20.61	20.62	20.63	21.7	3
10	64QAM	25	12	20.63	20.62	20.63		
10	64QAM	25	25	20.67	20.66	20.66		
10	64QAM	50	0	20.64	20.65	20.64		
10	256QAM	1	0	18.68	18.70	18.67	19.7	5
10	256QAM	1	25	18.64	18.66	18.54		
10	256QAM	1	49	18.63	18.55	18.63		
10	256QAM	25	0	18.63	18.65	18.61	19.7	5
10	256QAM	25	12	18.60	18.55	18.61		
10	256QAM	25	25	18.63	18.59	18.55		
10	256QAM	50	0	18.61	18.67	18.66		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.74	23.73	23.71	24.7	0
5	QPSK	1	12	23.67	23.59	23.61		
5	QPSK	1	24	23.71	23.76	23.66		
5	QPSK	12	0	22.67	22.63	22.60	23.7	1
5	QPSK	12	7	22.62	22.57	22.64		
5	QPSK	12	13	22.59	22.64	22.59		
5	QPSK	25	0	22.61	22.69	22.67		
5	16QAM	1	0	22.75	22.81	22.81		
5	16QAM	1	12	22.87	22.74	22.76	23.7	1
5	16QAM	1	24	22.89	22.91	22.79		
5	16QAM	12	0	21.61	21.54	21.57	22.7	2
5	16QAM	12	7	21.62	21.56	21.47		
5	16QAM	12	13	21.64	21.57	21.64		
5	16QAM	25	0	21.55	21.57	21.60		
5	64QAM	1	0	21.69	21.77	21.61	22.7	2
5	64QAM	1	12	21.67	21.69	21.73		
5	64QAM	1	24	21.75	21.77	21.79		
5	64QAM	12	0	20.60	20.59	20.52	21.7	3
5	64QAM	12	7	20.55	20.61	20.50		
5	64QAM	12	13	20.62	20.55	20.52		
5	64QAM	25	0	20.60	20.57	20.57		
5	256QAM	1	0	18.54	18.56	18.66	19.7	5
5	256QAM	1	12	18.61	18.55	18.50		
5	256QAM	1	24	18.58	18.43	18.50		
5	256QAM	12	0	18.49	18.53	18.59	19.7	5
5	256QAM	12	7	18.56	18.46	18.48		
5	256QAM	12	13	18.54	18.55	18.46		
5	256QAM	25	0	18.48	18.59	18.57		

Band 17_Ant 31

BW [MHz]	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	24.01	24.03	23.99	25	0
10	QPSK	1	25	24.00	23.90	23.97		
10	QPSK	1	49	23.98	23.99	23.94		
10	QPSK	25	0	22.99	23.00	22.99	24	1
10	QPSK	25	12	22.92	22.92	22.91		
10	QPSK	25	25	22.94	22.90	22.93		
10	QPSK	50	0	22.95	22.97	22.93		
10	16QAM	1	0	23.09	22.95	22.95	24	1
10	16QAM	1	25	23.25	23.01	23.26		
10	16QAM	1	49	23.06	23.14	23.42		
10	16QAM	25	0	21.82	21.83	21.92	23	2
10	16QAM	25	12	21.90	21.88	21.93		
10	16QAM	25	25	21.95	21.97	21.90		
10	16QAM	50	0	21.90	21.90	21.86		
10	64QAM	1	0	22.16	22.16	21.70	23	2
10	64QAM	1	25	22.18	21.89	22.18		
10	64QAM	1	49	22.25	22.28	22.24		
10	64QAM	25	0	20.82	20.88	20.85	22	3
10	64QAM	25	12	20.90	20.85	20.81		
10	64QAM	25	25	20.91	20.86	20.93		
10	64QAM	50	0	20.91	20.93	20.85		
10	256QAM	1	0	18.87	18.90	18.85	20	5
10	256QAM	1	25	18.86	18.84	18.81		
10	256QAM	1	49	18.82	18.87	18.83		
10	256QAM	25	0	18.76	18.85	18.81	20	5
10	256QAM	25	12	18.76	18.85	18.76		
10	256QAM	25	25	18.86	18.80	18.79		
10	256QAM	50	0	18.79	18.89	18.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.89	24.01	23.87	25	0
5	QPSK	1	12	23.86	23.77	23.88		
5	QPSK	1	24	23.87	23.88	23.79		
5	QPSK	12	0	22.90	22.92	22.85	24	1
5	QPSK	12	7	22.77	22.86	22.78		
5	QPSK	12	13	22.84	22.88	22.81		
5	QPSK	25	0	22.90	22.95	22.88		
5	16QAM	1	0	23.03	22.93	22.87	24	1
5	16QAM	1	12	23.13	22.91	23.12		
5	16QAM	1	24	22.97	23.05	23.39		
5	16QAM	12	0	21.79	21.82	21.89	23	2
5	16QAM	12	7	21.87	21.83	21.82		
5	16QAM	12	13	21.86	21.85	21.82		
5	16QAM	25	0	21.79	21.87	21.75		
5	64QAM	1	0	22.12	22.04	21.55	23	2
5	64QAM	1	12	22.13	21.78	22.13		
5	64QAM	1	24	22.17	22.14	22.19		
5	64QAM	12	0	20.75	20.84	20.77	22	3
5	64QAM	12	7	20.75	20.83	20.80		
5	64QAM	12	13	20.79	20.76	20.81		
5	64QAM	25	0	20.80	20.82	20.75		
5	256QAM	1	0	18.77	18.79	18.80	20	5
5	256QAM	1	12	18.72	18.71	18.67		
5	256QAM	1	24	18.70	18.79	18.68		
5	256QAM	12	0	18.65	18.71	18.71	20	5
5	256QAM	12	7	18.67	18.76	18.70		
5	256QAM	12	13	18.78	18.75	18.71		
5	256QAM	25	0	18.66	18.81	18.65		

Band 26_Ant 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.67	23.74	23.66	24.7	0
15	QPSK	1	37	23.57	23.60	23.63		
15	QPSK	1	74	23.61	23.57	23.58		
15	QPSK	36	0	22.60	22.73	22.63	23.7	1
15	QPSK	36	20	22.56	22.55	22.56		
15	QPSK	36	39	22.57	22.52	22.53		
15	QPSK	75	0	22.63	22.68	22.60		
15	16QAM	1	0	22.66	22.76	22.80	23.7	1
15	16QAM	1	37	22.74	22.84	22.80		
15	16QAM	1	74	22.76	22.84	22.79		
15	16QAM	36	0	21.51	21.52	21.57	22.7	2
15	16QAM	36	20	21.57	21.56	21.56		
15	16QAM	36	39	21.56	21.52	21.52		
15	16QAM	75	0	21.53	21.57	21.57		
15	64QAM	1	0	21.57	21.65	21.74	22.7	2
15	64QAM	1	37	21.69	21.71	21.75		
15	64QAM	1	74	21.71	21.72	21.68		
15	64QAM	36	0	20.54	20.56	20.59	21.7	3
15	64QAM	36	20	20.58	20.57	20.59		
15	64QAM	36	39	20.58	20.57	20.56		
15	64QAM	75	0	20.54	20.58	20.52		
15	256QAM	1	0	18.63	18.65	18.61	19.7	5
15	256QAM	1	37	18.61	18.58	18.53		
15	256QAM	1	74	18.58	18.62	18.58		
15	256QAM	36	0	18.60	18.52	18.49	19.7	5
15	256QAM	36	20	18.60	18.63	18.46		
15	256QAM	36	39	18.53	18.53	18.57		
15	256QAM	75	0	18.61	18.64	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.56	23.66	23.63	24.7	0
10	QPSK	1	25	23.46	23.55	23.56		
10	QPSK	1	49	23.46	23.47	23.47		
10	QPSK	25	0	22.52	22.64	22.55	23.7	1
10	QPSK	25	12	22.46	22.51	22.41		
10	QPSK	25	25	22.56	22.39	22.47		
10	QPSK	50	0	22.52	22.67	22.55		
10	16QAM	1	0	22.56	22.67	22.78	23.7	1
10	16QAM	1	25	22.61	22.74	22.74		
10	16QAM	1	49	22.68	22.81	22.74		
10	16QAM	25	0	21.38	21.40	21.52	22.7	2
10	16QAM	25	12	21.53	21.53	21.50		
10	16QAM	25	25	21.47	21.51	21.48		
10	16QAM	50	0	21.43	21.48	21.47		
10	64QAM	1	0	21.49	21.64	21.59	22.7	2
10	64QAM	1	25	21.56	21.58	21.65		
10	64QAM	1	49	21.60	21.61	21.63		
10	64QAM	25	0	20.41	20.49	20.48	21.7	3
10	64QAM	25	12	20.54	20.49	20.48		
10	64QAM	25	25	20.48	20.46	20.51		
10	64QAM	50	0	20.51	20.51	20.43		
10	256QAM	1	0	18.57	18.57	18.55	19.7	5
10	256QAM	1	25	18.47	18.43	18.38		
10	256QAM	1	49	18.53	18.56	18.54		
10	256QAM	25	0	18.57	18.41	18.38	19.7	5
10	256QAM	25	12	18.55	18.48	18.36		
10	256QAM	25	25	18.45	18.40	18.45		
10	256QAM	50	0	18.47	18.56	18.34		
Channel				26718	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.58	23.69	23.53	24.7	0
5	QPSK	1	12	23.51	23.54	23.54		
5	QPSK	1	24	23.54	23.42	23.49		
5	QPSK	12	0	22.64	22.63	22.54	23.7	1
5	QPSK	12	7	22.45	22.45	22.48		
5	QPSK	12	13	22.45	22.43	22.38		
5	QPSK	25	0	22.56	22.60	22.47		
5	16QAM	1	0	22.59	22.67	22.66	23.7	1
5	16QAM	1	12	22.69	22.75	22.71		
5	16QAM	1	24	22.71	22.81	22.68		
5	16QAM	12	0	21.37	21.42	21.47	22.7	2
5	16QAM	12	7	21.44	21.47	21.53		
5	16QAM	12	13	21.47	21.51	21.45		
5	16QAM	25	0	21.44	21.55	21.47		
5	64QAM	1	0	21.42	21.61	21.69	22.7	2
5	64QAM	1	12	21.58	21.70	21.70		
5	64QAM	1	24	21.67	21.58	21.55		
5	64QAM	12	0	20.53	20.43	20.51	21.7	3
5	64QAM	12	7	20.52	20.53	20.47		
5	64QAM	12	13	20.52	20.46	20.48		
5	64QAM	25	0	20.41	20.45	20.51		
5	256QAM	1	0	18.53	18.64	18.60	19.7	5
5	256QAM	1	12	18.51	18.56	18.42		
5	256QAM	1	24	18.44	18.58	18.52		
5	256QAM	12	0	18.55	18.48	18.37	19.7	5
5	256QAM	12	7	18.45	18.55	18.43		
5	256QAM	12	13	18.48	18.42	18.48		
5	256QAM	25	0	18.60	18.51	18.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.52	23.61	23.64	24.7	0
3	QPSK	1	8	23.50	23.45	23.57		
3	QPSK	1	14	23.54	23.43	23.46		
3	QPSK	8	0	22.61	22.61	22.54	23.7	1
3	QPSK	8	4	22.42	22.53	22.41		
3	QPSK	8	7	22.43	22.46	22.48		
3	QPSK	15	0	22.57	22.66	22.55		
3	16QAM	1	0	22.52	22.65	22.65	23.7	1
3	16QAM	1	8	22.67	22.76	22.72		
3	16QAM	1	14	22.65	22.73	22.78		
3	16QAM	8	0	21.50	21.45	21.45	22.7	2
3	16QAM	8	4	21.49	21.45	21.54		
3	16QAM	8	7	21.45	21.44	21.42		
3	16QAM	15	0	21.51	21.46	21.46		
3	64QAM	1	0	21.45	21.54	21.61	22.7	2
3	64QAM	1	8	21.58	21.64	21.74		
3	64QAM	1	14	21.56	21.71	21.56		
3	64QAM	8	0	20.47	20.55	20.54	21.7	3
3	64QAM	8	4	20.51	20.52	20.54		
3	64QAM	8	7	20.54	20.52	20.52		
3	64QAM	15	0	20.42	20.50	20.55		
3	256QAM	1	0	18.59	18.53	18.57	19.7	5
3	256QAM	1	8	18.53	18.45	18.48		
3	256QAM	1	14	18.58	18.49	18.51		
3	256QAM	8	0	18.58	18.46	18.48	19.7	5
3	256QAM	8	4	18.57	18.52	18.43		
3	256QAM	8	7	18.42	18.40	18.56		
3	256QAM	15	0	18.55	18.63	18.41		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.73	23.52	24.7	0
1.4	QPSK	1	3	23.54	23.46	23.54		
1.4	QPSK	1	5	23.46	23.43	23.43		
1.4	QPSK	3	0	23.65	23.64	23.55		
1.4	QPSK	3	1	23.47	23.51	23.55		
1.4	QPSK	3	3	23.52	23.55	23.54		
1.4	QPSK	6	0	22.50	22.66	22.57	23.7	1
1.4	16QAM	1	0	22.54	22.44	22.47	23.7	1
1.4	16QAM	1	3	22.55	22.48	22.38		
1.4	16QAM	1	5	22.51	22.63	22.55		
1.4	16QAM	3	0	22.52	22.70	22.67		
1.4	16QAM	3	1	22.63	22.73	22.67		
1.4	16QAM	3	3	22.69	22.72	22.78		
1.4	16QAM	6	0	21.50	21.45	21.43	22.7	2
1.4	64QAM	1	0	21.55	21.44	21.47	22.7	2
1.4	64QAM	1	3	21.52	21.47	21.42		
1.4	64QAM	1	5	21.49	21.46	21.42		
1.4	64QAM	3	0	21.53	21.62	21.63		
1.4	64QAM	3	1	21.57	21.60	21.65		
1.4	64QAM	3	3	21.59	21.61	21.61		
1.4	64QAM	6	0	20.41	20.48	20.44	21.7	3
1.4	256QAM	1	0	18.61	18.58	18.48	19.7	5
1.4	256QAM	1	3	18.57	18.47	18.43		
1.4	256QAM	1	5	18.55	18.57	18.47		
1.4	256QAM	3	0	18.47	18.46	18.42		
1.4	256QAM	3	1	18.45	18.51	18.45		
1.4	256QAM	3	3	18.42	18.51	18.50		
1.4	256QAM	6	0	18.47	18.53	18.43	19.7	5

Band 26_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.63	23.69	23.65	25	0
15	QPSK	1	37	23.62	23.60	23.60		
15	QPSK	1	74	23.55	23.64	23.56		
15	QPSK	36	0	22.63	22.68	22.64	24	1
15	QPSK	36	20	22.60	22.59	22.63		
15	QPSK	36	39	22.61	22.61	22.60		
15	QPSK	75	0	22.62	22.65	22.62		
15	16QAM	1	0	23.00	22.66	22.58	24	1
15	16QAM	1	37	23.00	22.77	23.11		
15	16QAM	1	74	22.61	22.55	22.62		
15	16QAM	36	0	21.64	21.59	21.59	23	2
15	16QAM	36	20	21.70	21.64	21.63		
15	16QAM	36	39	21.62	21.57	21.59		
15	16QAM	75	0	21.62	21.64	21.67		
15	64QAM	1	0	21.84	21.55	22.00	23	2
15	64QAM	1	37	21.65	21.73	21.92		
15	64QAM	1	74	21.86	21.87	21.43		
15	64QAM	36	0	20.64	20.60	20.67	22	3
15	64QAM	36	20	20.67	20.66	20.66		
15	64QAM	36	39	20.60	20.59	20.59		
15	64QAM	75	0	20.61	20.64	20.64		
15	256QAM	1	0	18.63	18.65	18.61	20	5
15	256QAM	1	37	18.54	18.51	18.49		
15	256QAM	1	74	18.56	18.64	18.54		
15	256QAM	36	0	18.51	18.62	18.48	20	5
15	256QAM	36	20	18.51	18.59	18.49		
15	256QAM	36	39	18.60	18.55	18.56		
15	256QAM	75	0	18.59	18.62	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.62	23.58	23.52	25	0
10	QPSK	1	25	23.47	23.48	23.51		
10	QPSK	1	49	23.50	23.51	23.45		
10	QPSK	25	0	22.56	22.64	22.61	24	1
10	QPSK	25	12	22.45	22.46	22.60		
10	QPSK	25	25	22.52	22.54	22.52		
10	QPSK	50	0	22.51	22.64	22.54		
10	16QAM	1	0	22.57	22.59	22.56	24	1
10	16QAM	1	25	22.98	22.71	22.99		
10	16QAM	1	49	22.48	22.51	22.48		
10	16QAM	25	0	21.50	21.46	21.51	23	2
10	16QAM	25	12	21.63	21.56	21.56		
10	16QAM	25	25	21.53	21.53	21.58		
10	16QAM	50	0	21.57	21.57	21.61		
10	64QAM	1	0	21.83	21.40	21.92	23	2
10	64QAM	1	25	21.62	21.59	21.78		
10	64QAM	1	49	21.72	21.63	21.41		
10	64QAM	25	0	20.52	20.45	20.65	22	3
10	64QAM	25	12	20.65	20.53	20.61		
10	64QAM	25	25	20.48	20.57	20.52		
10	64QAM	50	0	20.50	20.49	20.57		
10	256QAM	1	0	18.49	18.62	18.46	20	5
10	256QAM	1	25	18.52	18.37	18.39		
10	256QAM	1	49	18.46	18.55	18.41		
10	256QAM	25	0	18.39	18.58	18.43	20	5
10	256QAM	25	12	18.49	18.54	18.48		
10	256QAM	25	25	18.46	18.48	18.42		
10	256QAM	50	0	18.46	18.55	18.44		
Channel				26718	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.49	23.58	23.59	25	0
5	QPSK	1	12	23.58	23.54	23.57		
5	QPSK	1	24	23.45	23.56	23.55		
5	QPSK	12	0	22.67	22.57	22.53	24	1
5	QPSK	12	7	22.55	22.46	22.49		
5	QPSK	12	13	22.57	22.60	22.50		
5	QPSK	25	0	22.60	22.54	22.54		
5	16QAM	1	0	22.89	22.57	22.47	24	1
5	16QAM	1	12	22.94	22.64	23.06		
5	16QAM	1	24	22.55	22.48	22.48		
5	16QAM	12	0	21.50	21.58	21.58	23	2
5	16QAM	12	7	21.58	21.57	21.58		
5	16QAM	12	13	21.57	21.54	21.47		
5	16QAM	25	0	21.56	21.59	21.55		
5	64QAM	1	0	21.72	21.47	21.86	23	2
5	64QAM	1	12	21.60	21.66	21.84		
5	64QAM	1	24	21.81	21.93	21.32		
5	64QAM	12	0	20.57	20.57	20.58	22	3
5	64QAM	12	7	20.63	20.61	20.63		
5	64QAM	12	13	20.48	20.46	20.44		
5	64QAM	25	0	20.53	20.50	20.57		
5	256QAM	1	0	18.48	18.62	18.49	20	5
5	256QAM	1	12	18.40	18.48	18.37		
5	256QAM	1	24	18.43	18.59	18.53		
5	256QAM	12	0	18.50	18.50	18.43	20	5
5	256QAM	12	7	18.37	18.54	18.44		
5	256QAM	12	13	18.55	18.49	18.50		
5	256QAM	25	0	18.50	18.60	18.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.59	23.65	23.62	25	0
3	QPSK	1	8	23.52	23.57	23.59		
3	QPSK	1	14	23.48	23.59	23.47		
3	QPSK	8	0	22.63	22.75	22.61	24	1
3	QPSK	8	4	22.54	22.55	22.53		
3	QPSK	8	7	22.49	22.59	22.49		
3	QPSK	15	0	22.56	22.59	22.49		
3	16QAM	1	0	22.93	22.62	22.52	24	1
3	16QAM	1	8	22.89	22.63	23.09		
3	16QAM	1	14	22.55	22.48	22.53		
3	16QAM	8	0	21.60	21.47	21.49	23	2
3	16QAM	8	4	21.47	21.47	21.52		
3	16QAM	8	7	21.57	21.43	21.51		
3	16QAM	15	0	21.56	21.60	21.62		
3	64QAM	1	0	21.79	21.51	21.87	23	2
3	64QAM	1	8	21.94	21.85	21.79		
3	64QAM	1	14	21.84	21.85	21.40		
3	64QAM	8	0	20.52	20.48	20.57	22	3
3	64QAM	8	4	20.54	20.57	20.56		
3	64QAM	8	7	20.53	20.52	20.52		
3	64QAM	15	0	20.60	20.61	20.59		
3	256QAM	1	0	18.62	18.64	18.46	20	5
3	256QAM	1	8	18.43	18.47	18.41		
3	256QAM	1	14	18.58	18.56	18.43		
3	256QAM	8	0	18.47	18.50	18.46	20	5
3	256QAM	8	4	18.37	18.57	18.42		
3	256QAM	8	7	18.45	18.50	18.55		
3	256QAM	15	0	18.52	18.49	18.45		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.58	23.63	25	0
1.4	QPSK	1	3	23.53	23.52	23.49		
1.4	QPSK	1	5	23.47	23.49	23.55		
1.4	QPSK	3	0	23.48	23.60	23.52		
1.4	QPSK	3	1	23.60	23.51	23.48		
1.4	QPSK	3	3	23.44	23.61	23.50		
1.4	QPSK	6	0	22.51	22.56	22.56	24	1
1.4	16QAM	1	0	22.47	22.51	22.60	24	1
1.4	16QAM	1	3	22.55	22.51	22.47		
1.4	16QAM	1	5	22.51	22.62	22.59		
1.4	16QAM	3	0	22.56	22.65	22.50		
1.4	16QAM	3	1	22.90	22.66	22.96		
1.4	16QAM	3	3	22.59	22.53	22.48		
1.4	16QAM	6	0	21.54	21.50	21.44	23	2
1.4	64QAM	1	0	21.55	21.55	21.59	23	2
1.4	64QAM	1	3	21.57	21.45	21.45		
1.4	64QAM	1	5	21.48	21.58	21.53		
1.4	64QAM	3	0	21.83	21.41	21.92		
1.4	64QAM	3	1	21.59	21.71	21.88		
1.4	64QAM	3	3	21.71	21.95	21.36		
1.4	64QAM	6	0	20.63	20.51	20.62	22	3
1.4	256QAM	1	0	18.53	18.51	18.59	20	5
1.4	256QAM	1	3	18.39	18.50	18.35		
1.4	256QAM	1	5	18.49	18.58	18.46		
1.4	256QAM	3	0	18.39	18.56	18.39		
1.4	256QAM	3	1	18.48	18.50	18.37		
1.4	256QAM	3	3	18.50	18.52	18.43		
1.4	256QAM	6	0	18.44	18.48	18.41	20	5

Band 66_Ant 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.85	23.90	23.83	24.7	0
20	QPSK	1	49	23.68	23.87	23.69		
20	QPSK	1	99	23.55	23.74	23.56		
20	QPSK	50	0	22.69	22.88	22.80	23.7	1
20	QPSK	50	24	22.69	22.83	22.75		
20	QPSK	50	50	22.62	22.79	22.71		
20	QPSK	100	0	22.80	22.86	22.78		
20	16QAM	1	0	23.06	23.09	22.98	23.7	1
20	16QAM	1	49	23.00	23.13	22.99		
20	16QAM	1	99

Band 66_Ant 31

BW [MHz]	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	20.95	20.97	20.93	21.9	0
20	QPSK	1	49	20.83	20.78	20.86		
20	QPSK	1	99	20.80	20.89	20.80		
20	QPSK	50	0	20.93	20.95	20.91		
20	QPSK	50	24	20.78	20.87	20.76		
20	QPSK	50	50	20.88	20.83	20.89		
20	QPSK	100	0	20.91	20.93	20.90		
20	16QAM	1	0	20.81	20.80	20.76	21.9	0
20	16QAM	1	49	20.90	20.82	20.86		
20	16QAM	1	99	20.89	20.81	20.87		
20	16QAM	50	0	20.79	20.89	20.83		
20	16QAM	50	24	20.79	20.82	20.88		
20	16QAM	50	50	20.80	20.81	20.77		
20	16QAM	100	0	20.80	20.88	20.79		
20	64QAM	1	0	20.76	20.82	20.87	21.9	0
20	64QAM	1	49	20.84	20.85	20.82		
20	64QAM	1	99	20.84	20.92	20.75		
20	64QAM	50	0	20.89	20.90	20.89		
20	64QAM	50	24	20.77	20.82	20.88		
20	64QAM	50	50	20.87	20.86	20.85		
20	64QAM	100	0	20.78	20.89	20.88		
20	256QAM	1	0	18.81	18.83	18.80	19.9	2
20	256QAM	1	49	18.74	18.82	18.74		
20	256QAM	1	99	18.79	18.81	18.73		
20	256QAM	50	0	18.71	18.82	18.75		
20	256QAM	50	24	18.69	18.72	18.79		
20	256QAM	50	50	18.78	18.69	18.73		
20	256QAM	100	0	18.76	18.72	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.84	20.80	20.82	21.9	0
15	QPSK	1	37	20.80	20.90	20.89		
15	QPSK	1	74	20.85	20.87	20.89		
15	QPSK	36	0	20.76	20.86	20.83		
15	QPSK	36	20	20.87	20.84	20.79		
15	QPSK	36	39	20.77	20.80	20.75		
15	QPSK	75	0	20.87	20.82	20.87		
15	16QAM	1	0	20.84	20.86	20.80	21.9	0
15	16QAM	1	37	20.90	20.89	20.85		
15	16QAM	1	74	20.84	20.79	20.82		
15	16QAM	36	0	20.84	20.81	20.89		
15	16QAM	36	20	20.80	20.81	20.89		
15	16QAM	36	39	20.88	20.92	20.76		
15	16QAM	75	0	20.87	20.90	20.80		
15	64QAM	1	0	20.82	20.78	20.76	21.9	0
15	64QAM	1	37	20.85	20.86	20.86		
15	64QAM	1	74	20.85	20.80	20.82		
15	64QAM	36	0	20.86	20.82	20.85		
15	64QAM	36	20	20.87	20.90	20.89	21.9	0
15	64QAM	36	39	20.84	20.82	20.75		
15	64QAM	75	0	20.77	20.89	20.81		
15	256QAM	1	0	18.73	18.76	18.70	19.9	2
15	256QAM	1	37	18.70	18.80	18.72		
15	256QAM	1	74	18.72	18.67	18.67		
15	256QAM	36	0	18.59	18.68	18.74		
15	256QAM	36	20	18.63	18.69	18.77		
15	256QAM	36	39	18.75	18.61	18.64		
15	256QAM	75	0	18.61	18.57	18.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.88	20.80	20.87	21.9	0
10	QPSK	1	25	20.84	20.84	20.84		
10	QPSK	1	49	20.88	20.87	20.84		
10	QPSK	25	0	20.89	20.86	20.77		
10	QPSK	25	12	20.77	20.88	20.75		
10	QPSK	25	25	20.79	20.92	20.81		
10	QPSK	50	0	20.85	20.90	20.87		
10	16QAM	1	0	20.90	20.87	20.88	21.9	0
10	16QAM	1	25	20.82	20.90	20.80		
10	16QAM	1	49	20.87	20.79	20.79		
10	16QAM	25	0	20.89	20.83	20.76		
10	16QAM	25	12	20.77	20.87	20.84		
10	16QAM	25	25	20.81	20.84	20.88		
10	16QAM	50	0	20.79	20.86	20.77		
10	64QAM	1	0	20.79	20.88	20.80	21.9	0
10	64QAM	1	25	20.89	20.86	20.76		
10	64QAM	1	49	20.79	20.78	20.79		
10	64QAM	25	0	20.85	20.79	20.86		
10	64QAM	25	12	20.84	20.92	20.84		
10	64QAM	25	25	20.76	20.88	20.88		
10	64QAM	50	0	20.90	20.91	20.83		
10	256QAM	1	0	18.75	18.70	18.72	19.9	2
10	256QAM	1	25	18.71	18.68	18.64		
10	256QAM	1	49	18.68	18.78	18.69		
10	256QAM	25	0	18.67	18.70	18.60		
10	256QAM	25	12	18.56	18.68	18.76		
10	256QAM	25	25	18.77	18.57	18.61		
10	256QAM	50	0	18.66	18.71	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.86	20.78	20.75	21.9	0
5	QPSK	1	12	20.88	20.89	20.83		
5	QPSK	1	24	20.82	20.81	20.80		
5	QPSK	12	0	20.76	20.85	20.88		
5	QPSK	12	7	20.78	20.83	20.89		
5	QPSK	12	13	20.84	20.87	20.79		
5	QPSK	25	0	20.89	20.84	20.81		
5	16QAM	1	0	20.82	20.80	20.80	21.9	0
5	16QAM	1	12	20.77	20.84	20.87		
5	16QAM	1	24	20.82	20.80	20.78		
5	16QAM	12	0	20.79	20.83	20.82		
5	16QAM	12	7	20.78	20.86	20.88		
5	16QAM	12	13	20.81	20.92	20.87		
5	16QAM	25	0	20.85	20.87	20.75		
5	64QAM	1	0	20.90	20.80	20.81	21.9	0
5	64QAM	1	12	20.89	20.84	20.88		
5	64QAM	1	24	20.88	20.86	20.75		
5	64QAM	12	0	20.82	20.83	20.80	21.9	0
5	64QAM	12	7	20.77	20.79	20.84		
5	64QAM	12	13	20.83	20.79	20.79		
5	64QAM	25	0	20.88	20.78	20.87		
5	256QAM	1	0	18.70	18.77	18.72	19.9	2
5	256QAM	1	12	18.60	18.67	18.68		
5	256QAM	1	24	18.68	18.68	18.64		
5	256QAM	12	0	18.69	18.69	18.73		
5	256QAM	12	7	18.61	18.68	18.72		
5	256QAM	12	13	18.65	18.55	18.58		
5	256QAM	25	0	18.64	18.67	18.68		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.80	20.90	20.84	21.9	0
3	QPSK	1	8	20.76	20.87	20.83		
3	QPSK	1	14	20.79	20.84	20.76		
3	QPSK	8	0	20.77	20.87	20.83		
3	QPSK	8	4	20.86	20.91	20.80		
3	QPSK	8	7	20.86	20.90	20.82		
3	QPSK	15	0	20.76	20.84	20.83		
3	16QAM	1	0	20.85	20.88	20.75	21.9	0
3	16QAM	1	8	20.84	20.88	20.85		
3	16QAM	1	14	20.90	20.89	20.86		
3	16QAM	8	0	20.89	20.78	20.77		
3	16QAM	8	4	20.77	20.80	20.76	21.9	0
3	16QAM	8	7	20.85	20.78	20.89		
3	16QAM	15	0	20.85	20.88	20.85		
3	64QAM	1	0	20.88	20.90	20.82	21.9	0
3	64QAM	1	8	20.83	20.92	20.88		
3	64QAM	1	14	20.80	20.79	20.81		
3	64QAM	8	0	20.79	20.92	20.75	21.9	0
3	64QAM	8	4	20.86	20.92	20.75		
3	64QAM	8	7	20.85	20.84	20.86		
3	64QAM	15	0	20.85	20.78	20.81		
3	256QAM	1	0	18.74	18.79	18.73	19.9	2
3	256QAM	1	8	18.66	18.68	18.73		
3	256QAM	1	14	18.78	18.79	18.68		
3	256QAM	8	0	18.68	18.81	18.69		
3	256QAM	8	4	18.63	18.57	18.70		
3	256QAM	8	7	18.72	18.68	18.60		
3	256QAM	15	0	18.74	18.61	18.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.89	20.83	20.78	21.9	0
1.4	QPSK	1	3	20.88	20.85	20.89		
1.4	QPSK	1	5	20.83	20.81	20.87		
1.4	QPSK	3	0	20.86	20.82	20.79		
1.4	QPSK	3	1	20.88	20.85	20.75		
1.4	QPSK	3	3	20.76	20.80	20.81		
1.4	QPSK	6	0	20.81	20.89	20.86	21.9	0
1.4	16QAM	1	0	20.86	20.88	20.76	21.9	0
1.4	16QAM	1	3	20.87	20.79	20.86		
1.4	16QAM	1	5	20.84	20.88	20.88		
1.4	16QAM	3	0	20.81	20.80	20.76		
1.4	16QAM	3	1	20.83	20.90	20.82		
1.4	16QAM	3	3	20.84	20.91	20.89		
1.4	16QAM	6	0	20.83	20.84	20.87	21.9	0
1.4	64QAM	1	0	20.87	20.89	20.77	21.9	0
1.4	64QAM	1	3	20.83	20.87	20.75		
1.4	64QAM	1	5	20.78	20.80	20.88		
1.4	64QAM	3	0	20.81	20.92	20.75		
1.4	64QAM	3	1	20.87	20.84	20.81		
1.4	64QAM	3	3	20.86	20.78	20.75		
1.4	64QAM	6	0	20.85	20.79	20.84	21.9	0
1.4	256QAM	1	0	18.78	18.72	18.77	19.9	2
1.4	256QAM	1	3	18.63	18.72	18.64		
1.4	256QAM	1	5	18.75	18.71	18.70		
1.4	256QAM	3	0	18.68	18.69	18.63		
1.4	256QAM	3	1	18.63	18.70	18.72		
1.4	256QAM	3	3	18.72	18.54	18.63		
1.4	256QAM	6	0	18.62	18.59	18.65	19.9	2

Band 66_Ant 11

BW [MHz]	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	23.76	23.80	23.75	24.9	0
20	QPSK	1	49	23.65	23.77	23.67		
20	QPSK	1	99	23.57	23.65	23.58		
20	QPSK	50	0	22.76	22.80	22.75		
20	QPSK	50	24	22.69	22.76	22.73		
20	QPSK	50	50	22.67	22.74	22.71	23.9	1
20	QPSK	100	0	22.67	22.77	22.74		
20	16QAM	1	0	23.08	23.04	22.85	23.9	1
20	16QAM	1	49	23.00	23.03	22.96		
20	16QAM	1	99	22.87	22.86	22.80		
20	16QAM	50	0	21.66	21.79	21.75	22.9	2
20	16QAM	50	24	21.70	21.76	21.71		
20	16QAM	50	50	21.67	21.74	21.70		
20	16QAM	100	0	21.66	21.74	21.70		
20	64QAM	1	0	21.85	21.86	21.80	22.9	2
20	64QAM	1	49	21.80	21.93	21.85		
20	64QAM	1	99	21.72	21.82	21.74		
20	64QAM	50	0	20.68	20.77	20.73	21.9	3
20	64QAM	50	24	20.69	20.75	20.70		
20	64QAM	50	50	20.68	20.74	20.68		
20	64QAM	100	0	20.68	20.76	20.69		
20	256QAM	1	0	18.80	18.81	18.78	19.9	5
20	256QAM	1	49	18.73	18.70	18.75		
20	256QAM	1	99	18.65	18.71	18.73		
20	256QAM	50	0	18.74	18.67	18.70		
20	256QAM	50	24	18.79	18.73	18.72	19.9	5
20	256QAM	50	50	18.72	18.70	18.72		
20	256QAM	100	0	18.68	18.70	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.65	23.78	23.69	24.9	0
15	QPSK	1	37	23.55	23.62	23.58		
15	QPSK	1	74	23.49	23.57	23.57		
15	QPSK	36	0	22.68	22.69	22.62	23.9	1
15	QPSK	36	20	22.54	22.75	22.61		
15	QPSK	36	39	22.54	22.64	22.60		
15	QPSK	75	0	22.66	22.68	22.62		
15	16QAM	1	0	23.01	22.90	22.80	23.9	1
15	16QAM	1	37	22.91	23.01	22.89		
15	16QAM	1	74	22.77	22.85	22.71		
15	16QAM	36	0	21.60	21.68	21.70	22.9	2
15	16QAM	36	20	21.67	21.70	21.60		
15	16QAM	36	39	21.55	21.61	21.63		
15	16QAM	75	0	21.60	21.59	21.67		
15	64QAM	1	0	21.84	21.82	21.72	22.9	2
15	64QAM	1	37	21.67	21.89	21.80		
15	64QAM	1	74	21.67	21.77	21.62		
15	64QAM	36	0	20.57	20.66	20.63	21.9	3
15	64QAM	36	20	20.61	20.65	20.57		
15	64QAM	36	39	20.55	20.66	20.64		
15	64QAM	75	0	20.64	20.73	20.56		
15	256QAM	1	0	18.76	18.67	18.70	19.9	5
15	256QAM	1	37	18.68	18.67	18.71		
15	256QAM	1	74	18.60	18.59	18.58		
15	256QAM	36	0	18.71	18.55	18.68		
15	256QAM	36	20	18.69	18.64	18.60	19.9	5
15	256QAM	36	39	18.58	18.57	18.59		
15	256QAM	75	0	18.54	18.58	18.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.72	23.74	23.62	24.9	0
10	QPSK	1	25	23.55	23.68	23.64		
10	QPSK	1	49	23.44	23.53	23.55		
10	QPSK	25	0	22.75	22.68	22.70	23.9	1
10	QPSK	25	12	22.55	22.61	22.69		
10	QPSK	25	25	22.59	22.69	22.56		
10	QPSK	50	0	22.65	22.72	22.59		
10	16QAM	1	0	23.07	23.01	22.76	23.9	1
10	16QAM	1	25	22.95	22.89	22.95		
10	16QAM	1	49	22.83	22.73	22.77		
10	16QAM	25	0	21.64	21.66	21.68	22.9	2
10	16QAM	25	12	21.64	21.69	21.68		
10	16QAM	25	25	21.61	21.60	21.63		
10	16QAM	50	0	21.52	21.66	21.57		
10	64QAM	1	0	21.77	21.80	21.67	22.9	2
10	64QAM	1	25	21.76	21.80	21.81		
10	64QAM	1	49	21.68	21.75	21.59		
10	64QAM	25	0	20.61	20.75	20.65	21.9	3
10	64QAM	25	12	20.68	20.73	20.57		
10	64QAM	25	25	20.61	20.61	20.59		
10	64QAM	50	0	20.58	20.74	20.55		
10	256QAM	1	0	18.69	18.68	18.75	19.9	5
10	256QAM	1	25	18.65	18.64	18.72		
10	256QAM	1	49	18.63	18.66	18.61		
10	256QAM	25	0	18.70	18.61	18.66	19.9	5
10	256QAM	25	12	18.70	18.59	18.63		
10	256QAM	25	25	18.64	18.56	18.66		
10	256QAM	50	0	18.56	18.55	18.62		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.66	23.77	23.72	24.9	0
5	QPSK	1	12	23.55	23.76	23.66		
5	QPSK	1	24	23.45	23.64	23.57		
5	QPSK	12	0	22.68	22.70	22.66	23.9	1
5	QPSK	12	7	22.68	22.73	22.69		
5	QPSK	12	13	22.63	22.61	22.61		
5	QPSK	25	0	22.61	22.76	22.61		
5	16QAM	1	0	23.02	23.03	22.80	23.9	1
5	16QAM	1	12	22.92	22.94	22.91		
5	16QAM	1	24	22.72	22.79	22.74		
5	16QAM	12	0	21.57	21.77	21.60	22.9	2
5	16QAM	12	7	21.66	21.67	21.68		
5	16QAM	12	13	21.56	21.73	21.55		
5	16QAM	25	0	21.63	21.60	21.64		
5	64QAM	1	0	21.72	21.73	21.73	22.9	2
5	64QAM	1	12	21.69	21.82	21.84		
5	64QAM	1	24	21.57	21.71	21.66		
5	64QAM	12	0	20.53	20.72	20.62	21.9	3
5	64QAM	12	7	20.62	20.64	20.58		
5	64QAM	12	13	20.57	20.72	20.58		
5	64QAM	25	0	20.56	20.68	20.54		
5	256QAM	1	0	18.66	18.73	18.63	19.9	5
5	256QAM	1	12	18.72	18.57	18.66		
5	256QAM	1	24	18.64	18.66	18.69		
5	256QAM	12	0	18.72	18.64	18.63		
5	256QAM	12	7	18.71	18.61	18.57	19.9	5
5	256QAM	12	13	18.66	18.65	18.58		
5	256QAM	25	0	18.57	18.58	18.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.70	23.78	23.71	24.9	0
3	QPSK	1	8	23.55	23.69	23.59		
3	QPSK	1	14	23.54	23.51	23.55		
3	QPSK	8	0	22.76	22.75	22.72	23.9	1
3	QPSK	8	4	22.54	22.70	22.62		
3	QPSK	8	7	22.59	22.73	22.62		
3	QPSK	15	0	22.59	22.62	22.72		
3	16QAM	1	0	22.97	23.03	22.75	23.9	1
3	16QAM	1	8	22.95	23.00	22.88		
3	16QAM	1	14	22.78	22.74	22.78		
3	16QAM	8	0	21.53	21.74	21.68	22.9	2
3	16QAM	8	4	21.64	21.67	21.70		
3	16QAM	8	7	21.56	21.66	21.66		
3	16QAM	15	0	21.53	21.62	21.57		
3	64QAM	1	0	21.73	21.83	21.74	22.9	2
3	64QAM	1	8	21.78	21.91	21.76		
3	64QAM	1	14	21.67	21.71	21.65		
3	64QAM	8	0	20.64	20.71	20.58	21.9	3
3	64QAM	8	4	20.62	20.61	20.66		
3	64QAM	8	7	20.67	20.69	20.65		
3	64QAM	15	0	20.60	20.72	20.68		
3	256QAM	1	0	18.69	18.80	18.64	19.9	5
3	256QAM	1	8	18.71	18.59	18.60		
3	256QAM	1	14	18.80	18.61	18.70		
3	256QAM	8	0	18.68	18.62	18.61		
3	256QAM	8	4	18.78	18.59	18.64	19.9	5
3	256QAM	8	7	18.59	18.68	18.63		
3	256QAM	15	0	18.53	18.55	18.71		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.70	23.70	23.74	24.9	0
1.4	QPSK	1	3	23.53	23.70	23.53		
1.4	QPSK	1	5	23.44	23.61	23.53		
1.4	QPSK	3	0	23.68	23.70	23.63		
1.4	QPSK	3	1	23.57	23.64	23.58		
1.4	QPSK	3	3	23.43	23.64	23.49		
1.4	QPSK	6	0	22.71	22.68	22.69	23.9	1
1.4	16QAM	1	0	22.67	22.67	22.71	23.9	1
1.4	16QAM	1	3	22.61	22.69	22.68		
1.4	16QAM	1	5	22.59	22.65	22.62		
1.4	16QAM	3	0	22.98	23.03	22.82		
1.4	16QAM	3	1	22.97	22.98	22.84		
1.4	16QAM	3	3	22.76	22.75	22.71		
1.4	16QAM	6	0	21.64	21.74	21.66	22.9	2
1.4	64QAM	1	0	21.62	21.70	21.63	22.9	2
1.4	64QAM	1	3	21.57	21.68	21.59		
1.4	64QAM	1	5	21.65	21.59	21.57		
1.4	64QAM	3	0	21.79	21.79	21.67		
1.4	64QAM	3	1	21.71	21.78	21.83		
1.4	64QAM	3	3	21.69	21.79	21.67		
1.4	64QAM	6	0	20.66	20.72	20.58	21.9	3
1.4	256QAM	1	0	18.71	18.71	18.63	19.9	5
1.4	256QAM	1	3	18.58	18.55	18.70		
1.4	256QAM	1	5	18.50	18.56	18.65		
1.4	256QAM	3	0	18.59	18.62	18.67		
1.4	256QAM	3	1	18.75	18.70	18.71		
1.4	256QAM	3	3	18.64	18.61	18.61		
1.4	256QAM	6	0	18.60	18.62	18.67	19.9	5

Band 38_Ant 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.56	22.58	22.55	23.7	0
20	QPSK	1	49	22.36	22.39	22.39		
20	QPSK	1	99	22.49	22.49	22.49		
20	QPSK	50	0	22.55	22.56	22.53		
20	QPSK	50	24	22.41	22.47	22.44		
20	QPSK	50	50	22.44	22.38	22.44		
20	QPSK	100	0	22.51	22.53	22.50		
20	16QAM	1	0	22.48	22.51	22.45		
20	16QAM	1	49	22.48	22.39	22.46	23.7	0
20	16QAM	1	99	22.37	22.42	22.44		
20	16QAM	50	0	21.50	21.32	21.41		
20	16QAM	50	24	21.54	21.36	21.44		
20	16QAM	50	50	21.54	21.36	21.46	22.7	1
20	16QAM	100	0	21.51	21.33	21.41		
20	64QAM	1	0	21.20	21.01	21.10		
20	64QAM	1	49	21.32	21.12	21.23	22.7	1
20	64QAM	1	99	21.28	21.10	21.16		
20	64QAM	50	0	20.47	20.29	20.39		
20	64QAM	50	24	20.53	20.34	20.45	21.7	2
20	64QAM	50	50	20.52	20.34	20.41		
20	64QAM	100	0	20.51	20.31	20.41		
20	256QAM	1	0	18.36	18.38	18.35		
20	256QAM	1	49	18.21	18.36	18.25	19.7	4
20	256QAM	1	99	18.28	18.32	18.23		
20	256QAM	50	0	18.25	18.29	18.20		
20	256QAM	50	24	18.35	18.32	18.28	19.7	4
20	256QAM	50	50	18.28	18.25	18.31		
20	256QAM	100	0	18.21	18.33	18.29		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.40	22.39	22.36		
15	QPSK	1	37	22.41	22.39	22.42	23.7	0
15	QPSK	1	74	22.39	22.45	22.39		
15	QPSK	36	0	22.37	22.40	22.49		
15	QPSK	36	20	22.44	22.40	22.35	23.7	0
15	QPSK	36	39	22.36	22.46	22.40		
15	QPSK	75	0	22.49	22.43	22.44		
15	QPSK	75	37	22.44	22.39	22.43		
15	16QAM	1	0	22.41	22.46	22.46	23.7	0
15	16QAM	1	37	22.37	22.46	22.46		
15	16QAM	1	74	22.37	22.46	22.46		
15	16QAM	36	0	21.38	21.24	21.40		
15	16QAM	36	20	21.44	21.21	21.35	22.7	1
15	16QAM	36	39	21.43	21.29	21.33		
15	16QAM	75	0	21.46	21.27	21.40		
15	64QAM	1	0	21.08	20.93	20.97		
15	64QAM	1	37	21.31	21.04	21.10	22.7	1
15	64QAM	1	74	21.13	21.04	21.15		
15	64QAM	36	0	20.38	20.18	20.30		
15	64QAM	36	20	20.46	20.21	20.31	21.7	2
15	64QAM	36	39	20.44	20.26	20.39		
15	64QAM	75	0	20.47	20.24	20.34		
15	256QAM	1	0	18.25	18.32	18.27		
15	256QAM	1	37	18.15	18.30	18.24	19.7	4
15	256QAM	1	74	18.15	18.27	18.18		
15	256QAM	36	0	18.13	18.26	18.09		
15	256QAM	36	20	18.32	18.25	18.24	19.7	4
15	256QAM	36	39	18.20	18.23	18.27		
15	256QAM	75	0	18.16	18.30	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.44	22.41	22.37		
10	QPSK	1	25	22.38	22.46	22.44	23.7	0
10	QPSK	1	49	22.36	22.41	22.43		
10	QPSK	25	0	22.48	22.45	22.48		
10	QPSK	25	12	22.48	22.42	22.45	23.7	0
10	QPSK	25	25	22.40	22.49	22.48		
10	QPSK	50	0	22.40	22.39	22.48		
10	16QAM	1	0	22.36	22.48	22.47		
10	16QAM	1	25	22.37	22.40	22.40	23.7	0
10	16QAM	1	49	22.38	22.42	22.41		
10	16QAM	25	0	21.48	21.29	21.32		
10	16QAM	25	12	21.46	21.31	21.33	22.7	1
10	16QAM	25	25	21.50	21.26	21.33		
10	16QAM	50	0	21.43	21.30	21.37		
10	64QAM	1	0	21.15	20.87	21.07		
10	64QAM	1	25	21.30	21.10	21.17	22.7	1
10	64QAM	1	49	21.23	20.95	21.13		
10	64QAM	25	0	20.32	20.23	20.24		
10	64QAM	25	12	20.41	20.33	20.40	21.7	2
10	64QAM	25	25	20.51	20.23	20.33		
10	64QAM	50	0	20.46	20.29	20.33		
10	256QAM	1	0	18.27	18.35	18.33		
10	256QAM	1	25	18.11	18.21	18.21	19.7	4
10	256QAM	1	49	18.18	18.21	18.08		
10	256QAM	25	0	18.12	18.25	18.18		
10	256QAM	25	12	18.25	18.17	18.23	19.7	4
10	256QAM	25	25	18.13	18.18	18.24		
10	256QAM	50	0	18.20	18.20	18.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.48	22.50	22.40		
5	QPSK	1	12	22.43	22.42	22.38	23.7	0
5	QPSK	1	24	22.38	22.48	22.47		
5	QPSK	12	0	22.44	22.48	22.48		
5	QPSK	12	7	22.46	22.51	22.46	23.7	0
5	QPSK	12	13	22.47	22.51	22.41		
5	QPSK	25	0	22.37	22.42	22.46		
5	16QAM	1	0	22.48	22.45	22.49		
5	16QAM	1	12	22.49	22.45	22.36	23.7	0
5	16QAM	1	24	22.48	22.47	22.39		
5	16QAM	12	0	21.37	21.24	21.29		
5	16QAM	12	7	21.50	21.26	21.30	22.7	1
5	16QAM	12	13	21.39	21.30	21.31		
5	16QAM	25	0	21.36	21.27	21.29		
5	64QAM	1	0	21.17	20.98	21.03		
5	64QAM	1	12	21.23	21.07	21.21	22.7	1
5	64QAM	1	24	21.26	21.07	21.07		
5	64QAM	12	0	20.40	20.28	20.36		
5	64QAM	12	7	20.49	20.27	20.42	21.7	2
5	64QAM	12	13	20.47	20.32	20.38		
5	64QAM	25	0	20.45	20.22	20.36		
5	256QAM	1	0	18.22	18.35	18.33		
5	256QAM	1	12	18.08	18.27	18.22	19.7	4
5	256QAM	1	24	18.20	18.18	18.22		
5	256QAM	12	0	18.16	18.14	18.18		
5	256QAM	12	7	18.34	18.26	18.15	19.7	4
5	256QAM	12	13	18.15	18.17	18.22		
5	256QAM	25	0	18.14	18.29	18.25		

Band 38_Ant 31

BW [MHz]	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	22.31	22.36	22.24	23.5	0
20	QPSK	1	49	22.30	22.03	22.21		
20	QPSK	1	99	22.21	22.10	22.10		
20	QPSK	50	0	22.30	22.35	22.23		
20	QPSK	50	24	22.27	22.01	22.09		
20	QPSK	50	50	22.28	22.11	22.07		
20	QPSK	100	0	22.28	22.31	22.21		
20	16QAM	1	0	22.20	22.06	22.14		
20	16QAM	1	49	22.32	22.08	22.18	23.5	0
20	16QAM	1	99	22.26	22.06	22.17		
20	16QAM	50	0	21.24	20.97	21.06		
20	16QAM	50	24	21.28	21.11	21.17	22.5	1
20	16QAM	50	50	21.23	21.08	21.16		
20	16QAM	100	0	21.22	21.03	21.10		
20	64QAM	1	0	20.97	20.69	20.76		
20	64QAM	1	49	21.05	20.90	20.89	22.5	1
20	64QAM	1	99	20.99	20.76	20.85		
20	64QAM	50	0	20.18	20.00	20.06		
20	64QAM	50	24	20.26	20.04	20.17	21.5	2
20	64QAM	50	50	20.20	20.02	20.11		
20	64QAM	100	0	20.19	19.99	20.05		
20	256QAM	1	0	18.07	18.08	18.05		
20	256QAM	1	49	17.97	17.98	18.00	19.5	4
20	256QAM	1	99	17.98	18.01	18.03		
20	256QAM	50	0	18.04	18.06	18.02		
20	256QAM	50	24	17.98	18.06	17.93	19.5	4
20	256QAM	50	50	17.97	18.04	17.93		
20	256QAM	100	0	18.02	17.94	17.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.24	22.26	22.18		
15	QPSK	1	37	22.24	21.89	22.07	23.5	0
15	QPSK	1	74	22.11	21.95	22.05		
15	QPSK	36	0	22.23	22.23	22.11		
15	QPSK	36	20	22.19	21.90	21.95	23.5	0
15	QPSK	36	39	22.21	21.98	21.96		
15	QPSK	75	0	22.19	22.24	22.09		
15	QPSK	75	37	22.05	21.97	21.99		
15	16QAM	1	0	22.20	21.95	22.05	23.5	0
15	16QAM	1	37	22.13	22.00	22.11		
15	16QAM	1	74	22.13	22.00	22.11		
15	16QAM	36	0	21.15	20.89	20.93		
15	16QAM	36	20	21.20	20.96	21.02	22.5	1
15	16QAM	36	39	21.16	20.95	21.08		
15	16QAM	75	0	21.11	20.90	20.99		
15	64QAM	1	0	20.87	20.54	20.66		
15	64QAM	1	37	20.93	20.84	20.77	22.5	1
15	64QAM	1	74	20.85	20.61	20.73		
15	64QAM	36	0	20.03	19.95	19.99		
15	64QAM	36	20	20.11	19.92	20.02	21.5	2
15	64QAM	36	39	20.06	19.97	19.99		
15	64QAM	75	0	20.14	19.89	19.91		
15	256QAM	1	0	17.95	18.00	18.00		
15	256QAM	1	37	17.83	17.90	17.96	19.5	4
15	256QAM	1	74	17.85	17.95	17.92		
15	256QAM	36	0	17.99	18.01	17.94		
15	256QAM	36	20	17.98	17.96	17.89	19.5	4
15	256QAM	36	39	17.96	17.91	17.92		
15	256QAM	75	0	17.95	17.83	17.84		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.26	22.22	22.10		
10	QPSK	1	25	22.22	21.95	22.07	23.5	0
10	QPSK	1	49	22.07	22.01	22.00		
10	QPSK	25	0	22.22	22.21	22.09		
10	QPSK	25	12	22.13	21.89	21.94	23.5	0
10	QPSK	25	25	22.21	22.02	21.94		
10	QPSK	50	0	22.17	22.18	22.09		
10	16QAM	1	0	22.09	21.97	22.09		
10	16QAM	1	25	22.21	21.93	22.11	23.5	0
10	16QAM	1	49	22.16	21.91	22.03		
10	16QAM	25	0	21.17	20.82	20.92		
10	16QAM	25	12	21.21	20.96	21.07	22.5	1
10	16QAM	25	25	21.12	21.00	21.06		
10	16QAM	50	0	21.09	20.92	21.01		
10	64QAM	1	0	20.92	20.58	20.66		
10	64QAM	1	25	20.90	20.81	20.83	22.5	1
10	64QAM	1	49	20.84	20.62	20.75		
10	64QAM	25	0	20.13	19.90	19.97		
10	64QAM	25	12	20.21	19.96	20.08	21.5	2
10	64QAM	25	25	20.06	19.88	19.96		
10	64QAM	50	0	20.13	19.90	19.95		
10	256QAM	1	0	18.02	17.96	17.97		
10	256QAM	1	25	17.90	17.98	17.97	19.5	4
10	256QAM	1	49	17.83	17.96	17.98		
10	256QAM	25	0	17.91	18.05	18.01		
10	256QAM	25	12	17.91	17.97	17.89	19.5	4
10	256QAM	25	25	17.82	17.89	17.86		
10	256QAM	50	0	17.87	17.92	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.20	22.28	22.11		
5	QPSK	1	12	22.19	21.90	22.06	23.5	0
5	QPSK	1	24	22.12	22.01	22.01		
5	QPSK	12	0	22.18	22.20	22.13		
5	QPSK	12	7	22.12	21.88	22.03	23.5	0
5	QPSK	12	13	22.22	22.05	21.98		
5	QPSK	25	0	22.23	22.19	22.08		
5	16QAM	1	0	22.05	21.93	22.05		
5	16QAM	1	12	22.20	21.94	22.06	23.5	0
5	16QAM	1	24	22.15	21.99	22.08		
5	16QAM	12	0	21.12	20.87	20.95		
5	16QAM	12	7	21.16	20.96	21.04	22.5	1
5	16QAM	12	13	21.12	20.98	21.11		
5	16QAM	25	0	21.11	20.96	21.02		
5	64QAM	1	0	20.92	20.60	20.71		
5	64QAM	1	12	20.98	20.79	20.78	22.5	1
5	64QAM	1	24	20.85	20.63	20.72		
5	64QAM	12	0	20.12	19.95	20.01		
5	64QAM	12	7	20.17	19.96	20.10	21.5	2
5	64QAM	12	13	20.05	19.94	20.01		
5	64QAM	25	0	20.09	19.84	19.91		
5	256QAM	1	0	17.96	17.95	17.94		
5	256QAM	1	12	17.92	17.85	17.85	19.5	4
5	256QAM	1	24	17.96	17.98	18.01		
5	256QAM	12	0	17.98	17.92	17.90		
5	256QAM	12	7	17.96	17.96	17.93	19.5	4
5	256QAM	12	13	17.94	17.92	17.87		
5	256QAM	25	0	17.91	17.90	17.95		

Band 38_Ant 11

BW [MHz]	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	23.23	23.26	23.15		
20	QPSK	1	49	23.21	22.96	22.97	24.5	0
20	QPSK	1	99	23.12	22.87	22.91		
20	QPSK	50	0	22.16	22.23	22.17		
20	QPSK	50	24	22.15	21.90	21.94		
20	QPSK	50	50	22.13	21.86	21.89	23.5	1
20	QPSK	100	0	22.11	22.20	21.90		
20	16QAM	1	0	22.13	21.87	21.89		
20	16QAM	1	49	22.21	21.91	21.96	23.5	1
20	16QAM	1	99	22.12	21.87	21.91		
20	16QAM	50	0	21.24	20.96	20.98		
20	16QAM	50	24	21.26	21.00	21.03	22.5	2
20	16QAM	50	50	21.23	20.98	21.02		
20	16QAM	100	0	21.21	20.95	20.98		
20	64QAM	1	0	20.96	20.67	20.69		
20	64QAM	1	49	21.02	20.77	20.78	22.5	2
20	64QAM	1	99	20.92	20.70	20.73		
20	64QAM	50	0	20.22	19.96	19.97		
20	64QAM	50	24	20.24	19.99	20.00	21.5	3
20	64QAM	50	50	20.21	19.97	19.97		
20	64QAM	100	0	20.21	19.95	19.97		
20	256QAM	1	0	18.08	18.10	18.06		
20	256QAM	1	49	18.06	18.02	18.01	19.5	5
20	256QAM	1	99	17.98	17.95	18.00		
20	256QAM	50	0	17.98	18.08	17.98		
20	256QAM	50	24	18.01	18.01	17.97	19.5	5
20	256QAM	50	50	17.94	18.00	18.05		
20	256QAM	100	0	17.97	18.06	18.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.21	23.12	23.06		
15	QPSK	1	37	23.10	22.82	22.89	24.5	0
15	QPSK	1	74	22.98	22.74	22.82		
15	QPSK	36	0	22.17	22.21	22.04		
15	QPSK	36	20	22.05	21.78	21.82	23.5	1
15	QPSK	36	39	22.06	21.75	21.87		
15	QPSK	75	0	21.96	22.11	21.75		
15	QPSK	75	37	22.10	21.81	21.79		
15	16QAM	1	0	22.14	21.80	21.90	23.5	1
15	16QAM	1	37	21.97	21.79	21.78		
15	16QAM	1	74	21.97	21.79	21.78		
15	16QAM	36	0	21.09	20.92	20.90		
15	16QAM	36	20	21.15	20.96	20.89	22.5	2
15	16QAM	36	39	21.20	20.89	20.96		
15	16QAM	75	0	21.19	20.84	20.87		
15	64QAM	1	0	20.90	20.65	20.60		
15	64QAM	1	37	20.93	20.71	20.63	22.5	2
15	64QAM	1	74	20.90	20.57	20.68		
15	64QAM	36	0	20.21	19.94	19.86		
15	64QAM	36	20	20.13	19.97	19.88	21.5	3
15	64QAM	36	39	20.20	19.93	19.85		
15	64QAM	75	0	20.14	19.83	19.93		
15	256QAM	1	0	18.04	18.08	17.91		
15	256QAM	1	37	17.96	17.87	18.00	19.5	5
15	256QAM	1	74	17.94	17.91	17.92		
15	256QAM	36	0	17.85	18.07	17.83		
15	256QAM	36	20	17.90	17.87	17.82	19.5	5
15	256QAM	36	39	17.89	17.95	17.95		
15	256QAM	75	0	17.85	18.04	17.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.16	23.18	23.00		
10	QPSK	1	25	23.09	22.95	22.85	24.5	0
10	QPSK	1	49	23.00	22.83	22.80		
10	QPSK	25	0	22.98	22.21	21.96		
10	QPSK	25	12	22.03	21.80	21.89	23.5	1
10	QPSK	25	25	22.03	21.74	21.76		
10	QPSK	50	0	22.03	22.15	21.81		
10	16QAM	1	0	22.00	21.82	21.84		
10	16QAM	1	25	22.07	21.78	21.85	23.5	1
10	16QAM	1	49	22.08	21.72	21.83		
10	16QAM	25	0	21.22	20.81	20.86		
10	16QAM	25	12	21.15	20.85	20.98	22.5	2
10	16QAM	25	25	21.20	20.97	20.97		
10	16QAM	50	0	21.20	20.90	20.95		
10	64QAM	1	0	20.84	20.61	20.59		
10	64QAM	1	25	20.99	20.69	20.76	22.5	2
10	64QAM	1	49	20.78	20.59	20.64		
10	64QAM	25	0	20.10	19.84	19.92		
10	64QAM	25	12	20.10	19.97	19.99	21.5	3
10	64QAM	25	25	20.06	19.92	19.85		
10	64QAM	50	0	20.07	19.92	19.86		
10	256QAM	1	0	18.01	18.02	17.92		
10	256QAM	1	25	18.00	17.91	17.98	19.5	5
10	256QAM	1	49	17.96	17.91	17.91		
10	256QAM	25	0	17.89	18.05	17.92		
10	256QAM	25	12	17.90	17.94	17.96	19.5	5
10	256QAM	25	25	17.83	17.87	17.95		
10	256QAM	50	0	17.88	18.01	17.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.14	23.21	23.00		
5	QPSK	1	12	23.18	22.85	22.96	24.5	0
5	QPSK	1	24	22.99	22.76	22.85		
5	QPSK	12	0	22.97	22.21	22.00		
5	QPSK	12	7	22.06	21.89	21.89	23.5	1
5	QPSK	12	13	22.11	21.80	21.86		
5	QPSK	25	0	22.03	22.13	21.85		
5	16QAM	1	0	22.12	21.85	21.94		
5	16QAM	1	12	22.12	21.84	21.92	23.5	1
5	16QAM	1	24	22.05	21.86	21.82		
5	16QAM	12	0	21.13	20.93	20.96		
5	16QAM	12	7	21.20	20.89	20.94	22.5	2
5	16QAM	12	13	21.22	20.89	20.91		
5	16QAM	25	0	21.10	20.91	20.86		
5	64QAM	1	0	20.93	20.60	20.55		
5	64QAM	1	12	20.93	20.64	20.65	22.5	2
5	64QAM	1	24	20.87	20.64	20.66		
5	64QAM	12	0	20.13	19.90	19.87		
5	64QAM	12	7	20.12	19.92	19.99	21.5	3
5	64QAM	12	13	20.18	19.93	19.95		
5	64QAM	25	0	20.14	19.92	19.91		
5	256QAM	1	0	18.04	18.02	17.93		
5	256QAM	1	12	17.96	17.89	17.97	19.5	5
5	256QAM	1	24	17.92	17.92	17.91		
5	256QAM	12	0	17.84	17.98	17.87		
5	256QAM	12	7	17.99	17.97	17.87	19.5	5
5	256QAM	12	13	17.81	17.88	17.90		
5	256QAM	25	0	17.88	18.05	17.85		

Band 41_Ant 13

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	22.73	23.01	22.99	22.89	22.95		
20	QPSK	1	49	22.66	22.83	22.91	22.71	22.77	24	0
20	QPSK	1	99	22.57	22.95	22.87	22.72	22.77		
20	QPSK	50	0	22.71	23.00	22.97	22.89	22.93		
20	QPSK	50	24	22.63	22.92	22.84	22.73	22.82	24	0
20	QPSK	50	50	22.55	22.84	22.91	22.73	22.86		
20	QPSK	100	0	22.70	22.98	22.95	22.86	22.91		
20	16QAM	1	0	22.66	22.90	22.90	22.84	22.83		
20	16QAM	1	49	22.58	22.95	22.88	22.77	22.89	24	0
20	16QAM	1	99	22.64	22.83	22.84	22.80	22.82		
20	16QAM	50	0	21.55	21.68	21.84	21.78	21.75		
20	16QAM	50	24	21.58	21.74	21.79	21.81	21.86	23	1
20	16QAM	50	50	21.64	21.67	21.79	21.68	21.80		
20	16QAM	100	0	21.57	21.70	21.83	21.72	21.72		
20	64QAM	1	0	21.30	21.42	21.38	21.49	21.49		
20	64QAM	1	49	21.45	21.42	21.54	21.50	21.47	23	1
20	64QAM	1	99	21.25	21.49	21.52	21.42	21.41		
20	64QAM	50	0	20.55	20.62	20.84	20.75	20.79		
20	64QAM	50	24	20.56	20.66	20.84	20.78	20.78	22	2
20	64QAM	50	50	20.56	20.71	20.83	20.68	20.78		
20	64QAM	100	0	20.59	20.72	20.77	20.71	20.76		
20	256QAM	1	0	18.68	18.93	18.92	18.80	18.85		
20	256QAM	1	49	18.64	18.78	18.80	18.69	18.75	20	4
20	256QAM	1	99	18.63	18.82	18.80	18.71	18.78		
20	256QAM	50	0	18.54	18.78	18.91	18.67	18.79		
20	256QAM	50	24	18.62	18.88	18.90	18.70	18.80	20	4
20	256QAM	50	50	18.60	18.90	18.84	18.73	18.77		
20	256QAM	100	0	18.54	18.87	18.85	18.78	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	22.66	22.84	22.82	22.76	22.78		
15	QPSK	1	37	22.69	22.87	22.88	22.79	22.79	24	0
15	QPSK	1	74	22.62	22.84	22.94	22.76	22.85		
15	QPSK	36	0	22.69	22.83	22.82	22.71	22.88		
15	QPSK	36	20	22.64	22.85	22.91	22.81	22.77	24	0
15	QPSK	36	39	22.58	22.84	22.84	22.79	22.76		
15	QPSK	75	0	22.58	22.95	22.88	22.77	22.82		
15	16QAM	1	0	22.66	22.97	22.81	22.80	22.80		
15	16QAM	1	37	22.65	22.92	22.93	22.78	22.79	24	0
15	16QAM	1	74	22.64	22.95	22.83	22.72	22.81		
15	16QAM	36	0	21.53	21.76	21.62	21.76	21.64		
15	16QAM	36	20	21.47	21.66	21.66	21.79	21.84	23	1
15	16QAM	36	39	21.57	21.74	21.62	21.58	21.72		
15	16QAM	75	0	21.51	21.71	21.55	21.57	21.59		
15	64QAM	1	0	21.29	21.27	21.32	21.42	21.48		
15	64QAM	1	37	21.37	21.40	21.38	21.35	21.39	23	1
15	64QAM	1	74	21.20	21.49	21.41	21.37	21.29		
15	64QAM	36	0	20.49	20.70	20.58	20.73	20.68		
15	64QAM	36	20	20.55	20.79	20.65	20.64	20.72	22	2
15	64QAM	36	39	20.50	20.78	20.66	20.53	20.68		
15	64QAM	75	0	20.50	20.66	20.61	20.70	20.73		
15	256QAM	1	0	18.64	18.87	18.83	18.76	18.77		
15	256QAM	1	37	18.54	18.73	18.75	18.67	18.74	20	4
15	256QAM	1	74	18.53	18.65	18.73	18.70	18.66		
15	256QAM	36	0	18.45	18.85	18.65	18.55	18.71		
15	256QAM	36	20	18.60	18.69	18.82	18.67	18.67	20	4
15	256QAM	36	39	18.50	18.72	18.89	18.64	18.62		
15	256QAM	75	0	18.47	18.74	18.86	18.67	18.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.67	22.86	22.90	22.73	22.83		
10	QPSK	1	25	22.56	22.96	22.90	22.83	22.85	24	0
10	QPSK	1	49	22.66	22.85	22.83	22.81	22.80		
10	QPSK	25	0	22.57	22.93	22.82	22.74	22.86		
10	QPSK	25	12	22.64	22.95	22.84	22.72	22.89	24	0
10	QPSK	25	25	22.60	22.88	22.82	22.83	22.90		
10	QPSK	50	0	22.57	22.89	22.92	22.78	22.87		
10	16QAM	1	0	22.69	22.86	22.90	22.77	22.76		
10	16QAM	1	25	22.64	22.97	22.86	22.74	22.78	24	0
10	16QAM	1	49	22.63	22.84	22.92	22.81	22.79		
10	16QAM	25	0	21.53	21.73	21.59	21.63	21.72		
10	16QAM	25	12	21.54	21.69	21.71	21.77	21.83	23	1
10	16QAM	25	25	21.49	21.72	21.64	21.67	21.76		
10	16QAM	50	0	21.55	21.82	21.66	21.67	21.63		
10	64QAM	1	0	21.22	21.25	21.32	21.43	21.46		
10	64QAM	1	25	21.40	21.40	21.28	21.48	21.32	23	1
10	64QAM	1	49	21.10	21.45	21.44	21.27	21.38		
10	64QAM	25	0	20.53	20.71	20.54	20.63	20.77		
10	64QAM	25	12	20.55	20.83	20.56	20.70	20.75	22	2
10	64QAM	25	25	20.43	20.69	20.69	20.67	20.75		
10	64QAM	50	0	20.46	20.73	20.69	20.56	20.66		
10	256QAM	1	0	18.57	18.82	18.88	18.75	18.84		
10	256QAM	1	25	18.56	18.71	18.71	18.56	18.70	20	4
10	256QAM	1	49	18.61	18.73	18.67	18.75	18.77		
10	256QAM	25	0	18.46	18.77	18.64	18.57	18.70		
10	256QAM	25	12	18.52	18.77	18.78	18.62	18.75	20	4
10	256QAM	25	25	18.52	18.79	18.83	18.67	18.64		
10	256QAM	50	0	18.49	18.78	18.72	18.73	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	22.62	22.89	22.92	22.84	22.83		
5	QPSK	1	12	22.61	22.91	22.82	22.76	22.77	24	0
5	QPSK	1	24	22.69	22.83	22.87	22.83	22.86		
5	QPSK	12	0	22.68	22.89	22.83	22.83	22.77		
5	QPSK	12	7	22.60	22.95	22.86	22.75	22.78	24	0
5	QPSK	12	13	22.58	22.86	22.86	22.76	22.79		
5	QPSK	25	0	22.68	22.86	22.88	22.75	22.82		
5	16QAM	1	0	22.64	22.83	22.86	22.72	22.89		
5	16QAM	1	12	22.61	22.86	22.82	22.77	22.77	24	0
5	16QAM	1	24	22.69	22.96	22.88	22.81	22.86		
5	16QAM	12	0	21.44	21.80	21.57	21.63	21.61		
5	16QAM	12	7	21.52	21.77	21.72	21.66	21.78	23	1
5	16QAM	12	13	21.58	21.70	21.56	21.60	21.74		
5	16QAM	25	0	21.42	21.81	21.65	21.57	21.69		
5	64QAM	1	0	21.18	21.28	21.27	21.37	21.45		
5	64QAM	1	12	21.31	21.53	21.34	21.38	21.46	23	1
5	64QAM	1	24	21.23	21.40	21.41	21.35	21.26		
5	64QAM	12	0	20.43	20.75	20.56	20.69	20.70		
5	64QAM	12	7	20.50	20.76	20.52	20.67	20.74	22	2
5	64QAM	12	13	20.53	20.79	20.57	20.68	20.75		
5	64QAM	25	0	20.56	20.62	20.63	20.63	20.70		
5	256QAM	1	0	18.57	18.82	18.88	18.77	18.71		
5	256QAM	1	12	18.53	18.66	18.77	18.65	18.65	20	4
5	256QAM	1	24	18.50	18.68	18.76	18.60	18.75		
5	256QAM	12	0	18.47	18.88	18.64	18.64	18.74		
5	256QAM	12	7	18.53	18.76	18.73	18.67	18.71	20	4
5	256QAM	12	13	18.56	18.81	18.79	18.70	18.73		
5	256QAM	25	0	18.44	18.81	18.76	18.64	18.74		

Band 41_Ant 31

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	22.67	22.45	22.48	22.62		
20	QPSK	1	49	22.40	22.59	22.39	22.44	22.52	23.5	0
20	QPSK	1	99	22.43	22.53	22.31	22.31	22.55		
20	QPSK	50	0	22.51	22.65	22.43	22.46	22.60		
20	QPSK	50	24	22.35	22.59	22.33	22.34	22.56	23.5	0
20	QPSK	50	50	22.48	22.56	22.38	22.41	22.56		
20	QPSK	100	0	22.50	22.63	22.41	22.45	22.58		
20	16QAM	1	0	22.46	22.51	22.29	22.39	22.56		
20	16QAM	1	49	22.39	22.53	22.37	22.43	22.57	23.5	0
20	16QAM	1	99	22.39	22.57	22.40	22.38	22.49		
20	16QAM	50	0	21.84	21.99	21.64	21.79	21.89		
20	16QAM	50	24	21.86	21.97	21.73	21.82	21.88	23	0.5
20	16QAM	50	50	21.85	21.96	21.78	21.88	21.79		
20	16QAM	100	0	21.84	21.94	21.72	21.86	21.76		
20	64QAM	1	0	21.52	21.56	21.31	21.47	21.46		
20	64QAM	1	49	21.66	21.73	21.42	21.65	21.71	23	0.5
20	64QAM	1	99	21.60	21.68	21.52	21.55	21.46		
20	64QAM	50	0	20.79	20.93	20.62	20.78	20.81		
20	64QAM	50	24	20.79	20.94	20.66	20.80	20.78	22	1.5
20	64QAM	50	50	20.85	20.96	20.68	20.82	20.74		
20	64QAM	100	0	20.84	20.93	20.71	20.82	20.75		
20	256QAM	1	0	18.90	19.06	18.81	18.90	18.95		
20	256QAM	1	49	18.80	19.02	18.72	18.76	18.81	20	3.5
20	256QAM	1	99	18.77	18.93	18.80	18.88	18.88		
20	256QAM	50	0	18.81	19.03	18.70	18.79	18.90		
20	256QAM	50	24	18.88	19.01	18.69	18.89	18.93	20	3.5
20	256QAM	50	50	18.80	19.05	18.76	18.84	18.86		
20	256QAM	100	0	18.83	18.92	18.72	18.77	18.84		
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	22.42	22.54	22.35	22.37	22.45		
15	QPSK	1	37	22.43	22.51	22.33	22.32	22.56	23.5	0
15	QPSK	1	74	22.35	22.51	22.28	22.37	22.50		
15	QPSK	36	0	22.48	22.52	22.32	22.30	22.57		
15	QPSK	36	20	22.38	22.56	22.36	22.40	22.57	23.5	0
15	QPSK	36	39	22.49	22.56	22.40	22.41	22.55		
15	QPSK	75	0	22.45	22.49	22.28	22.39	22.43		
15	16QAM	1	0	22.36	22.52	22.26	22.41	22.45		
15	16QAM	1	37	22.46	22.57	22.39	22.36	22.51	23.5	0
15	16QAM	1	74	22.38	22.52	22.40	22.36	22.49		
15	16QAM	36	0	21.82	21.84	21.57	21.69	21.82		
15	16QAM	36	20	21.78	21.95	21.64	21.69	21.87	23	0.5
15	16QAM	36	39	21.73	21.93	21.69	21.74	21.67		
15	16QAM	75	0	21.83	21.91	21.63	21.78	21.64		
15	64QAM	1	0	21.46	21.49	21.30	21.37	21.36		
15	64QAM	1	37	21.59	21.60	21.33	21.63	21.56	23	0.5
15	64QAM	1	74	21.53	21.66	21.44	21.52	21.45		
15	64QAM	36	0	20.67	20.86	20.59	20.77	20.68		
15	64QAM	36	20	20.71	20.80	20.64	20.70	20.75	22	1.5
15	64QAM	36	39	20.80	20.82	20.53	20.81	20.67		
15	64QAM	75	0	20.78	20.88	20.64	20.74	20.70		
15	256QAM	1	0	18.75	19.02	18.72	18.75	18.80		
15	256QAM	1	37	18.79	19.01	18.60	18.64	18.77	20	3.5
15	256QAM	1	74	18.72	18.90	18.74	18.80	18.76		
15	256QAM	36	0	18.72	18.90	18.65	18.64	18.85		
15	256QAM	36	20	18.75	18.92	18.61	18.83	18.91	20	3.5
15	256QAM	36	39	18.66	18.96	18.73	18.81	18.84		
15	256QAM	75	0	18.72	18.89	18.59	18.69	18.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.46	22.57	22.39	22.40	22.55		
10	QPSK	1	25	22.47	22.51	22.35	22.38	22.49	23.5	0
10	QPSK	1	49	22.45	22.56	22.33	22.33	22.46		
10	QPSK	25	0	22.39	22.56	22.37	22.40	22.46		
10	QPSK	25	12	22.48	22.58	22.32	22.42	22.54	23.5	0
10	QPSK	25	25	22.37	22.52	22.33	22.37	22.45		
10	QPSK	50	0	22.42	22.48	22.30	22.33	22.49		
10	16QAM	1	0	22.43	22.55	22.40	22.37	22.53		
10	16QAM	1	25	22.49	22.50	22.36	22.40	22.51	23.5	0
10	16QAM	1	49	22.40	22.52	22.27	22.43	22.52		
10	16QAM	25	0	21.81	21.89	21.63	21.70	21.78		
10	16QAM	25	12	21.72	21.96	21.71	21.76	21.84	23	0.5
10	16QAM	25	25	21.78	21.90	21.72	21.83	21.73		
10	16QAM	50	0	21.70	21.88	21.59	21.79	21.74		
10	64QAM	1	0	21.39	21.51	21.22	21.45	21.40		
10	64QAM	1	25	21.65	21.69	21.39	21.59	21.68	23	0.5
10	64QAM	1	49	21.45	21.65	21.45	21.52	21.34		
10	64QAM	25	0	20.77	20.91	20.58	20.77	20.68		
10	64QAM	25	12	20.70	20.79	20.64	20.69	20.71	22	1.5
10	64QAM	25	25	20.81	20.87	20.56	20.81	20.73		
10	64QAM	50	0	20.81	20.80	20.57	20.71	20.64		
10	256QAM	1	0	18.77	18.98	18.77	18.83	18.82		
10	256QAM	1	25	18.69	18.93	18.67	18.73	18.79	20	3.5
10	256QAM	1	49	18.69	18.83	18.73	18.83	18.73		
10	256QAM	25	0	18.71	18.90	18.59	18.74	18.88		
10	256QAM	25	12	18.77	18.91	18.67	18.74	18.79	20	3.5
10	256QAM	25	25	18.76	18.96	18.69	18.80	18.73		
10	256QAM	50	0	18.70	18.88	18.66	18.65	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	22.46	22.59	22.26	22.34	22.46		
5	QPSK	1	12	22.49	22.54	22.40	22.32	22.45	23.5	0
5	QPSK	1	24	22.44	22.62	22.32	22.39	22.43		
5	QPSK	12	0	22.35	22.58	22.37	22.37	22.50		
5	QPSK	12	7	22.47	22.51	22.29	22.43	22.55	23.5	0
5	QPSK	12	13	22.45	22.53	22.32	22.39	22.52		
5	QPSK	25	0	22.35	22.56	22.31	22.42	22.49		
5	16QAM	1	0	22.41	22.55	22.27	22.42	22.47		
5	16QAM	1	12	22.48	22.54	22.33	22.34	22.43	23.5	0
5	16QAM	1	24	22.35	22.57	22.39	22.38	22.52		
5	16QAM	12	0	21.78	21.92	21.60	21.66	21.76		
5	16QAM	12	7	21.74	21.85	21.61	21.67	21.73	23	0.5
5	16QAM	12	13	21.74	21.88	21.67	21.79	21.70		
5	16QAM	25	0	21.79	21.88	21.69	21.71	21.63		
5	64QAM	1	0	21.37	21.44	21.24	21.43	21.31		
5	64QAM	1	12	21.54	21.71	21.39	21.60	21.62	23	0.5
5	64QAM	1	24	21.56	21.64	21.37	21.40	21.33		
5	64QAM	12	0	20.74	20.80	20.57	20.76	20.70		
5	64QAM	12	7	20.75	20.82	20.58	20.75	20.65	22	1.5
5	64QAM	12	13	20.79	20.83	20.61	20.75	20.69		
5	64QAM	25	0	20.83	20.91	20.69	20.80	20.69		
5	256QAM	1	0	18.76	18.96	18.71	18.78	18.88		
5	256QAM	1	12	18.71	18.98	18.68	18.68	18.78	20	3.5
5	256QAM	1	24	18.76	18.88	18.66	18.77	18.75		
5	256QAM	12	0	18.67	18.98	18.64	18.77	18.77		
5	256QAM	12	7	18.86	18.92	18.67	18.84	18.78	20	3.5
5	256QAM	12	13	18.75	18.93	18.62	18.73	18.80		
5	256QAM	25	0	18.76	18.77	18.61	18.65	18.83		

Band 41_Ant 11

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	23.78	24.00	23.50	23.56	23.70		
20	QPSK	1	49	23.75	23.97	23.49	23.54	23.65	25	0
20	QPSK	1	99	23.70	23.84	23.46	23.52	23.58		
20	QPSK	50	0	22.79	22.97	22.48	22.52	22.70		
20	QPSK	50	24	22.73	22.88	22.45	22.50	22.67	24	1
20	QPSK	50	50	22.75	22.86	22.43	22.58	22.60		
20	QPSK	100	0	22.75	22.93	22.47	22.59	22.67		
20	16QAM	1	0	22.67	22.83	22.43	22.49	22.62		
20	16QAM	1	49	22.77	22.93	22.51	22.58	22.62	24	1
20	16QAM	1	99	22.69	22.84	22.44	22.56	22.54		
20	16QAM	50	0	21.72	21.89	21.44	21.56	21.67		
20	16QAM	50	24	21.75	21.89	21.47	21.60	21.68	23	2
20	16QAM	50	50	21.74	21.86	21.48	21.56	21.59		
20	16QAM	100	0	21.72	21.85	21.46	21.54	21.61		
20	64QAM	1	0	21.42	21.55	21.16	21.17	21.32		
20	64QAM	1	49	21.50	21.70	21.23	21.28	21.38	23	2
20	64QAM	1	99	21.46	21.58	21.16	21.29	21.26		
20	64QAM	50	0	20.68	20.85	20.43	20.56	20.63		
20	64QAM	50	24	20.72	20.86	20.44	20.59	20.65	22	3
20	64QAM	50	50	20.71	20.84	20.46	20.56	20.58		
20	64QAM	100	0	20.69	20.84	20.46	20.53	20.62		
20	256QAM	1	0	18.79	18.97	18.48	18.62	18.70		
20	256QAM	1	49	18.76	18.91	18.41	18.50	18.63	20	5
20	256QAM	1	99	18.73	18.96	18.41	18.57	18.56		
20	256QAM	50	0	18.69	18.82	18.34	18.56	18.57		
20	256QAM	50	24	18.73	18.94	18.46	18.57	18.60	20	5
20	256QAM	50	50	18.74	18.90	18.46	18.55	18.67		
20	256QAM	100	0	18.64	18.94	18.33	18.53	18.64		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.67	23.90	23.39	23.51	23.57		
15	QPSK	1	37	23.60	23.90	23.48	23.50	23.58	25	0
15	QPSK	1	74	23.58	23.69	23.31	23.41	23.55		
15	QPSK	36	0	22.69	22.82	22.33	22.59	22.55		
15	QPSK	36	20	22.58	22.73	22.30	22.48	22.63	24	1
15	QPSK	36	39	22.67	22.75	22.38	22.44	22.48		
15	QPSK	75	0	22.66	22.87	22.33	22.54	22.52		
15	16QAM	1	0	22.65	22.74	22.33	22.41	22.54		
15	16QAM	1	37	22.70	22.92	22.45	22.57	22.54	24	1
15	16QAM	1	74	22.61	22.83	22.35	22.55	22.45		
15	16QAM	36	0	21.65	21.74	21.40	21.43	21.63		
15	16QAM	36	20	21.72	21.74	21.45	21.50	21.54	23	2
15	16QAM	36	39	21.60	21.81	21.47	21.49	21.50		
15	16QAM	75	0	21.59	21.74	21.41	21.47	21.57		
15	64QAM	1	0	21.28	21.54	21.04	21.11	21.17		
15	64QAM	1	37	21.38	21.61	21.19	21.18	21.30	23	2
15	64QAM	1	74	21.36	21.57	21.07	21.26	21.18		
15	64QAM	36	0	20.80	20.34	20.43	20.61			
15	64QAM	36	20

Band 42 Part27Q_Ant 11

BW [MHz]	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	23.28	23.31	23.29	23.7	0
20	QPSK	1	49	23.20	23.24	23.23		
20	QPSK	1	99	23.25	23.28	23.28		
20	QPSK	50	0	22.19	22.23	22.20	22.7	1
20	QPSK	50	24	22.16	22.22	22.19		
20	QPSK	50	50	22.13	22.16	22.17		
20	QPSK	100	0	22.14	22.20	22.19		
20	16QAM	1	0	22.09	22.11	22.07	22.7	1
20	16QAM	1	49	22.21	22.26	22.27		
20	16QAM	1	99	22.20	22.23	22.19		
20	16QAM	50	0	21.17	21.19	21.15	21.7	2
20	16QAM	50	24	21.14	21.21	21.20		
20	16QAM	50	50	21.19	21.23	21.23		
20	16QAM	100	0	21.18	21.21	21.21		
20	64QAM	1	0	20.83	20.85	20.83	21.7	2
20	64QAM	1	49	20.89	20.95	20.91		
20	64QAM	1	99	20.91	20.93	20.89		
20	64QAM	50	0	20.14	20.20	20.18	20.7	3
20	64QAM	50	24	20.16	20.23	20.20		
20	64QAM	50	50	20.24	20.27	20.26		
20	64QAM	100	0	20.17	20.21	20.19		
20	256QAM	1	0	17.95	18.00	17.96	18.7	5
20	256QAM	1	49	18.08	18.14	18.12		
20	256QAM	1	99	18.07	18.10	18.08		
20	256QAM	50	0	18.19	18.23	18.20	18.7	5
20	256QAM	50	24	18.21	18.24	18.23		
20	256QAM	50	50	18.25	18.29	18.30		
20	256QAM	100	0	18.12	18.18	18.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.19	23.16	23.23	23.7	0
15	QPSK	1	37	23.14	23.11	23.13		
15	QPSK	1	74	23.11	23.20	23.17		
15	QPSK	36	0	22.09	22.16	22.08	22.7	1
15	QPSK	36	20	22.08	22.17	22.14		
15	QPSK	36	39	22.01	22.03	22.03		
15	QPSK	75	0	22.04	22.11	22.10		
15	16QAM	1	0	21.99	22.01	21.98	22.7	1
15	16QAM	1	37	22.16	22.20	22.17		
15	16QAM	1	74	22.15	22.13	22.05		
15	16QAM	36	0	21.09	21.14	21.00	21.7	2
15	16QAM	36	20	21.04	21.12	21.15		
15	16QAM	36	39	21.05	21.10	21.12		
15	16QAM	75	0	21.04	21.15	21.14		
15	64QAM	1	0	20.72	20.77	20.74	21.7	2
15	64QAM	1	37	20.80	20.90	20.76		
15	64QAM	1	74	20.86	20.88	20.81		
15	64QAM	36	0	20.04	20.12	20.03	20.7	3
15	64QAM	36	20	20.08	20.08	20.07		
15	64QAM	36	39	20.15	20.21	20.16		
15	64QAM	75	0	20.09	20.12	20.09		
15	256QAM	1	0	17.81	17.88	17.82	18.7	5
15	256QAM	1	37	18.06	17.99	18.05		
15	256QAM	1	74	18.01	17.95	18.01		
15	256QAM	36	0	18.18	18.10	18.19	18.7	5
15	256QAM	36	20	18.14	18.23	18.13		
15	256QAM	36	39	18.18	18.20	18.27		
15	256QAM	75	0	18.11	18.13	18.14		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.17	23.23	23.18	23.7	0
10	QPSK	1	25	23.11	23.15	23.13		
10	QPSK	1	49	23.15	23.15	23.13		
10	QPSK	25	0	22.06	22.10	22.14	22.7	1
10	QPSK	25	12	22.05	22.09	22.13		
10	QPSK	25	25	21.99	22.10	22.05		
10	QPSK	50	0	22.07	22.13	22.11		
10	16QAM	1	0	21.96	21.96	21.97	22.7	1
10	16QAM	1	25	22.13	22.18	22.17		
10	16QAM	1	49	22.10	22.12	22.11		
10	16QAM	25	0	21.09	21.13	21.02	21.7	2
10	16QAM	25	12	21.07	21.14	21.12		
10	16QAM	25	25	21.08	21.11	21.17		
10	16QAM	50	0	21.07	21.08	21.14		
10	64QAM	1	0	20.76	20.74	20.69	21.7	2
10	64QAM	1	25	20.78	20.86	20.79		
10	64QAM	1	49	20.85	20.80	20.81		
10	64QAM	25	0	20.07	20.11	20.07	20.7	3
10	64QAM	25	12	20.10	20.15	20.13		
10	64QAM	25	25	20.15	20.22	20.12		
10	64QAM	50	0	20.02	20.11	20.12		
10	256QAM	1	0	17.85	17.90	17.81	18.7	5
10	256QAM	1	25	18.01	18.13	18.00		
10	256QAM	1	49	17.94	18.05	18.05		
10	256QAM	25	0	18.04	18.20	18.17	18.7	5
10	256QAM	25	12	18.16	18.14	18.10		
10	256QAM	25	25	18.16	18.18	18.16		
10	256QAM	50	0	18.12	18.16	18.17		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.20	23.25	23.24	23.7	0
5	QPSK	1	12	23.13	23.10	23.08		
5	QPSK	1	24	23.11	23.18	23.14		
5	QPSK	12	0	22.08	22.14	22.08	22.7	1
5	QPSK	12	7	22.05	22.17	22.07		
5	QPSK	12	13	22.00	22.04	22.06		
5	QPSK	25	0	22.08	22.05	22.13		
5	16QAM	1	0	22.03	22.03	21.93	22.7	1
5	16QAM	1	12	22.15	22.20	22.20		
5	16QAM	1	24	22.12	22.14	22.11		
5	16QAM	12	0	21.11	21.12	21.10	21.7	2
5	16QAM	12	7	21.00	21.07	21.14		
5	16QAM	12	13	21.07	21.09	21.15		
5	16QAM	25	0	21.09	21.14	21.13		
5	64QAM	1	0	20.76	20.77	20.68	21.7	2
5	64QAM	1	12	20.77	20.81	20.85		
5	64QAM	1	24	20.80	20.80	20.74		
5	64QAM	12	0	20.06	20.15	20.09	20.7	3
5	64QAM	12	7	20.04	20.10	20.07		
5	64QAM	12	13	20.11	20.12	20.12		
5	64QAM	25	0	20.08	20.08	20.12		
5	256QAM	1	0	17.90	17.88	17.84	18.7	5
5	256QAM	1	12	17.96	18.11	17.97		
5	256QAM	1	24	17.95	18.01	18.00		
5	256QAM	12	0	18.08	18.19	18.08	18.7	5
5	256QAM	12	7	18.21	18.09	18.13		
5	256QAM	12	13	18.20	18.26	18.18		
5	256QAM	25	0	18.08	18.05	18.13		

Band 42 Part27Q_Ant 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.33	23.51	23.46	24	0
20	QPSK	1	49	23.29	23.46	23.41		
20	QPSK	1	99	23.26	23.45	23.38		
20	QPSK	50	0	22.29	22.45	22.45	23	1
20	QPSK	50	24	22.27	22.46	22.38		
20	QPSK	50	50	22.26	22.41	22.38		
20	QPSK	100	0	22.28	22.44	22.38		
20	16QAM	1	0	22.26	22.41	22.33	23	1
20	16QAM	1	49	22.36	22.56	22.49		
20	16QAM	1	99	22.37	22.53	22.48		
20	16QAM	50	0	21.25	21.44	21.40	22	2
20	16QAM	50	24	21.33	21.49	21.45		
20	16QAM	50	50	21.31	21.48	21.42		
20	16QAM	100	0	21.29	21.46	21.41		
20	64QAM	1	0	20.86	21.01	20.98	22	2
20	64QAM	1	49	20.96	21.16	21.12		
20	64QAM	1	99	20.99	21.09	21.05		
20	64QAM	50	0	20.23	20.42	20.38	21	3
20	64QAM	50	24	20.29	20.45	20.37		
20	64QAM	50	50	20.30	20.47	20.42		
20	64QAM	100	0	20.26	20.42	20.39		
20	256QAM	1	0	18.06	18.21	18.15	19	5
20	256QAM	1	49	18.20	18.36	18.31		
20	256QAM	1	99	18.08	18.27	18.20		
20	256QAM	50	0	18.30	18.47	18.40	19	5
20	256QAM	50	24	18.35	18.50	18.46		
20	256QAM	50	50	18.33	18.51	18.44		
20	256QAM	100	0	18.25	18.43	18.40		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.27	23.40	23.38	24	0
15	QPSK	1	37	23.20	23.32	23.35		
15	QPSK	1	74	23.19	23.32	23.23		
15	QPSK	36	0	22.14	22.33	22.34	23	1
15	QPSK	36	20	22.18	22.33	22.33		
15	QPSK	36	39	22.18	22.32	22.24		
15	QPSK	75	0	22.21	22.35	22.23		
15	16QAM	1	0	22.16	22.26	22.18	23	1
15	16QAM	1	37	22.25	22.44	22.37		
15	16QAM	1	74	22.27	22.44	22.39		
15	16QAM	36	0	21.12	21.38	21.27	22	2
15	16QAM	36	20	21.20	21.35	21.30		
15	16QAM	36	39	21.19	21.34	21.32		
15	16QAM	75	0	21.22	21.32	21.35		
15	64QAM	1	0	20.79	20.88	20.85	22	2
15	64QAM	1	37	20.88	21.11	21.07		
15	64QAM	1	74	20.78	21.04	20.95		
15	64QAM	36	0	20.13	20.33	20.32	21	3
15	64QAM	36	20	20.17	20.32	20.25		
15	64QAM	36	39	20.16	20.41	20.34		
15	64QAM	75	0	20.17	20.30	20.30		
15	256QAM	1	0	18.00	18.13	18.07	19	5
15	256QAM	1	37	18.15	18.31	18.31		
15	256QAM	1	74	17.99	18.21	18.15		
15	256QAM	36	0	18.20	18.40	18.25	19	5
15	256QAM	36	20	18.28	18.50	18.33		
15	256QAM	36	39	18.27	18.49	18.36		
15	256QAM	75	0	18.16	18.42	18.37		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.28	23.40	23.35	24	0
10	QPSK	1	25	23.16	23.41	23.30		
10	QPSK	1	49	23.17	23.40	23.28		
10	QPSK	25	0	22.16	22.42	22.32	23	1
10	QPSK	25	12	22.22	22.32	22.30		
10	QPSK	25	25	22.19	22.34	22.23		
10	QPSK	50	0	22.13	22.34	22.33		
10	16QAM	1	0	22.13	22.30	22.25	23	1
10	16QAM	1	25	22.28	22.41	22.35		
10	16QAM	1	49	22.26	22.39	22.43		
10	16QAM	25	0	21.12	21.30	21.31	22	2
10	16QAM	25	12	21.26	21.42	21.39		
10	16QAM	25	25	21.23	21.40	21.32		
10	16QAM	50	0	21.24	21.40	21.28		
10	64QAM	1	0	20.71	20.92	20.90	22	2
10	64QAM	1	25	20.84	21.11	21.01		
10	64QAM	1	49	20.75	20.96	20.99		
10	64QAM	25	0	20.11	20.32	20.31	21	3
10	64QAM	25	12	20.14	20.36	20.24		
10	64QAM	25	25	20.22	20.41	20.32		
10	64QAM	50	0	20.14	20.29	20.26		
10	256QAM	1	0	17.98	18.11	18.07	19	5
10	256QAM	1	25	18.09	18.32	18.30		
10	256QAM	1	49	18.04	18.27	18.14		
10	256QAM	25	0	18.30	18.38	18.35	19	5
10	256QAM	25	12	18.30	18.37	18.43		
10	256QAM	25	25	18.30	18.49	18.36		
10	256QAM	50	0	18.19	18.33	18.37		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.18	23.43	23.31	24	0
5	QPSK	1	12	23.19	23.36	23.26		
5	QPSK	1	24	23.16	23.33	23.23		
5	QPSK	12	0	22.14	22.38	22.32	23	1
5	QPSK	12	7	22.14	22.33	22.28		
5	QPSK	12	13	22.16	22.33	22.28		
5	QPSK	25	0	22.13	22.34	22.26		
5	16QAM	1	0	22.15	22.34	22.26	23	1
5	16QAM	1	12	22.23	22.46	22.34		
5	16QAM	1	24	22.22	22.42	22.38		
5	16QAM	12	0	21.20	21.33	21.34	22	2
5	16QAM	12	7	21.25	21.35	21.30		
5	16QAM	12	13	21.16	21.39	21.31		
5	16QAM	25	0	21.16	21.34	21.30		
5	64QAM	1	0	20.73	20.89	20.83	22	2
5	64QAM	1	12	20.87	21.07	21.03		
5	64QAM	1	24	20.84	21.04	20.90		
5	64QAM	12	0	20.12	20.30	20.26	21	3
5	64QAM	12	7	20.16	20.36	20.31		
5	64QAM	12	13	20.23	20.38	20.29		
5	64QAM	25	0	20.21	20.31	20.28		
5	256QAM	1	0	17.96	18.13	18.06	19	5
5	256QAM	1	12	18.12	18.35	18.20		
5	256QAM	1	24	18.01	18.26	18.07		
5	256QAM	12	0	18.23	18.32	18.28	19	5
5	256QAM	12	7	18.24	18.37	18.45		
5	256QAM	12	13	18.33	18.40	18.37		
5	256QAM	25	0	18.19	18.40	18.37		

Band 42 Part27Q_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.19	20.21	20.01	21	0
20	QPSK	1	49	20.11	20.16	19.94		
20	QPSK	1	99	20.15	20.17	19.96		
20	QPSK	50	0	19.15	19.15	18.95	20	1
20	QPSK	50	24	19.10	19.12	18.93		
20	QPSK	50	50	19.07	19.11	18.90		
20	QPSK	100	0	19.07	19.10	18.91		
20	16QAM	1	0	19.19	19.21	18.99	20	1
20	16QAM	1	49	19.22	19.23	19.01		
20	16QAM	1	99	19.19	19.20	19.00		
20	16QAM	50	0	18.12	18.13	17.94	19	2
20	16QAM	50	24	18.11	18.14	17.95		
20	16QAM	50	50	18.10	18.15	17.95		
20	16QAM	100	0	18.10	18.14	17.92		
20	64QAM	1	0	17.73	17.75	17.53	19	2
20	64QAM	1	49	17.69	17.73	17.53		
20	64QAM	1	99	17.71	17.72	17.53		
20	64QAM	50	0	17.05	17.10	16.92	18	3
20	64QAM	50	24	17.07	17.11	16.92		
20	64QAM	50	50	17.07	17.12	16.92		
20	64QAM	100	0	17.10	17.12	16.92		
20	256QAM	1	0	14.96	14.97	14.79	16	5
20	256QAM	1	49	14.94	14.94	14.74		
20	256QAM	1	99	14.89	14.92	14.75		
20	256QAM	50	0	15.11	15.15	14.94	16	5
20	256QAM	50	24	15.16	15.18	15.00		
20	256QAM	50	50	15.19	15.19	15.00		
20	256QAM	100	0	15.12	15.14	14.92		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.12	20.11	19.87	21	0
15	QPSK	1	37	19.96	20.01	19.80		
15	QPSK	1	74	20.06	20.03	19.82		
15	QPSK	36	0	19.00	19.00	18.85	20	1
15	QPSK	36	20	18.96	19.02	18.87		
15	QPSK	36	39	18.99	19.00	18.79		
15	QPSK	75	0	18.95	18.95	18.85		
15	16QAM	1	0	19.14	19.14	18.94	20	1
15	16QAM	1	37	19.08	19.16	18.90		
15	16QAM	1	74	19.11	19.09	18.90		
15	16QAM	36	0	18.06	18.04	17.88	19	2
15	16QAM	36	20	18.02	18.02	17.88		
15	16QAM	36	39	17.98	18.05	17.80		
15	16QAM	75	0	17.99	18.06	17.79		
15	64QAM	1	0	17.62	17.61	17.42	19	2
15	64QAM	1	37	17.54	17.64	17.41		
15	64QAM	1	74	17.65	17.59	17.38		
15	64QAM	36	0	16.98	17.01	16.86	18	3
15	64QAM	36	20	16.95	17.04	16.78		
15	64QAM	36	39	17.00	16.98	16.87		
15	64QAM	75	0	16.99	17.05	16.85		
15	256QAM	1	0	14.91	14.84	14.74	16	5
15	256QAM	1	37	14.91	14.84	14.62		
15	256QAM	1	74	14.84	14.92	14.71		
15	256QAM	36	0	15.01	15.07	14.86	16	5
15	256QAM	36	20	15.03	15.03	14.86		
15	256QAM	36	39	15.13	15.11	14.92		
15	256QAM	75	0	15.02	15.13	14.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.04	20.08	19.90	21	0
10	QPSK	1	25	19.98	20.09	19.85		
10	QPSK	1	49	20.04	20.08	19.90		
10	QPSK	25	0	19.05	19.07	18.86	20	1
10	QPSK	25	12	19.02	19.01	18.88		
10	QPSK	25	25	19.02	18.97	18.81		
10	QPSK	50	0	18.98	19.03	18.77		
10	16QAM	1	0	19.11	19.08	18.88	20	1
10	16QAM	1	25	19.10	19.18	18.93		
10	16QAM	1	49	19.13	19.10	18.88		
10	16QAM	25	0	17.98	18.08	17.83	19	2
10	16QAM	25	12	17.96	18.02	17.83		
10	16QAM	25	25	17.98	18.07	17.86		
10	16QAM	50	0	17.98	18.08	17.87		
10	64QAM	1	0	17.67	17.68	17.48	19	2
10	64QAM	1	25	17.57	17.64	17.40		
10	64QAM	1	49	17.60	17.58	17.46		
10	64QAM	25	0	16.94	16.98	16.77	18	3
10	64QAM	25	12	16.98	16.96	16.86		
10	64QAM	25	25	16.93	17.03	16.78		
10	64QAM	50	0	16.96	17.06	16.80		
10	256QAM	1	0	14.82	14.83	14.65	16	5
10	256QAM	1	25	14.93	14.93	14.68		
10	256QAM	1	49	14.86	14.90	14.73		
10	256QAM	25	0	14.99	15.01	14.85	16	5
10	256QAM	25	12	15.10	15.13	14.98		
10	256QAM	25	25	15.16	15.05	15.00		
10	256QAM	50	0	15.07	15.11	14.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.07	20.13	19.88	21	0
5	QPSK	1	12	19.98	20.06	19.83		
5	QPSK	1	24	20.08	20.12	19.86		
5	QPSK	12	0	19.00	19.04	18.82	20	1
5	QPSK	12	7	18.97	19.01	18.81		
5	QPSK	12	13	18.95	19.01	18.81		
5	QPSK	25	0	18.94	18.98	18.82		
5	16QAM	1	0	19.05	19.07	18.91	20	1
5	16QAM	1	12	19.08	19.09	18.90		
5	16QAM	1	24	19.10	19.13	18.86		
5	16QAM	12	0	18.07	18.00	17.88	19	2
5	16QAM	12	7	18.01	17.99	17.89		
5	16QAM	12	13	17.99	18.08	17.90		
5	16QAM	25	0	18.02	18.04	17.77		
5	64QAM	1	0	17.67	17.62	17.44	19	2
5	64QAM	1	12	17.61	17.61	17.41		
5	64QAM	1	24	17.62	17.57	17.44		
5	64QAM	12	0	16.94	16.97	16.82	18	3
5	64QAM	12	7	17.01	16.97	16.82		
5	64QAM	12	13	16.97	17.03	16.83		
5	64QAM	25	0	17.00	17.01	16.78		
5	256QAM	1	0	14.91	14.92	14.64	16	5
5	256QAM	1	12	14.93	14.90	14.64		
5	256QAM	1	24	14.89	14.88	14.73		
5	256QAM	12	0	15.03	15.06	14.81	16	5
5	256QAM	12	7	15.12	15.12	15.00		
5	256QAM	12	13	15.12	15.19	15.00		
5	256QAM	25	0	15.09	15.06	14.90		

Band 42 Part27Q_Ant 23

BW [MHz]	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	19.92	19.94	19.89	20	1
20	QPSK	1	49	19.90	19.91	19.88		
20	QPSK	1	99	19.84	19.83	19.80		
20	QPSK	50	0	18.85	18.86	18.84	20	1
20	QPSK	50	24	18.84	18.84	18.83		
20	QPSK	50	50	18.79	18.80	18.76		
20	QPSK	100	0	18.83	18.85	18.81		
20	16QAM	1	0	18.87	18.88	18.87	20	1
20	16QAM	1	49	18.87	18.88	18.86		
20	16QAM	1	99	18.88	18.90	18.90		
20	16QAM	50	0	17.82	17.84	17.84	19	2
20	16QAM	50	24	17.89	17.87	17.83		

Reduced Power Mode for EC5

GSM850_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.00	32.14	32.12	33.20	23.00	23.14	23.12	24.20
GPRS/EDGE GMSK 1 Tx slot	31.97	32.12	32.10	33.20	22.97	23.12	23.10	24.20
GPRS/EDGE GMSK 2 Tx slots	30.34	30.50	30.49	31.20	24.34	24.50	24.49	25.20
GPRS/EDGE GMSK 3 Tx slots	28.19	28.38	28.39	29.20	23.93	24.12	24.13	24.94
GPRS/EDGE GMSK 4 Tx slots	26.54	26.75	26.76	27.70	23.54	23.75	23.76	24.70
EDGE 8PSK 1 Tx slot	26.73	26.72	26.64	27.70	17.73	17.72	17.64	18.70
EDGE 8PSK 2 Tx slots	24.48	24.59	24.48	25.70	18.48	18.59	18.48	19.70
EDGE 8PSK 3 Tx slots	22.25	22.41	22.21	23.70	17.99	18.15	17.95	19.44
EDGE 8PSK 4 Tx slots	20.50	20.54	20.38	22.20	17.50	17.54	17.38	19.20

GSM850_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.05	32.32	32.28	33.20	23.05	23.32	23.28	24.20
GPRS/EDGE GMSK 1 Tx slot	32.02	32.30	32.25	33.20	23.02	23.30	23.25	24.20
GPRS/EDGE GMSK 2 Tx slots	30.30	30.62	30.58	31.20	24.30	24.62	24.58	25.20
GPRS/EDGE GMSK 3 Tx slots	28.11	28.42	28.44	29.20	23.85	24.16	24.18	24.94
GPRS/EDGE GMSK 4 Tx slots	26.42	26.72	26.78	27.70	23.42	23.72	23.78	24.70
EDGE 8PSK 1 Tx slot	26.24	26.35	26.22	27.70	17.24	17.35	17.22	18.70
EDGE 8PSK 2 Tx slots	24.09	24.25	24.09	25.70	18.09	18.25	18.09	19.70
EDGE 8PSK 3 Tx slots	21.85	22.02	22.01	23.70	17.59	17.76	17.75	19.44
EDGE 8PSK 4 Tx slots	20.24	20.21	20.20	22.20	17.24	17.21	17.20	19.20

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.32	28.35	28.32	29.20	19.32	19.35	19.32	20.20
GPRS/EDGE GMSK 1 Tx slot	28.29	28.34	28.30	29.20	19.29	19.34	19.30	20.20
GPRS/EDGE GMSK 2 Tx slots	25.28	25.41	25.35	26.20	19.28	19.41	19.35	20.20
GPRS/EDGE GMSK 3 Tx slots	23.51	23.62	23.63	24.40	19.25	19.36	19.37	20.14
GPRS/EDGE GMSK 4 Tx slots	22.21	22.34	22.39	23.00	19.21	19.34	19.39	20.00
EDGE 8PSK 1 Tx slot	25.84	25.85	25.76	27.20	16.84	16.85	16.76	18.20
EDGE 8PSK 2 Tx slots	23.82	23.80	23.73	25.20	17.82	17.80	17.73	19.20
EDGE 8PSK 3 Tx slots	21.68	21.57	21.63	23.20	17.42	17.31	17.37	18.94
EDGE 8PSK 4 Tx slots	20.23	20.19	20.21	21.70	17.23	17.19	17.21	18.70

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.72	28.94	28.98	30.20	19.72	19.94	19.98	21.20
GPRS/EDGE GMSK 1 Tx slot	28.71	28.92	28.96	30.20	19.71	19.92	19.96	21.20
GPRS/EDGE GMSK 2 Tx slots	25.64	25.88	25.94	27.20	19.64	19.88	19.94	21.20
GPRS/EDGE GMSK 3 Tx slots	23.91	24.14	24.21	25.40	19.65	19.88	19.95	21.14
GPRS/EDGE GMSK 4 Tx slots	22.63	22.91	22.99	24.00	19.63	19.91	19.99	21.00
EDGE 8PSK 1 Tx slot	25.93	25.84	25.82	27.20	16.93	16.84	16.82	18.20
EDGE 8PSK 2 Tx slots	23.92	23.87	23.83	25.20	17.92	17.87	17.83	19.20
EDGE 8PSK 3 Tx slots	21.75	21.68	21.70	23.20	17.49	17.42	17.44	18.94
EDGE 8PSK 4 Tx slots	20.16	20.14	20.23	21.70	17.16	17.14	17.23	18.70

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.10	19.11	19.08	20.20	19.91	19.93	19.90	21.20
3GPP Rel 99	RMC 12.2Kbps	19.11	19.13	19.10	20.20	19.93	19.95	19.91	21.20
3GPP Rel 6	HSDPA Subtest-1	19.06	19.01	18.95	20.20	19.83	19.89	19.80	21.20
3GPP Rel 6	HSDPA Subtest-2	18.99	19.09	19.04	20.20	19.78	19.79	19.81	21.20
3GPP Rel 6	HSDPA Subtest-3	18.99	19.05	18.95	20.20	19.88	19.87	19.84	21.20
3GPP Rel 6	HSDPA Subtest-4	19.01	19.09	19.01	20.20	19.79	19.88	19.83	21.20
3GPP Rel 8	DC-HSDPA Subtest-1	19.05	19.00	18.99	20.20	19.88	19.81	19.79	21.20
3GPP Rel 8	DC-HSDPA Subtest-2	19.07	19.07	18.99	20.20	19.84	19.92	19.79	21.20
3GPP Rel 8	DC-HSDPA Subtest-3	19.01	18.99	19.03	20.20	19.77	19.90	19.83	21.20
3GPP Rel 8	DC-HSDPA Subtest-4	18.96	19.09	19.07	20.20	19.89	19.86	19.89	21.20
3GPP Rel 6	HSUPA Subtest-1	18.95	19.00	19.05	20.20	19.85	19.86	19.80	21.20
3GPP Rel 6	HSUPA Subtest-2	19.06	18.98	19.02	20.20	19.90	19.92	19.85	21.20
3GPP Rel 6	HSUPA Subtest-3	18.97	18.96	19.01	20.20	19.76	19.88	19.75	21.20
3GPP Rel 6	HSUPA Subtest-4	18.99	19.05	19.01	20.20	19.78	19.85	19.87	21.20
3GPP Rel 6	HSUPA Subtest-5	19.06	19.06	18.99	20.20	19.78	19.85	19.88	21.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.99	19.04	19.00	20.20	19.86	19.79	19.84	21.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.97	21.00	20.96	21.70	21.03	21.05	21.01	22.20
3GPP Rel 99	RMC 12.2Kbps	20.99	21.01	20.98	21.70	21.05	21.07	21.03	22.20
3GPP Rel 6	HSDPA Subtest-1	20.91	20.94	20.91	21.70	20.96	20.93	21.00	22.20
3GPP Rel 6	HSDPA Subtest-2	20.96	20.94	20.91	21.70	20.95	21.02	20.98	22.20
3GPP Rel 6	HSDPA Subtest-3	20.90	20.96	20.93	21.70	20.94	20.99	20.91	22.20
3GPP Rel 6	HSDPA Subtest-4	20.88	20.90	20.94	21.70	20.97	20.97	20.89	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	20.93	20.91	20.89	21.70	20.94	21.02	20.97	22.20
3GPP Rel 8	DC-HSDPA Subtest-2	20.94	20.90	20.83	21.70	20.89	20.93	20.87	22.20
3GPP Rel 8	DC-HSDPA Subtest-3	20.83	20.95	20.82	21.70	20.97	20.95	20.99	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	20.91	20.92	20.91	21.70	20.92	20.97	20.96	22.20
3GPP Rel 6	HSUPA Subtest-1	20.95	20.87	20.87	21.70	20.88	20.96	20.86	22.20
3GPP Rel 6	HSUPA Subtest-2	20.93	20.94	20.82	21.70	20.97	21.01	20.86	22.20
3GPP Rel 6	HSUPA Subtest-3	20.82	20.99	20.85	21.70	20.92	21.01	20.90	22.20
3GPP Rel 6	HSUPA Subtest-4	20.90	20.88	20.94	21.70	20.98	21.03	21.00	22.20
3GPP Rel 6	HSUPA Subtest-5	20.96	20.98	20.85	21.70	20.92	21.00	20.89	22.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.93	20.97	20.95	21.70	20.31	20.26	20.22	21.70

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 31			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.58	23.60	23.57	24.70	23.80	23.80	23.73	24.70
3GPP Rel 99	RMC 12.2Kbps	23.61	23.64	23.59	24.70	23.82	23.83	23.76	24.70
3GPP Rel 6	HSDPA Subtest-1	23.59	23.62	23.57	24.70	23.79	23.76	23.74	24.70
3GPP Rel 6	HSDPA Subtest-2	23.60	23.63	23.58	24.70	23.80	23.82	23.71	24.70
3GPP Rel 6	HSDPA Subtest-3	23.16	23.22	23.12	24.20	23.32	23.37	23.25	24.20
3GPP Rel 6	HSDPA Subtest-4	23.13	23.18	23.09	24.20	23.29	23.32	23.20	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.54	23.45	24.70	23.64	23.64	23.73	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.45	23.49	23.45	24.70	23.71	23.70	23.67	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	23.09	23.11	22.97	24.20	23.26	23.27	23.18	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	23.03	23.09	22.95	24.20	23.23	23.19	23.15	24.20
3GPP Rel 6	HSUPA Subtest-1	21.64	21.65	21.62	22.70	21.78	21.81	21.72	22.70
3GPP Rel 6	HSUPA Subtest-2	21.65	21.70	21.63	22.70	21.80	21.79	21.77	22.70
3GPP Rel 6	HSUPA Subtest-3	22.66	22.70	22.61	23.70	22.80	22.77	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	21.16	21.18	21.19	22.20	21.32	21.31	21.23	22.20
3GPP Rel 6	HSUPA Subtest-5	22.58	22.72	22.60	23.70	22.80	22.82	22.70	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.98	20.24	20.08	21.70	20.08	20.23	20.20	21.70

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.43	19.45	19.41		
20	QPSK	1	49	19.30	19.29	19.36	20.2	0
20	QPSK	1	99	19.27	19.34	19.25		
20	QPSK	50	0	19.41	19.43	19.40		
20	QPSK	50	24	19.32	19.27	19.37	20.2	0
20	QPSK	50	50	19.32	19.32	19.31		
20	QPSK	100	0	19.40	19.41	19.38		
20	16QAM	1	0	19.39	19.29	19.27		
20	16QAM	1	49	19.31	19.27	19.37	20.2	0
20	16QAM	1	99	19.32	19.27	19.33		
20	16QAM	50	0	19.37	19.36	19.23		
20	16QAM	50	24	19.33	19.34	19.33	20.2	0
20	16QAM	50	50	19.28	19.32	19.31		
20	16QAM	100	0	19.29	19.30	19.25		
20	64QAM	1	0	19.29	19.30	19.35		
20	64QAM	1	49	19.28	19.31	19.33	20.2	0
20	64QAM	1	99	19.28	19.35	19.32		
20	64QAM	50	0	19.25	19.39	19.27		
20	64QAM	50	24	19.32	19.37	19.23	20.2	0
20	64QAM	50	50	19.36	19.35	19.26		
20	64QAM	100	0	19.29	19.35	19.25		
20	256QAM	1	0	18.83	18.85	18.81		
20	256QAM	1	49	18.71	18.75	18.80	19.7	0.5
20	256QAM	1	99	18.71	18.72	18.66		
20	256QAM	50	0	18.70	18.70	18.69		
20	256QAM	50	24	18.79	18.73	18.78	19.7	0.5
20	256QAM	50	50	18.75	18.76	18.69		
20	256QAM	100	0	18.73	18.80	18.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.33	19.27	19.30		
15	QPSK	1	37	19.34	19.38	19.24	20.2	0
15	QPSK	1	74	19.36	19.31	19.23		
15	QPSK	36	0	19.39	19.33	19.30		
15	QPSK	36	20	19.30	19.30	19.33	20.2	0
15	QPSK	36	39	19.26	19.26	19.28		
15	QPSK	75	0	19.36	19.37	19.33		
15	16QAM	1	0	19.28	19.28	19.32		
15	16QAM	1	37	19.33	19.31	19.36	20.2	0
15	16QAM	1	74	19.38	19.29	19.24		
15	16QAM	36	0	19.28	19.31	19.31		
15	16QAM	36	20	19.31	19.30	19.29	20.2	0
15	16QAM	36	39	19.31	19.25	19.30		
15	16QAM	75	0	19.26	19.29	19.25		
15	64QAM	1	0	19.37	19.27	19.23		
15	64QAM	1	37	19.32	19.36	19.28	20.2	0
15	64QAM	1	74	19.38	19.33	19.30		
15	64QAM	36	0	19.37	19.30	19.36		
15	64QAM	36	20	19.29	19.35	19.32	20.2	0
15	64QAM	36	39	19.27	19.37	19.32		
15	64QAM	75	0	19.26	19.27	19.27		
15	256QAM	1	0	18.77	18.76	18.66		
15	256QAM	1	37	18.68	18.63	18.78	19.7	0.5
15	256QAM	1	74	18.65	18.65	18.51		
15	256QAM	36	0	18.60	18.61	18.64		
15	256QAM	36	20	18.68	18.69	18.72	19.7	0.5
15	256QAM	36	39	18.73	18.64	18.55		
15	256QAM	75	0	18.60	18.69	18.61		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.36	19.29	19.23		
10	QPSK	1	25	19.30	19.38	19.33	20.2	0
10	QPSK	1	49	19.29	19.39	19.36		
10	QPSK	25	0	19.31	19.36	19.27		
10	QPSK	25	12	19.38	19.38	19.23	20.2	0
10	QPSK	25	25	19.29	19.26	19.34		
10	QPSK	50	0	19.32	19.29	19.34		
10	16QAM	1	0	19.36	19.23	19.26		
10	16QAM	1	25	19.30	19.39	19.36	20.2	0
10	16QAM	1	49	19.37	19.31	19.30		
10	16QAM	25	0	19.26	19.36	19.32		
10	16QAM	25	12	19.26	19.27	19.26	20.2	0
10	16QAM	25	25	19.36	19.33	19.29		
10	16QAM	50	0	19.35	19.31	19.25		
10	64QAM	1	0	19.26	19.40	19.37		
10	64QAM	1	25	19.34	19.27	19.35	20.2	0
10	64QAM	1	49	19.39	19.33	19.35		
10	64QAM	25	0	19.31	19.32	19.26		
10	64QAM	25	12	19.32	19.31	19.27	20.2	0
10	64QAM	25	25	19.32	19.40	19.24		
10	64QAM	50	0	19.32	19.27	19.29		
10	256QAM	1	0	18.75	18.84	18.71		
10	256QAM	1	25	18.57	18.63	18.73	19.7	0.5
10	256QAM	1	49	18.68	18.57	18.61		
10	256QAM	25	0	18.58	18.62	18.65		
10	256QAM	25	12	18.69	18.71	18.70	19.7	0.5
10	256QAM	25	25	18.70	18.73	18.59		
10	256QAM	50	0	18.71	18.75	18.75		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.33	19.38	19.29		
5	QPSK	1	12	19.27	19.36	19.25	20.2	0
5	QPSK	1	24	19.31	19.36	19.23		
5	QPSK	12	0	19.38	19.40	19.32		
5	QPSK	12	7	19.35	19.35	19.37	20.2	0
5	QPSK	12	13	19.27	19.26	19.29		
5	QPSK	25	0	19.33	19.30	19.31		
5	16QAM	1	0	19.37	19.27	19.32		
5	16QAM	1	12	19.26	19.27	19.33	20.2	0
5	16QAM	1	24	19.33	19.29	19.36		
5	16QAM	12	0	19.33	19.34	19.24		
5	16QAM	12	7	19.31	19.23	19.23	20.2	0
5	16QAM	12	13	19.26	19.27	19.35		
5	16QAM	25	0	19.34	19.33	19.28		
5	64QAM	1	0	19.26	19.29	19.27		
5	64QAM	1	12	19.27	19.27	19.34	20.2	0
5	64QAM	1	24	19.25	19.29	19.32		
5	64QAM	12	0	19.31	19.28	19.27		
5	64QAM	12	7	19.37	19.29	19.33	20.2	0
5	64QAM	12	13	19.38	19.35	19.35		
5	64QAM	25	0	19.35	19.32	19.28		
5	256QAM	1	0	18.71	18.70	18.69		
5	256QAM	1	12	18.58	18.64	18.79	19.7	0.5
5	256QAM	1	24	18.61	18.67	18.61		
5	256QAM	12	0	18.68	18.59	18.65		
5	256QAM	12	7	18.77	18.64	18.66	19.7	0.5
5	256QAM	12	13	18.62	18.62	18.65		
5	256QAM	25	0	18.61	18.73	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.34	19.33	19.32		
3	QPSK	1	8	19.31	19.35	19.24	20.2	0
3	QPSK	1	14	19.31	19.40	19.36		
3	QPSK	8	0	19.34	19.33	19.37		
3	QPSK	8	4	19.33	19.34	19.33	20.2	0
3	QPSK	8	7	19.27	19.34	19.29		
3	QPSK	15	0	19.33	19.36	19.36		
3	16QAM	1	0	19.33	19.31	19.35		
3	16QAM	1	8	19.31	19.38	19.27	20.2	0
3	16QAM	1	14	19.26	19.34	19.26		
3	16QAM	8	0	19.31	19.23	19.23		
3	16QAM	8	4	19.31	19.34	19.33	20.2	0
3	16QAM	8	7	19.39	19.27	19.31		
3	16QAM	15	0	19.25	19.30	19.37		
3	64QAM	1	0	19.39	19.31	19.35		
3	64QAM	1	8	19.39	19.26	19.33	20.2	0
3	64QAM	1	14	19.31	19.27	19.26		
3	64QAM	8	0	19.30	19.34	19.25		
3	64QAM	8	4	19.36	19.30	19.32	20.2	0
3	64QAM	8	7	19.31	19.27	19.27		
3	64QAM	15	0	19.38	19.34	19.34		
3	256QAM	1	0	18.82	18.70	18.73		
3	256QAM	1	8	18.67	18.62	18.75	19.7	0.5
3	256QAM	1	14	18.64	18.63	18.63		
3	256QAM	8	0	18.69	18.55	18.61		
3	256QAM	8	4	18.75	18.72	18.69	19.7	0.5
3	256QAM	8	7	18.64	18.75	18.59		
3	256QAM	15	0	18.58	18.72	18.70		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.33	19.30	19.29		
1.4	QPSK	1	3	19.37	19.28	19.34		
1.4	QPSK	1	5	19.30	19.40	19.34	20.2	0
1.4	QPSK	3	0	19.25	19.31	19.34		
1.4	QPSK	3	1	19.31	19.40	19.37		
1.4	QPSK	3	3	19.36	19.28	19.31		
1.4	QPSK	6	0	19.36	19.24	19.23	20.2	0
1.4	16QAM	1	0	19.34	19.29	19.26		
1.4	16QAM	1	3	19.29	19.39	19.26		
1.4	16QAM	1	5	19.28	19.40	19.36	20.2	0
1.4	16QAM	3	0	19.37	19.26	19.24		
1.4	16QAM	3	1	19.38	19.40	19.33		
1.4	16QAM	3	3	19.26	19.39	19.32		
1.4	16QAM	6	0	19.26	19.27	19.31	20.2	0
1.4	64QAM	1	0	19.27	19.27	19.23		
1.4	64QAM	1	3	19.33	19.35	19.23		
1.4	64QAM	1	5	19.26	19.33	19.28	20.2	0
1.4	64QAM	3	0	19.35	19.26	19.26		
1.4	64QAM	3	1	19.35	19.29	19.29		
1.4	64QAM	3	3	19.35	19.35	19.26		
1.4	64QAM	6	0	19.25	19.39	19.34	20.2	0
1.4	256QAM	1	0	18.73	18.70	18.68		
1.4	256QAM	1	3	18.57	18.66	18.69		
1.4	256QAM	1	5	18.61	18.58	18.54	19.7	0.5
1.4	256QAM	3	0	18.62	18.58	18.55		
1.4	256QAM	3	1	18.76	18.68	18.66		
1.4	256QAM	3	3	18.62	18.66	18.66		
1.4	256QAM	6	0	18.62	18.69	18.72	19.7	0.5

Band 2_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.89	19.90	19.87		
20	QPSK	1	49	19.81	19.72	19.71	21	0
20	QPSK	1	99	19.82	19.80	19.80		
20	QPSK	50	0	19.87	19.88	19.85		
20	QPSK	50	24	19.70	19.75	19.81	21	0
20	QPSK	50	50	19.84	19.81	19.70		
20	QPSK	100	0	19.85	19.86	19.83		
20	16QAM	1	0	19.82	19.75	19.74		
20	16QAM	1	49	19.78	19.72	19.76	21	0
20	16QAM	1	99	19.75	19.82	19.71		
20	16QAM	50	0	19.83	19.73	19.77		
20	16QAM	50	24	19.70	19.84	19.79	21	0
20	16QAM	50	50	19.82	19.73	19.71		
20	16QAM	100	0	19.80	19.84	19.81		
20	64QAM	1	0	19.77	19.77	19.73		
20	64QAM	1	49	19.70	19.77	19.80	21	0
20	64QAM	1	99	19.78	19.77	19.73		
20	64QAM	50	0	19.71	19.78	19.72		
20	64QAM	50	24	19.74	19.84	19.75	21	0
20	64QAM	50	50	19.82	19.74	19.75		
20	64QAM	100	0	19.82	19.83	19.70		
20	256QAM	1	0	18.36	18.38	18.35		
20	256QAM	1	49	18.26	18.37	18.26	19.5	1.5
20	256QAM	1	99	18.28	18.37	18.22		
20	256QAM	50	0	18.30	18.32	18.29		
20	256QAM	50	24	18.24	18.26	18.34	19.5	1.5
20	256QAM	50	50	18.31	18.37	18.34		
20	256QAM	100	0	18.26	18.34	18.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.81	19.82	19.80		
15	QPSK	1	37	19.81	19.79	19.79	21	0
15	QPSK	1	74	19.77	19.79	19.69		
15	QPSK	36	0	19.82	19.78	19.78		
15	QPSK	36	20	19.73	19.85	19.73	21	0
15	QPSK	36	39	19.73	19.80	19.73		
15	QPSK	75	0	19.74	19.83	19.81		
15	16QAM	1	0	19.77	19.80	19.70		
15	16QAM	1	37	19.79	19.81	19.73	21	0
15	16QAM	1	74	19.70	19.80	19.79		
15	16QAM	36	0	19.76	19.73	19.74		
15	16QAM	36	20	19.83	19.74	19.69	21	0
15	16QAM	36	39	19.71	19.72	19.81		
15	16QAM	75	0	19.73	19.82	19.68		
15	64QAM	1	0	19.79	19.80	19.75		
15	64QAM	1	37	19.83	19.72	19.76	21	0
15	64QAM	1	74	19.73	19.77	19.70		
15	64QAM	36	0	19.82	19.82	19.72		
15	64QAM	36	20	19.79	19.83	19.79	21	0
15	64QAM	36	39	19.81	19.84	19.80		
15	64QAM	75	0	19.76	19.84	19.68		
15	256QAM	1	0	18.34	18.37	18.29		
15	256QAM	1	37	18.24	18.22	18.19	19.5	1.5
15	256QAM	1	74	18.27	18.26	18.08		
15	256QAM	36	0	18.18	18.25	18.17		
15	256QAM	36	20	18.14	18.12	18.33	19.5	1.5
15	256QAM	36	39	18.21	18.24	18.29		
15	256QAM	75	0	18.11	18.26	18.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.72	19.80	19.82		
10	QPSK	1	25	19.82	19.74	19.79	21	0
10	QPSK	1	49	19.83	19.73	19.81		
10	QPSK	25	0	19.77	19.71	19.72		
10	QPSK	25	12	19.75	19.72	19.74	21	0
10	QPSK	25	25	19.77	19.82	19.82		
10	QPSK	50	0	19.72	19.74	19.78		
10	16QAM	1	0	19.78	19.73	19.73		
10	16QAM	1	25	19.80	19.80	19.79	21	0
10	16QAM	1	49	19.77	19.78	19.69		
10	16QAM	25	0	19.83	19.75	19.75		
10	16QAM	25	12	19.82	19.73	19.79	21	0
10	16QAM	25	25	19.73	19.85	19.68		
10	16QAM	50	0	19.81	19.72	19.82		
10	64QAM	1	0	19.84	19.75	19.75		
10	64QAM	1	25	19.70	19.79	19.70	21	0
10	64QAM	1	49	19.73	19.80	19.78		
10	64QAM	25	0	19.81	19.80	19.75		
10	64QAM	25	12	19.75	19.82	19.81	21	0
10	64QAM	25	25	19.82	19.83	19.80		
10	64QAM	50	0	19.71	19.81	19.75		
10	256QAM	1	0	18.26	18.23	18.28		
10	256QAM	1	25	18.23	18.35	18.11	19.5	1.5
10	256QAM	1	49	18.16	18.34	18.14		
10	256QAM	25	0	18.16	18.19	18.22		
10	256QAM	25	12	18.19	18.14	18.22	19.5	1.5
10	256QAM	25	25	18.21	18.35	18.26		
10	256QAM	50	0	18.22	18.27	18.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.79	19.77	19.80		
5	QPSK	1	12	19.83	19.80	19.71	21	0
5	QPSK	1	24	19.77	19.75	19.78		
5	QPSK	12	0	19.85	19.81	19.74		
5	QPSK	12	7	19.82	19.77	19.78	21	0
5	QPSK	12	13	19.74	19.73	19.81		
5	QPSK	25	0	19.75	19.85	19.70		
5	16QAM	1	0	19.72	19.80	19.77		
5	16QAM	1	12	19.74	19.73	19.74	21	0
5	16QAM	1	24	19.84	19.81	19.70		
5	16QAM	12	0	19.75	19.77	19.76		
5	16QAM	12	7	19.84	19.75	19.68	21	0
5	16QAM	12	13	19.70	19.74	19.79		
5	16QAM	25	0	19.71	19.73	19.69		
5	64QAM	1	0	19.74	19.77	19.74		
5	64QAM	1	12	19.80	19.80	19.80	21	0
5	64QAM	1	24	19.70	19.78	19.73		
5	64QAM	12	0	19.71	19.81	19.78		
5	64QAM	12	7	19.73	19.72	19.76	21	0
5	64QAM	12	13	19.78	19.79	19.76		
5	64QAM	25	0	19.76	19.82	19.74		
5	256QAM	1	0	18.30	18.34	18.26		
5	256QAM	1	12	18.12	18.36	18.17	19.5	1.5
5	256QAM	1	24	18.13	18.26	18.14		
5	256QAM	12	0	18.29	18.30	18.28		
5	256QAM	12	7	18.13	18.14	18.24	19.5	1.5
5	256QAM	12	13	18.21	18.26	18.24		
5	256QAM	25	0	18.18	18.30	18.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.74	19.82	19.73		
3	QPSK	1	8	19.77	19.71	19.75	21	0
3	QPSK	1	14	19.83	19.75	19.71		
3	QPSK	8	0	19.79	19.74	19.75		
3	QPSK	8	4	19.71	19.84	19.71	21	0
3	QPSK	8	7	19.84	19.76	19.75		
3	QPSK	15	0	19.76	19.82	19.76		
3	16QAM	1	0	19.73	19.80	19.71		
3	16QAM	1	8	19.76	19.83	19.79	21	0
3	16QAM	1	14	19.80	19.73	19.80		
3	16QAM	8	0	19.80	19.78	19.69		
3	16QAM	8	4	19.73	19.82	19.70	21	0
3	16QAM	8	7	19.80	19.81	19.68		
3	16QAM	15	0	19.76	19.78	19.79		
3	64QAM	1	0	19.76	19.85	19.68		
3	64QAM	1	8	19.70	19.81	19.81	21	0
3	64QAM	1	14	19.76	19.83	19.69		
3	64QAM	8	0	19.73	19.80	19.70		
3	64QAM	8	4	19.70	19.78	19.82	21	0
3	64QAM	8	7	19.80	19.73	19.78		
3	64QAM	15	0	19.78	19.73	19.77		
3	256QAM	1	0	18.29	18.28	18.34		
3	256QAM	1	8	18.19	18.25	18.24	19.5	1.5
3	256QAM	1	14	18.16	18.22	18.16		
3	256QAM	8	0	18.18	18.25	18.15		
3	256QAM	8	4	18.17	18.19	18.19	19.5	1.5
3	256QAM	8	7	18.20	18.26	18.26		
3	256QAM	15	0	18.25	18.22	18.17		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.80	19.72	19.80		
1.4	QPSK	1	3	19.80	19.80	19.79		
1.4	QPSK	1	5	19.70	19.77	19.81	21	0
1.4	QPSK	3	0	19.74	19.82	19.81		
1.4	QPSK	3	1	19.74	19.76	19.71		
1.4	QPSK	3	3	19.72	19.83	19.78		
1.4	QPSK	6	0	19.70	19.71	19.69	21	0
1.4	16QAM	1	0	19.82	19.77	19.68		
1.4	16QAM	1	3	19.75	19.80	19.81		
1.4	16QAM	1	5	19.75	19.82	19.77	21	0
1.4	16QAM	3	0	19.82	19.74	19.78		
1.4	16QAM	3	1	19.83	19.73	19.73		
1.4	16QAM	3	3	19.74	19.79	19.79		
1.4	16QAM	6	0	19.80	19.73	19.79	21	0
1.4	64QAM	1	0	19.80	19.69	19.69		
1.4	64QAM	1	3	19.71	19.77	19.75	21	0
1.4	64QAM	1	5	19.70	19.80	19.70		
1.4	64QAM	3	0	19.78	19.73	19.78		
1.4	64QAM	3	1	19.84	19.76	19.73		
1.4	64QAM	3	3	19.83	19.76	19.73		
1.4	64QAM	6	0	19.84	19.71	19.77	21	0
1.4	256QAM	1	0	18.30	18.25	18.32		
1.4	256QAM	1	3	18.20	18.23	18.22	19.5	1.5
1.4	256QAM	1	5	18.13	18.33	18.20		
1.4	256QAM	3	0	18.23	18.30	18.27		
1.4	256QAM	3	1	18.13	18.17	18.21		
1.4	256QAM	3	3	18.18	18.25	18.33		
1.4	256QAM	6	0	18.16	18.23	18.14	19.5	1.5

Band 2_Ant 11

BW [MHz]	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	19.93	19.95	19.91		
20	QPSK	1	49	19.76	19.88	19.84	21.6	0
20	QPSK	1	99	19.78	19.87	19.85		
20	QPSK	50	0	19.91	19.93	19.90		
20	QPSK	50	24	19.88	19.88	19.79	21.6	0
20	QPSK	50	50	19.88	19.90	19.79		
20	QPSK	100	0	19.90	19.91	19.89		
20	16QAM	1	0	19.83	19.80	19.76		
20	16QAM	1	49	19.81	19.84	19.87	21.6	0
20	16QAM	1	99	19.

Band 4_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.28	21.30	21.26		
20	QPSK	1	49	21.24	21.25	21.13	22.4	0
20	QPSK	1	99	21.16	21.25	21.20		
20	QPSK	50	0	21.27	21.28	21.25		
20	QPSK	50	24	21.16	21.20	21.20	22.4	0
20	QPSK	50	50	21.14	21.11	21.13		
20	QPSK	100	0	21.25	21.26	21.23		
20	16QAM	1	0	21.12	21.23	21.09		
20	16QAM	1	49	21.15	21.15	21.20	22.4	0
20	16QAM	1	99	21.16	21.23	21.09		
20	16QAM	50	0	21.13	21.15	21.21		
20	16QAM	50	24	21.10	21.23	21.19	22.4	0
20	16QAM	50	50	21.10	21.11	21.11		
20	16QAM	100	0	21.20	21.11	21.20		
20	64QAM	1	0	21.19	21.22	21.17		
20	64QAM	1	49	21.13	21.12	21.12	22.4	0
20	64QAM	1	99	21.18	21.17	21.14		
20	64QAM	50	0	20.61	20.70	20.67		
20	64QAM	50	24	20.62	20.68	20.66	21.9	0.5
20	64QAM	50	50	20.58	20.61	20.60		
20	64QAM	100	0	20.68	20.68	20.64		
20	256QAM	1	0	18.75	18.76	18.73		
20	256QAM	1	49	18.66	18.61	18.67	19.9	2.5
20	256QAM	1	99	18.66	18.73	18.72		
20	256QAM	50	0	18.64	18.68	18.59		
20	256QAM	50	24	18.67	18.66	18.67	19.9	2.5
20	256QAM	50	50	18.70	18.75	18.64		
20	256QAM	100	0	18.69	18.73	18.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.19	21.18	21.14		
15	QPSK	1	37	21.17	21.12	21.11	22.4	0
15	QPSK	1	74	21.15	21.24	21.08		
15	QPSK	36	0	21.16	21.22	21.22		
15	QPSK	36	20	21.10	21.18	21.22	22.4	0
15	QPSK	36	39	21.10	21.13	21.22		
15	QPSK	75	0	21.19	21.14	21.08		
15	16QAM	1	0	21.15	21.15	21.20		
15	16QAM	1	37	21.17	21.11	21.12	22.4	0
15	16QAM	1	74	21.13	21.18	21.19		
15	16QAM	36	0	21.21	21.15	21.22		
15	16QAM	36	20	21.15	21.21	21.08	22.4	0
15	16QAM	36	39	21.20	21.15	21.22		
15	16QAM	75	0	21.16	21.19	21.16		
15	64QAM	1	0	21.13	21.19	21.17		
15	64QAM	1	37	21.16	21.23	21.13	22.4	0
15	64QAM	1	74	21.24	21.15	21.08		
15	64QAM	36	0	20.58	20.64	20.61		
15	64QAM	36	20	20.54	20.56	20.53	21.9	0.5
15	64QAM	36	39	20.52	20.47	20.46		
15	64QAM	75	0	20.62	20.53	20.61		
15	256QAM	1	0	18.63	18.69	18.64		
15	256QAM	1	37	18.51	18.54	18.58	19.9	2.5
15	256QAM	1	74	18.56	18.63	18.68		
15	256QAM	36	0	18.55	18.51	18.58		
15	256QAM	36	20	18.63	18.51	18.56	19.9	2.5
15	256QAM	36	39	18.57	18.65	18.54		
15	256QAM	75	0	18.55	18.69	18.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.17	21.19	21.15		
10	QPSK	1	25	21.12	21.18	21.14	22.4	0
10	QPSK	1	49	21.19	21.13	21.09		
10	QPSK	25	0	21.24	21.18	21.12		
10	QPSK	25	12	21.13	21.23	21.15	22.4	0
10	QPSK	25	25	21.12	21.23	21.12		
10	QPSK	50	0	21.13	21.23	21.10		
10	16QAM	1	0	21.13	21.23	21.09		
10	16QAM	1	25	21.22	21.11	21.12	22.4	0
10	16QAM	1	49	21.12	21.20	21.10		
10	16QAM	25	0	21.10	21.18	21.12		
10	16QAM	25	12	21.19	21.21	21.13	22.4	0
10	16QAM	25	25	21.10	21.15	21.13		
10	16QAM	50	0	21.19	21.20	21.22		
10	64QAM	1	0	21.21	21.11	21.21		
10	64QAM	1	25	21.17	21.17	21.13	22.4	0
10	64QAM	1	49	21.23	21.13	21.14		
10	64QAM	25	0	20.56	20.55	20.52		
10	64QAM	25	12	20.51	20.62	20.56	21.9	0.5
10	64QAM	25	25	20.46	20.53	20.54		
10	64QAM	50	0	20.48	20.52	20.58		
10	256QAM	1	0	18.72	18.65	18.58		
10	256QAM	1	25	18.56	18.49	18.58	19.9	2.5
10	256QAM	1	49	18.61	18.69	18.64		
10	256QAM	25	0	18.59	18.61	18.57		
10	256QAM	25	12	18.57	18.65	18.64	19.9	2.5
10	256QAM	25	25	18.60	18.71	18.49		
10	256QAM	50	0	18.60	18.67	18.58		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.13	21.23	21.13		
5	QPSK	1	12	21.22	21.20	21.18	22.4	0
5	QPSK	1	24	21.14	21.15	21.09		
5	QPSK	12	0	21.21	21.16	21.16		
5	QPSK	12	7	21.15	21.25	21.13	22.4	0
5	QPSK	12	13	21.20	21.22	21.16		
5	QPSK	25	0	21.20	21.11	21.16		
5	16QAM	1	0	21.14	21.21	21.15		
5	16QAM	1	12	21.22	21.20	21.19	22.4	0
5	16QAM	1	24	21.11	21.22	21.19		
5	16QAM	12	0	21.11	21.23	21.21		
5	16QAM	12	7	21.21	21.15	21.08	22.4	0
5	16QAM	12	13	21.15	21.16	21.08		
5	16QAM	25	0	21.23	21.14	21.22		
5	64QAM	1	0	21.13	21.19	21.11		
5	64QAM	1	12	21.18	21.10	21.16	22.4	0
5	64QAM	1	24	21.20	21.20	21.21		
5	64QAM	12	0	20.54	20.68	20.65		
5	64QAM	12	7	20.52	20.60	20.54	21.9	0.5
5	64QAM	12	13	20.59	20.59	20.46		
5	64QAM	25	0	20.42	20.58	20.51		
5	256QAM	1	0	18.66	18.65	18.68		
5	256QAM	1	12	18.51	18.52	18.58	19.9	2.5
5	256QAM	1	24	18.62	18.72	18.57		
5	256QAM	12	0	18.63	18.54	18.54		
5	256QAM	12	7	18.64	18.65	18.55	19.9	2.5
5	256QAM	12	13	18.57	18.67	18.57		
5	256QAM	25	0	18.62	18.68	18.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.11	21.18	21.11		
3	QPSK	1	8	21.15	21.21	21.16	22.4	0
3	QPSK	1	14	21.19	21.22	21.19		
3	QPSK	8	0	21.16	21.12	21.21		
3	QPSK	8	4	21.18	21.21	21.22	22.4	0
3	QPSK	8	7	21.12	21.15	21.22		
3	QPSK	15	0	21.14	21.15	21.13		
3	16QAM	1	0	21.11	21.18	21.10		
3	16QAM	1	8	21.14	21.21	21.21	22.4	0
3	16QAM	1	14	21.23	21.23	21.18		
3	16QAM	8	0	21.23	21.12	21.10		
3	16QAM	8	4	21.22	21.18	21.11	22.4	0
3	16QAM	8	7	21.21	21.24	21.08		
3	16QAM	15	0	21.11	21.17	21.10		
3	64QAM	1	0	21.20	21.14	21.20		
3	64QAM	1	8	21.13	21.21	21.22	22.4	0
3	64QAM	1	14	21.19	21.16	21.18		
3	64QAM	8	0	20.49	20.56	20.55		
3	64QAM	8	4	20.49	20.65	20.62	21.9	0.5
3	64QAM	8	7	20.47	20.51	20.45		
3	64QAM	15	0	20.53	20.60	20.54		
3	256QAM	1	0	18.61	18.66	18.60		
3	256QAM	1	8	18.61	18.49	18.54	19.9	2.5
3	256QAM	1	14	18.60	18.60	18.67		
3	256QAM	8	0	18.59	18.58	18.58		
3	256QAM	8	4	18.66	18.57	18.54	19.9	2.5
3	256QAM	8	7	18.67	18.70	18.53		
3	256QAM	15	0	18.61	18.64	18.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.20	21.14	21.09		
1.4	QPSK	1	3	21.17	21.13	21.12		
1.4	QPSK	1	5	21.14	21.14	21.17	22.4	0
1.4	QPSK	3	0	21.19	21.23	21.13		
1.4	QPSK	3	1	21.22	21.22	21.10		
1.4	QPSK	3	3	21.14	21.25	21.12		
1.4	QPSK	6	0	21.16	21.21	21.22	22.4	0
1.4	16QAM	1	0	21.21	21.13	21.19		
1.4	16QAM	1	3	21.11	21.22	21.18		
1.4	16QAM	1	5	21.20	21.23	21.19	22.4	0
1.4	16QAM	3	0	21.16	21.18	21.21		
1.4	16QAM	3	1	21.13	21.24	21.21		
1.4	16QAM	3	3	21.22	21.19	21.22		
1.4	16QAM	6	0	21.19	21.24	21.14	22.4	0
1.4	64QAM	1	0	21.18	21.13	21.14		
1.4	64QAM	1	3	21.16	21.23	21.15		
1.4	64QAM	1	5	21.13	21.25	21.17	22.4	0
1.4	64QAM	3	0	21.21	21.13	21.13		
1.4	64QAM	3	1	21.15	21.19	21.09		
1.4	64QAM	3	3	21.22	21.18	21.17		
1.4	64QAM	6	0	20.59	20.65	20.65	21.9	0.5
1.4	256QAM	1	0	18.61	18.70	18.71		
1.4	256QAM	1	3	18.59	18.56	18.54		
1.4	256QAM	1	5	18.64	18.64	18.65	19.9	2.5
1.4	256QAM	3	0	18.53	18.59	18.57		
1.4	256QAM	3	1	18.57	18.52	18.64		
1.4	256QAM	3	3	18.68	18.63	18.49		
1.4	256QAM	6	0	18.57	18.63	18.66	19.9	2.5

Band 4_Ant 11

BW [MHz]	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	19.78	19.80	19.77		
20	QPSK	1	49	19.73	19.62	19.59	20.9	0
20	QPSK	1	99	19.71	19.64	19.59		
20	QPSK	50	0	19.77	19.78	19.75		
20	QPSK	50	24	19.72	19.64	19.58	20.9	0
20	QPSK	50	50	19.67	19.69	19.64		
20	QPSK	100	0	19.75	19.76	19.73		
20	16QAM	1	0	19.65	19.67	19.71		
20	16QAM	1	49	19.74	19.64	19.64	20.9	0
20	16QAM	1	99	19.72	19.63	19.68		
20	16QAM	50	0	19.61	19.62	19.69		
20	16QAM	50	24	19.62	19.70	19.59	20.9	0
20	16QAM	50	50	19.74	19.68	19.59		
20	16QAM	100	0	19.66	19.68	19.61		
20	64QAM	1	0	19.68	19.69	19.58		
20	64QAM	1	49	19.64	19.72	19.68	20.9	0
20	64QAM	1	99	19.70	19.75	19.60		
20	64QAM	50	0	19.64	19.72	19.61		
20	64QAM	50	24	19.68	19.68	19.62	20.9	0
20	64QAM	50	50	19.61	19.66	19.62		
20	64QAM	100	0	19.74	19.73	19.59		
20	256QAM	1	0	18.81	18.83	18.80		
20	256QAM	1	49	18.74	18.80	18.75	19.9	1
20	256QAM	1	99	18.77	18.76	18.65		
20	256QAM	50	0	18.75	18.78	18.78		
20	256QAM	50	24	18.80	18.79	18.73	19.9	1
20	256QAM	50	50	18.72	18.81	18.72		
20	256QAM	100	0	18.74	18.77	18.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.74	19.67	19.65		
15	QPSK	1	37	19.64	19.66	19.72	20.9	0
15	QPSK	1	74	19.66	19.61	19.70		
15	QPSK	36	0	19.63	19.75	19.61		
15	QPSK	36	20	19.68	19.66	19.66	20.9	0
15	QPSK	36	39	19.66	19.63	19.58		
15	QPSK	75	0	19.61	19.71	19.65		
15	16QAM	1	0	19.73	19.65	19.72		
15	16QAM	1	37	19.73	19.66	19.68	20.9	0
15	16QAM	1	74	19.67	19.63	19.58		
15	16QAM	36	0	19.66	19.69	19.72		
15	16QAM	36	20	19.71	19.62	19.69	20.9	0
15	16QAM	36	39	19.72	19.70	19.70		
15	16QAM	75	0	19.62	19.63	19.67		
15	64QAM	1	0	19.74	19.72	19.66		
15	64QAM	1	37	19.66	19.71	19.62	20.9	0
15	64QAM	1	74	19.65	19.68	19.63		
15	64QAM	36	0	19.65	19.73	19.71		
15	64QAM	36	20	19.64	19.75	19.72	20.9	0
15	64QAM	36	39	19.67	19.66	19.66		
15	64QAM	75	0	19.62	19.77	19.71		
15	256QAM	1	0	18.67	18.76	18.74		
15	256QAM	1	37	18.71	18.79	18.63	19.9	1
15	256QAM	1	74	18.73	18.63	18.54		
15	256QAM	36	0	18.71	18.74	18.64		
15	256QAM	36	20	18.75	18.74	18.70	19.9	1
15	256QAM	36	39	18.71	18.68	18.68		
15	256QAM	75	0	18.68	18.66	18.59		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.68	19.64	19.68		
10	QPSK	1	25	19.61	19.72	19.72	20.9	0
10	QPSK	1	49	19.66	19.72	19.61		
10	QPSK	25	0	19.60	19.68	19.65		
10	QPSK	25	12	19.62	19.68	19.72	20.9	0
10	QPSK	25	25	19.66	19.70	19.70		
10	QPSK	50	0	19.65	19.71	19.64		
10	16QAM	1	0	19.73	19.67	19.63		
10	16QAM	1	25	19.60	19.70	19.63	20.9	0
10	16QAM	1	49	19.67	19.64	19.65		
10	16QAM	25	0	19.73	19.74	19.65		
10	16QAM	25	12	19.68	19.66	19.58	20.9	0
10	16QAM	25	25	19.62	19.70	19.70		
10	16QAM	50	0	19.64	19.65	19.58		
10	64QAM	1	0	19.73	19.61	19.67		
10	64QAM	1	25	19.70	19.62	19.69	20.9	0
10	64QAM	1	49	19.61	19.64	19.62		
10	64QAM	25	0	19.72	19.63	19.70		
10	64QAM	25	12	19.61	19.66	19.61	20.9	0
10	64QAM	25	25	19.68	19.66	19.66		
10	64QAM	50	0	19.61	19.70	19.66		
10	256QAM	1	0	18.69	18.71	18.66		
10	256QAM	1	25	18.66	18.69	18.61	19.9	1
10	256QAM	1	49	18.66	18.72	18.54		
10	256QAM	25	0	18.72	18.71	18.74		
10	256QAM	25	12	18.74	18.78	18.65	19.9	1
10	256QAM	25	25	18.66	18.72	18.63		
10	256QAM	50	0	18.63	18.69	18.63		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.65	19.67	19.60		
5	QPSK	1	12	19.73	19.75	19.72	20.9	0
5	QPSK	1	24	19.65	19.61	19.70		
5	QPSK	12	0	19.74	19.74	19.65		
5	QPSK	12	7	19.65	19.65	19.70	20.9	0
5	QPSK	12	13	19.65	19.74	19.66		
5	QPSK	25	0	19.68	19.70	19.59		
5	16QAM	1	0	19.72	19.63	19.69		
5	16QAM	1	12	19.74	19.68	19.63	20.9	0
5	16QAM	1	24	19.63	19.67	19.70		
5	16QAM	12	0	19.73	19.67	19.58		
5	16QAM	12	7	19.71	19.68	19.63	20.9	0
5	16QAM	12	13	19.70	19.62	19.64		
5	16QAM	25	0	19.72	19.75	19.68		
5	64QAM	1	0	19.64	19.68	19.68		
5	64QAM	1	12	19.64	19.61	19.63	20.9	0
5	64QAM	1	24	19.68	19.75	19.70		
5	64QAM	12	0	19.63	19.63	19.59		
5	64QAM	12	7	19.62	19.61	19.68	20.9	0
5	64QAM	12	13	19.64	19.63	19.64		
5	64QAM	25	0	19.69	19.64	19.71		
5	256QAM	1	0	18.75	18.74	18.74		
5	256QAM	1	12	18.68	18.65	18.60	19.9	1
5	256QAM	1	24	18.68	18.70	18.60		
5	256QAM	12	0	18.65	18.63	18.65		
5	256QAM	12	7	18.71	18.66	18.66	19.9	1
5	256QAM	12	13	18.60	18.76	18.64		
5	256QAM	25	0	18.71	18.76	18.67		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.67	19.63	19.63		
3	QPSK	1	8	19.73	19.75	19.69	20.9	0
3	QPSK	1	14	19.69	19.68	19.67		
3	QPSK	8	0	19.63	19.72	19.64		
3	QPSK	8	4	19.69	19.73	19.70	20.9	0
3	QPSK	8	7	19.71	19.69	19.64		
3	QPSK	15	0	19.64	19.71	19.64		
3	16QAM	1	0	19.62	19.70	19.72		
3	16QAM	1	8	19.68	19.69	19.65	20.9	0
3	16QAM	1	14	19.61	19.69	19.67		
3	16QAM	8	0	19.73	19.65	19.58		
3	16QAM	8	4	19.60	19.63	19.63	20.9	0
3	16QAM	8	7	19.62	19.61	19.58		
3	16QAM	15	0	19.73	19.66	19.58		
3	64QAM	1	0	19.61	19.61	19.66		
3	64QAM	1	8	19.67	19.73	19.70	20.9	0
3	64QAM	1	14	19.64	19.67	19.67		
3	64QAM	8	0	19.64	19.63	19.61		
3	64QAM	8	4	19.66	19.74	19.62	20.9	0
3	64QAM	8	7	19.74	19.70	19.65		
3	64QAM	15	0	19.73	19.68	19.69		
3	256QAM	1	0	18.79	18.80	18.76		
3	256QAM	1	8	18.60	18.69	18.72	19.9	1
3	256QAM	1	14	18.70	18.72	18.53		
3	256QAM	8	0	18.73	18.75	18.74		
3	256QAM	8	4	18.79	18.78	18.60	19.9	1
3	256QAM	8	7	18.67	18.75	18.61		
3	256QAM	15	0	18.60	18.74	18.53		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.65	19.61	19.68		
1.4	QPSK	1	3	19.65	19.71	19.71		
1.4	QPSK	1	5	19.64	19.72	19.67	20.9	0
1.4	QPSK	3	0	19.70	19.74	19.59		
1.4	QPSK	3	1	19.68	19.73	19.70		
1.4	QPSK	3	3	19.60	19.61	19.70		
1.4	QPSK	6	0	19.67	19.67	19.72	20.9	0
1.4	16QAM	1	0	19.67	19.65	19.66		
1.4	16QAM	1	3	19.62	19.64	19.65		
1.4	16QAM	1	5	19.66	19.69	19.61	20.9	0
1.4	16QAM	3	0	19.60	19.74	19.69		
1.4	16QAM	3	1	19.67	19.70	19.63		
1.4	16QAM	3	3	19.70	19.71	19.60		
1.4	16QAM	6	0	19.73	19.75	19.70	20.9	0
1.4	64QAM	1	0	19.65	19.65	19.61		
1.4	64QAM	1	3	19.68	19.67	19.63		
1.4	64QAM	1	5	19.68	19.63	19.72	20.9	0
1.4	64QAM	3	0	19.67	19.66	19.72		
1.4	64QAM	3	1	19.63	19.69	19.68		
1.4	64QAM	3	3	19.63	19.62	19.62		
1.4	64QAM	6	0	19.72	19.66	19.63	20.9	0
1.4	256QAM	1	0	18.75	18.81	18.78		
1.4	256QAM	1	3	18.71	18.69	18.70		
1.4	256QAM	1	5	18.67	18.71	18.63	19.9	1
1.4	256QAM	3	0	18.62	18.74	18.69		
1.4	256QAM	3	1	18.65	18.70	18.67		
1.4	256QAM	3	3	18.60	18.73	18.70		
1.4	256QAM	6	0	18.68	18.75	18.58	19.9	1

Band 5_Ant 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.86	23.84		
10	QPSK	1	25	23.77	23.79	23.73	25	0
10	QPSK	1	49	23.81	23.73	23.81		
10	QPSK	25	0	22.83	22.86	22.84		
10	QPSK	25	12	22.78	22.80	22.74	24	1
10	QPSK	25	25	22.75	22.79	22.75		
10	QPSK	50	0	22.80	22.83	22.81		
10	16QAM	1	0	22.96	23.03

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.33	18.35	18.31	19.2	0
20	QPSK	1	49	18.26	18.24	18.22		
20	QPSK	1	99	18.16	18.21	18.22		
20	QPSK	50	0	18.31	18.33	18.30	19.2	0
20	QPSK	50	24	18.15	18.27	18.27		
20	QPSK	50	50	18.19	18.30	18.19		
20	QPSK	100	0	18.30	18.31	18.28		
20	16QAM	1	0	18.21	18.28	18.22		
20	16QAM	1	49	18.21	18.25	18.22	19.2	0
20	16QAM	1	99	18.18	18.24	18.19		
20	16QAM	50	0	18.27	18.29	18.25		
20	16QAM	50	24	18.26	18.25	18.25	19.2	0
20	16QAM	50	50	18.17	18.30	18.20		
20	16QAM	100	0	18.29	18.23	18.20		
20	64QAM	1	0	18.15	18.25	18.18		
20	64QAM	1	49	18.16	18.26	18.13	19.2	0
20	64QAM	1	99	18.22	18.21	18.16		
20	64QAM	50	0	18.23	18.22	18.17		
20	64QAM	50	24	18.19	18.23	18.20	19.2	0
20	64QAM	50	50	18.19	18.23	18.26		
20	64QAM	100	0	18.28	18.19	18.17		
20	256QAM	1	0	18.22	18.21	18.24		
20	256QAM	1	49	18.16	18.23	18.25	19.2	0
20	256QAM	1	99	18.26	18.20	18.21		
20	256QAM	50	0	18.21	18.22	18.15		
20	256QAM	50	24	18.26	18.24	18.23	19.2	0
20	256QAM	50	50	18.23	18.27	18.18		
20	256QAM	100	0	18.29	18.23	18.26		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.22	18.25	18.27	19.2	0
15	QPSK	1	37	18.25	18.26	18.27		
15	QPSK	1	74	18.17	18.18	18.26		
15	QPSK	36	0	18.17	18.30	18.21		
15	QPSK	36	20	18.27	18.27	18.27	19.2	0
15	QPSK	36	39	18.23	18.16	18.20		
15	QPSK	75	0	18.18	18.29	18.24		
15	16QAM	1	0	18.22	18.23	18.19		
15	16QAM	1	37	18.29	18.22	18.23	19.2	0
15	16QAM	1	74	18.17	18.24	18.23		
15	16QAM	36	0	18.16	18.26	18.14		
15	16QAM	36	20	18.20	18.27	18.26	19.2	0
15	16QAM	36	39	18.20	18.27	18.25		
15	16QAM	75	0	18.20	18.28	18.21		
15	64QAM	1	0	18.27	18.25	18.23		
15	64QAM	1	37	18.21	18.29	18.14	19.2	0
15	64QAM	1	74	18.18	18.23	18.25		
15	64QAM	36	0	18.26	18.29	18.22		
15	64QAM	36	20	18.22	18.21	18.14	19.2	0
15	64QAM	36	39	18.26	18.21	18.21		
15	64QAM	75	0	18.25	18.30	18.24		
15	256QAM	1	0	18.25	18.17	18.19		
15	256QAM	1	37	18.28	18.21	18.15	19.2	0
15	256QAM	1	74	18.25	18.21	18.25		
15	256QAM	36	0	18.28	18.23	18.27		
15	256QAM	36	20	18.27	18.19	18.16	19.2	0
15	256QAM	36	39	18.20	18.28	18.22		
15	256QAM	75	0	18.23	18.24	18.20		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.18	18.23	18.23	19.2	0
10	QPSK	1	25	18.28	18.16	18.26		
10	QPSK	1	49	18.26	18.29	18.20		
10	QPSK	25	0	18.26	18.29	18.23		
10	QPSK	25	12	18.18	18.18	18.20	19.2	0
10	QPSK	25	25	18.25	18.19	18.23		
10	QPSK	50	0	18.21	18.25	18.21		
10	16QAM	1	0	18.18	18.23	18.27		
10	16QAM	1	25	18.29	18.22	18.23	19.2	0
10	16QAM	1	49	18.22	18.22	18.20		
10	16QAM	25	0	18.28	18.24	18.20		
10	16QAM	25	12	18.18	18.18	18.26	19.2	0
10	16QAM	25	25	18.23	18.23	18.26		
10	16QAM	50	0	18.28	18.24	18.14		
10	64QAM	1	0	18.26	18.22	18.24		
10	64QAM	1	25	18.15	18.19	18.14	19.2	0
10	64QAM	1	49	18.20	18.18	18.20		
10	64QAM	25	0	18.26	18.16	18.24		
10	64QAM	25	12	18.17	18.27	18.19	19.2	0
10	64QAM	25	25	18.15	18.27	18.18		
10	64QAM	50	0	18.21	18.20	18.24		
10	256QAM	1	0	18.21	18.30	18.27		
10	256QAM	1	25	18.15	18.20	18.18	19.2	0
10	256QAM	1	49	18.19	18.29	18.17		
10	256QAM	25	0	18.21	18.30	18.19		
10	256QAM	25	12	18.27	18.26	18.14	19.2	0
10	256QAM	25	25	18.23	18.24	18.25		
10	256QAM	50	0	18.28	18.16	18.23		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.17	18.21	18.23	19.2	0
5	QPSK	1	12	18.19	18.19	18.18		
5	QPSK	1	24	18.20	18.26	18.18		
5	QPSK	12	0	18.26	18.20	18.21	19.2	0
5	QPSK	12	7	18.20	18.30	18.21		
5	QPSK	12	13	18.27	18.28	18.16		
5	QPSK	25	0	18.25	18.26	18.27		
5	16QAM	1	0	18.26	18.23	18.15		
5	16QAM	1	12	18.25	18.25	18.23	19.2	0
5	16QAM	1	24	18.18	18.28	18.24		
5	16QAM	12	0	18.22	18.29	18.23		
5	16QAM	12	7	18.15	18.29	18.20	19.2	0
5	16QAM	12	13	18.27	18.24	18.17		
5	16QAM	25	0	18.15	18.20	18.14		
5	64QAM	1	0	18.18	18.21	18.14		
5	64QAM	1	12	18.27	18.18	18.20	19.2	0
5	64QAM	1	24	18.26	18.25	18.19		
5	64QAM	12	0	18.23	18.19	18.23	19.2	0
5	64QAM	12	7	18.24	18.22	18.15		
5	64QAM	12	13	18.22	18.20	18.24		
5	64QAM	25	0	18.22	18.16	18.20		
5	256QAM	1	0	18.17	18.16	18.27		
5	256QAM	1	12	18.29	18.22	18.19	19.2	0
5	256QAM	1	24	18.29	18.20	18.27		
5	256QAM	12	0	18.29	18.22	18.26		
5	256QAM	12	7	18.19	18.26	18.27	19.2	0
5	256QAM	12	13	18.19	18.20	18.14		
5	256QAM	25	0	18.23	18.22	18.21		

Band 7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.48	20.50	20.47	21.4	0
20	QPSK	1	49	20.44	20.42	20.36		
20	QPSK	1	99	20.36	20.44	20.35		
20	QPSK	50	0	20.47	20.48	20.46	21.4	0
20	QPSK	50	24	20.39	20.44	20.36		
20	QPSK	50	50	20.38	20.43	20.34		
20	QPSK	100	0	20.45	20.46	20.43		
20	16QAM	1	0	20.38	20.41	20.30		
20	16QAM	1	49	20.36	20.35	20.36	21.4	0
20	16QAM	1	99	20.35	20.32	20.28		
20	16QAM	50	0	20.36	20.31	20.29		
20	16QAM	50	24	20.40	20.42	20.28	21.4	0
20	16QAM	50	50	20.42	20.36	20.40		
20	16QAM	100	0	20.43	20.35	20.38		
20	64QAM	1	0	20.30	20.31	20.33		
20	64QAM	1	49	20.42	20.41	20.28	21.4	0
20	64QAM	1	99	20.43	20.36	20.40		
20	64QAM	50	0	20.33	20.31	20.38		
20	64QAM	50	24	20.31	20.31	20.36	21.4	0
20	64QAM	50	50	20.36	20.44	20.33		
20	64QAM	100	0	20.34	20.33	20.29		
20	256QAM	1	0	18.35	18.38	18.33		
20	256QAM	1	49	18.24	18.34	18.19	19.4	2
20	256QAM	1	99	18.31	18.28	18.18		
20	256QAM	50	0	18.23	18.36	18.30		
20	256QAM	50	24	18.26	18.28	18.19	19.4	2
20	256QAM	50	50	18.34	18.25	18.20		
20	256QAM	100	0	18.27	18.29	18.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.38	20.35	20.36	21.4	0
15	QPSK	1	37	20.39	20.38	20.30		
15	QPSK	1	74	20.35	20.44	20.34		
15	QPSK	36	0	20.35	20.42	20.42		
15	QPSK	36	20	20.32	20.39	20.38	21.4	0
15	QPSK	36	39	20.44	20.35	20.41		
15	QPSK	75	0	20.40	20.32	20.42		
15	16QAM	1	0	20.33	20.44	20.38		
15	16QAM	1	37	20.42	20.36	20.40	21.4	0
15	16QAM	1	74	20.36	20.40	20.40		
15	16QAM	36	0	20.33	20.31	20.41		
15	16QAM	36	20	20.41	20.36	20.37	21.4	0
15	16QAM	36	39	20.41	20.36	20.39		
15	16QAM	75	0	20.38	20.35	20.37		
15	64QAM	1	0	20.43	20.45	20.33		
15	64QAM	1	37	20.42	20.32	20.33	21.4	0
15	64QAM	1	74	20.44	20.33	20.36		
15	64QAM	36	0	20.44	20.37	20.35		
15	64QAM	36	20	20.44	20.40	20.30	21.4	0
15	64QAM	36	39	20.32	20.37	20.37		
15	64QAM	75	0	20.36	20.44	20.40		
15	256QAM	1	0	18.28	18.37	18.28		
15	256QAM	1	37	18.10	18.29	18.14	19.4	2
15	256QAM	1	74	18.24	18.16	18.03		
15	256QAM	36	0	18.20	18.32	18.18		
15	256QAM	36	20	18.23	18.24	18.11	19.4	2
15	256QAM	36	39	18.21	18.24	18.10		
15	256QAM	75	0	18.20	18.19	18.10		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.40	20.37	20.31	21.4	0
10	QPSK	1	25	20.44	20.40	20.36		
10	QPSK	1	49	20.30	20.31	20.38		
10	QPSK	25	0	20.36	20.44	20.36		
10	QPSK	25	12	20.37	20.33	20.37		
10	QPSK	25	25	20.44	20.32	20.30		
10	QPSK	50	0	20.36	20.32	20.31		
10	16QAM	1	0	20.38	20.36	20.39		
10	16QAM	1	25	20.40	20.35	20.41	21.4	0
10	16QAM	1	49	20.38	20.38	20.32		
10	16QAM	25	0	20.31	20.45	20.39		
10	16QAM	25	12	20.30	20.34	20.38	21.4	0
10	16QAM	25	25	20.39	20.31	20.40		
10	16QAM	50	0	20.39	20.43	20.41		
10	64QAM	1	0	20.31	20.45	20.36		
10	64QAM	1	25	20.42	20.31	20.31	21.4	0
10	64QAM	1	49	20.36	20.36	20.40		
10	64QAM	25	0	20.37	20.33	20.39		
10	64QAM	25	12	20.35	20.39	20.42	21.4	0
10	64QAM	25	25	20.38	20.45	20.40		
10	64QAM	50	0	20.30	20.34	20.40		
10	256QAM	1	0	18.27	18.37	18.25		
10	256QAM	1	25	18.10	18.29	18.04	19.4	2
10	256QAM	1	49	18.17	18.27	18.08		
10	256QAM	25	0	18.15	18.26	18.26		
10	256QAM	25	12	18.24	18.17	18.08	19.4	2
10	256QAM	25	25	18.25	18.15	18.13		
10	256QAM	50	0	18.12	18.17	18.16		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.42	20.32	20.41	21.4	0
5	QPSK	1	12	20.33	20.34	20.39		
5	QPSK	1	24	20.38	20.40	20.40		
5	QPSK	12	0	20.32	20.41	20.28		
5	QPSK	12	7	20.38	20.36	20.28	21.4	0
5	QPSK	12	13	20.42	20.33	20.31		
5	QPSK	25	0	20.40	20.32	20.41		
5	16QAM	1	0	20.38	20.44	20.36		
5	16QAM	1	12	20.41	20.40	20.28	21.4	0
5	16QAM	1	24	20.36	20.39	20.29		
5	16QAM	12	0	20.32	20.37	20.38		
5	16QAM	12	7	20.31	20.39	20.40	21.4	0
5	16QAM	12	13	20.32	20.40	20.29		
5	16QAM	25	0	20.37	20.41	20.32		
5	64QAM	1	0	20.36	20.31	20.29		
5	64QAM	1	12	20.37	20.36	20.37	21.4	0
5	64QAM	1	24	20.32	20.34	20.41		
5	64QAM	12	0	20.41	20.43	20.34		
5	64QAM	12	7	20.32	20.38	20.42	21.4	0
5	64QAM	12	13	20.42	20.33	20.31		
5	64QAM	25	0	20.32	20.44	20.41		
5	256QAM	1	0	18.20	18.33	18.22		
5	256QAM	1	12	18.22	18.26	18.12	19.4	2
5	256QAM	1	24	18.16	18.24	18.08		
5	256QAM	12	0	18.16	18.29	18.21		
5	256QAM	12	7	18.12	18.21	18.09	19.4	2
5	256QAM	12	13	18.24	18.20	18.15		
5	256QAM	25	0	18.22	18.23	18.12		

Band 7_Ant 11

BW [MHz]	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	19.37	19.38	19.35	20.4	0
20	QPSK	1	49	19.27	19.26	19.25		
20	QPSK	1	99	19.24	19.27	19.27		
20	QPSK	50	0	19.35	19.36	19.32	20.4	0
20	QPSK	50	24	19.27	19.27	19.28		
20	QPSK	50	50	19.30	19.25	19.23		
20	QPSK	100	0	19.33	19.35	19.31		
20	16QAM	1	0	19.29	19.34	19.26		
20	16QAM	1	49	19.29	19.23	19.19	20.4	0
20	16QAM	1	99	19.25	19.30	19.18		
20	16QAM	50	0	19.29	19.30	19.17		
20	16QAM	50	24	19.28	19.30	19.26	20.4	0
20	16QAM	50	50	19.20	19.29	19.30		
20	16QAM	100	0	19.25	19.29	19.22		
20	64QAM	1	0	19.23	19.26	19.21		
20	64QAM	1	49	19.22	19.27	19.20	20.4	0
20	64QAM	1	99	19.22	19.22	19.23		
20	64QAM	50	0	19.31	19.23	19.19		
20	64QAM	50	24	19.24	19.27	19.20	20.4	0
20	64QAM	50	50	19.22	19.27	19.22		
20	64QAM	100	0	19.25	19.24	19.17		
20	256QAM	1	0	18.35	18.36	18.33		
20	256QAM	1	49	18.34	18.34	18.19	19.4	1
20	256QAM	1	99	18.30	18.31	18.20		
20	256QAM	50	0	18.33	18.29	18.31		
20	256QAM	50	24	18.24	18.26	18.19	19.4	1
20	256QAM	50	50	18.29	18.31	18.28		
20	256QAM	100	0	18.24	18.25	18.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.23	19.30	19.23	20.4	0
15	QPSK	1	37	19.27	19.28	19.28		
15	QPSK	1	74	19.32	19.21	19.18		
15	QPSK	36	0	19.18	19.32	19.26		
15	QPSK	36	20	19.21	19.26	19.16	20.4	0
15	QPSK	36	39	19.22	19.22	19.28		
15	QPSK	75	0	19.32	19.31	19.27		
15	16QAM	1	0	19.25	19.21	19.27		
15	16QAM	1	37	19.27	19.26	19.25	20.4	0
15	16QAM	1	74	19.23	19.28	19.24		
15	16QAM	36	0	19.26	19.29	19.23		
15	16QAM	36	20	19.29	19.33	19.28	20.4	0
15	16QAM	36	39	19.30	19.33	19.21		
15	16QAM	75	0	19.18	19.20	19.22		
15	64QAM	1	0	19.28	19.31	19.20		
15	64QAM	1	37	19.26	19.22	19.24	20.4	0
15	64QAM	1	74	19.23	19.32	19.20		
15	64QAM	36	0	19.19	19.21	19.27		
15	64QAM	36	20	19.24	19.30	19.28	20.4	0
15	64QAM	36	39	19.20	19.27	19.29		
15	64QAM	75	0	19.23	19.24	19.28		
15	256QAM	1	0	18.31	18.35	18.24		
15	256QAM	1	37	18.32	18.23	18.05	19.4	1
15	256QAM	1	74	18.26	18.24	18.10		
15	256QAM	36	0	18.21	18.17	18.24		
15	256QAM	36	20	18.16	18.15	18.11	19.4	1
15	256QAM	36	39	18.19	18.25	18.27		
15	256QAM	75	0	18.21	18.13	18.15		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.18	19.31	19.18	20.4	0
10	QPSK	1	25	19.24	19.30	19.20		
10	QPSK	1	49	19.29	19.21	19.16		
10	QPSK	25	0	19.32	19.22	19.30		
10	QPSK	25	12	19.29	19.24	19.26	20.4	0
10	QPSK	25	25	19.29	19.20	19.17		
10	QPSK	50	0	19.28	19.32	19.28		
10	16QAM	1	0	19.27	19.21	19.22		
10	16QAM	1	25	19.18	19.26	19.27	20.4	0
10	16QAM	1	49	19.30	19.24	19.30		
10	16QAM	25	0	19.29	19.31	19.28		
10	16QAM	25	12	19.27	19.33	19.30	20.4	0
10	16QAM	25	25	19.27	19.32	19.23		
10	16QAM	50	0	19.29	19.34	19.24		
10	64QAM	1	0	19.25	19.24	19.16		
10	64QAM	1	25	19.31	19.23	19.23	20.4	0
10	64QAM	1	49	19.18	19.28	19.30		
10	64QAM	25	0	19.26	19.21	19.17		
10	64QAM	25	12	19.32	19.22	19.29	20.4	0
10	64QAM	25	25	19.22	19.21	19.20		
10	64QAM	50	0	19.19	19.22	19.26		
10	256QAM	1	0	18.24	18.32	18.27		
10	256QAM	1	25	18.23	18.21	18.09	19.4	1
10	256QAM	1	49	18.20	18.24	18.11		
10	256QAM	25	0	18.28	18.22	18.18		
10	256QAM	25	12	18.12	18.16	18.17	19.4	1
10	256QAM	25	25	18.22	18.22	18.15		
10	256QAM	50	0	18.20	18.18	18.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.22	19.34	19.26	20.4	0
5	QPSK	1	12	19.29	19.24	19.28		
5	QPSK	1	24	19.32	19.32	19.27		
5	QPSK	12	0	19.25	19.30	19.26		
5	QPSK	12	7	19.18	19.34	19.24	20.4	0
5	QPSK	12	13	19.19	19.22	19.30		
5	QPSK	25	0	19.26	19.24	19.23		
5	16QAM	1	0	19.20	19.28	19.24		
5	16QAM	1	12	19.25	19.25	19.17	20.4	0
5	16QAM	1	24	19.25	19.24	19.16		
5	16QAM	12	0	19.26	19.20	19.23		
5	16QAM	12	7	19.20	19.28	19.28	20.4	0
5	16QAM	12	13	19.30	19.34	19.21		
5	16QAM	25	0	19.23	19.24	19.22		
5	64QAM	1	0	19.21	19.28	19.25		
5	64QAM	1	12	19.24	19.27	19.28	20.4	0
5	64QAM	1	24	19.23	19.32	19.20		
5	64QAM	12	0	19.24	19.23	19.27		
5	64QAM	12	7	19.32	19.27	19.21	20.4	0
5	64QAM	12	13	19.23	19.30	19.22		
5	64QAM	25	0	19.25	19.29	19.16		
5	256QAM	1	0	18.30	18.25	18.18		
5	256QAM	1	12	18.21	18.29	18.04	19.4	1
5	256QAM	1	24	18.27	18.28	18.05		
5	256QAM	12	0	18.31	18.16	18.27		
5	256QAM	12	7	18.09	18.20	18.13	19.4	1
5	256QAM	12	13	18.20	18.21	18.20		
5	256QAM	25	0	18.17	18.23	18.19		

Band 12_Ant 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.83	23.85	23.81	24.7	0
10	QPSK	1	25	23.74	23.72	23.71		
10	QPSK	1	49	23.80	23.80	23.76		
10	QPSK	25	0	22.81	22.83	22.80	23.7	1
10	QPSK	25	12	22.72	22.70	22.72		
10	QPSK	25	25	22.73	22.76	22.72		
10	QPSK	50	0	22.78	22.80	22.77		
10	16QAM	1	0	22.88	22.95	22.97	23.7	1
10	16QAM	1	25	22.96	22.94	22.92		
10	16QAM	1	49	23.04

Band 12_Ant 31

BW [MHz]	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	24.00	24.07	24.03	25	0
10	QPSK	1	25	23.87	23.93	23.85		
10	QPSK	1	49	23.88	23.82	23.84		
10	QPSK	25	0	22.92	23.05	22.94	24	1
10	QPSK	25	12	22.84	22.83	22.84		
10	QPSK	25	25	22.88	22.89	22.85		
10	QPSK	50	0	22.84	23.01	22.89		
10	16QAM	1	0	22.59	23.41	22.80		
10	16QAM	1	25	23.29	22.77	23.17	24	1
10	16QAM	1	49	23.24	23.28	22.92		
10	16QAM	25	0	21.74	21.83	21.87	23	2
10	16QAM	25	12	21.83	21.87	21.77		
10	16QAM	25	25	21.86	21.88	21.84		
10	16QAM	50	0	21.77	21.88	21.82		
10	64QAM	1	0	22.00	22.11	21.58		
10	64QAM	1	25	21.88	22.10	21.93	23	2
10	64QAM	1	49	22.01	21.74	22.11		
10	64QAM	25	0	20.71	20.76	20.75		
10	64QAM	25	12	20.85	20.88	20.81	22	3
10	64QAM	25	25	20.89	20.81	20.88		
10	64QAM	50	0	20.85	20.85	20.81		
10	256QAM	1	0	18.89	18.90	18.86	20	5
10	256QAM	1	25	18.85	18.86	18.77		
10	256QAM	1	49	18.80	18.88	18.72		
10	256QAM	25	0	18.83	18.88	18.74	20	5
10	256QAM	25	12	18.78	18.84	18.81		
10	256QAM	25	25	18.81	18.78	18.80		
10	256QAM	50	0	18.85	18.78	18.73		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.99	23.98	23.90	25	0
5	QPSK	1	12	23.74	23.84	23.72		
5	QPSK	1	24	23.73	23.78	23.77		
5	QPSK	12	0	22.83	23.04	22.81	24	1
5	QPSK	12	7	22.76	22.76	22.79		
5	QPSK	12	13	22.82	22.79	22.75		
5	QPSK	25	0	22.69	22.99	22.76		
5	16QAM	1	0	22.57	23.27	22.76		
5	16QAM	1	12	23.16	22.64	23.08	24	1
5	16QAM	1	24	23.16	23.22	22.84		
5	16QAM	12	0	21.67	21.80	21.75	23	2
5	16QAM	12	7	21.69	21.76	21.74		
5	16QAM	12	13	21.75	21.81	21.71		
5	16QAM	25	0	21.69	21.76	21.72		
5	64QAM	1	0	21.90	22.08	21.50		
5	64QAM	1	12	21.82	22.00	21.92	23	2
5	64QAM	1	24	21.91	21.71	22.00		
5	64QAM	12	0	20.56	20.73	20.73		
5	64QAM	12	7	20.72	20.74	20.77	22	3
5	64QAM	12	13	20.78	20.79	20.81		
5	64QAM	25	0	20.71	20.76	20.78		
5	256QAM	1	0	18.87	18.82	18.80	20	5
5	256QAM	1	12	18.77	18.84	18.67		
5	256QAM	1	24	18.67	18.85	18.70		
5	256QAM	12	0	18.71	18.83	18.63		
5	256QAM	12	7	18.73	18.74	18.66	20	5
5	256QAM	12	13	18.78	18.68	18.68		
5	256QAM	25	0	18.81	18.68	18.61		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.87	24.03	23.96	25	0
3	QPSK	1	8	23.74	23.88	23.72		
3	QPSK	1	14	23.77	23.77	23.81		
3	QPSK	8	0	22.78	22.90	22.87	24	1
3	QPSK	8	4	22.75	22.79	22.73		
3	QPSK	8	7	22.86	22.76	22.75		
3	QPSK	15	0	22.73	22.92	22.83		
3	16QAM	1	0	22.54	23.39	22.75		
3	16QAM	1	8	23.26	22.68	23.16	24	1
3	16QAM	1	14	23.13	23.21	22.82		
3	16QAM	8	0	21.70	21.79	21.74	23	2
3	16QAM	8	4	21.70	21.78	21.69		
3	16QAM	8	7	21.75	21.77	21.79		
3	16QAM	15	0	21.68	21.77	21.75		
3	64QAM	1	0	21.96	21.98	21.51	23	2
3	64QAM	1	8	21.81	22.04	21.91		
3	64QAM	1	14	21.97	21.72	22.00		
3	64QAM	8	0	20.70	20.75	20.60	22	3
3	64QAM	8	4	20.73	20.73	20.77		
3	64QAM	8	7	20.76	20.75	20.74		
3	64QAM	15	0	20.73	20.77	20.76		
3	256QAM	1	0	18.88	18.78	18.72	20	5
3	256QAM	1	8	18.70	18.82	18.67		
3	256QAM	1	14	18.77	18.79	18.65		
3	256QAM	8	0	18.78	18.82	18.69	20	5
3	256QAM	8	4	18.73	18.79	18.78		
3	256QAM	8	7	18.69	18.72	18.73		
3	256QAM	15	0	18.70	18.71	18.67		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.91	23.92	23.98	25	0
1.4	QPSK	1	3	23.82	23.79	23.81		
1.4	QPSK	1	5	23.87	23.70	23.83		
1.4	QPSK	3	0	23.99	23.93	23.89		
1.4	QPSK	3	1	23.85	23.82	23.70		
1.4	QPSK	3	3	23.75	23.80	23.69		
1.4	QPSK	6	0	22.81	22.94	22.82	24	1
1.4	16QAM	1	0	22.81	22.68	22.73	24	1
1.4	16QAM	1	3	22.84	22.78	22.71		
1.4	16QAM	1	5	22.72	22.97	22.82		
1.4	16QAM	3	0	22.53	23.39	22.78		
1.4	16QAM	3	1	23.14	22.63	23.10		
1.4	16QAM	3	3	23.16	23.19	22.87		
1.4	16QAM	6	0	21.62	21.77	21.85	23	2
1.4	64QAM	1	0	21.77	21.72	21.70	23	2
1.4	64QAM	1	3	21.80	21.75	21.76		
1.4	64QAM	1	5	21.74	21.82	21.80		
1.4	64QAM	3	0	21.91	22.00	21.47		
1.4	64QAM	3	1	21.78	21.95	21.86		
1.4	64QAM	3	3	21.87	21.65	22.02		
1.4	64QAM	6	0	20.69	20.63	20.70	22	3
1.4	256QAM	1	0	18.82	18.80	18.80	20	5
1.4	256QAM	1	3	18.72	18.71	18.70		
1.4	256QAM	1	5	18.72	18.76	18.59		
1.4	256QAM	3	0	18.82	18.76	18.65		
1.4	256QAM	3	1	18.76	18.70	18.74		
1.4	256QAM	3	3	18.74	18.75	18.79		
1.4	256QAM	6	0	18.72	18.75	18.70	20	5

Band 13_Ant 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		23.56		24.7	0
10	QPSK	1	25		23.32			
10	QPSK	1	49		23.36			
10	QPSK	25	0		22.96		23.7	1
10	QPSK	25	12		22.31			
10	QPSK	25	25		22.29			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.51			
10	16QAM	1	25		22.53		23.7	1
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.26		22.7	2
10	16QAM	25	12		21.29			
10	16QAM	25	25		21.26			
10	16QAM	50	0		21.28			
10	64QAM	1	0		21.41			
10	64QAM	1	25		21.47		22.7	2
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.24		21.7	3
10	64QAM	25	12		20.28			
10	64QAM	25	25		20.26			
10	64QAM	50	0		20.26			
10	256QAM	1	0		18.37		19.7	5
10	256QAM	1	25		18.30			
10	256QAM	1	49		18.31			
10	256QAM	25	0		18.24		19.7	5
10	256QAM	25	12		18.23			
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.48	23.55	24.7	0
5	QPSK	1	12	23.24	23.24	23.20		
5	QPSK	1	24	23.33	23.21	23.23		
5	QPSK	12	0	22.46	22.42	22.51	23.7	1
5	QPSK	12	7	22.22	22.29	22.16		
5	QPSK	12	13	22.21	22.20	22.18		
5	QPSK	25	0	22.47	22.49	22.43		
5	16QAM	1	0	22.40	22.50	22.42		
5	16QAM	1	12	22.38	22.40	22.39	23.7	1
5	16QAM	1	24	22.43	22.48	22.45		
5	16QAM	12	0	21.20	21.23	21.23	22.7	2
5	16QAM	12	7	21.26	21.25	21.22		
5	16QAM	12	13	21.16	21.17	21.25		
5	16QAM	25	0	21.20	21.25	21.20		
5	64QAM	1	0	21.28	21.37	21.27		
5	64QAM	1	12	21.45	21.38	21.44	22.7	2
5	64QAM	1	24	21.43	21.38	21.39		
5	64QAM	12	0	20.20	20.15	20.19	21.7	3
5	64QAM	12	7	20.17	20.15	20.15		
5	64QAM	12	13	20.25	20.23	20.20		
5	64QAM	25	0	20.24	20.24	20.17		
5	256QAM	1	0	18.30	18.26	18.33	19.7	5
5	256QAM	1	12	18.22	18.17	18.25		
5	256QAM	1	24	18.22	18.27	18.30		
5	256QAM	12	0	18.14	18.15	18.12	19.7	5
5	256QAM	12	7	18.18	18.11	18.22		
5	256QAM	12	13	18.11	18.10	18.12		
5	256QAM	25	0	18.20	18.27	18.27		

Band 13_Ant 31

BW [MHz]	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		23.65		25	0
10	QPSK	1	25		23.57			
10	QPSK	1	49		23.56			
10	QPSK	25	0		22.63		24	1
10	QPSK	25	12		22.60			
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.60			
10	16QAM	1	0		22.57			
10	16QAM	1	25		22.54		24	1
10	16QAM	1	49		22.69			
10	16QAM	25	0		21.50		23	2
10	16QAM	25	12		21.54			
10	16QAM	25	25		21.59			
10	16QAM	50	0		21.50			
10	64QAM	1	0		21.87		23	2
10	64QAM	1	25		21.56			
10	64QAM	1	49		21.42			
10	64QAM	25	0		20.47		22	3
10	64QAM	25	12		20.54			
10	64QAM	25	25		20.45			
10	64QAM	50	0		20.56			
10	256QAM	1	0		18.58		20	5
10	256QAM	1	25		18.48			
10	256QAM	1	49		18.52			
10	256QAM	25	0		18.43		20	5
10	256QAM	25	12		18.44			
10	256QAM	25	25		18.46			
10	256QAM	50	0		18.46			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.63	23.55	25	0
5	QPSK	1	12	23.54	23.45	23.56		
5	QPSK	1	24	23.50	23.51	23.49		
5	QPSK	12	0	22.55	22.52	22.56	24	1
5	QPSK	12	7	22.55	22.50	22.51		
5	QPSK	12	13	22.48	22.45	22.45		
5	QPSK	25	0	22.53	22.47	22.45		
5	16QAM	1	0	22.56	22.43	22.50		
5	16QAM	1	12	22.46	22.40	22.51	24	1
5	16QAM	1	24	22.56	22.64	22.59		
5	16QAM	12	0	21.47	21.38	21.42	23	2
5	16QAM	12	7	21.42	21.40	21.45		
5	16QAM	12	13	21.49	21.52	21.54		
5	16QAM	25	0	21.38	21.43	21.36		
5	64QAM	1	0	21.76	21.78	21.72	23	2
5	64QAM	1	12	21.49	21.54	21.53		
5	64QAM	1	24	21.34	21.37	21.28		
5	64QAM	12	0	20.43	20.38	20.40	22	3
5	64QAM	12	7	20.51	20.45	20.39		
5	64QAM	12	13	20.33	20.39	20.38		
5	64QAM	25	0	20.52	20.42	20.47		
5	256QAM	1	0	18.49	18.45	18.46	20	5
5	256QAM	1	12	18.33	18.36	18.46		
5	256QAM	1	24	18.47	18.40	18.45		
5	256QAM	12	0	18.33	18.41	18.35	20	5
5	256QAM	12	7	18.40	18.43	18.32		
5	256QAM	12	13	18.40	18.40	18.36		
5	256QAM	25	0	18.32	18.40	18.32		

Band 17_Ant 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.78	23.80	23.75	24.7	0
10	QPSK	1	25	23.70	23.69	23.69		
10	QPSK	1	49	23.75	23.77	23.73		
10	QPSK	25	0	22.76	22.78	22.73	23.7	1
10	QPSK	25	12	22.65	22.66	22.65		
10	QPSK	25	25	22.69	22.69	22.68		
10	QPSK	50	0	22.73	22.75	22.71		
10	16QAM	1	0	22.83	22.86	22.86	23.7	1
10	16QAM	1	25	22.89	22.88	22.82		
10	16QAM	1	49	22.96	22.95	22.93		
10	16QAM	25	0	21.63	21.64	21.62	22.7	2
10	16QAM	25	12	21.64	21.62	21.62		
10	16QAM	25	25	21.68	21.66	21.67		
10	16QAM	50	0	21.66	21.65	21.65		
10	64QAM	1	0	21.72	21.79	21.76	22.7	2
10	64QAM	1	25	21.76	21.78	21.79		
10	64QAM	1	49	21.85	21.85	21.85		
10	64QAM	25	0	20.61	20.62	20.63	21.7	3
10	64QAM	25	12	20.63	20.62	20.63		
10	64QAM	25	25	20.67	20.66	20.66		
10	64QAM	50	0	20.64	20.65	20.64		
10	256QAM	1	0	18.68	18.70	18.67	19.7	5
10	256QAM	1	25	18.64	18.66	18.54		
10	256QAM	1	49	18.63	18.55	18.63		
10	256QAM	25	0	18.63	18.65	18.61	19.7	5
10	256QAM	25	12	18.60	18.55	18.61		
10	256QAM	25	25	18.63	18.59	18.55		
10	256QAM	50	0	18.61	18.67	18.66		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.74	23.73	23.71	24.7	0
5	QPSK	1	12	23.67	23.59	23.61		
5	QPSK	1	24	23.71	23.76	23.66		
5	QPSK	12	0	22.67	22.63	22.60	23.7	1
5	QPSK	12	7	22.62	22.57	22.64		
5	QPSK	12	13	22.59	22.64	22.59		
5	QPSK	25	0	22.61	22.69	22.67		
5	16QAM	1	0	22.75	22.81	22.81		
5	16QAM	1	12	22.87	22.74	22.76	23.7	1
5	16QAM	1	24	22.89	22.91	22.79		
5	16QAM	12	0	21.81	21.54	21.57	22.7	2
5	16QAM	12	7	21.62	21.56	21.47		
5	16QAM	12	13	21.64	21.57	21.64		
5	16QAM	25	0	21.55	21.57	21.60		
5	64QAM	1	0	21.69	21.77	21.61	22.7	2
5	64QAM	1	12	21.67	21.69	21.73		
5	64QAM	1	24	21.75	21.77	21.79		
5	64QAM	12	0	20.60	20.59	20.52	21.7	3
5	64QAM	12	7	20.55	20.61	20.50		
5	64QAM	12	13	20.62	20.55	20.52		
5	64QAM	25	0	20.60	20.57	20.57		
5	256QAM	1	0	18.54	18.56	18.66	19.7	5
5	256QAM	1	12	18.61	18.55	18.50		
5	256QAM	1	24	18.58	18.43	18.50		
5	256QAM	12	0	18.49	18.53	18.59	19.7	5
5	256QAM	12	7	18.56	18.46	18.48		
5	256QAM	12	13	18.54	18.55	18.46		
5	256QAM	25	0	18.48	18.59	18.57		

Band 17_Ant 31

BW [MHz]	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	24.01	24.03	23.99		
10	QPSK	1	25	24.00	23.90	23.97	25	0
10	QPSK	1	49	23.98	23.99	23.94		
10	QPSK	25	0	22.95	23.00	22.93		
10	QPSK	25	12	22.92	22.92	22.91	24	1
10	QPSK	25	25	22.94	22.90	22.93		
10	QPSK	50	0	22.95	22.97	22.93		
10	16QAM	1	0	23.09	22.95	22.95		
10	16QAM	1	25	23.25	23.01	23.26	24	1
10	16QAM	1	49	23.06	23.14	23.42		
10	16QAM	25	0	21.82	21.83	21.92		
10	16QAM	25	12	21.90	21.88	21.93	23	2
10	16QAM	25	25	21.95	21.97	21.90		
10	16QAM	50	0	21.90	21.90	21.86		
10	64QAM	1	0	22.16	22.16	21.70		
10	64QAM	1	25	22.18	21.89	22.18	23	2
10	64QAM	1	49	22.25	22.28	22.24		
10	64QAM	25	0	20.82	20.88	20.85		
10	64QAM	25	12	20.90	20.85	20.81	22	3
10	64QAM	25	25	20.91	20.86	20.93		
10	64QAM	50	0	20.91	20.93	20.85		
10	256QAM	1	0	18.87	18.90	18.85		
10	256QAM	1	25	18.86	18.84	18.81	20	5
10	256QAM	1	49	18.82	18.87	18.83		
10	256QAM	25	0	18.76	18.85	18.81		
10	256QAM	25	12	18.76	18.85	18.76	20	5
10	256QAM	25	25	18.86	18.80	18.79		
10	256QAM	50	0	18.79	18.89	18.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.89	24.01	23.87		
5	QPSK	1	12	23.86	23.77	23.88	25	0
5	QPSK	1	24	23.87	23.88	23.79		
5	QPSK	12	0	22.90	22.92	22.85		
5	QPSK	12	7	22.77	22.86	22.78	24	1
5	QPSK	12	13	22.84	22.88	22.81		
5	QPSK	25	0	22.90	22.95	22.88		
5	16QAM	1	0	23.03	22.93	22.87		
5	16QAM	1	12	23.13	22.91	23.12	24	1
5	16QAM	1	24	22.97	23.05	23.39		
5	16QAM	12	0	21.79	21.82	21.89		
5	16QAM	12	7	21.87	21.83	21.82	23	2
5	16QAM	12	13	21.86	21.85	21.82		
5	16QAM	25	0	21.79	21.87	21.75		
5	64QAM	1	0	22.12	22.04	21.55		
5	64QAM	1	12	22.13	21.78	22.13	23	2
5	64QAM	1	24	22.17	22.14	22.19		
5	64QAM	12	0	20.75	20.84	20.77		
5	64QAM	12	7	20.75	20.83	20.80	22	3
5	64QAM	12	13	20.79	20.76	20.81		
5	64QAM	25	0	20.80	20.82	20.75		
5	256QAM	1	0	18.77	18.79	18.80		
5	256QAM	1	12	18.72	18.71	18.67	20	5
5	256QAM	1	24	18.70	18.79	18.68		
5	256QAM	12	0	18.65	18.71	18.71		
5	256QAM	12	7	18.67	18.76	18.70	20	5
5	256QAM	12	13	18.78	18.75	18.71		
5	256QAM	25	0	18.65	18.81	18.65		

Band 26_Ant 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.67	23.74	23.66		
15	QPSK	1	37	23.57	23.60	23.63	24.7	0
15	QPSK	1	74	23.61	23.57	23.58		
15	QPSK	36	0	22.65	22.73	22.63		
15	QPSK	36	20	22.56	22.59	22.56	23.7	1
15	QPSK	36	39	22.57	22.52	22.53		
15	QPSK	75	0	22.63	22.68	22.60		
15	16QAM	1	0	22.66	22.76	22.80		
15	16QAM	1	37	22.74	22.84	22.80	23.7	1
15	16QAM	1	74	22.76	22.84	22.79		
15	16QAM	36	0	21.51	21.52	21.57		
15	16QAM	36	20	21.57	21.56	21.56	22.7	2
15	16QAM	36	39	21.56	21.52	21.52		
15	16QAM	75	0	21.53	21.57	21.57		
15	64QAM	1	0	21.57	21.65	21.74		
15	64QAM	1	37	21.69	21.71	21.75	22.7	2
15	64QAM	1	74	21.71	21.72	21.68		
15	64QAM	36	0	20.54	20.56	20.59		
15	64QAM	36	20	20.58	20.57	20.59	21.7	3
15	64QAM	36	39	20.58	20.57	20.56		
15	64QAM	75	0	20.54	20.56	20.56		
15	256QAM	1	0	18.63	18.65	18.61		
15	256QAM	1	37	18.61	18.58	18.53	19.7	5
15	256QAM	1	74	18.58	18.62	18.58		
15	256QAM	36	0	18.60	18.52	18.49		
15	256QAM	36	20	18.60	18.63	18.46	19.7	5
15	256QAM	36	39	18.53	18.53	18.57		
15	256QAM	75	0	18.61	18.64	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.56	23.66	23.63		
10	QPSK	1	25	23.46	23.55	23.56	24.7	0
10	QPSK	1	49	23.46	23.47	23.47		
10	QPSK	25	0	22.58	22.62	22.54		
10	QPSK	25	12	22.46	22.51	22.41	23.7	1
10	QPSK	25	25	22.56	22.39	22.47		
10	QPSK	50	0	22.52	22.67	22.55		
10	16QAM	1	0	22.55	22.67	22.76		
10	16QAM	1	25	22.61	22.74	22.74	23.7	1
10	16QAM	1	49	22.68	22.81	22.74		
10	16QAM	25	0	21.38	21.40	21.52		
10	16QAM	25	12	21.53	21.53	21.50	22.7	2
10	16QAM	25	25	21.47	21.50	21.48		
10	16QAM	50	0	21.43	21.48	21.47		
10	64QAM	1	0	21.49	21.64	21.59		
10	64QAM	1	25	21.56	21.58	21.65	22.7	2
10	64QAM	1	49	21.60	21.63	21.63		
10	64QAM	25	0	20.41	20.49	20.48		
10	64QAM	25	12	20.54	20.49	20.48	21.7	3
10	64QAM	25	25	20.48	20.46	20.51		
10	64QAM	50	0	20.51	20.51	20.43		
10	256QAM	1	0	18.57	18.57	18.55		
10	256QAM	1	25	18.47	18.43	18.38	19.7	5
10	256QAM	1	49	18.53	18.56	18.54		
10	256QAM	25	0	18.57	18.41	18.38		
10	256QAM	25	12	18.55	18.48	18.36	19.7	5
10	256QAM	25	25	18.45	18.40	18.45		
10	256QAM	50	0	18.47	18.56	18.34		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.58	23.69	23.53		
5	QPSK	1	12	23.51	23.54	23.54	24.7	0
5	QPSK	1	24	23.54	23.42	23.49		
5	QPSK	12	0	22.64	22.63	22.54		
5	QPSK	12	7	22.45	22.45	22.48	23.7	1
5	QPSK	12	13	22.45	22.43	22.38		
5	QPSK	25	0	22.56	22.60	22.47		
5	16QAM	1	0	22.59	22.67	22.66		
5	16QAM	1	12	22.69	22.75	22.71	23.7	1
5	16QAM	1	24	22.71	22.81	22.68		
5	16QAM	12	0	21.37	21.42	21.47		
5	16QAM	12	7	21.44	21.52	21.53	22.7	2
5	16QAM	12	13	21.47	21.51	21.45		
5	16QAM	25	0	21.44	21.55	21.47		
5	64QAM	1	0	21.42	21.61	21.69		
5	64QAM	1	12	21.58	21.70	21.70	22.7	2
5	64QAM	1	24	21.67	21.58	21.55		
5	64QAM	12	0	20.53	20.43	20.51		
5	64QAM	12	7	20.52	20.53	20.47	21.7	3
5	64QAM	12	13	20.52	20.46	20.48		
5	64QAM	25	0	20.41	20.45	20.51		
5	256QAM	1	0	18.53	18.64	18.60		
5	256QAM	1	12	18.51	18.56	18.42	19.7	5
5	256QAM	1	24	18.44	18.58	18.52		
5	256QAM	12	0	18.55	18.48	18.37		
5	256QAM	12	7	18.45	18.55	18.43	19.7	5
5	256QAM	12	13	18.48	18.42	18.48		
5	256QAM	25	0	18.60	18.51	18.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.52	23.61	23.64		
3	QPSK	1	8	23.50	23.45	23.57	24.7	0
3	QPSK	1	14	23.54	23.43	23.46		
3	QPSK	8	0	22.61	22.61	22.54		
3	QPSK	8	4	22.42	22.53	22.41	23.7	1
3	QPSK	8	7	22.43	22.46	22.48		
3	QPSK	15	0	22.57	22.66	22.55		
3	16QAM	1	0	22.52	22.65	22.65		
3	16QAM	1	8	22.67	22.76	22.72	23.7	1
3	16QAM	1	14	22.65	22.73	22.78		
3	16QAM	8	0	21.50	21.45	21.45		
3	16QAM	8	4	21.49	21.45	21.54	22.7	2
3	16QAM	8	7	21.45	21.44	21.42		
3	16QAM	15	0	21.51	21.46	21.46		
3	64QAM	1	0	21.45	21.54	21.61		
3	64QAM	1	8	21.58	21.54	21.54	22.7	2
3	64QAM	1	14	21.56	21.71	21.56		
3	64QAM	8	0	20.47	20.55	20.54		
3	64QAM	8	4	20.51	20.52	20.54	21.7	3
3	64QAM	8	7	20.54	20.52	20.42		
3	64QAM	15	0	20.42	20.50	20.55		
3	256QAM	1	0	18.59	18.53	18.57		
3	256QAM	1	8	18.53	18.45	18.48	19.7	5
3	256QAM	1	14	18.50	18.49	18.51		
3	256QAM	8	0	18.58	18.46	18.48		
3	256QAM	8	4	18.57	18.52	18.43	19.7	5
3	256QAM	8	7	18.42	18.40	18.56		
3	256QAM	15	0	18.55	18.53	18.45		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.73	23.52		
1.4	QPSK	1	3	23.54	23.46	23.54		
1.4	QPSK	1	5	23.46	23.53	23.43	24.7	0
1.4	QPSK	3	0	23.65	23.64	23.55		
1.4	QPSK	3	1	23.47	23.51	23.55		
1.4	QPSK	3	3	23.52	23.55	23.54		
1.4	QPSK	6	0	22.50	22.66	22.60	23.7	1
1.4	16QAM	1	0	22.54	22.44	22.47		
1.4	16QAM	1	3	22.55	22.48	22.38		
1.4	16QAM	1	5	22.51	22.63	22.55	23.7	1
1.4	16QAM	3	0	22.52	22.70	22.67		
1.4	16QAM	3	1	22.63	22.73	22.67		
1.4	16QAM	3	3	22.69	22.72	22.78		
1.4	16QAM	6	0	21.50	21.45	21.43	22.7	2
1.4	64QAM	1	0	21.55	21.44	21.47		
1.4	64QAM	1	3	21.52	21.39	21.42		
1.4	64QAM	1	5	21.49	21.46	21.42	22.7	2
1.4	64QAM	3	0	21.53	21.62	21.63		
1.4	64QAM	3	1	21.57	21.60	21.65		
1.4	64QAM	3	3	21.59	21.61	21.72		
1.4	64QAM	6	0	20.41	20.48	20.44	21.7	3
1.4	256QAM	1	0	18.61	18.58	18.48		
1.4	256QAM	1	3	18.57	18.47	18.43		
1.4	256QAM	1	5	18.55	18.57	18.47	19.7	5
1.4	256QAM	3	0	18.47	18.46	18.42		
1.4	256QAM	3	1	18.45	18.51	18.45		
1.4	256QAM	3	3	18.42	18.51	18.50		
1.4	256QAM	6	0	18.47	18.53	18.43	19.7	5

Band 26_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.63	23.69	23.65		
15	QPSK	1	37	23.62	23.60	23.60	25	0
15	QPSK	1	74	23.55	23.64	23.56		
15	QPSK	36	0	22.63	22.68	22.64		
15	QPSK	36	20	22.60	22.62	22.63	24	1
15	QPSK	36	39	22.61	22.61	22.60		
15	QPSK	75	0	22.62	22.65	22.62		
15	16QAM	1	0	23.00	22.66	22.58		
15	16QAM	1	37	23.00	22.77	23.11	24	1
15	16QAM	1	74	22.61	22.55	22.62		
15	16QAM	36	0	21.64	21.59	21.59		
15	16QAM	36	20	21.70	21.64	21.63	23	2
15	16QAM	36	39	21.62	21.57	21.59		
15	16QAM	75	0	21.62	21.64	21.67		
15	64QAM	1	0	21.84	21.55	22.00		
15	64QAM	1	37	21.65	21.73	21.92	23	2
15	64QAM	1	74	21.86	21.69	21.43		
15	64QAM	36	0	20.64	20.60	20.67		
15	64QAM	36	20	20.67	20.66	20.66	22	3
15	64QAM	36	39	20.60	20.59	20.59		
15	64QAM	75	0	20.61	20.62	20.64		
15	256QAM	1	0	18.63	18.65	18.61		
15	256QAM	1	37	18.54	18.51	18.49	20	5
15	256QAM	1	74	18.56	18.64	18.54		
15	256QAM	36	0	18.51	18.62	18.48		
15	256QAM	36	20	18.51	18.59	18.49	20	5
15	256QAM	36	39	18.60	18.55	18.56		
15	256QAM	75	0	18.59	18.62	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.62	23.58	23.52		
10	QPSK	1	25	23.47	23.48	23.51	25	0
10	QPSK	1	49	23.50	23.51	23.45		
10	QPSK	25	0	22.62	22.62	22.61		
10	QPSK	25	12	22.45	22.46	22.60	24	1
10	QPSK	25	25	22.52	22.54	22.52		
10	QPSK	50	0	22.51	22.64	22.54		
10	16QAM	1	0	22.59	22.59	22.56		
10	16QAM	1	25	22.98	22.71	22.99	24	1
10	16QAM	1	49	22.48	22.51	22.48		
10	16QAM	25	0	21.50	21.46	21.51		
10	16QAM	25	12	21.63	21.56	21.56	23	2
10	16QAM	25	25	21.53	21.53	21.58		
10	16QAM	50	0	21.57	21.57	21.61		
10	64QAM	1	0	21.83	21.40	21.92		
10	64QAM	1	25	21.62	21.59	21.78	23	2
10	64QAM	1	49	21.72	21.83	21.41		
10	64QAM	25	0	20.52	20.45	20.65		
10	64QAM	25	12	20.65	20.53	20.61	22	3
10	64QAM	25	25	20.48	20.57	20.52		
10	64QAM	50	0	20.50	20.49	20.57		
10	256QAM	1	0	18.49	18.62	18.46		
10	256QAM	1	25	18.52	18.37	18.39	20	5
10	256QAM	1	49	18.46	18.55	18.41		
10	256QAM	25	0	18.39	18.58	18.43		
10	256QAM	25	12	18.49	18.54	18.48	20	5
10	256QAM	25	25	18.46	18.48	18.42		
10	256QAM	50	0	18.46	18.55	18.44		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.49	23.58	23.59		
5	QPSK	1	12	23.58	23.54	23.57	25	0
5	QPSK	1	24	23.45	23.56	23.55		
5	QPSK	12	0	22.62	22.67	22.53		
5	QPSK	12	7	22.55	22.46	22.49	24	1
5	QPSK	12	13	22.57	22.60	22.50		
5	QPSK	25	0	22.60	22.54	22.54		
5	16QAM	1	0	22.99	22.57	22.47		
5	16QAM	1	12	22.94	22.64	23.06	24	1
5	16QAM	1	24	22.55	22.48	22.48		
5	16QAM	12	0	21.50	21.58	21.58		
5	16QAM	12	7	21.57	21.57	21.58	23	2
5	16QAM	12	13	21.57	21.54	21.47		
5	16QAM	25	0	21.56	21.59	21.55		
5	64QAM	1	0	21.72	21.47	21.86		
5	64QAM	1	12	21.60	21.66	21.84	23	2
5	64QAM	1	24	21.81	21.93	21.32		
5	64QAM	12	0	20.57	20.57	20.58		
5	64QAM	12	7	20.63	20.61	20.63	22	3
5	64QAM	12	13	20.48	20.46	20.44		
5	64QAM	25	0	20.53	20.50	20.57		
5	256QAM	1	0	18.48	18.62	18.49		
5	256QAM	1	12	18.40	18.48	18.37	20	5
5	256QAM	1	24	18.43	18.59	18.53		
5	256QAM	12	0	18.50	18.50	18.43		
5	256QAM	12	7	18.37	18.54	18.44	20	5
5	256QAM	12	13	18.55	18.49	18.50		
5	256QAM	25	0	18.52	18.60	18.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.59	23.65	23.62		
3	QPSK	1	8	23.52	23.57	23.59	25	0
3	QPSK	1	14	23.48	23.59	23.47		
3	QPSK	8	0	22.53	22.57	22.59		
3	QPSK	8	4	22.54	22.55	22.53	24	1
3	QPSK	8	7	22.49	22.59	22.49		
3	QPSK	15	0	22.56	22.59	22.49		
3	16QAM	1	0	22.93	22.61	22.52		
3	16QAM	1	8	22.89	22.63	23.09	24	1
3	16QAM	1	14	22.55	22.48	22.53		
3	16QAM	8	0	21.60	21.47	21.49		
3	16QAM	8	4	21.57	21.54	21.52	23	2
3	16QAM	8	7	21.57	21.43	21.51		
3	16QAM	15	0	21.56	21.60	21.62		
3	64QAM	1	0	21.79	21.51	21.87		
3	64QAM	1	8	21.89	21.64	21.81	23	2
3	64QAM	1	14	21.84	21.85	21.40		
3	64QAM	8	0	20.52	20.48	20.57		
3	64QAM	8	4	20.54	20.57	20.56	22	3
3	64QAM	8	7	20.53	20.52	20.52		
3	64QAM	15	0	20.60	20.61	20.59		
3	256QAM	1	0	18.62	18.64	18.46		
3	256QAM	1	8	18.43	18.47	18.41	20	5
3	256QAM	1	14	18.55	18.56	18.43		
3	256QAM	8	0	18.47	18.50	18.46		
3	256QAM	8	4	18.37	18.57	18.42	20	5
3	256QAM	8	7	18.45	18.50	18.55		
3	256QAM	15	0	18.50	18.49	18.45		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.58	23.63		
1.4	QPSK	1	3	23.53	23.52	23.49		
1.4	QPSK	1	5	23.47	23.49	23.55	25	0
1.4	QPSK	3	0	23.48	23.60	23.52		
1.4	QPSK	3	1	23.60	23.51	23.48		
1.4	QPSK	3	3	23.44	23.61	23.50		
1.4	QPSK	6	0	22.51	22.72	22.56	24	1
1.4	16QAM	1	0	22.47	22.51	22.60		
1.4	16QAM	1	3	22.55	22.51	22.47		
1.4	16QAM	1	5	22.51	22.62	22.59	24	1
1.4	16QAM	3	0	22.56	22.65	22.50		
1.4	16QAM	3	1	22.90	22.66	22.96		
1.4	16QAM	3	3	22.59	22.53	22.48		
1.4	16QAM	6	0	21.54	21.50	21.44	23	2
1.4	64QAM	1	0	21.55	21.55	21.59		
1.4	64QAM	1	3	21.51	21.47	21.45		
1.4	64QAM	1	5	21.48	21.58	21.53	23	2
1.4	64QAM	3	0	21.83	21.41	21.92		
1.4	64QAM	3	1	21.59	21.71	21.86		
1.4	64QAM	3	3	21.71	21.97	21.96		
1.4	64QAM	6	0	20.63	20.51	20.62	22	3
1.4	256QAM	1	0	18.53	18.51	18.59		
1.4	256QAM	1	3	18.39	18.50	18.35		
1.4	256QAM	1	5	18.49	18.58	18.48	20	5
1.4	256QAM	3	0	18.39	18.56	18.39		
1.4	256QAM	3	1	18.48	18.50	18.37		
1.4	256QAM	3	3	18.50	18.52	18.43		
1.4	256QAM	6	0	18.44	18.48	18.41	20	5

Band 66_Ant 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.47	20.48	20.45		
20	QPSK	1	49	20.32	20.44	20.31	21.2	0
20	QPSK	1	99	20.39	20.34	20.28		
20	QPSK	50	0	20.45	20.47	20.43		
20	QPSK	50	24	20.30	20.38	20.27	21.2	0
20	QPSK	50	50	20.37	20.30	20.38		
20	QPSK	100	0	20.43	20.45	20.41		
20	16QAM	1	0	20.31	20.42	20.39		
20	16QAM	1	49	20.35	20.32	20.34	21.2	0
20	16QAM	1	99

Band 66_Ant 31

BW [MHz]	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	20.95	20.97	20.93		
20	QPSK	1	49	20.83	20.78	20.86	21.9	0
20	QPSK	1	99	20.80	20.89	20.80		
20	QPSK	50	0	20.93	20.95	20.91		
20	QPSK	50	24	20.78	20.87	20.76	21.9	0
20	QPSK	50	50	20.88	20.83	20.89		
20	QPSK	100	0	20.91	20.93	20.90		
20	16QAM	1	0	20.81	20.80	20.76		
20	16QAM	1	49	20.90	20.82	20.86	21.9	0
20	16QAM	1	99	20.89	20.81	20.87		
20	16QAM	50	0	20.79	20.89	20.83		
20	16QAM	50	24	20.79	20.82	20.88	21.9	0
20	16QAM	50	50	20.80	20.81	20.77		
20	16QAM	100	0	20.80	20.88	20.79		
20	64QAM	1	0	20.76	20.82	20.87		
20	64QAM	1	49	20.84	20.85	20.82	21.9	0
20	64QAM	1	99	20.84	20.92	20.75		
20	64QAM	50	0	20.89	20.90	20.89		
20	64QAM	50	24	20.77	20.82	20.88	21.9	0
20	64QAM	50	50	20.87	20.86	20.85		
20	64QAM	100	0	20.78	20.89	20.88		
20	256QAM	1	0	18.81	18.83	18.80		
20	256QAM	1	49	18.74	18.82	18.74	19.9	2
20	256QAM	1	99	18.79	18.81	18.73		
20	256QAM	50	0	18.71	18.82	18.75		
20	256QAM	50	24	18.69	18.72	18.79	19.9	2
20	256QAM	50	50	18.78	18.69	18.73		
20	256QAM	100	0	18.76	18.72	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.84	20.80	20.82		
15	QPSK	1	37	20.80	20.90	20.89	21.9	0
15	QPSK	1	74	20.85	20.87	20.89		
15	QPSK	36	0	20.76	20.86	20.83		
15	QPSK	36	20	20.87	20.84	20.79	21.9	0
15	QPSK	36	39	20.77	20.80	20.75		
15	QPSK	75	0	20.87	20.82	20.87		
15	16QAM	1	0	20.84	20.86	20.80		
15	16QAM	1	37	20.90	20.89	20.85	21.9	0
15	16QAM	1	74	20.84	20.79	20.82		
15	16QAM	36	0	20.84	20.81	20.89		
15	16QAM	36	20	20.80	20.81	20.89	21.9	0
15	16QAM	36	39	20.88	20.92	20.76		
15	16QAM	75	0	20.87	20.90	20.80		
15	64QAM	1	0	20.82	20.78	20.78		
15	64QAM	1	37	20.85	20.86	20.86	21.9	0
15	64QAM	1	74	20.85	20.80	20.82		
15	64QAM	36	0	20.86	20.82	20.85		
15	64QAM	36	20	20.87	20.90	20.89	21.9	0
15	64QAM	36	39	20.84	20.82	20.75		
15	64QAM	75	0	20.77	20.89	20.81		
15	256QAM	1	0	18.73	18.76	18.70		
15	256QAM	1	37	18.70	18.80	18.72	19.9	2
15	256QAM	1	74	18.72	18.67	18.67		
15	256QAM	36	0	18.59	18.68	18.74		
15	256QAM	36	20	18.63	18.69	18.77	19.9	2
15	256QAM	36	39	18.75	18.61	18.64		
15	256QAM	75	0	18.61	18.57	18.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.88	20.80	20.87		
10	QPSK	1	25	20.84	20.84	20.84	21.9	0
10	QPSK	1	49	20.88	20.87	20.84		
10	QPSK	25	0	20.89	20.86	20.77		
10	QPSK	25	12	20.77	20.88	20.75	21.9	0
10	QPSK	25	25	20.79	20.92	20.81		
10	QPSK	50	0	20.85	20.80	20.87		
10	16QAM	1	0	20.90	20.87	20.88		
10	16QAM	1	25	20.82	20.90	20.80	21.9	0
10	16QAM	1	49	20.87	20.79	20.79		
10	16QAM	25	0	20.89	20.83	20.78		
10	16QAM	25	12	20.77	20.87	20.84	21.9	0
10	16QAM	25	25	20.81	20.84	20.88		
10	16QAM	50	0	20.79	20.86	20.77		
10	64QAM	1	0	20.79	20.88	20.80		
10	64QAM	1	25	20.89	20.86	20.76	21.9	0
10	64QAM	1	49	20.79	20.78	20.79		
10	64QAM	25	0	20.85	20.79	20.86		
10	64QAM	25	12	20.84	20.92	20.84	21.9	0
10	64QAM	25	25	20.76	20.88	20.88		
10	64QAM	50	0	20.90	20.91	20.83		
10	256QAM	1	0	18.75	18.70	18.72		
10	256QAM	1	25	18.71	18.68	18.64	19.9	2
10	256QAM	1	49	18.68	18.76	18.69		
10	256QAM	25	0	18.67	18.70	18.60		
10	256QAM	25	12	18.56	18.68	18.76	19.9	2
10	256QAM	25	25	18.77	18.57	18.61		
10	256QAM	50	0	18.66	18.71	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.86	20.78	20.75		
5	QPSK	1	12	20.88	20.89	20.83	21.9	0
5	QPSK	1	24	20.82	20.81	20.80		
5	QPSK	12	0	20.76	20.85	20.88		
5	QPSK	12	7	20.78	20.83	20.89	21.9	0
5	QPSK	12	13	20.84	20.87	20.79		
5	QPSK	25	0	20.82	20.84	20.81		
5	16QAM	1	0	20.82	20.80	20.80		
5	16QAM	1	12	20.77	20.84	20.87	21.9	0
5	16QAM	1	24	20.82	20.80	20.78		
5	16QAM	12	0	20.79	20.83	20.82		
5	16QAM	12	7	20.78	20.86	20.88	21.9	0
5	16QAM	12	13	20.81	20.92	20.87		
5	16QAM	25	0	20.85	20.87	20.75		
5	64QAM	1	0	20.90	20.80	20.81		
5	64QAM	1	12	20.89	20.84	20.88	21.9	0
5	64QAM	1	24	20.88	20.86	20.75		
5	64QAM	12	0	20.82	20.83	20.80		
5	64QAM	12	7	20.77	20.79	20.84	21.9	0
5	64QAM	12	13	20.83	20.79	20.79		
5	64QAM	25	0	20.88	20.78	20.87		
5	256QAM	1	0	18.70	18.77	18.72		
5	256QAM	1	12	18.60	18.67	18.68	19.9	2
5	256QAM	1	24	18.68	18.68	18.64		
5	256QAM	12	0	18.69	18.69	18.73		
5	256QAM	12	7	18.61	18.68	18.72	19.9	2
5	256QAM	12	13	18.65	18.55	18.58		
5	256QAM	25	0	18.64	18.67	18.68		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.80	20.90	20.84		
3	QPSK	1	8	20.76	20.87	20.83	21.9	0
3	QPSK	1	14	20.79	20.84	20.76		
3	QPSK	8	0	20.77	20.87	20.83		
3	QPSK	8	4	20.86	20.91	20.80	21.9	0
3	QPSK	8	7	20.86	20.90	20.82		
3	QPSK	15	0	20.76	20.84	20.83		
3	16QAM	1	0	20.85	20.88	20.75		
3	16QAM	1	8	20.84	20.88	20.85	21.9	0
3	16QAM	1	14	20.90	20.89	20.86		
3	16QAM	8	0	20.89	20.78	20.77		
3	16QAM	8	4	20.77	20.80	20.76	21.9	0
3	16QAM	8	7	20.85	20.78	20.89		
3	16QAM	15	0	20.85	20.88	20.85		
3	64QAM	1	0	20.86	20.90	20.82		
3	64QAM	1	8	20.83	20.92	20.88	21.9	0
3	64QAM	1	14	20.80	20.79	20.81		
3	64QAM	8	0	20.79	20.92	20.75		
3	64QAM	8	4	20.86	20.92	20.75	21.9	0
3	64QAM	8	7	20.85	20.84	20.86		
3	64QAM	15	0	20.85	20.78	20.81		
3	256QAM	1	0	18.74	18.79	18.73		
3	256QAM	1	8	18.66	18.66	18.73	19.9	2
3	256QAM	1	14	18.78	18.79	18.68		
3	256QAM	8	0	18.68	18.81	18.69		
3	256QAM	8	4	18.63	18.57	18.70	19.9	2
3	256QAM	8	7	18.72	18.66	18.60		
3	256QAM	15	0	18.74	18.61	18.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.89	20.83	20.78		
1.4	QPSK	1	3	20.88	20.85	20.89		
1.4	QPSK	1	5	20.83	20.81	20.87	21.9	0
1.4	QPSK	3	0	20.86	20.82	20.79		
1.4	QPSK	3	1	20.88	20.85	20.75		
1.4	QPSK	3	3	20.76	20.80	20.81		
1.4	QPSK	6	0	20.81	20.89	20.86	21.9	0
1.4	16QAM	1	0	20.86	20.88	20.76		
1.4	16QAM	1	3	20.87	20.79	20.86		
1.4	16QAM	1	5	20.84	20.88	20.88	21.9	0
1.4	16QAM	3	0	20.81	20.80	20.76		
1.4	16QAM	3	1	20.83	20.90	20.82		
1.4	16QAM	3	3	20.84	20.91	20.89		
1.4	16QAM	6	0	20.83	20.84	20.87	21.9	0
1.4	64QAM	1	0	20.87	20.89	20.77		
1.4	64QAM	1	3	20.83	20.87	20.75		
1.4	64QAM	1	5	20.78	20.80	20.88	21.9	0
1.4	64QAM	3	0	20.81	20.92	20.75		
1.4	64QAM	3	1	20.87	20.84	20.81		
1.4	64QAM	3	3	20.86	20.78	20.75		
1.4	64QAM	6	0	20.85	20.79	20.84	21.9	0
1.4	256QAM	1	0	18.78	18.72	18.77		
1.4	256QAM	1	3	18.63	18.72	18.64		
1.4	256QAM	1	5	18.75	18.71	18.70	19.9	2
1.4	256QAM	3	0	18.68	18.69	18.63		
1.4	256QAM	3	1	18.63	18.70	18.72		
1.4	256QAM	3	3	18.72	18.54	18.63		
1.4	256QAM	6	0	18.62	18.59	18.65	19.9	2

Band 66_Ant 11

BW [MHz]	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	20.30	20.31	20.28		
20	QPSK	1	49	20.16	20.20	20.16	21.4	0
20	QPSK	1	99	20.11	20.23	20.14		
20	QPSK	50	0	20.28	20.30	20.26		
20	QPSK	50	24	20.16	20.17	20.17	21.4	0
20	QPSK	50	50	20.21	20.21	20.23		
20	QPSK	100	0	20.26	20.28	20.25		
20	16QAM	1	0	20.11	20.19	20.13		
20	16QAM	1	49	20.12	20.14	20.23	21.4	0
20	16QAM	1	99	20.20	20.17	20.16		
20	16QAM	50	0	20.20	20.24	20.20		
20	16QAM	50	24	20.19	20.22	20.23	21.4	0
20	16QAM	50	50	20.22	20.23	20.12		
20	16QAM	100	0	20.25	20.23	20.20		
20	64QAM	1	0	20.23	20.23	20.20		
20	64QAM	1	49	20.20	20.13	20.16	21.4	0
20	64QAM	1	99	20.19	20.27	20.10		
20	64QAM	50	0	20.13	20.17	20.14		
20	64QAM	50	24	20.12	20.15	20.17	21.4	0
20	64QAM	50	50	20.23	20.17	20.24		
20	64QAM	100	0	20.17	20.27	20.23		
20	256QAM	1	0	18.80	18.81	18.78		
20	256QAM	1	49	18.73	18.70	18.75	19.9	1.5
20	256QAM	1	99	18.65	18.71	18.73		
20	256QAM	50	0	18.74	18.67	18.70		
20	256QAM	50	24	18.79	18.73	18.72	19.9	1.5
20	256QAM	50	50	18.72	18.70	18.72		
20	256QAM	100	0	18.68	18.70	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.19	20.17	20.24		
15	QPSK	1	37	20.14	20.15	20.21	21.4	0
15	QPSK	1	74	20.22	20.27	20.14		
15	QPSK	36	0	20.18	20.15	20.14		
15	QPSK	36	20	20.16	20.23	20.19	21.4	0
15	QPSK	36	39	20.13	20.18	20.22		
15	QPSK	75	0	20.15	20.14	20.20		
15	16QAM	1	0	20.12	20.14	20.20		
15	16QAM	1	37	20.13	20.18	20.12	21.4	0
15	16QAM	1	74	20.12	20.22	20.20		
15	16QAM	36	0	20.19	20.21	20.21		
15	16QAM	36	20	20.18	20.17	20.17	21.4	0
15	16QAM	36	39	20.23	20.15	20.17		
15	16QAM	75	0	20.17	20.26	20.15		
15	64QAM	1	0	20.22	20.15	20.17		
15	64QAM	1	37	20.11	20.14	20.21	21.4	0
15	64QAM	1	74	20.16	20.24	20.17		
15	64QAM	36	0	20.21	20.23	20.22		
15	64QAM	36	20	20.12	20.22	20.16	21.4	0
15	64QAM	36	39	20.12	20.15	20.20		
15	64QAM	75	0	20.17	20.13	20.16		
15	256QAM	1	0	18.76	18.67	18.70		
15	256QAM	1	37	18.68	18.67	18.71	19.9	1.5
15	256QAM	1	74	18.60	18.59	18.58		
15	256QAM	36	0	18.71	18.55	18.68		
15	256QAM	36	20	18.69	18.64	18.60	19.9	1.5
15	256QAM	36	39	18.58	18.57	18.59		
15	256QAM	75	0	18.54	18.58	18.74		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.19	20.25	20.13		
10	QPSK	1	25	20.20	20.24	20.13	21.4	0
10	QPSK	1	49	20.16	20.13	20.20		
10	QPSK	25	0	20.16	20.22	20.20		
10	QPSK	25	12	20.23	20.19	20.14	21.4	0
10	QPSK	25	25	20.24	20.14	20.11		
10	QPSK	50	0	20.12	20.17	20.13		
10	16QAM	1	0	20.11	20.14	20.21		
10	16QAM	1	25	20.24	20.26	20.11	21.4	0
10	16QAM	1	49	20.13	20.17	20.18		
10	16QAM	25	0	20.19	20.19	20.10		
10	16QAM	25	12	20.25	20.27	20.23	21.4	0
10	16QAM	25	25	20.15	20.13	20.21		
10	16QAM	50	0	20.19	20.20	20.15		
10	64QAM	1	0	20.21	20.27	20.14		
10	64QAM	1	25	20.20	20.17	20.15	21.4	0
10	64QAM	1	49	20.22	20.26	20.15		
10	64QAM	25	0	20.19	20.22	20.19		
10	64QAM	25	12	20.24	20.20	20.18	21.4	0
10	64QAM	25	25	20.21	20.22	20.11		
10	64QAM	50	0	20.21	20.16	20.20		
10	256QAM	1	0	18.69	18.68	18.75		
10	256QAM	1	25	18.65	18.64	18.72	19.9	1.5
10	256QAM	1	49	18.63	18.66	18.61		
10	256QAM	25	0	18.70	18.61	18.66		
10	256QAM	25	12	18.70	18.59	18.63	19.9	1.5
10	256QAM	25	25	18.64	18.56	18.66		
10	256QAM	50	0	18.56	18.55	18.62		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.16	20.23	20.24		
5	QPSK	1	12	20.12	20.22	20.23	21.4	0
5	QPSK	1	24	20.20	20.13	20.24		
5	QPSK	12	0	20.16	20.18	20.16		
5	QPSK	12	7	20.24	20.15	20.23	21.4	0
5	QPSK	12	13	20.17	20.17	20.17		
5	QPSK	25	0	20.20	20.22	20.12		
5	16QAM	1	0	20.17	20.13	20.24		
5	16QAM	1	12	20.17	20.15	20.17	21.4	0
5	16QAM	1	24	20.16	20.23	20.16		
5	16QAM	12	0	20.14	20.22	20.10		
5	16QAM	12	7	20.21	20.24	20.24	21.4	0
5	16QAM	12	13	20.17	20.20	20.13		
5	16QAM	25	0	20.16	20.25	20.20		
5	64QAM	1	0	20.19	20.17	20.23		
5	64QAM	1	12	20.15	20.17	20.20	21.4	0
5	64QAM	1	24	20.15	20.14	20.10		
5	64QAM	12	0	20.17	20.26	20.20		
5	64QAM	12	7	20.11	20.20	20.18	21.4	0
5	64QAM	12	13	20.17	20.26	20.21		
5	64QAM	25	0	20.21	20.23	20.12		
5	256QAM	1	0	18.66	18.73	18.63		
5	256QAM	1	12	18.72	18.57	18.66	19.9	1.5
5	256QAM	1	24	18.64	18.68	18.69		
5	256QAM	12	0	18.72	18.64	18.63		
5	256QAM	12	7	18.71	18.61	18.57	19.9	1.5
5	256QAM	12	13	18.66	18.65	18.58		
5	256QAM	25	0	18.57	18.58	18.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.22	20.25	20.16		
3	QPSK	1	8	20.24	20.19	20.23	21.4	0
3	QPSK	1	14	20.15	20.21	20.23		
3	QPSK	8	0	20.20	20.23	20.14		
3	QPSK	8	4	20.15	20.13	20.15	21.4	0
3	QPSK	8	7	20.20	20.18	20.19		
3	QPSK	15	0	20.11	20.20	20.18		
3	16QAM	1	0	20.18	20.20	20.16		
3	16QAM	1	8	20.22	20.19	20.12	21.4	0
3	16QAM	1	14	20.14	20.13	20.10		
3	16QAM	8	0	20.12	20.17	20.17		
3	16QAM	8	4	20.14	20.24	20.10	21.4	0
3	16QAM	8	7	20.13	20.26	20.11		
3	16QAM	15	0	20.19	20.26	20.15		
3	64QAM	1	0	20.16	20.19	20.24		
3	64QAM	1	8	20.24	20.23	20.15	21.4	0
3	64QAM	1	14	20.25	20.26	20.24		
3	64QAM	8	0	20.13	20.20	20.22		
3	64QAM	8	4	20.12	20.24	20.12	21.4	0
3	64QAM	8	7	20.12	20.21	20.24		
3	64QAM	15	0	20.13	20.15	20.13		
3	256QAM	1	0	18.69	18.80	18.64		
3	256QAM	1	8	18.71	18.59	18.60	19.9	1.5
3	256QAM	1	14	18.50	18.61	18.70		
3	256QAM	8	0	18.68	18.62	18.61		
3	256QAM	8	4	18.78	18.59	18.64	19.9	1.5
3	256QAM	8	7	18.59	18.68	18.63		
3	256QAM	15	0	18.53	18.55	18.71		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.11	20.21	20.21		
1.4	QPSK	1	3	20.13	20.18	20.20		
1.4	QPSK	1	5	20.16	20.19	20.21	21.4	0
1.4	QPSK	3	0	20.15	20.17	20.20		
1.4	QPSK	3	1	20.11	20.20	20.14		
1.4	QPSK	3	3	20.14	20.23	20.10		
1.4	QPSK	6	0	20.19	20.27	20.20	21.4	0
1.4	16QAM	1	0	20.25	20.25	20.13		
1.4	16QAM	1	3	20.12	20.22	20.24		
1.4	16QAM	1	5	20.25	20.20	20.20	21.4	0
1.4	16QAM	3	0	20.11	20.18	20.14		
1.4	16QAM	3	1	20.18	20.16	20.13		
1.4	16QAM	3	3	20.25	20.16	20.20		
1.4	16QAM	6	0	20.17	20.27	20.15	21.4	0
1.4	64QAM	1	0	20.17	20.23	20.13		
1.4	64QAM	1	3	20.25	20.17	20.19		
1.4	64QAM	1	5	20.20	20.20	20.16	21.4	0
1.4	64QAM	3	0	20.13	20.15	20.16		
1.4	64QAM	3	1	20.12	20.20	20.15		
1.4	64QAM	3	3	20.18	20.23	20.12		
1.4	64QAM	6	0	20.22	20.25	20.17	21.4	0
1.4	256QAM	1	0	18.71	18.71	18.63		
1.4	256QAM	1	3	18.58	18.55	18.70		
1.4	256QAM	1	5	18.50	18.56	18.65	19.9	1.5
1.4	256QAM	3	0	18.59	18.62	18.67		
1.4	256QAM	3	1	18.75	18.70	18.71		
1.4	256QAM	3	3	18.64	18.61	18.61		
1.4	256QAM	6	0	18.60	18.62	18.67	19.9	1.5

Band 38_Ant 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.65	18.67	18.63	19.7	0
20	QPSK	1	49	18.50	18.48	18.54		
20	QPSK	1	99	18.56	18.52	18.48		
20	QPSK	50	0	18.63	18.65	18.61		
20	QPSK	50	24	18.51	18.55	18.53		
20	QPSK	50	50	18.55	18.60	18.53		
20	QPSK	100	0	18.61	18.63	18.60		
20	16QAM	1	0	18.47	18.48	18.49		
20	16QAM	1	49	18.52	18.52	18.59	19.7	0
20	16QAM	1	99	18.56	18.54	18.53		
20	16QAM	50	0	18.52	18.58	18.58		
20	16QAM	50	24	18.55	18.50	18.48		
20	16QAM	50	50	18.46	18.58	18.54		
20	16QAM	100	0	18.51	18.50	18.57		
20	64QAM	1	0	18.49	18.53	18.59		
20	64QAM	1	49	18.49	18.62	18.47	19.7	0
20	64QAM	1	99	18.52	18.50	18.54		
20	64QAM	50	0	18.52	18.55	18.45		
20	64QAM	50	24	18.51	18.51	18.45	19.7	0
20	64QAM	50	50	18.48	18.49	18.58		
20	64QAM	100	0	18.60	18.62	18.48		
20	256QAM	1	0	18.36	18.38	18.35		
20	256QAM	1	49	18.21	18.36	18.25	19.7	0
20	256QAM	1	99	18.28	18.32	18.23		
20	256QAM	50	0	18.25	18.29	18.20		
20	256QAM	50	24	18.35	18.32	18.28	19.7	0
20	256QAM	50	50	18.28	18.25	18.31		
20	256QAM	100	0	18.21	18.33	18.29		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.50	18.54	18.53	19.7	0
15	QPSK	1	37	18.57	18.55	18.53		
15	QPSK	1	74	18.54	18.54	18.59		
15	QPSK	36	0	18.49	18.49	18.48		
15	QPSK	36	20	18.53	18.62	18.47	19.7	0
15	QPSK	36	39	18.53	18.53	18.53		
15	QPSK	75	0	18.55	18.59	18.46		
15	16QAM	1	0	18.56	18.62	18.45		
15	16QAM	1	37	18.57	18.52	18.45	19.7	0
15	16QAM	1	74	18.48	18.50	18.51		
15	16QAM	36	0	18.55	18.49	18.59		
15	16QAM	36	20	18.55	18.56	18.48	19.7	0
15	16QAM	36	39	18.56	18.62	18.55		
15	16QAM	75	0	18.57	18.57	18.52		
15	64QAM	1	0	18.56	18.52	18.52		
15	64QAM	1	37	18.52	18.61	18.52	19.7	0
15	64QAM	1	74	18.53	18.61	18.58		
15	64QAM	36	0	18.47	18.61	18.45		
15	64QAM	36	20	18.60	18.57	18.56	19.7	0
15	64QAM	36	39	18.51	18.57	18.47		
15	64QAM	75	0	18.60	18.49	18.52		
15	256QAM	1	0	18.25	18.32	18.27		
15	256QAM	1	37	18.15	18.30	18.24	19.7	0
15	256QAM	1	74	18.15	18.27	18.18		
15	256QAM	36	0	18.13	18.26	18.09		
15	256QAM	36	20	18.32	18.25	18.24	19.7	0
15	256QAM	36	39	18.20	18.23	18.27		
15	256QAM	75	0	18.16	18.30	18.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.59	18.59	18.51	19.7	0
10	QPSK	1	25	18.57	18.58	18.49		
10	QPSK	1	49	18.56	18.55	18.57		
10	QPSK	25	0	18.50	18.58	18.50		
10	QPSK	25	12	18.47	18.49	18.56		
10	QPSK	25	25	18.46	18.62	18.50		
10	QPSK	50	0	18.49	18.53	18.59		
10	16QAM	1	0	18.59	18.56	18.50		
10	16QAM	1	25	18.46	18.57	18.56	19.7	0
10	16QAM	1	49	18.54	18.48	18.56		
10	16QAM	25	0	18.54	18.54	18.50		
10	16QAM	25	12	18.56	18.54	18.49	19.7	0
10	16QAM	25	25	18.50	18.53	18.57		
10	16QAM	50	0	18.56	18.52	18.55		
10	64QAM	1	0	18.50	18.60	18.58		
10	64QAM	1	25	18.46	18.53	18.51	19.7	0
10	64QAM	1	49	18.53	18.51	18.45		
10	64QAM	25	0	18.56	18.48	18.57		
10	64QAM	25	12	18.53	18.55	18.56	19.7	0
10	64QAM	25	25	18.58	18.54	18.57		
10	64QAM	50	0	18.55	18.53	18.52		
10	256QAM	1	0	18.27	18.35	18.33		
10	256QAM	1	25	18.11	18.21	18.21	19.7	0
10	256QAM	1	49	18.18	18.21	18.28		
10	256QAM	25	0	18.12	18.25	18.18		
10	256QAM	25	12	18.25	18.17	18.23	19.7	0
10	256QAM	25	25	18.13	18.18	18.24		
10	256QAM	50	0	18.20	18.20	18.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.52	18.61	18.48	19.7	0
5	QPSK	1	12	18.47	18.52	18.48		
5	QPSK	1	24	18.48	18.50	18.55		
5	QPSK	12	0	18.54	18.60	18.56		
5	QPSK	12	7	18.46	18.59	18.51		
5	QPSK	12	13	18.59	18.54	18.51		
5	QPSK	25	0	18.52	18.61	18.47		
5	16QAM	1	0	18.54	18.56	18.59		
5	16QAM	1	12	18.51	18.53	18.58	19.7	0
5	16QAM	1	24	18.60	18.61	18.48		
5	16QAM	12	0	18.55	18.55	18.51		
5	16QAM	12	7	18.51	18.61	18.59	19.7	0
5	16QAM	12	13	18.48	18.60	18.56		
5	16QAM	25	0	18.47	18.58	18.55		
5	64QAM	1	0	18.56	18.62	18.49		
5	64QAM	1	12	18.51	18.49	18.55	19.7	0
5	64QAM	1	24	18.55	18.61	18.48		
5	64QAM	12	0	18.50	18.62	18.53		
5	64QAM	12	7	18.50	18.59	18.57	19.7	0
5	64QAM	12	13	18.56	18.62	18.51		
5	64QAM	25	0	18.57	18.59	18.45		
5	256QAM	1	0	18.22	18.35	18.33		
5	256QAM	1	12	18.08	18.27	18.22	19.7	0
5	256QAM	1	24	18.20	18.18	18.22		
5	256QAM	12	0	18.16	18.14	18.18		
5	256QAM	12	7	18.34	18.26	18.15	19.7	0
5	256QAM	12	13	18.15	18.17	18.22		
5	256QAM	25	0	18.14	18.29	18.25		

Band 38_Ant 31

BW [MHz]	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	22.31	22.36	22.24	23.5	0
20	QPSK	1	49	22.30	22.03	22.21		
20	QPSK	1	99	22.21	22.10	22.10		
20	QPSK	50	0	22.30	22.35	22.23		
20	QPSK	50	24	22.27	22.01	22.09		
20	QPSK	50	50	22.28	22.11	22.07		
20	QPSK	100	0	22.28	22.31	22.21		
20	16QAM	1	0	22.20	22.06	22.14		
20	16QAM	1	49	22.32	22.08	22.18	23.5	0
20	16QAM	1	99	22.26	22.06	22.17		
20	16QAM	50	0	21.24	20.97	21.06		
20	16QAM	50	24	21.28	21.11	21.17	22.5	1
20	16QAM	50	50	21.23	21.08	21.16		
20	16QAM	100	0	21.22	21.03	21.10		
20	64QAM	1	0	20.97	20.69	20.76		
20	64QAM	1	49	21.05	20.90	20.89	22.5	1
20	64QAM	1	99	20.99	20.76	20.85		
20	64QAM	50	0	20.18	20.00	20.06		
20	64QAM	50	24	20.26	20.04	20.17	21.5	2
20	64QAM	50	50	20.20	20.02	20.11		
20	64QAM	100	0	20.19	19.99	20.05		
20	256QAM	1	0	18.07	18.08	18.05		
20	256QAM	1	49	17.97	17.98	18.00	19.5	4
20	256QAM	1	99	17.98	18.01	18.03		
20	256QAM	50	0	18.04	18.06	18.02		
20	256QAM	50	24	17.98	18.06	17.93	19.5	4
20	256QAM	50	50	17.97	18.04	17.93		
20	256QAM	100	0	18.02	17.94	17.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.24	22.26	22.18	23.5	0
15	QPSK	1	37	22.24	21.89	22.07		
15	QPSK	1	74	22.11	21.95	22.05		
15	QPSK	36	0	22.23	22.23	22.11		
15	QPSK	36	20	22.19	21.90	21.95	23.5	0
15	QPSK	36	39	22.21	21.98	21.96		
15	QPSK	75	0	22.19	22.24	22.09		
15	16QAM	1	0	22.05	21.97	21.99		
15	16QAM	1	37	22.20	21.95	22.05	23.5	0
15	16QAM	1	74	22.13	22.00	22.11		
15	16QAM	36	0	21.15	20.89	20.93		
15	16QAM	36	20	21.20	20.96	21.02	22.5	1
15	16QAM	36	39	21.16	20.95	21.08		
15	16QAM	75	0	21.11	20.90	20.99		
15	64QAM	1	0	20.87	20.54	20.66		
15	64QAM	1	37	20.93	20.84	20.77	22.5	1
15	64QAM	1	74	20.85	20.61	20.73		
15	64QAM	36	0	20.03	19.95	19.99		
15	64QAM	36	20	20.11	19.92	20.02	21.5	2
15	64QAM	36	39	20.06	19.97	19.99		
15	64QAM	75	0	20.14	19.89	19.91		
15	256QAM	1	0	17.95	18.00	18.00		
15	256QAM	1	37	17.83	17.90	17.96	19.5	4
15	256QAM	1	74	17.85	17.95	17.92		
15	256QAM	36	0	17.99	18.01	17.94		
15	256QAM	36	20	17.98	17.96	17.89	19.5	4
15	256QAM	36	39	17.96	17.91	17.92		
15	256QAM	75	0	17.95	17.83	17.84		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.26	22.22	22.10	23.5	0
10	QPSK	1	25	22.22	21.95	22.07		
10	QPSK	1	49	22.07	22.01	22.00		
10	QPSK	25	0	22.22	22.21	22.09		
10	QPSK	25	12	22.13	21.89	21.94	23.5	0
10	QPSK	25	25	22.21	22.02	21.94		
10	QPSK	50	0	22.17	22.18	22.09		
10	16QAM	1	0	22.09	21.97	22.09		
10	16QAM	1	25	22.21	21.93	22.11	23.5	0
10	16QAM	1	49	22.16	21.91	22.03		
10	16QAM	25	0	21.17	20.82	20.92		
10	16QAM	25	12	21.21	20.96	21.07	22.5	1
10	16QAM	25	25	21.12	21.00	21.06		
10	16QAM	50	0	21.09	20.92	21.01		
10	64QAM	1	0	20.92	20.58	20.66		
10	64QAM	1	25	20.90	20.81	20.83	22.5	1
10	64QAM	1	49	20.84	20.62	20.75		
10	64QAM	25	0	20.13	19.90	19.97		
10	64QAM	25	12	20.21	19.98	20.08	21.5	2
10	64QAM	25	25	20.06	19.88	19.96		
10	64QAM	50	0	20.13	19.90	19.95		
10	256QAM	1	0	18.02	17.96	17.97		
10	256QAM	1	25	17.90	17.98	17.97	19.5	4
10	256QAM	1	49	17.83	17.96	17.98		
10	256QAM	25	0	17.91	18.05	18.01		
10	256QAM	25	12	17.91	17.97	17.89	19.5	4
10	256QAM	25	25	17.82	17.89	17.86		
10	256QAM	50	0	17.87	17.92	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.20	22.28	22.11	23.5	0
5	QPSK	1	12	22.19	21.90	22.06		
5	QPSK	1	24	22.12	22.01	22.01		
5	QPSK	12	0	22.18	22.20	22.13		
5	QPSK	12	7	22.12	21.88	22.03	23.5	0
5	QPSK	12	13	22.22	22.05	21.98		
5	QPSK	25	0	22.23	22.19	22.08		
5	16QAM	1	0	22.05	21.93	22.05		
5	16QAM	1	12	22.20	21.94	22.06	23.5	0
5	16QAM	1	24	22.15	21.99	22.08		
5	16QAM	12	0	21.12	20.87	20.95		
5	16QAM	12	7	21.16	20.96	21.04	22.5	1
5	16QAM	12	13	21.12	20.98	21.11		
5	16QAM	25	0	21.11	20.96	21.02		
5	64QAM	1	0	20.92	20.60	20.71		
5	64QAM	1	12	20.98	20.79	20.78	22.5	1
5	64QAM	1	24	20.85	20.63	20.72		
5	64QAM	12	0	20.12	19.95	20.01		
5	64QAM	12	7	20.17	19.96	20.10	21.5	2
5	64QAM	12	13	20.05	19.94	20.01		
5	64QAM	25	0	20.09	19.84	19.91		
5	256QAM	1	0	17.96	17.95	17.94		
5	256QAM	1	12	17.92	17.85	17.85	19.5	4
5	256QAM	1	24	17.96	17.98	18.01		
5	256QAM	12	0	17.98	17.92	17.90		
5	256QAM	12	7	17.96	17.96	17.93		
5	256QAM	12	13	17.94	17.92	17.87	19.5	4
5	256QAM	25	0	17.91	17.90	17.95		

Band 38_Ant 11

BW [MHz]	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	19.35	19.37	19.33		
20	QPSK	1	49	19.19	19.24	19.24	20.5	0
20	QPSK	1	99	19.18	19.24	19.17		
20	QPSK	50	0	19.33	19.35	19.31		
20	QPSK	50	24	19.21	19.24	19.29		
20	QPSK	50	50	19.16	19.23	19.28		
20	QPSK	100	0	19.31	19.33	19.30		
20	16QAM	1	0	19.30	19.28	19.20		
20	16QAM	1	49	19.28	19.18	19.17	20.5	0
20	16QAM	1	99	19.22	19.31	19.17		
20	16QAM	50	0	19.25	19.32	19.27		
20	16QAM	50	24	19.30	19.20	19.22	20.5	0
20	16QAM	50	50	19.22	19.24	19.17		
20	16QAM	100	0	19.26	19.32	19.29		
20	64QAM	1	0	19.28	19.26	19.29		
20	64QAM	1	49	19.24	19.30	19.27	20.5	0
20	64QAM	1	99	19.17	19.22	19.19		
20	64QAM	50	0	19.29	19.24	19.17		
20	64QAM	50	24	19.25	19.23	19.19	20.5	0
20	64QAM	50	50	19.21	19.29	19.20		
20	64QAM	100	0	19.23	19.30	19.23		
20	256QAM	1	0	18.08	18.10	18.06		
20	256QAM	1	49	18.06	18.02	18.01	19.5	1
20	256QAM	1	99	17.98	17.95	18.00		
20	256QAM	50	0	17.98	18.08	17.98		
20	256QAM	50	24	18.01	18.01	17.97	19.5	1
20	256QAM	50	50	17.94	18.00	18.05		
20	256QAM	100	0	17.97	18.06	18.00		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.17	19.22	19.18	20.5	0
15	QPSK	1	37	19.25	19.27	19.28		
15	QPSK	1	74	19.20	19.26	19.26		
15	QPSK	36	0	19.24	19.21	19.18		
15	QPSK	36	20	19.21	19.19	19.18	20.5	0
15	QPSK	36	39	19.19	19.25	19.17		
15	QPSK	75	0	19.24	19.25	19.15		
15	16QAM	1	0	19.18	19.30	19.24		
15	16QAM	1	37	19.16	19.22	19.29	20.5	0
15	16QAM	1	74	19.26	19.18	19.23		
15	16QAM	36	0	19.28	19.24	19.24		
15	16QAM	36	20	19.27	19.32	19.29	20.5	0
15	16QAM	36	39	19.16	19.27	19.17		
15	16QAM	75	0	19.25	19.32	19.22		
15	64QAM	1	0	19.18	19.27	19.26		
15	64QAM	1	37	19.25	19.21	19.18	20.5	0
15	64QAM	1	74	19.21	19.27	19.22		
15	64QAM	36	0	19.20	19.32	19.27		
15	64QAM	36	20	19.25	19.20	19.19	20.5	0
15	64QAM	36	39	19.26	19.30	19.20		
15	64QAM	75	0	19.24	19.27	19.27		
15	256QAM	1	0	18.04	18.08	17.91		
15	256QAM	1	37	17.96	17.87	18.00	19.5	1
15	256QAM	1	74	17.94	17.91	17.92		
15	256QAM	36	0	17.85	18.07	17.83		
15	256QAM	36	20	17.90	17.87	17.82	19.5	1
15	256QAM	36	39	17.89	17.95	17.95		
15	256QAM	75	0	17.85	18.04	17.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.28	19.29	19.18	20.5	0
10	QPSK	1	25	19.24	19.22	19.27		
10	QPSK	1	49	19.25	19.20	19.20		
10	QPSK	25	0	19.30	19.22	19.15		
10	QPSK	25	12	19.22	19.28	19.20	20.5	0
10	QPSK	25	25	19.29	19.31	19.25		
10	QPSK	50	0	19.16	19.27	19.16		
10	16QAM	1	0	19.22	19.23	19.18		
10	16QAM	1	25	19.22	19.24	19.27	20.5	0
10	16QAM	1	49	19.22	19.22	19.15		
10	16QAM	25	0	19.28	19.22	19.27		
10	16QAM	25	12	19.23	19.22	19.23	20.5	0
10	16QAM	25	25	19.19	19.28	19.22		
10	16QAM	50	0	19.21	19.23	19.29		
10	64QAM	1	0	19.27	19.26	19.19		
10	64QAM	1	25	19.23	19.30	19.29	20.5	0
10	64QAM	1	49	19.17	19.21	19.20		
10	64QAM	25	0	19.23	19.28	19.15		
10	64QAM	25	12	19.21	19.24	19.17	20.5	0
10	64QAM	25	25	19.19	19.30	19.23		
10	64QAM	50	0	19.23	19.28	19.20		
10	256QAM	1	0	18.01	18.02	17.92		
10	256QAM	1	25	18.00	17.91	17.98	19.5	1
10	256QAM	1	49	17.96	17.91	17.91		
10	256QAM	25	0	17.89	18.05	17.92		
10	256QAM	25	12	17.90	17.94	17.96	19.5	1
10	256QAM	25	25	17.83	17.87	17.95		
10	256QAM	50	0	17.88	18.01	17.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.16	19.20	19.22	20.5	0
5	QPSK	1	12	19.18	19.30	19.27		
5	QPSK	1	24	19.24	19.27	19.26		
5	QPSK	12	0	19.18	19.28	19.17		
5	QPSK	12	7	19.26	19.22	19.25		
5	QPSK	12	13	19.29	19.27	19.17		
5	QPSK	25	0	19.21	19.25	19.19		
5	16QAM	1	0	19.22	19.18	19.20		
5	16QAM	1	12	19.18	19.20	19.16	20.5	0
5	16QAM	1	24	19.29	19.21	19.26		
5	16QAM	12	0	19.19	19.27	19.20		
5	16QAM	12	7	19.18	19.20	19.16	20.5	0
5	16QAM	12	13	19.22	19.26	19.25		
5	16QAM	25	0	19.29	19.28	19.25		
5	64QAM	1	0	19.23	19.22	19.23		
5	64QAM	1	12	19.28	19.18	19.23	20.5	0
5	64QAM	1	24	19.24	19.25	19.24		
5	64QAM	12	0	19.21	19.26	19.25		
5	64QAM	12	7	19.28	19.21	19.17	20.5	0
5	64QAM	12	13	19.27	19.18	19.21		
5	64QAM	25	0	19.29	19.29	19.17		
5	256QAM	1	0	18.04	18.02	17.93		
5	256QAM	1	12	17.96	17.89	17.97	19.5	1
5	256QAM	1	24	17.92	17.92	17.91		
5	256QAM	12	0	17.84	17.98	17.87		
5	256QAM	12	7	17.99	17.97	17.87	19.5	1
5	256QAM	12	13	17.81	17.88	17.90		
5	256QAM	25	0	17.88	18.05	17.85		

Band 41_Ant 13

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	18.78	19.06	19.05	18.93	18.99		
20	QPSK	1	49	18.69	19.02	18.86	18.78	18.85	20	0
20	QPSK	1	99	18.69	18.98	18.96	18.89	18.93		
20	QPSK	50	0	18.76	19.05	19.03	18.91	18.97		
20	QPSK	50	24	18.61	18.91	18.95	18.82	18.94	20	0
20	QPSK	50	50	18.70	18.90	18.88	18.85	18.86		
20	QPSK	100	0	18.73	19.03	19.01	18.90	18.95		
20	16QAM	1	0	18.67	18.96	18.88	18.79	18.90		
20	16QAM	1	49	18.68	18.99	18.92	18.80	18.87	20	0
20	16QAM	1	99	18.64	18.95	19.00	18.76	18.92		
20	16QAM	50	0	18.70	18.95	18.94	18.80	18.92		
20	16QAM	50	24	18.66	18.93	18.91	18.84	18.94	20	0
20	16QAM	50	50	18.65	18.93	18.89	18.84	18.93		
20	16QAM	100	0	18.69	19.01	18.99	18.80	18.92		
20	64QAM	1	0	18.62	19.01	18.94	18.88	18.80		
20	64QAM	1	49	18.70	18.89	18.93	18.88	18.94	20	0
20	64QAM	1	99	18.61	18.91	18.99	18.84	18.88		
20	64QAM	50	0	18.67	18.96	18.92	18.77	18.83		
20	64QAM	50	24	18.64	18.92	18.92	18.78	18.93	20	0
20	64QAM	50	50	18.58	18.93	18.93	18.87	18.86		
20	64QAM	100	0	18.66	18.97	18.88	18.78	18.93		
20	256QAM	1	0	18.69	18.94	18.91	18.78	18.81		
20	256QAM	1	49	18.70	18.98	18.93	18.79	18.84	20	0
20	256QAM	1	99	18.63	18.89	18.90	18.83	18.93		
20	256QAM	50	0	18.59	18.99	18.93	18.78	18.84		
20	256QAM	50	24	18.72	19.01	18.95	18.89	18.80	20	0
20	256QAM	50	50	18.64	18.98	18.87	18.88	18.81		
20	256QAM	100	0	18.70	18.96	18.98	18.87	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	18.58	18.96	18.92	18.88	18.92		
15	QPSK	1	37	18.64	19.01	18.90	18.87	18.93	20	0
15	QPSK	1	74	18.64	19.02	18.95	18.76	18.94		
15	QPSK	36	0	18.60	18.90	18.90	18.80	18.92		
15	QPSK	36	20	18.70	18.96	18.89	18.84	18.81	20	0
15	QPSK	36	39	18.62	18.94	18.95	18.88	18.94		
15	QPSK	75	0	18.72	18.97	18.89	18.77	18.81		
15	16QAM	1	0	18.70	18.93	18.99	18.78	18.80		
15	16QAM	1	37	18.59	18.99	18.92	18.86	18.80	20	0
15	16QAM	1	74	18.66	19.01	18.87	18.80	18.82		
15	16QAM	36	0	18.67	18.89	19.00	18.78	18.80		
15	16QAM	36	20	18.69	19.02	18.88	18.89	18.92	20	0
15	16QAM	36	39	18.60	19.00	18.95	18.89	18.80		
15	16QAM	75	0	18.63	18.88	18.87	18.78	18.88		
15	64QAM	1	0	18.71	18.92	18.87	18.85	18.85		
15	64QAM	1	37	18.63	19.02	18.95	18.80	18.81	20	0
15	64QAM	1	74	18.67	19.00	19.00	18.85	18.86		
15	64QAM	36	0	18.71	18.97	18.90	18.82	18.80		
15	64QAM	36	20	18.68	18.99	18.97	18.75	18.82	20	0
15	64QAM	36	39	18.64	18.95	18.97	18.86	18.84		
15	64QAM	75	0	18.58	19.02	18.86	18.78	18.89		
15	256QAM	1	0	18.71	18.91	18.94	18.89	18.86		
15	256QAM	1	37	18.68	19.00	18.91	18.83	18.81	20	0
15	256QAM	1	74	18.72	19.02	18.91	18.81	18.89		
15	256QAM	36	0	18.70	18.88	18.94	18.87	18.80		
15	256QAM	36	20	18.64	18.88	18.91	18.84	18.86	20	0
15	256QAM	36	39	18.72	18.98	18.94	18.84	18.80		
15	256QAM	75	0	18.65	18.93	18.91	18.87	18.94		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.58	18.98	18.88	18.88	18.91		
10	QPSK	1	25	18.71	19.01	19.00	18.81	18.92	20	0
10	QPSK	1	49	18.60	18.95	18.94	18.78	18.93		
10	QPSK	25	0	18.60	18.88	18.96	18.84	18.90		
10	QPSK	25	12	18.64	19.00	18.96	18.76	18.82	20	0
10	QPSK	25	25	18.62	19.01	18.89	18.80	18.90		
10	QPSK	50	0	18.72	18.96	18.99	18.79	18.84		
10	16QAM	1	0	18.68	19.01	18.96	18.75	18.93		
10	16QAM	1	25	18.64	18.96	18.92	18.75	18.82	20	0
10	16QAM	1	49	18.63	18.89	18.90	18.86	18.88		
10	16QAM	25	0	18.67	18.99	18.98	18.83	18.80		
10	16QAM	25	12	18.59	18.96	18.92	18.89	18.94	20	0
10	16QAM	25	25	18.72	18.95	18.95	18.77	18.84		
10	16QAM	50	0	18.72	18.88	18.93	18.86	18.87		
10	64QAM	1	0	18.70	18.91	18.93	18.76	18.90		
10	64QAM	1	25	18.59	18.94	18.89	18.88	18.93	20	0
10	64QAM	1	49	18.65	18.96	18.93	18.81	18.81		
10	64QAM	25	0	18.59	19.01	19.00	18.78	18.88		
10	64QAM	25	12	18.70	18.92	18.95	18.77	18.94	20	0
10	64QAM	25	25	18.68	18.99	18.88	18.84	18.80		
10	64QAM	50	0	18.70	18.96	18.90	18.81	18.82		
10	256QAM	1	0	18.67	19.01	18.91	18.89	18.94		
10	256QAM	1	25	18.65	18.91	18.96	18.78	18.83	20	0
10	256QAM	1	49	18.62	18.99	18.95	18.78	18.94		
10	256QAM	25	0	18.59	18.97	18.91	18.87	18.87		
10	256QAM	25	12	18.59	18.97	18.86	18.83	18.87	20	0
10	256QAM	25	25	18.68	18.92	18.89	18.79	18.86		
10	256QAM	50	0	18.62	18.96	18.92	18.79	18.85		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.72	18.93	18.94	18.89	18.82		
5	QPSK	1	12	18.66	18.91	18.95	18.82	18.83	20	0
5	QPSK	1	24	18.62	18.97	18.86	18.88	18.86		
5	QPSK	12	0	18.68	18.98	18.90	18.85	18.84		
5	QPSK	12	7	18.68	19.02	18.90	18.79	18.93	20	0
5	QPSK	12	13	18.61	18.91	18.96	18.81	18.82		
5	QPSK	25	0	18.60	18.95	18.99	18.79	18.81		
5	16QAM	1	0	18.61	19.00	18.96	18.86	18.82		
5	16QAM	1	12	18.65	19.00	18.89	18.86	18.80	20	0
5	16QAM	1	24	18.62	18.95	18.92	18.80	18.91		
5	16QAM	12	0	18.70	18.90	18.92	18.87	18.93		
5	16QAM	12	7	18.68	18.92	18.98	18.89	18.86	20	0
5	16QAM	12	13	18.59	18.88	18.96	18.82	18.87		
5	16QAM	25	0	18.71	19.00	18.89	18.80	18.87		
5	64QAM	1	0	18.61	18.98	18.98	18.83	18.93		
5	64QAM	1	12	18.64	19.02	18.93	18.84	18.83	20	0
5	64QAM	1	24	18.62	18.98	18.90	18.84	18.94		
5	64QAM	12	0	18.69	18.93	18.92	18.80	18.84		
5	64QAM	12	7	18.65	18.92	19.00	18.88	18.81	20	0
5	64QAM	12	13	18.62	18.96	18.89	18.87	18.84		
5	64QAM	25	0	18.72	19.01	18.97	18.76	18.94		
5	256QAM	1	0	18.71	18.96	18.94	18.75	18.88		
5	256QAM	1	12	18.68	18.89	18.90	18.80	18.83	20	0
5	256QAM	1	24	18.67	18.95	18.98	18.77	18.85		
5	256QAM	12	0	18.71	18.89	18.86	18.88	18.90		
5	256QAM	12	7	18.72	18.90	18.90	18.75	18.87	20	0
5	256QAM	12	13	18.61	19.02	18.93	18.83	18.90		
5	256QAM	25	0	18.70	18.90	18.92	18.77	18.88		

Band 41_Ant 31

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	22.67	22.45	22.48	22.62		
20	QPSK	1	49	22.40	22.59	22.39	22.44	22.52	23.5	0
20	QPSK	1	99	22.43	22.53	22.31	22.31	22.55		
20	QPSK	50	0	22.51	22.65	22.43	22.46	22.60		
20	QPSK	50	24	22.35	22.56	22.33	22.34	22.55	23.5	0
20	QPSK	50	50	22.48	22.56	22.38	22.41	22.56		
20	QPSK	100	0	22.50	22.63	22.41	22.45	22.58		
20	16QAM	1	0	22.46	22.51	22.29	22.39	22.56		
20	16QAM	1	49	22.39	22.53	22.37	22.43	22.57	23.5	0
20	16QAM	1	99	22.39	22.57	22.40	22.38	22.49		
20	16QAM	50	0	21.84	21.99	21.64	21.79	21.89		
20	16QAM	50	24	21.86	21.97	21.73	21.82	21.88	23	0.5
20	16QAM	50	50	21.85	21.96	21.78	21.88	21.79		
20	16QAM	100	0	21.84	21.94	21.72	21.86	21.76		
20	64QAM	1	0	21.52	21.56	21.31	21.47	21.46		
20	64QAM	1	49	21.66	21.73	21.42	21.65	21.71	23	0.5
20	64QAM	1	99	21.60	21.68	21.52	21.55	21.46		
20	64QAM	50	0	20.79	20.93	20.62	20.78	20.81		
20	64QAM	50	24	20.79	20.94	20.66	20.80	20.78	22	1.5
20	64QAM	50	50	20.85	20.96	20.68	20.82	20.74		
20	64QAM	100	0	20.84	20.93	20.71	20.82	20.75		
20	256QAM	1	0	18.90	19.06	18.81	18.90	18.95		
20	256QAM	1	49	18.80	19.02	18.72	18.76	18.81	20	3.5
20	256QAM	1	99	18.77	18.93	18.80	18.88	18.88		
20	256QAM	50	0	18.81	19.03	18.70	18.79	18.90		
20	256QAM	50	24	18.88	19.01	18.69	18.89	18.93	20	3.5
20	256QAM	50	50	18.80	19.05	18.76	18.84	18.86		
20	256QAM	100	0	18.83	18.92	18.72	18.77	18.84		
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	22.42	22.54	22.35	22.37	22.45		
15	QPSK	1	37	22.43	22.51	22.33	22.32	22.56	23.5	0
15	QPSK	1	74	22.35	22.51	22.28	22.37	22.50		
15	QPSK	36	0	22.48	22.52	22.32	22.30	22.57		
15	QPSK	36	20	22.38	22.56	22.36	22.40	22.57	23.5	0
15	QPSK	36	39	22.49	22.56	22.40	22.41	22.55		
15	QPSK	75	0	22.45	22.49	22.28	22.39	22.43		
15	16QAM	1	0	22.36	22.52	22.26	22.41	22.46		
15	16QAM	1	37	22.46	22.57	22.39	22.36	22.51	23.5	0
15	16QAM	1	74	22.38	22.52	22.40	22.36	22.49		
15	16QAM	36	0	21.82	21.84	21.57	21.69	21.82		
15	16QAM	36	20	21.78	21.95	21.64	21.69	21.87	23	0.5
15	16QAM	36	39	21.73	21.93	21.69	21.74	21.67		
15	16QAM	75	0	21.83	21.91	21.63	21.78	21.64		
15	64QAM	1	0	21.46	21.49	21.30	21.37	21.36		
15	64QAM	1	37	21.59	21.60	21.33	21.63	21.56	23	0.5
15	64QAM	1	74	21.53	21.66	21.44	21.52	21.45		
15	64QAM	36	0	20.67	20.86	20.59	20.77	20.68		
15	64QAM	36	20	20.71	20.80	20.64	20.70	20.75	22	1.5
15	64QAM	36	39	20.80	20.82	20.53	20.81	20.67		
15	64QAM	75	0	20.78	20.88	20.64	20.74	20.70		
15	256QAM	1	0	18.75	19.02	18.72	18.75	18.80		
15	256QAM	1	37	18.79	19.01	18.60	18.64	18.77	20	3.5
15	256QAM	1	74	18.72	18.90	18.74	18.80	18.76		
15	256QAM	36	0	18.72	18.90	18.65	18.64	18.85		
15	256QAM	36	20	18.75	18.92	18.61	18.83	18.91	20	3.5
15	256QAM	36	39	18.66	18.96	18.73	18.81	18.84		
15	256QAM	75	0	18.72	18.89	18.59	18.69	18.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.46	22.57	22.39	22.40	22.55		
10	QPSK	1	25	22.47	22.51	22.35	22.38	22.49	23.5	0
10	QPSK	1	49	22.45	22.56	22.33	22.33	22.46		
10	QPSK	25	0	22.39	22.56	22.37	22.40	22.46		
10	QPSK	25	12	22.48	22.58	22.32	22.42	22.54	23.5	0
10	QPSK	25	25	22.37	22.52	22.33	22.37	22.45		
10	QPSK	50	0	22.42	22.48	22.30	22.33	22.49		
10	16QAM	1	0	22.43	22.55	22.40	22.37	22.53		
10	16QAM	1	25	22.49	22.50	22.36	22.40	22.51	23.5	0
10	16QAM	1	49	22.40	22.52	22.27	22.43	22.52		
10	16QAM	25	0	21.81	21.89	21.63	21.70	21.78		
10	16QAM	25	12	21.72	21.96	21.71	21.76	21.84	23	0.5
10	16QAM	25	25	21.78	21.90	21.72	21.83	21.73		
10	16QAM	50	0	21.70	21.88	21.59	21.79	21.74		
10	64QAM	1	0	21.39	21.51	21.22	21.45	21.40		
10	64QAM	1	25	21.65	21.69	21.39	21.59	21.68	23	0.5
10	64QAM	1	49	21.45	21.65	21.45	21.52	21.34		
10	64QAM	25	0	20.77	20.91	20.58	20.77	20.68		
10	64QAM	25	12	20.70	20.79	20.64	20.69	20.71	22	1.5
10	64QAM	25	25	20.81	20.87	20.56	20.81	20.73		
10	64QAM	50	0	20.81	20.80	20.57	20.71	20.64		
10	256QAM	1	0	18.77	18.98	18.77	18.83	18.82		
10	256QAM	1	25	18.69	18.93	18.67	18.73	18.79	20	3.5
10	256QAM	1	49	18.69	18.83	18.73	18.83	18.73		
10	256QAM	25	0	18.71	18.90	18.59	18.74	18.88		
10	256QAM	25	12	18.77	18.91	18.67	18.74	18.79	20	3.5
10	256QAM	25	25	18.76	18.96	18.69	18.80	18.73		
10	256QAM	50	0	18.70	18.88	18.66	18.65	18.71		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.46	22.59	22.26	22.34	22.46		
5	QPSK	1	12	22.49	22.54	22.40	22.32	22.45	23.5	0
5	QPSK	1	24	22.44	22.62	22.32	22.39	22.43		
5	QPSK	12	0	22.35	22.58	22.37	22.37	22.50		
5	QPSK	12	7	22.47	22.51	22.29	22.43	22.55	23.5	0
5	QPSK	12	13	22.45	22.53	22.32	22.39	22.52		
5	QPSK	25	0	22.35	22.56	22.31	22.42	22.49		
5	16QAM	1	0	22.41	22.55	22.27	22.42	22.47		
5	16QAM	1	12	22.48	22.54	22.33	22.34	22.43	23.5	0
5	16QAM	1	24	22.35	22.57	22.39	22.38	22.52		
5	16QAM	12	0	21.78	21.92	21.60	21.66	21.76		
5	16QAM	12	7	21.74	21.85	21.61	21.67	21.73	23	0.5
5	16QAM	12	13	21.74	21.88	21.67	21.79	21.70		
5	16QAM	25	0	21.79	21.88	21.69	21.71	21.63		
5	64QAM	1	0	21.37	21.44	21.24	21.43	21.31		
5	64QAM	1	12	21.54	21.71	21.39	21.60	21.62	23	0.5
5	64QAM	1	24	21.56	21.64	21.37	21.40	21.33		
5	64QAM	12	0	20.74	20.80	20.57	20.76	20.70		
5	64QAM	12	7	20.75	20.82	20.58	20.75	20.65	22	1.5
5	64QAM	12	13	20.79	20.85	20.61	20.75	20.69		
5	64QAM	25	0	20.83	20.91	20.69	20.80	20.69		
5	256QAM	1	0	18.76	18.96	18.71	18.78	18.88		
5	256QAM	1	12	18.71	18.98	18.68	18.68	18.78	20	3.5
5	256QAM	1	24	18.76	18.88	18.66	18.77	18.75		
5	256QAM	12	0	18.67	18.98	18.64	18.77	18.77		
5	256QAM	12	7	18.86	18.92	18.67	18.84	18.78	20	3.5
5	256QAM	12	13	18.75	18.93	18.62	18.73	18.80		
5	256QAM	25	0	18.76	18.77	18.61	18.65	18.83		

Band 41_Ant 11

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	19.90	20.12	19.81	19.67	19.82		
20	QPSK	1	49	19.83	20.03	19.47	19.56	19.68	21	0
20	QPSK	1	99	19.77	19.93	19.54	19.60	19.70		
20	QPSK	50	0	19.86	20.10	19.80	19.65	19.80		
20	QPSK	50	24	19.79	20.01	19.47	19.50	19.69	21	0
20	QPSK	50	50	19.73	19.95	19.43	19.61	19.66		
20	QPSK	100	0	19.87	20.08	19.58	19.63	19.78		
20	16QAM	1	0	19.85	19.98	19.55	19.50	19.64		
20	16QAM	1	49	19.72	19.94	19.49	19.50	19.76	21	0
20	16QAM	1	99	19.78	19.93	19.52	19.61	19.72		
20	16QAM	50	0	19.73	20.00	19.43	19.54	19.64		
20	16QAM	50	24	19.74	19.94	19.45	19.56	19.68	21	0
20	16QAM	50	50	19.76	19.94	19.51	19.53	19.68		
20	16QAM	100	0	19.85	19.96	19.56	19.59	19.75		
20	64QAM	1	0	19.75	19.98	19.53	19.54	19.70		
20	64QAM	1	49	19.75	20.02	19.49	19.61	19.76	21	0
20	64QAM	1	99	19.85	19.97	19.54	19.53	19.66		
20	64QAM	50	0	19.80	19.94	19.57	19.62	19.67		
20	64QAM	50	24	19.85	20.04	19.52	19.54	19.77	21	0
20	64QAM	50	50	19.81	20.03	19.45	19.49	19.65		
20	64QAM	100	0	19.79	20.02	19.43	19.54	19.64		
20	256QAM	1	0	18.79	18.97	18.48	18.62	18.70		
20	256QAM	1	49	18.76	18.91	18.41	18.50	18.63	20	1
20	256QAM	1	99	18.73	18.96	18.41	18.57	18.56		
20	256QAM	50	0	18.69	18.82	18.34	18.56	18.57		
20	256QAM	50	24	18.73	18.94	18.46	18.57	18.60	20	1
20	256QAM	50	50	18.74	18.90	18.46	18.55	18.67		
20	256QAM	100	0	18.64	18.94	18.33	18.53	18.64		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.74	20.04	19.43	19.60	19.74		
15	QPSK	1	37	19.79	19.96	19.52	19.61	19.77	21	0
15	QPSK	1	74	19.80	19.95	19.53	19.53	19.67		
15	QPSK	36	0	19.80	20.00	19.57	19.54	19.65		
15	QPSK	36	20	19.81	20.05	19.51	19.56	19.63	21	0
15	QPSK	36	39	19.86	20.06	19.55	19.54	19.73		
15	QPSK	75	0	19.79	20.07	19.54	19.49	19.74		
15	16QAM	1	0	19.72	19.93	19.57	19.52	19.63		
15	16QAM	1	37	19.73	20.06	19.49	19.55	19.67	21	0
15	16QAM	1	74	19.75	20.03	19.48	19.54	19.66		
15	16QAM	36	0	19.74	20.03	19.57	19.52	19.65		
15	16QAM	36	20	19.72	20.03	19.56	19.56	19.68	21	0
15	16QAM	36	39	19.72	19.97	19.56	19.57	19.72		
15	16QAM	75	0	19.74	19.98	19.48	19.56	19.74		
15	64QAM	1	0	19.83	19.98	19.54	19.48	19.77		
15	64QAM	1	37	19.78	19.93	19.44	19.57	19.69	21	0
15	64QAM	1	74	19.84	20.07	19.43	19.54	19.74		
15	64QAM	36	0	19.78	19.96	19.44	19.54	19.70		
15	64QAM	36

Band 42 Part27Q_Ant 11

BW [MHz]	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	19.33	19.35	19.31		
20	QPSK	1	49	19.16	19.20	19.18	19.7	0
20	QPSK	1	99	19.18	19.22	19.17		
20	QPSK	50	0	19.31	19.33	19.30		
20	QPSK	50	24	19.22	19.24	19.13	19.7	0
20	QPSK	50	50	19.24	19.16	19.24		
20	QPSK	100	0	19.28	19.30	19.27		
20	16QAM	1	0	19.14	19.28	19.21		
20	16QAM	1	49	19.14	19.26	19.26	19.7	0
20	16QAM	1	99	19.14	19.19	19.17		
20	16QAM	50	0	19.18	19.16	19.24		
20	16QAM	50	24	19.18	19.19	19.14	19.7	0
20	16QAM	50	50	19.20	19.15	19.26		
20	16QAM	100	0	19.16	19.24	19.16		
20	64QAM	1	0	19.22	19.26	19.25		
20	64QAM	1	49	19.17	19.20	19.15	19.7	0
20	64QAM	1	99	19.17	19.18	19.17		
20	64QAM	50	0	19.26	19.26	19.16		
20	64QAM	50	24	19.15	19.21	19.15	19.7	0
20	64QAM	50	50	19.19	19.25	19.20		
20	64QAM	100	0	19.23	19.22	19.23		
20	256QAM	1	0	17.95	18.00	17.96		
20	256QAM	1	49	18.08	18.14	18.12	18.7	1
20	256QAM	1	99	18.07	18.10	18.08		
20	256QAM	50	0	18.19	18.23	18.20		
20	256QAM	50	24	18.21	18.24	18.23	18.7	1
20	256QAM	50	50	18.25	18.29	18.30		
20	256QAM	100	0	18.12	18.18	18.17		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.25	19.22	19.15		
15	QPSK	1	37	19.13	19.23	19.17	19.7	0
15	QPSK	1	74	19.22	19.17	19.16		
15	QPSK	36	0	19.15	19.27	19.19		
15	QPSK	36	20	19.13	19.27	19.14	19.7	0
15	QPSK	36	39	19.18	19.25	19.20		
15	QPSK	75	0	19.23	19.29	19.20		
15	16QAM	1	0	19.21	19.25	19.26		
15	16QAM	1	37	19.14	19.28	19.15	19.7	0
15	16QAM	1	74	19.14	19.19	19.13		
15	16QAM	36	0	19.15	19.26	19.20		
15	16QAM	36	20	19.24	19.22	19.22	19.7	0
15	16QAM	36	39	19.27	19.27	19.14		
15	16QAM	75	0	19.21	19.22	19.16		
15	64QAM	1	0	19.22	19.28	19.23		
15	64QAM	1	37	19.14	19.28	19.22	19.7	0
15	64QAM	1	74	19.18	19.26	19.16		
15	64QAM	36	0	19.17	19.28	19.23		
15	64QAM	36	20	19.23	19.17	19.19	19.7	0
15	64QAM	36	39	19.15	19.22	19.24		
15	64QAM	75	0	19.18	19.27	19.19		
15	256QAM	1	0	17.81	17.88	17.82		
15	256QAM	1	37	18.06	17.99	18.05	18.7	1
15	256QAM	1	74	18.01	17.95	18.01		
15	256QAM	36	0	18.18	18.10	18.19		
15	256QAM	36	20	18.14	18.23	18.13	18.7	1
15	256QAM	36	39	18.18	18.20	18.27		
15	256QAM	75	0	18.11	18.13	18.14		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.22	19.24	19.18		
10	QPSK	1	25	19.20	19.24	19.14	19.7	0
10	QPSK	1	49	19.14	19.15	19.23		
10	QPSK	25	0	19.18	19.18	19.22		
10	QPSK	25	12	19.26	19.25	19.22	19.7	0
10	QPSK	25	25	19.19	19.27	19.16		
10	QPSK	50	0	19.21	19.17	19.24		
10	16QAM	1	0	19.19	19.16	19.19		
10	16QAM	1	25	19.13	19.23	19.13	19.7	0
10	16QAM	1	49	19.14	19.27	19.18		
10	16QAM	25	0	19.15	19.23	19.17		
10	16QAM	25	12	19.23	19.20	19.21	19.7	0
10	16QAM	25	25	19.23	19.21	19.19		
10	16QAM	50	0	19.17	19.23	19.23		
10	64QAM	1	0	19.19	19.29	19.14		
10	64QAM	1	25	19.21	19.17	19.24	19.7	0
10	64QAM	1	49	19.26	19.28	19.20		
10	64QAM	25	0	19.16	19.21	19.15		
10	64QAM	25	12	19.16	19.26	19.19	19.7	0
10	64QAM	25	25	19.19	19.29	19.17		
10	64QAM	50	0	19.25	19.20	19.26		
10	256QAM	1	0	17.85	17.90	17.81		
10	256QAM	1	25	18.01	18.13	18.00	18.7	1
10	256QAM	1	49	17.94	18.05	18.05		
10	256QAM	25	0	18.04	18.20	18.17		
10	256QAM	25	12	18.16	18.14	18.10	18.7	1
10	256QAM	25	25	18.16	18.18	18.16		
10	256QAM	50	0	18.12	18.16	18.17		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.21	19.23	19.25		
5	QPSK	1	12	19.21	19.19	19.13	19.7	0
5	QPSK	1	24	19.26	19.28	19.18		
5	QPSK	12	0	19.27	19.23	19.24		
5	QPSK	12	7	19.26	19.17	19.17	19.7	0
5	QPSK	12	13	19.20	19.25	19.15		
5	QPSK	25	0	19.27	19.19	19.25		
5	16QAM	1	0	19.14	19.23	19.18		
5	16QAM	1	12	19.24	19.19	19.17	19.7	0
5	16QAM	1	24	19.16	19.17	19.18		
5	16QAM	12	0	19.24	19.27	19.13		
5	16QAM	12	7	19.16	19.19	19.21	19.7	0
5	16QAM	12	13	19.25	19.22	19.16		
5	16QAM	25	0	19.19	19.19	19.22		
5	64QAM	1	0	19.14	19.26	19.21		
5	64QAM	1	12	19.24	19.23	19.24	19.7	0
5	64QAM	1	24	19.23	19.29	19.17		
5	64QAM	12	0	19.15	19.28	19.15		
5	64QAM	12	7	19.25	19.20	19.24	19.7	0
5	64QAM	12	13	19.22	19.22	19.22		
5	64QAM	25	0	19.22	19.29	19.17		
5	256QAM	1	0	17.90	17.88	17.84		
5	256QAM	1	12	17.96	18.11	17.97	18.7	1
5	256QAM	1	24	17.95	18.01	18.00		
5	256QAM	12	0	18.08	18.19	18.08		
5	256QAM	12	7	18.21	18.09	18.13	18.7	1
5	256QAM	12	13	18.20	18.26	18.18		
5	256QAM	25	0	18.00	18.05	18.13		

Band 42 Part27Q_Ant 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.93	21.11	21.08		
20	QPSK	1	49	20.80	21.00	21.03	21.5	0
20	QPSK	1	99	20.84	20.94	21.02		
20	QPSK	50	0	20.91	21.10	21.07		
20	QPSK	50	24	20.76	21.07	20.99	21.5	0
20	QPSK	50	50	20.81	21.00	21.00		
20	QPSK	100	0	20.90	21.08	21.05		
20	16QAM	1	0	20.80	20.93	20.97		
20	16QAM	1	49	20.79	21.02	20.92	21.5	0
20	16QAM	1	99	20.81	20.98	20.97		
20	16QAM	50	0	20.82	21.03	20.94		
20	16QAM	50	24	20.89	20.93	21.01	21.5	0
20	16QAM	50	50	20.76	21.00	20.92		
20	16QAM	100	0	20.83	20.98	20.92		
20	64QAM	1	0	20.85	21.01	20.93		
20	64QAM	1	49	20.78	20.94	21.03	21.5	0
20	64QAM	1	99	20.80	21.03	20.92		
20	64QAM	50	0	20.23	20.42	20.38		
20	64QAM	50	24	20.29	20.45	20.37	21	0.5
20	64QAM	50	50	20.30	20.47	20.42		
20	64QAM	100	0	20.26	20.42	20.39		
20	256QAM	1	0	18.06	18.21	18.15		
20	256QAM	1	49	18.20	18.36	18.31	19	2.5
20	256QAM	1	99	18.08	18.27	18.20		
20	256QAM	50	0	18.30	18.47	18.40		
20	256QAM	50	24	18.35	18.50	18.46	19	2.5
20	256QAM	50	50	18.33	18.51	18.44		
20	256QAM	100	0	18.25	18.43	18.40		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.77	21.00	21.02		
15	QPSK	1	37	20.85	21.04	20.91	21.5	0
15	QPSK	1	74	20.75	20.93	20.99		
15	QPSK	36	0	20.81	20.94	20.94		
15	QPSK	36	20	20.86	20.98	21.03	21.5	0
15	QPSK	36	39	20.81	20.98	20.93		
15	QPSK	75	0	20.84	21.01	20.96		
15	16QAM	1	0	20.85	21.07	21.03		
15	16QAM	1	37	20.80	21.06	21.02	21.5	0
15	16QAM	1	74	20.86	20.97	21.02		
15	16QAM	36	0	20.85	21.02	21.04		
15	16QAM	36	20	20.76	20.93	20.96	21.5	0
15	16QAM	36	39	20.81	20.98	20.92		
15	16QAM	75	0	20.78	21.03	21.00		
15	64QAM	1	0	20.84	21.07	21.03		
15	64QAM	1	37	20.78	21.03	20.94	21.5	0
15	64QAM	1	74	20.82	20.96	20.91		
15	64QAM	36	0	20.13	20.33	20.32		
15	64QAM	36	20	20.17	20.32	20.25	21	0.5
15	64QAM	36	39	20.16	20.41	20.34		
15	64QAM	75	0	20.17	20.30	20.30		
15	256QAM	1	0	18.00	18.13	18.07		
15	256QAM	1	37	18.15	18.31	18.31	19	2.5
15	256QAM	1	74	17.99	18.21	18.15		
15	256QAM	36	0	18.20	18.40	18.25		
15	256QAM	36	20	18.28	18.50	18.33	19	2.5
15	256QAM	36	39	18.27	18.49	18.36		
15	256QAM	75	0	18.16	18.42	18.37		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.80	20.96	21.04		
10	QPSK	1	25	20.79	21.04	20.99	21.5	0
10	QPSK	1	49	20.78	21.00	20.92		
10	QPSK	25	0	20.78	20.99	21.00		
10	QPSK	25	12	20.77	21.04	21.01	21.5	0
10	QPSK	25	25	20.89	20.93	20.91		
10	QPSK	50	0	20.83	20.96	21.03		
10	16QAM	1	0	20.77	20.94	20.93		
10	16QAM	1	25	20.88	21.00	20.98	21.5	0
10	16QAM	1	49	20.76	20.99	20.97		
10	16QAM	25	0	20.86	21.02	21.03		
10	16QAM	25	12	20.82	21.01	20.94	21.5	0
10	16QAM	25	25	20.81	20.94	21.02		
10	16QAM	50	0	20.83	20.99	20.90		
10	64QAM	1	0	20.76	20.99	20.98		
10	64QAM	1	25	20.82	21.05	20.95	21.5	0
10	64QAM	1	49	20.76	20.99	20.99		
10	64QAM	25	0	20.11	20.32	20.31		
10	64QAM	25	12	20.14	20.36	20.24	21	0.5
10	64QAM	25	25	20.22	20.41	20.32		
10	64QAM	50	0	20.14	20.29	20.26		
10	256QAM	1	0	17.98	18.11	18.07		
10	256QAM	1	25	18.09	18.32	18.30	19	2.5
10	256QAM	1	49	18.04	18.27	18.14		
10	256QAM	25	0	18.30	18.38	18.35		
10	256QAM	25	12	18.30	18.37	18.43	19	2.5
10	256QAM	25	25	18.30	18.49	18.36		
10	256QAM	50	0	18.29	18.33	18.37		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.89	20.99	20.92		
5	QPSK	1	12	20.79	20.99	20.94	21.5	0
5	QPSK	1	24	20.76	21.06	21.03		
5	QPSK	12	0	20.79	21.03	21.01		
5	QPSK	12	7	20.83	20.99	20.94	21.5	0
5	QPSK	12	13	20.83	21.05	20.96		
5	QPSK	25	0	20.83	21.06	21.02		
5	16QAM	1	0	20.77	21.06	21.02		
5	16QAM	1	12	20.77	20.95	20.96	21.5	0
5	16QAM	1	24	20.84	21.05	20.96		
5	16QAM	12	0	20.82	20.95	20.95		
5	16QAM	12	7	20.76	21.01	20.94	21.5	0
5	16QAM	12	13	20.83	21.01	20.96		
5	16QAM	25	0	20.76	21.05	21.03		
5	64QAM	1	0	20.88	21.06	21.01		
5	64QAM	1	12	20.86	20.94	21.02	21.5	0
5	64QAM	1	24	20.88	20.99	20.94		
5	64QAM	12	0	20.12	20.30	20.26		
5	64QAM	12	7	20.16	20.36	20.31	21	0.5
5	64QAM	12	13	20.21	20.38	20.29		
5	64QAM	25	0	20.21	20.31	20.28		
5	256QAM	1	0	17.96	18.13	18.06		
5	256QAM	1	12	18.12	18.35	18.20	19	2.5
5	256QAM	1	24	18.01	18.26	18.07		
5	256QAM	12	0	18.23	18.32	18.28		
5	256QAM	12	7	18.24	18.37	18.45	19	2.5
5	256QAM	12	13	18.33	18.40	18.37		
5	256QAM	25	0	18.19	18.40	18.37		

Band 42 Part27Q_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.19	20.21	20.01		
20	QPSK	1	49	20.11	20.16	19.94	21	0
20	QPSK	1	99	20.15	20.17	19.96		
20	QPSK	50	0	19.15	19.15	18.95		
20	QPSK	50	24	19.10	19.12	18.93	20	1
20	QPSK	50	50	19.07	19.11	18.90		
20	QPSK	100	0	19.07	19.10	18.91		
20	16QAM	1	0	19.19	19.21	18.99		
20	16QAM	1	49	19.22	19.23	19.01	20	1
20	16QAM	1	99	19.19	19.20	19.00		
20	16QAM	50	0	18.12	18.13	17.94		
20	16QAM	50	24	18.11	18.14	17.95	19	2
20	16QAM	50	50	18.10	18.15	17.95		
20	16QAM	100	0	18.10	18.14	17.92		
20	64QAM	1	0	17.73	17.75	17.53		
20	64QAM	1	49	17.69	17.73	17.53	19	2
20	64QAM	1	99	17.77	17.72	17.53		
20	64QAM	50	0	17.05	17.10	16.92		
20	64QAM	50	24	17.07	17.11	16.92	18	3
20	64QAM	50	50	17.07	17.12	16.92		
20	64QAM	100	0	17.10	17.12	16.92		
20	256QAM	1	0	14.96	14.97	14.79		
20	256QAM	1	49	14.94	14.94	14.74	16	5
20	256QAM	1	99	14.89	14.92	14.75		
20	256QAM	50	0	15.11	15.15	14.94		
20	256QAM	50	24	15.16	15.18	15.00	16	5
20	256QAM	50	50	15.19	15.19	15.00		
20	256QAM	100	0	15.12	15.14	14.92		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.12	20.11	19.87		
15	QPSK	1	37	19.96	20.01	19.80	21	0
15	QPSK	1	74	20.06	20.03	19.82		
15	QPSK	36	0	19.00	19.00	18.85		
15	QPSK	36	20	18.96	19.02	18.87	20	1
15	QPSK	36	39	18.99	19.00	18.79		
15	QPSK	75	0	18.95	18.95	18.85		
15	16QAM	1	0	19.14	19.14	18.94		
15	16QAM	1	37	19.08	19.16	18.90	20	1
15	16QAM	1	74	19.11	19.09	18.90		
15	16QAM	36	0	18.06	18.04	17.88		
15	16QAM	36	20	18.02	18.02	17.88	19	2
15	16QAM	36	39	17.98	18.05	17.80		
15	16QAM	75	0	17.99	18.06	17.79		
15	64QAM	1	0	17.62	17.61	17.42		
15	64QAM	1	37	17.54	17.64	17.41	19	2
15	64QAM	1	74	17.65	17.59	17.38		
15	64QAM	36	0	16.98	17.01	16.86		
15	64QAM	36	20	16.95	17.04	16.78	18	3
15	64QAM	36	39	17.00	16.98	16.87		
15	64QAM	75	0	16.99	17.05	16.85		
15	256QAM	1	0	14.91	14.84	14.74		
15	256QAM	1	37	14.91	14.84	14.62	16	5
15	256QAM	1	74	14.84	14.92	14.71		
15	256QAM	36	0	15.01	15.07	14.86		
15	256QAM	36	20	15.03	15.03	14.86	16	5
15	256QAM	36	39	15.13	15.11	14.92		
15	256QAM	75	0	15.02	15.13	14.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.04	20.08	19.90		
10	QPSK	1	25	19.98	20.09	19.85	21	0
10	QPSK	1	49	20.04	20.08	19.90		
10	QPSK	25	0	19.05	19.07	18.86		
10	QPSK	25	12	19.02	19.01	18.88	20	1
10	QPSK	25	25	19.02	18.97	18.81		
10	QPSK	50	0	18.98	19.03	18.77		
10	16QAM	1	0	19.11	19.08	18.88		
10	16QAM	1	25	19.10	19.18	18.93	20	1
10	16QAM	1	49	19.13	19.10	18.88		
10	16QAM	25	0	17.98	18.08	17.83		
10	16QAM	25	12	17.96	18.02	17.83	19	2
10	16QAM	25	25	17.98	18.07	17.86		
10	16QAM	50	0	17.98	18.08	17.87		
10	64QAM	1	0	17.67	17.68	17.48		
10	64QAM	1	25	17.57	17.64	17.40	19	2
10	64QAM	1	49	17.60	17.58	17.46		
10	64QAM	25	0	16.94	16.98	16.77		
10	64QAM	25	12	16.98	16.96	16.86	18	3
10	64QAM	25	25	16.93	17.03	16.78		
10	64QAM	50	0	16.96	17.06	16.80		
10	256QAM	1	0	14.82	14.83	14.65		
10	256QAM	1	25	14.93	14.93	14.68	16	5
10	256QAM	1	49	14.86	14.90	14.73		
10	256QAM	25	0	14.99	15.01	14.85		
10	256QAM	25	12	15.10	15.13	14.98	16	5
10	256QAM	25	25	15.16	15.05	15.00		
10	256QAM	50	0	15.07	15.09	14.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.07	20.13	19.88		
5	QPSK	1	12	19.98	20.06	19.83	21	0
5	QPSK	1	24	20.08	20.12	19.88		
5	QPSK	12	0	19.90	19.94	19.73		
5	QPSK	12	7	18.97	19.01	18.81	20	1
5	QPSK	12	13	18.95	19.01	18.81		
5	QPSK	25	0	18.94	18.98	18.82		
5	16QAM	1	0	19.05	19.07	18.91		
5	16QAM	1	12	19.08	19.09	18.90	20	1
5	16QAM	1	24	19.10	19.13	18.86		
5	16QAM	12	0	18.07	18.00	17.88		
5	16QAM	12	7	18.01	17.99	17.89	19	2
5	16QAM	12	13	17.99	18.08	17.90		
5	16QAM	25	0	18.02	18.04	17.77		
5	64QAM	1	0	17.67	17.62	17.44		
5	64QAM	1	12	17.66	17.61	17.41	19	2
5	64QAM	1	24	17.62	17.57	17.44		
5	64QAM	12	0	16.94	16.97	16.82		
5	64QAM	12	7	17.01	16.97	16.82	18	3
5	64QAM	12	13	17.01	17.04	16.83		
5	64QAM	25	0	17.00	17.01	16.78		
5	256QAM	1	0	14.91	14.92	14.64		
5	256QAM	1	12	14.93	14.90	14.64	16	5
5	256QAM	1	24	14.89	14.88	14.73		
5	256QAM	12	0	15.03	15.06	14.81		
5	256QAM	12	7	15.12	15.12	15.00	16	5
5	256QAM	12	13	15.12	15.19	15.00		
5	256QAM	25	0	15.09	15.06	14.90		

Band 42 Part27Q_Ant 23

BW [MHz]	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	19.92	19.94	19.89		
20	QPSK	1	49	19.90	19.91	19.88	21	0
20	QPSK	1	99	19.84	19.83	19.80		
20	QPSK	50	0	18.85	18.86	18.84		
20	QPSK	50	24	18.84	18.84	18.83	20	1
20	QPSK	50	50	18.79	18.80	18.76		
20	QPSK	100	0	18.83	18.85	18.81		
20	16QAM	1	0	18.87	18.88	18.87		
20	16QAM	1	49	18.87	18.88	18.86	20	1
20	16QAM	1	99	18.88	18.90	18.90		
20	16QAM	50	0	17

Reduced Power Mode for ECI8&9&10

GSM850_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.00	32.14	32.12	33.20	23.00	23.14	23.12	24.20
GPRS/EDGE GMSK 1 Tx slot	31.97	32.12	32.10	33.20	22.97	23.12	23.10	24.20
GPRS/EDGE GMSK 2 Tx slots	30.34	30.50	30.49	31.20	24.34	24.50	24.49	25.20
GPRS/EDGE GMSK 3 Tx slots	28.19	28.38	28.39	29.20	23.93	24.12	24.13	24.94
GPRS/EDGE GMSK 4 Tx slots	26.54	26.75	26.76	27.70	23.54	23.75	23.76	24.70
EDGE 8PSK 1 Tx slot	26.73	26.72	26.64	27.70	17.73	17.72	17.64	18.70
EDGE 8PSK 2 Tx slots	24.48	24.59	24.48	25.70	18.48	18.59	18.48	19.70
EDGE 8PSK 3 Tx slots	22.25	22.41	22.21	23.70	17.99	18.15	17.95	19.44
EDGE 8PSK 4 Tx slots	20.50	20.54	20.38	22.20	17.50	17.54	17.38	19.20

GSM850_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.05	32.32	32.28	33.20	23.05	23.32	23.28	24.20
GPRS/EDGE GMSK 1 Tx slot	32.02	32.30	32.25	33.20	23.02	23.30	23.25	24.20
GPRS/EDGE GMSK 2 Tx slots	30.30	30.62	30.58	31.20	24.30	24.62	24.58	25.20
GPRS/EDGE GMSK 3 Tx slots	28.11	28.42	28.44	29.20	23.85	24.16	24.18	24.94
GPRS/EDGE GMSK 4 Tx slots	26.42	26.72	26.78	27.70	23.42	23.72	23.78	24.70
EDGE 8PSK 1 Tx slot	26.24	26.35	26.22	27.70	17.24	17.35	17.22	18.70
EDGE 8PSK 2 Tx slots	24.09	24.25	24.09	25.70	18.09	18.25	18.09	19.70
EDGE 8PSK 3 Tx slots	21.85	22.02	22.01	23.70	17.59	17.76	17.75	19.44
EDGE 8PSK 4 Tx slots	20.24	20.21	20.20	22.20	17.24	17.21	17.20	19.20

GSM1900_Ant 13	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.83	27.85	27.86	28.70	18.83	18.85	18.86	19.70
GPRS/EDGE GMSK 1 Tx slot	27.80	27.83	27.84	28.70	18.80	18.83	18.84	19.70
GPRS/EDGE GMSK 2 Tx slots	24.84	24.87	24.93	25.70	18.84	18.87	18.93	19.70
GPRS/EDGE GMSK 3 Tx slots	23.07	23.12	23.22	23.90	18.81	18.86	18.96	19.64
GPRS/EDGE GMSK 4 Tx slots	21.79	21.87	21.86	22.50	18.79	18.87	18.86	19.50
EDGE 8PSK 1 Tx slot	25.84	25.85	25.76	27.20	16.84	16.85	16.76	18.20
EDGE 8PSK 2 Tx slots	23.82	23.80	23.73	25.20	17.82	17.80	17.73	19.20
EDGE 8PSK 3 Tx slots	21.68	21.57	21.63	23.20	17.42	17.31	17.37	18.94
EDGE 8PSK 4 Tx slots	20.23	20.19	20.21	21.70	17.23	17.19	17.21	18.70

GSM1900_Ant 31	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.72	28.94	28.98	30.20	19.72	19.94	19.98	21.20
GPRS/EDGE GMSK 1 Tx slot	28.71	28.92	28.96	30.20	19.71	19.92	19.96	21.20
GPRS/EDGE GMSK 2 Tx slots	25.64	25.88	25.94	27.20	19.64	19.88	19.94	21.20
GPRS/EDGE GMSK 3 Tx slots	23.91	24.14	24.21	25.40	19.65	19.88	19.95	21.14
GPRS/EDGE GMSK 4 Tx slots	22.63	22.91	22.99	24.00	19.63	19.91	19.99	21.00
EDGE 8PSK 1 Tx slot	25.93	25.84	25.82	27.20	16.93	16.84	16.82	18.20
EDGE 8PSK 2 Tx slots	23.92	23.87	23.83	25.20	17.92	17.87	17.83	19.20
EDGE 8PSK 3 Tx slots	21.75	21.68	21.70	23.20	17.49	17.42	17.44	18.94
EDGE 8PSK 4 Tx slots	20.16	20.14	20.23	21.70	17.16	17.14	17.23	18.70

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA II_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.58	17.60	17.56	18.70	18.91	18.93	18.90	20.20
3GPP Rel 99	RMC 12.2Kbps	17.60	17.62	17.58	18.70	18.93	18.95	18.92	20.20
3GPP Rel 6	HSDPA Subtest-1	17.44	17.52	17.43	18.70	18.85	18.91	18.87	20.20
3GPP Rel 6	HSDPA Subtest-2	17.45	17.54	17.49	18.70	18.81	18.89	18.89	20.20
3GPP Rel 6	HSDPA Subtest-3	17.45	17.48	17.41	18.70	18.77	18.79	18.87	20.20
3GPP Rel 6	HSDPA Subtest-4	17.50	17.55	17.42	18.70	18.84	18.84	18.77	20.20
3GPP Rel 8	DC-HSDPA Subtest-1	17.57	17.54	17.50	18.70	18.79	18.88	18.80	20.20
3GPP Rel 8	DC-HSDPA Subtest-2	17.45	17.52	17.46	18.70	18.90	18.89	18.80	20.20
3GPP Rel 8	DC-HSDPA Subtest-3	17.50	17.52	17.49	18.70	18.86	18.84	18.88	20.20
3GPP Rel 8	DC-HSDPA Subtest-4	17.48	17.48	17.44	18.70	18.82	18.80	18.76	20.20
3GPP Rel 6	HSUPA Subtest-1	17.43	17.48	17.48	18.70	18.83	18.86	18.80	20.20
3GPP Rel 6	HSUPA Subtest-2	17.53	17.55	17.45	18.70	18.76	18.92	18.75	20.20
3GPP Rel 6	HSUPA Subtest-3	17.57	17.52	17.49	18.70	18.78	18.83	18.82	20.20
3GPP Rel 6	HSUPA Subtest-4	17.52	17.53	17.51	18.70	18.89	18.81	18.86	20.20
3GPP Rel 6	HSUPA Subtest-5	17.49	17.57	17.45	18.70	18.84	18.91	18.82	20.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.45	17.52	17.47	18.70	18.80	18.78	18.84	20.20

Band		WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	18.98	19.00	18.95	19.70	20.53	20.55	20.51	21.70
3GPP Rel 99	RMC 12.2Kbps	19.00	19.02	18.97	19.70	20.54	20.56	20.53	21.70
3GPP Rel 6	HSDPA Subtest-1	18.84	18.86	18.80	19.70	20.39	20.48	20.39	21.70
3GPP Rel 6	HSDPA Subtest-2	18.91	18.98	18.81	19.70	20.49	20.46	20.39	21.70
3GPP Rel 6	HSDPA Subtest-3	18.83	18.88	18.83	19.70	20.39	20.51	20.37	21.70
3GPP Rel 6	HSDPA Subtest-4	18.92	18.86	18.88	19.70	20.39	20.53	20.47	21.70
3GPP Rel 8	DC-HSDPA Subtest-1	18.86	18.89	18.83	19.70	20.45	20.50	20.46	21.70
3GPP Rel 8	DC-HSDPA Subtest-2	18.83	18.93	18.91	19.70	20.39	20.45	20.43	21.70
3GPP Rel 8	DC-HSDPA Subtest-3	18.85	18.89	18.91	19.70	20.39	20.47	20.37	21.70
3GPP Rel 8	DC-HSDPA Subtest-4	18.87	18.93	18.81	19.70	20.38	20.48	20.36	21.70
3GPP Rel 6	HSUPA Subtest-1	18.89	18.89	18.89	19.70	20.49	20.50	20.41	21.70
3GPP Rel 6	HSUPA Subtest-2	18.90	18.90	18.89	19.70	20.39	20.45	20.46	21.70
3GPP Rel 6	HSUPA Subtest-3	18.95	18.97	18.82	19.70	20.41	20.40	20.41	21.70
3GPP Rel 6	HSUPA Subtest-4	18.95	18.97	18.82	19.70	20.47	20.40	20.50	21.70
3GPP Rel 6	HSUPA Subtest-5	18.89	18.94	18.90	19.70	20.38	20.52	20.50	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.96	18.95	18.93	19.70	20.41	20.40	20.46	21.70

Band		WCDMA V_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 31			Tune-up Limit (dBm)
TX Channel		4132	4182	4233		4132	4182	4233	
Rx Channel		4357	4407	4458		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.58	23.60	23.57	24.70	23.80	23.80	23.73	24.70
3GPP Rel 99	RMC 12.2Kbps	23.61	23.64	23.59	24.70	23.82	23.83	23.76	24.70
3GPP Rel 6	HSDPA Subtest-1	23.59	23.62	23.57	24.70	23.79	23.76	23.74	24.70
3GPP Rel 6	HSDPA Subtest-2	23.60	23.63	23.58	24.70	23.80	23.82	23.71	24.70
3GPP Rel 6	HSDPA Subtest-3	23.16	23.22	23.12	24.20	23.32	23.37	23.25	24.20
3GPP Rel 6	HSDPA Subtest-4	23.13	23.18	23.09	24.20	23.29	23.32	23.20	24.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.54	23.54	23.45	24.70	23.64	23.64	23.73	24.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.45	23.49	23.45	24.70	23.71	23.70	23.67	24.70
3GPP Rel 8	DC-HSDPA Subtest-3	23.09	23.11	22.97	24.20	23.26	23.27	23.18	24.20
3GPP Rel 8	DC-HSDPA Subtest-4	23.03	23.09	22.95	24.20	23.23	23.19	23.15	24.20
3GPP Rel 6	HSUPA Subtest-1	21.64	21.65	21.62	22.70	21.78	21.81	21.72	22.70
3GPP Rel 6	HSUPA Subtest-2	21.65	21.70	21.63	22.70	21.80	21.79	21.77	22.70
3GPP Rel 6	HSUPA Subtest-3	22.66	22.70	22.61	23.70	22.80	22.77	22.72	23.70
3GPP Rel 6	HSUPA Subtest-4	21.16	21.18	21.19	22.20	21.32	21.31	21.23	22.20
3GPP Rel 6	HSUPA Subtest-5	22.58	22.72	22.60	23.70	22.80	22.82	22.70	23.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.98	20.24	20.08	21.70	20.08	20.23	20.20	21.70

Band 2_Ant 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.88	17.91	17.87		
20	QPSK	1	49	17.76	17.75	17.72	18.7	0
20	QPSK	1	99	17.76	17.79	17.78		
20	QPSK	50	0	17.87	17.90	17.85		
20	QPSK	50	24	17.80	17.78	17.75	18.7	0
20	QPSK	50	50	17.82	17.77	17.71		
20	QPSK	100	0	17.85	17.88	17.83		
20	16QAM	1	0	17.79	17.74	17.70		
20	16QAM	1	49	17.76	17.81	17.82	18.7	0
20	16QAM	1	99	17.78	17.79	17.69		
20	16QAM	50	0	17.70	17.87	17.69		
20	16QAM	50	24	17.70	17.82	17.79	18.7	0
20	16QAM	50	50	17.83	17.78	17.79		
20	16QAM	100	0	17.83	17.74	17.72		
20	64QAM	1	0	17.84	17.75	17.72		
20	64QAM	1	49	17.81	17.74	17.74	18.7	0
20	64QAM	1	99	17.80	17.74	17.80		
20	64QAM	50	0	17.83	17.84	17.69		
20	64QAM	50	24	17.76	17.80	17.74	18.7	0
20	64QAM	50	50	17.80	17.80	17.82		
20	64QAM	100	0	17.77	17.77	17.73		
20	256QAM	1	0	17.77	17.82	17.73		
20	256QAM	1	49	17.79	17.84	17.78	18.7	0
20	256QAM	1	99	17.75	17.76	17.73		
20	256QAM	50	0	17.73	17.83	17.74		
20	256QAM	50	24	17.81	17.74	17.81	18.7	0
20	256QAM	50	50	17.83	17.73	17.73		
20	256QAM	100	0	17.83	17.74	17.76		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.84	17.87	17.80		
15	QPSK	1	37	17.72	17.80	17.76	18.7	0
15	QPSK	1	74	17.81	17.74	17.79		
15	QPSK	36	0	17.75	17.86	17.75		
15	QPSK	36	20	17.72	17.81	17.76	18.7	0
15	QPSK	36	39	17.76	17.82	17.73		
15	QPSK	75	0	17.71	17.76	17.69		
15	16QAM	1	0	17.82	17.82	17.78		
15	16QAM	1	37	17.71	17.83	17.77	18.7	0
15	16QAM	1	74	17.73	17.78	17.79		
15	16QAM	36	0	17.78	17.74	17.73		
15	16QAM	36	20	17.75	17.83	17.68	18.7	0
15	16QAM	36	39	17.71	17.83	17.80		
15	16QAM	75	0	17.72	17.81	17.72		
15	64QAM	1	0	17.84	17.83	17.76		
15	64QAM	1	37	17.78	17.77	17.72	18.7	0
15	64QAM	1	74	17.78	17.74	17.74		
15	64QAM	36	0	17.76	17.76	17.76		
15	64QAM	36	20	17.80	17.77	17.80	18.7	0
15	64QAM	36	39	17.80	17.79	17.82		
15	64QAM	75	0	17.71	17.76	17.74		
15	256QAM	1	0	17.71	17.82	17.70		
15	256QAM	1	37	17.74	17.86	17.78	18.7	0
15	256QAM	1	74	17.72	17.87	17.76		
15	256QAM	36	0	17.75	17.81	17.79		
15	256QAM	36	20	17.76	17.81	17.70	18.7	0
15	256QAM	36	39	17.74	17.87	17.77		
15	256QAM	75	0	17.84	17.77	17.74		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.84	17.84	17.78		
10	QPSK	1	25	17.72	17.83	17.71	18.7	0
10	QPSK	1	49	17.76	17.84	17.72		
10	QPSK	25	0	17.73	17.83	17.71		
10	QPSK	25	12	17.73	17.86	17.69	18.7	0
10	QPSK	25	25	17.78	17.83	17.71		
10	QPSK	50	0	17.81	17.79	17.73		
10	16QAM	1	0	17.77	17.87	17.80		
10	16QAM	1	25	17.70	17.74	17.76	18.7	0
10	16QAM	1	49	17.82	17.74	17.80		
10	16QAM	25	0	17.83	17.76	17.75		
10	16QAM	25	12	17.79	17.86	17.80	18.7	0
10	16QAM	25	25	17.80	17.85	17.80		
10	16QAM	50	0	17.80	17.77	17.75		
10	64QAM	1	0	17.75	17.78	17.80		
10	64QAM	1	25	17.81	17.82	17.71	18.7	0
10	64QAM	1	49	17.74	17.86	17.82		
10	64QAM	25	0	17.80	17.73	17.81		
10	64QAM	25	12	17.79	17.84	17.78	18.7	0
10	64QAM	25	25	17.74	17.83	17.69		
10	64QAM	50	0	17.77	17.79	17.69		
10	256QAM	1	0	17.80	17.83	17.71		
10	256QAM	1	25	17.75	17.85	17.82	18.7	0
10	256QAM	1	49	17.74	17.81	17.72		
10	256QAM	25	0	17.71	17.76	17.74		
10	256QAM	25	12	17.70	17.82	17.81	18.7	0
10	256QAM	25	25	17.83	17.82	17.70		
10	256QAM	50	0	17.79	17.78	17.72		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.76	17.78	17.80		
5	QPSK	1	12	17.72	17.77	17.76	18.7	0
5	QPSK	1	24	17.79	17.84	17.75		
5	QPSK	12	0	17.70	17.76	17.76		
5	QPSK	12	7	17.79	17.81	17.77	18.7	0
5	QPSK	12	13	17.81	17.75	17.72		
5	QPSK	25	0	17.78	17.81	17.74		
5	16QAM	1	0	17.83	17.74	17.73		
5	16QAM	1	12	17.79	17.75	17.79	18.7	0
5	16QAM	1	24	17.71	17.77	17.72		
5	16QAM	12	0	17.70	17.81	17.78		
5	16QAM	12	7	17.80	17.76	17.76	18.7	0
5	16QAM	12	13	17.81	17.86	17.82		
5	16QAM	25	0	17.72	17.87	17.76		
5	64QAM	1	0	17.71	17.78	17.82		
5	64QAM	1	12	17.80	17.70	17.70	18.7	0
5	64QAM	1	24	17.74	17.87	17.78		
5	64QAM	12	0	17.73	17.79	17.71		
5	64QAM	12	7	17.73	17.78	17.82	18.7	0
5	64QAM	12	13	17.70	17.87	17.73		
5	64QAM	25	0	17.79	17.85	17.82		
5	256QAM	1	0	17.76	17.85	17.80		
5	256QAM	1	12	17.81	17.77	17.79	18.7	0
5	256QAM	1	24	17.81	17.79	17.72		
5	256QAM	12	0	17.84	17.75	17.76		
5	256QAM	12	7	17.73	17.85	17.80	18.7	0
5	256QAM	12	13	17.78	17.75	17.81		
5	256QAM	25	0	17.82	17.85	17.79		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.81	17.76	17.77		
3	QPSK	1	8	17.83	17.77	17.78	18.7	0
3	QPSK	1	14	17.80	17.73	17.80		
3	QPSK	8	0	17.84	17.73	17.73		
3	QPSK	8	4	17.71	17.82	17.82	18.7	0
3	QPSK	8	7	17.75	17.84	17.81		
3	QPSK	15	0	17.76	17.76	17.81		
3	16QAM	1	0	17.80	17.74	17.77		
3	16QAM	1	8	17.80	17.74	17.68	18.7	0
3	16QAM	1	14	17.76	17.84	17.78		
3	16QAM	8	0	17.78	17.87	17.73		
3	16QAM	8	4	17.84	17.73	17.74	18.7	0
3	16QAM	8	7	17.79	17.78	17.69		
3	16QAM	15	0	17.81	17.87	17.79		
3	64QAM	1	0	17.84	17.73	17.73		
3	64QAM	1	8	17.75	17.81	17.81	18.7	0
3	64QAM	1	14	17.84	17.85	17.78		
3	64QAM	8	0	17.75	17.80	17.69		
3	64QAM	8	4	17.75	17.79	17.76	18.7	0
3	64QAM	8	7	17.74	17.77	17.73		
3	64QAM	15	0	17.76	17.77	17.75		
3	256QAM	1	0	17.73	17.87	17.70		
3	256QAM	1	8	17.75	17.82	17.68	18.7	0
3	256QAM	1	14	17.81	17.81	17.81		
3	256QAM	8	0	17.71	17.74	17.70		
3	256QAM	8	4	17.70	17.78	17.68	18.7	0
3	256QAM	8	7	17.70	17.86	17.69		
3	256QAM	15	0	17.79	17.77	17.75		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.74	17.76	17.68		
1.4	QPSK	1	3	17.78	17.77	17.73		
1.4	QPSK	1	5	17.75	17.82	17.79	18.7	0
1.4	QPSK	3	0	17.74	17.83	17.72		
1.4	QPSK	3	1	17.72	17.81	17.79		
1.4	QPSK	3	3	17.74	17.78	17.69		
1.4	QPSK	6	0	17.84	17.76	17.76	18.7	0
1.4	16QAM	1	0	17.84	17.78	17.79		
1.4	16QAM	1	3	17.84	17.86	17.69		
1.4	16QAM	1	5	17.74	17.82	17.72	18.7	0
1.4	16QAM	3	0	17.80	17.74	17.71		
1.4	16QAM	3	1	17.74	17.80	17.80		
1.4	16QAM	3	3	17.70	17.74	17.78		
1.4	16QAM	6	0	17.82	17.76	17.78	18.7	0
1.4	64QAM	1	0	17.84	17.84	17.74		
1.4	64QAM	1	3	17.81	17.85	17.68		
1.4	64QAM	1	5	17.75	17.86	17.77	18.7	0
1.4	64QAM	3	0	17.75	17.74	17.68		
1.4	64QAM	3	1	17.80	17.74	17.71		
1.4	64QAM	3	3	17.81	17.73	17.72		
1.4	64QAM	6	0	17.75	17.76	17.69	18.7	0
1.4	256QAM	1	0	17.74	17.77	17.79		
1.4	256QAM	1	3	17.76	17.80	17.82		
1.4	256QAM	1	5	17.83	17.76	17.74	18.7	0
1.4	256QAM	3	0	17.78	17.83	17.78		
1.4	256QAM	3	1	17.72	17.82	17.79		
1.4	256QAM	3	3	17.70	17.81	17.72		
1.4	256QAM	6	0	17.84	17.81	17.73	18.7	0

Band 2_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.89	18.91	18.87		
20	QPSK	1	49	18.70	18.81	18.71	20	0
20	QPSK	1	99	18.73	18.78	18.81		
20	QPSK	50	0	18.87	18.90	18.85		
20	QPSK	50	24	18.70	18.75	18.69	20	0
20	QPSK	50	50	18.72	18.87	18.68		
20	QPSK	100	0	18.85	18.88	18.83		
20	16QAM	1	0	18.83	18.77	18.74		
20	16QAM	1	49	18.78	18.74	18.76	20	0
20	16QAM	1	99	18.77	18.74	18.74		
20	16QAM	50	0	18.77	18.80	18.73		
20	16QAM	50	24	18.70	18.81	18.71	20	0
20	16QAM	50	50	18.82	18.79	18.79		
20	16QAM	100	0	18.72	18.82	18.68		
20	64QAM	1	0	18.83	18.77	18.73		
20	64QAM	1	49	18.83	18.81	18.71	20	0
20	64QAM	1	99	18.76	18.79	18.76		
20	64QAM	50	0	18.70	18.79	18.71		
20	64QAM	50	24	18.74	18.79	18.78	20	0
20	64QAM	50	50	18.72	18.76	18.79		
20	64QAM	100	0	18.79	18.84	18.73		
20	256QAM	1	0	18.36	18.38	18.35		
20	256QAM	1	49	18.26	18.37	18.26	19.5	0.5
20	256QAM	1	99	18.28	18.37	18.22		
20	256QAM	50	0	18.30	18.32	18.29		
20	256QAM	50	24	18.24	18.26	18.34	19.5	0.5
20	256QAM	50	50	18.31	18.37	18.34		
20	256QAM	100	0	18.26	18.34	18.27		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.84	18.83	18.81		
15	QPSK	1	37	18.81	18.83	18.75	20	0
15	QPSK	1	74	18.71	18.87	18.75		
15	QPSK	36	0	18.75	18.85	18.80		
15	QPSK	36	20	18.81	18.83	18.72	20	0
15	QPSK	36	39	18.80	18.81	18.77		
15	QPSK	75	0	18.79	18.78	18.79		
15	16QAM	1	0	18.73	18.79	18.79		
15	16QAM	1	37	18.73	18.83	18.72	20	0
15	16QAM	1	74	18.70	18.74	18.79		
15	16QAM	36	0	18.83	18.87	18.79		
15	16QAM	36	20	18.80	18.80	18.75	20	0
15	16QAM	36	39	18.71	18.82	18.72		
15	16QAM	75	0	18.73	18.82	18.79		
15	64QAM	1	0	18.72	18.86	18.73		
15	64QAM	1	37	18.81	18.73	18.70	20	0
15	64QAM	1	74	18.74	18.74	18.69		
15	64QAM	36	0	18.76	18.85	18.78		
15	64QAM	36	20	18.81	18.85	18.79	20	0
15	64QAM	36	39	18.75	18.81	18.75		
15	64QAM	75	0	18.75	18.85	18.74		
15	256QAM	1	0	18.34	18.37	18.29		
15	256QAM	1	37	18.24	18.22	18.19	19.5	0.5
15	256QAM	1	74	18.27	18.26	18.08		
15	256QAM	36	0	18.18	18.25	18.17		
15	256QAM	36	20	18.14	18.12	18.33	19.5	0.5
15	256QAM	36	39	18.21	18.24	18.29		
15	256QAM	75	0	18.11	18.26	18.15		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.70	18.73	18.79		
10	QPSK	1	25	18.77	18.83	18.80	20	0
10	QPSK	1	49	18.79	18.77	18.74		
10	QPSK	25	0	18.70	18.86	18.77		
10	QPSK	25	12	18.81	18.78	18.68	20	0
10	QPSK	25	25	18.76	18.74	18.72		
10	QPSK	50	0	18.71	18.78	18.68		
10	16QAM	1	0	18.81	18.76	18.76		
10	16QAM	1	25	18.81	18.77	18.68	20	0
10	16QAM	1	49	18.71	18.77	18.69		
10	16QAM	25	0	18.71	18.75	18.72		
10	16QAM	25	12	18.72	18.74	18.81	20	0
10	16QAM	25	25	18.79	18.81	18.77		
10	16QAM	50	0	18.73	18.81	18.74		
10	64QAM	1	0	18.82	18.85	18.77		
10	64QAM	1	25	18.73	18.81	18.70	20	0
10	64QAM	1	49	18.81	18.82	18.72		
10	64QAM	25	0	18.73	18.83	18.77		
10	64QAM	25	12	18.79	18.87	18.75	20	0
10	64QAM	25	25	18.80	18.73	18.69		
10	64QAM	50	0	18.73	18.75	18.73		
10	256QAM	1	0	18.26	18.23	18.28		
10	256QAM	1	25	18.23	18.35	18.11	19.5	0.5
10	256QAM	1	49	18.16	18.25	18.14		
10	256QAM	25	0	18.16	18.19	18.22		
10	256QAM	25	12	18.19	18.14	18.22	19.5	0.5
10	256QAM	25	25	18.21	18.35	18.26		
10	256QAM	50	0	18.22	18.27	18.19		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.76	18.74	18.74		
5	QPSK	1	12	18.82	18.80	18.69	20	0
5	QPSK	1	24	18.73	18.73	18.68		
5	QPSK	12	0	18.70	18.74	18.76		
5	QPSK	12	7	18.82	18.87	18.74	20	0
5	QPSK	12	13	18.83	18.83	18.78		
5	QPSK	25	0	18.79	18.83	18.69		
5	16QAM	1	0	18.74	18.70	18.70		
5	16QAM	1	12	18.76	18.78	18.70	20	0
5	16QAM	1	24	18.82	18.85	18.79		
5	16QAM	12	0	18.71	18.83	18.76		
5	16QAM	12	7	18.87	18.87	18.73	20	0
5	16QAM	12	13	18.72	18.73	18.80		
5	16QAM	25	0	18.77	18.86	18.82		
5	64QAM	1	0	18.82	18.75	18.80		
5	64QAM	1	12	18.74	18.84	18.73	20	0
5	64QAM	1	24	18.77	18.83	18.73		
5	64QAM	12	0	18.75	18.82	18.74		
5	64QAM	12	7	18.72	18.74	18.82	20	0
5	64QAM	12	13	18.74	18.83	18.80		
5	64QAM	25	0	18.71	18.76	18.77		
5	256QAM	1	0	18.30	18.34	18.26		
5	256QAM	1	12	18.12	18.36	18.17	19.5	0.5
5	256QAM	1	24	18.13	18.26	18.14		
5	256QAM	12	0	18.29	18.30	18.28		
5	256QAM	12	7	18.13	18.14	18.24	19.5	0.5
5	256QAM	12	13	18.21	18.26	18.24		
5	256QAM	25	0	18.19	18.30	18.19		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.82	18.83	18.68		
3	QPSK	1	8	18.73	18.85	18.73	20	0
3	QPSK	1	14	18.75	18.78	18.76		
3	QPSK	8	0	18.79	18.75	18.77		
3	QPSK	8	4	18.70	18.74	18.80	20	0
3	QPSK	8	7	18.78	18.81	18.76		
3	QPSK	15	0	18.84	18.78	18.82		
3	16QAM	1	0	18.74	18.80	18.81		
3	16QAM	1	8	18.77	18.81	18.81	20	0
3	16QAM	1	14	18.74	18.80	18.77		
3	16QAM	8	0	18.81	18.85	18.72		
3	16QAM	8	4	18.70	18.83	18.76	20	0
3	16QAM	8	7	18.82	18.80	18.72		
3	16QAM	15	0	18.82	18.84	18.80		
3	64QAM	1	0	18.73	18.76	18.78		
3	64QAM	1	8	18.77	18.74	18.74	20	0
3	64QAM	1	14	18.84	18.78	18.79		
3	64QAM	8	0	18.82	18.84	18.81		
3	64QAM	8	4	18.71	18.85	18.70	20	0
3	64QAM	8	7	18.71	18.83	18.82		
3	64QAM	15	0	18.73	18.73	18.69		
3	256QAM	1	0	18.29	18.28	18.34		
3	256QAM	1	8	18.19	18.25	18.24	19.5	0.5
3	256QAM	1	14	18.16	18.16	18.16		
3	256QAM	8	0	18.18	18.25	18.15		
3	256QAM	8	4	18.17	18.19	18.19	19.5	0.5
3	256QAM	8	7	18.26	18.26	18.26		
3	256QAM	15	0	18.25	18.22	18.31		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.82	18.85	18.77		
1.4	QPSK	1	3	18.79	18.85	18.71		
1.4	QPSK	1	5	18.75	18.74	18.82	20	0
1.4	QPSK	3	0	18.74	18.78	18.68		
1.4	QPSK	3	1	18.82	18.78	18.73		
1.4	QPSK	3	3	18.70	18.79	18.79		
1.4	QPSK	6	0	18.80	18.81	18.81	20	0
1.4	16QAM	1	0	18.76	18.85	18.80		
1.4	16QAM	1	3	18.70	18.74	18.78		
1.4	16QAM	1	5	18.72	18.84	18.74	20	0
1.4	16QAM	3	0	18.82	18.80	18.71		
1.4	16QAM	3	1	18.77	18.85	18.68		
1.4	16QAM	3	3	18.82	18.84	18.72		
1.4	16QAM	6	0	18.81	18.86	18.80	20	0
1.4	64QAM	1	0	18.80	18.73	18.80		
1.4	64QAM	1	3	18.77	18.81	18.77		
1.4	64QAM	1	5	18.79	18.78	18.72	20	0
1.4	64QAM	3	0	18.84	18.83	18.82		
1.4	64QAM	3	1	18.76	18.81	18.81		
1.4	64QAM	3	3	18.84	18.81	18.79		
1.4	64QAM	6	0	18.74	18.73	18.76	20	0
1.4	256QAM	1	0	18.30	18.25	18.32		
1.4	256QAM	1	3	18.20	18.23	18.22		
1.4	256QAM	1	5	18.13	18.33	18.20	19.5	0.5
1.4	256QAM	3	0	18.23	18.30	18.27		
1.4	256QAM	3	1	18.13	18.17	18.21		
1.4	256QAM	3	3	18.16	18.25	18.33		
1.4	256QAM	6	0	18.16	18.23	18.14	19.5	0.5

Band 2_Ant 11

BW [MHz]	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	17.42	17.45	17.40		
20	QPSK	1	49	17.37	17.32	17.35	19.1	0
20	QPSK	1	99	17.36	17.35	17.28		
20	QPSK	50	0	17.41	17.43	17.38		
20	QPSK	50	24	17.33	17.30	17.28	19.1	0
20	QPSK	50	50	17.34	17.32	17.32		
20	QPSK	100	0	17.40	17.41	17.38		
20	16QAM	1	0	17.36	17.36	17.32		
20	16QAM	1	49	17.33	17.28	17.36	19.1	0
20	16QAM	1	99	17.34	17.29	17.27		
20

Band 4_Ant 31

BW [MHz]	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	20.76	20.76	20.75		
20	QPSK	1	49	20.71	20.63	20.65	21.9	0
20	QPSK	1	99	20.63	20.67	20.59		
20	QPSK	50	0	20.75	20.76	20.73		
20	QPSK	50	24	20.61	20.64	20.61	21.9	0
20	QPSK	50	50	20.60	20.71	20.66		
20	QPSK	100	0	20.73	20.75	20.71		
20	16QAM	1	0	20.62	20.74	20.57		
20	16QAM	1	49	20.66	20.68	20.64	21.9	0
20	16QAM	1	99	20.65	20.72	20.64		
20	16QAM	50	0	20.59	20.68	20.63		
20	16QAM	50	24	20.61	20.61	20.67	21.9	0
20	16QAM	50	50	20.59	20.71	20.65		
20	16QAM	100	0	20.69	20.68	20.57		
20	64QAM	1	0	20.69	20.74	20.58		
20	64QAM	1	49	20.68	20.67	20.58	21.9	0
20	64QAM	1	99	20.69	20.72	20.64		
20	64QAM	50	0	20.70	20.67	20.65		
20	64QAM	50	24	20.72	20.70	20.61	21.9	0
20	64QAM	50	50	20.65	20.66	20.67		
20	64QAM	100	0	20.66	20.61	20.65		
20	256QAM	1	0	18.75	18.76	18.73		
20	256QAM	1	49	18.66	18.61	18.67	19.9	2
20	256QAM	1	99	18.66	18.73	18.72		
20	256QAM	50	0	18.64	18.68	18.59		
20	256QAM	50	24	18.67	18.66	18.67	19.9	2
20	256QAM	50	50	18.70	18.75	18.64		
20	256QAM	100	0	18.69	18.73	18.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.59	20.66	20.63		
15	QPSK	1	37	20.62	20.62	20.65	21.9	0
15	QPSK	1	74	20.65	20.60	20.61		
15	QPSK	36	0	20.66	20.66	20.63		
15	QPSK	36	20	20.59	20.71	20.57	21.9	0
15	QPSK	36	39	20.70	20.74	20.66		
15	QPSK	75	0	20.61	20.65	20.69		
15	16QAM	1	0	20.70	20.60	20.69		
15	16QAM	1	37	20.62	20.70	20.70	21.9	0
15	16QAM	1	74	20.62	20.61	20.67		
15	16QAM	36	0	20.69	20.60	20.63		
15	16QAM	36	20	20.60	20.64	20.70	21.9	0
15	16QAM	36	39	20.69	20.74	20.70		
15	16QAM	75	0	20.70	20.64	20.62		
15	64QAM	1	0	20.67	20.60	20.70		
15	64QAM	1	37	20.69	20.67	20.56	21.9	0
15	64QAM	1	74	20.62	20.74	20.64		
15	64QAM	36	0	20.62	20.72	20.60		
15	64QAM	36	20	20.69	20.73	20.69	21.9	0
15	64QAM	36	39	20.65	20.74	20.58		
15	64QAM	75	0	20.72	20.74	20.56		
15	256QAM	1	0	18.63	18.69	18.64		
15	256QAM	1	37	18.51	18.54	18.58	19.9	2
15	256QAM	1	74	18.56	18.63	18.68		
15	256QAM	36	0	18.58	18.55	18.58		
15	256QAM	36	20	18.63	18.51	18.56	19.9	2
15	256QAM	36	39	18.57	18.65	18.54		
15	256QAM	75	0	18.55	18.69	18.66		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.58	20.64	20.59		
10	QPSK	1	25	20.59	20.70	20.58	21.9	0
10	QPSK	1	49	20.67	20.66	20.60		
10	QPSK	25	0	20.67	20.65	20.67		
10	QPSK	25	12	20.72	20.63	20.69	21.9	0
10	QPSK	25	25	20.58	20.61	20.63		
10	QPSK	50	0	20.65	20.67	20.65		
10	16QAM	1	0	20.62	20.71	20.62		
10	16QAM	1	25	20.69	20.70	20.64	21.9	0
10	16QAM	1	49	20.71	20.64	20.60		
10	16QAM	25	0	20.71	20.65	20.63		
10	16QAM	25	12	20.65	20.70	20.63	21.9	0
10	16QAM	25	25	20.63	20.70	20.63		
10	16QAM	50	0	20.68	20.65	20.64		
10	64QAM	1	0	20.59	20.67	20.68		
10	64QAM	1	25	20.72	20.60	20.61	21.9	0
10	64QAM	1	49	20.60	20.66	20.64		
10	64QAM	25	0	20.63	20.64	20.65		
10	64QAM	25	12	20.68	20.69	20.60	21.9	0
10	64QAM	25	25	20.71	20.69	20.65		
10	64QAM	50	0	20.68	20.67	20.63		
10	256QAM	1	0	18.72	18.65	18.58		
10	256QAM	1	25	18.56	18.49	18.58	19.9	2
10	256QAM	1	49	18.51	18.69	18.64		
10	256QAM	25	0	18.59	18.61	18.57		
10	256QAM	25	12	18.57	18.65	18.64	19.9	2
10	256QAM	25	25	18.60	18.71	18.49		
10	256QAM	50	0	18.63	18.67	18.58		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.65	20.60	20.61		
5	QPSK	1	12	20.66	20.61	20.62	21.9	0
5	QPSK	1	24	20.59	20.63	20.60		
5	QPSK	12	0	20.63	20.73	20.68		
5	QPSK	12	7	20.67	20.64	20.59	21.9	0
5	QPSK	12	13	20.69	20.73	20.70		
5	QPSK	25	0	20.68	20.64	20.64		
5	16QAM	1	0	20.63	20.73	20.63		
5	16QAM	1	12	20.60	20.69	20.56	21.9	0
5	16QAM	1	24	20.71	20.62	20.61		
5	16QAM	12	0	20.65	20.73	20.70		
5	16QAM	12	7	20.69	20.67	20.58	21.9	0
5	16QAM	12	13	20.62	20.68	20.67		
5	16QAM	25	0	20.63	20.73	20.65		
5	64QAM	1	0	20.59	20.73	20.58		
5	64QAM	1	12	20.66	20.56	20.56	21.9	0
5	64QAM	1	24	20.65	20.68	20.60		
5	64QAM	12	0	20.69	20.71	20.62		
5	64QAM	12	7	20.62	20.64	20.62	21.9	0
5	64QAM	12	13	20.69	20.68	20.63		
5	64QAM	25	0	20.58	20.65	20.70		
5	256QAM	1	0	18.66	18.65	18.68		
5	256QAM	1	12	18.51	18.52	18.58	19.9	2
5	256QAM	1	24	18.62	18.72	18.57		
5	256QAM	12	0	18.63	18.54	18.54		
5	256QAM	12	7	18.64	18.65	18.55	19.9	2
5	256QAM	12	13	18.57	18.67	18.57		
5	256QAM	25	0	18.67	18.68	18.58		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.66	20.67	20.59		
3	QPSK	1	8	20.60	20.70	20.59	21.9	0
3	QPSK	1	14	20.61	20.68	20.58		
3	QPSK	8	0	20.68	20.60	20.70		
3	QPSK	8	4	20.58	20.65	20.60	21.9	0
3	QPSK	8	7	20.64	20.72	20.59		
3	QPSK	15	0	20.58	20.63	20.60		
3	16QAM	1	0	20.69	20.73	20.69		
3	16QAM	1	8	20.58	20.74	20.64	21.9	0
3	16QAM	1	14	20.67	20.61	20.57		
3	16QAM	8	0	20.64	20.72	20.62		
3	16QAM	8	4	20.58	20.68	20.57	21.9	0
3	16QAM	8	7	20.72	20.61	20.56		
3	16QAM	15	0	20.59	20.60	20.67		
3	64QAM	1	0	20.63	20.68	20.56		
3	64QAM	1	8	20.72	20.73	20.68	21.9	0
3	64QAM	1	14	20.60	20.71	20.58		
3	64QAM	8	0	20.59	20.61	20.59		
3	64QAM	8	4	20.70	20.74	20.60	21.9	0
3	64QAM	8	7	20.70	20.65	20.61		
3	64QAM	15	0	20.65	20.60	20.62		
3	256QAM	1	0	18.61	18.66	18.60		
3	256QAM	1	8	18.61	18.49	18.54	19.9	2
3	256QAM	1	14	18.60	18.60	18.67		
3	256QAM	8	0	18.59	18.58	18.58		
3	256QAM	8	4	18.66	18.57	18.54	19.9	2
3	256QAM	8	7	18.67	18.70	18.53		
3	256QAM	15	0	18.61	18.64	18.56		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.66	20.64	20.69		
1.4	QPSK	1	3	20.63	20.65	20.68		
1.4	QPSK	1	5	20.69	20.67	20.56	21.9	0
1.4	QPSK	3	0	20.65	20.63	20.65		
1.4	QPSK	3	1	20.67	20.73	20.60		
1.4	QPSK	3	3	20.63	20.61	20.62		
1.4	QPSK	6	0	20.61	20.74	20.60	21.9	0
1.4	16QAM	1	0	20.61	20.72	20.64		
1.4	16QAM	1	3	20.71	20.67	20.66	21.9	0
1.4	16QAM	1	5	20.67	20.74	20.66		
1.4	16QAM	3	0	20.70	20.63	20.70		
1.4	16QAM	3	1	20.69	20.66	20.67		
1.4	16QAM	3	3	20.59	20.63	20.68		
1.4	16QAM	6	0	20.70	20.64	20.69	21.9	0
1.4	64QAM	1	0	20.69	20.72	20.70		
1.4	64QAM	1	3	20.67	20.74	20.57		
1.4	64QAM	1	5	20.59	20.66	20.69	21.9	0
1.4	64QAM	3	0	20.70	20.61	20.56		
1.4	64QAM	3	1	20.59	20.66	20.63		
1.4	64QAM	3	3	20.61	20.69	20.62		
1.4	64QAM	6	0	20.69	20.71	20.67	21.9	0
1.4	256QAM	1	0	18.61	18.70	18.71		
1.4	256QAM	1	3	18.59	18.56	18.54		
1.4	256QAM	1	5	18.64	18.64	18.65	19.9	2
1.4	256QAM	3	0	18.53	18.59	18.57		
1.4	256QAM	3	1	18.57	18.52	18.64		
1.4	256QAM	3	3	18.68	18.63	18.49		
1.4	256QAM	6	0	18.57	18.63	18.66	19.9	2

Band 4_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.78	18.80	18.77		
20	QPSK	1	49	18.72	18.65	18.70	19.9	0
20	QPSK	1	99	18.73	18.72	18.71		
20	QPSK	50	0	18.77	18.78	18.75		
20	QPSK	50	24	18.67	18.65	18.70	19.9	0
20	QPSK	50	50	18.60	18.71	18.71		
20	QPSK	100	0	18.75	18.76	18.73		
20	16QAM	1	0	18.65	18.63	18.63		
20	16QAM	1	49	18.74	18.67	18.71	19.9	0
20	16QAM	1	99	18.70	18.61	18.61		
20	16QAM	50	0	18.68	18.68	18.66		
20	16QAM	50	24	18.65	18.65	18.61	19.9	0
20	16QAM	50	50	18.67	18.68	18.72		
20	16QAM	100	0	18.62	18.74	18.64		
20	64QAM	1	0	18.66	18.64	18.66		
20	64QAM	1	49	18.73	18.66	18.71	19.9	0
20	64QAM	1	99	18.61	18.73	18.61		
20	64QAM	50	0	18.67	18.67	18.63		
20	64QAM	50	24	18.65	18.74	18.65	19.9	0
20	64QAM	50	50	18.74	18.67	18.64		
20	64QAM	100	0	18.63	18.75	18.72		
20	256QAM	1	0	18.63	18.70	18.69		
20	256QAM	1	49	18.61	18.66	18.69	19.9	0
20	256QAM	1	99	18.62	18.68	18.68		
20	256QAM	50	0	18.61	18.63	18.67		
20	256QAM	50	24	18.63	18.63	18.65	19.9	0
20	256QAM	50	50	18.69	18.62	18.58		
20	256QAM	100	0	18.67	18.71	18.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.63	18.66	18.71		
15	QPSK	1	37	18.69	18.64	18.72	19.9	0
15	QPSK	1	74	18.62	18.70	18.69		
15	QPSK	36	0	18.61	18.68	18.67		
15	QPSK	36	20	18.63	18.68	18.60	19.9	0
15	QPSK	36	39	18.73	18.72	18.66		
15	QPSK	75	0	18.70	18.61	18.72		
15	16QAM	1	0	18.60	18.67	18.64		
15	16QAM	1	37	18.64	18.62	18.72	19.9	0
15	16QAM	1	74	18.69	18.72	18.58		
15	16QAM	36	0	18.65	18.67	18.62		
15	16QAM	36	20	18.69	18.72	18.66	19.9	0
15	16QAM	36	39	18.62	18.72	18.61		
15	16QAM	75	0	18.66	18.62	18.68		
15	64QAM	1	0	18.70	18.75	18.65		
15	64QAM	1	37	18.60	18.64	18.60	19.9	0
15	64QAM	1	74	18.63	18.64	18.67		
15	64QAM	36	0	18.65	18.75	18.58		
15	64QAM	36	20	18.72	18.67	18.69	19.9	0
15	64QAM	36	39	18.73	18.62	18.61		
15	64QAM	75	0	18.71	18.64	18.71		
15	256QAM	1	0	18.64	18.61	18.58		
15	256QAM	1	37	18.69	18.65	18.64	19.9	0
15	256QAM	1	74	18.68	18.69	18.66		
15	256QAM	36	0	18.73	18.72	18.68		
15	256QAM	36	20	18.63	18.75	18.69	19.9	0
15	256QAM	36	39	18.60	18.65	18.61		
15	256QAM	75	0	18.69	18.62	18.65		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.72	18.66	18.65		
10	QPSK	1	25	18.66	18.69	18.64	19.9	0
10	QPSK	1	49	18.62	18.68	18.72		
10	QPSK	25	0	18.72	18.61	18.65		
10	QPSK	25	12	18.64	18.65	18.63	19.9	0
10	QPSK	25	25	18.70	18.73	18.66		
10	QPSK	50	0	18.74	18.65	18.64		
10	16QAM	1	0	18.68	18.67	18.72		
10	16QAM	1	25	18.74	18.65	18.71	19.9	0
10	16QAM	1	49	18.74	18.68	18.66		
10	16QAM	25	0	18.70	18.67	18.64		
10	16QAM	25	12	18.73	18.67	18.65	19.9	0
10	16QAM	25	25	18.71	18.75	18.72		
10	16QAM	50	0	18.61	18.66	18.65		
10	64QAM	1	0	18.63	18.64	18.67		
10	64QAM	1	25	18.74	18.75	18.63	19.9	0
10	64QAM	1	49	18.71	18.67	18.71		
10	64QAM	25	0	18.70	18.73	18.71		
10	64QAM	25	12	18.73	18.69	18.59	19.9	0
10	64QAM	25	25	18.64	18.71	18.68		
10	64QAM	50	0	18.74	18.68	18.63		
10	256QAM	1	0	18.62	18.70	18.61		
10	256QAM	1	25	18.74	18.75	18.68	19.9	0
10	256QAM	1	49	18.72	18.71	18.60		
10	256QAM	25	0	18.65	18.65	18.59		
10	256QAM	25	12	18.72	18.71	18.64	19.9	0
10	256QAM	25	25	18.63	18.68	18.58		
10	256QAM	50	0	18.72	18.64	18.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.62	18.64	18.58		
5	QPSK	1	12	18.62	18.66	18.58	19.9	0
5	QPSK	1	24	18.65	18.65	18.60		
5	QPSK	12	0	18.63	18.73	18.61		
5	QPSK	12	7	18.60	18.63	18.69	19.9	0
5	QPSK	12	13	18.74	18.72	18.60		
5	QPSK	25	0	18.62	18.68	18.58		
5	16QAM	1	0	18.73	18.64	18.64		
5	16QAM	1	12	18.74	18.67	18.59	19.9	0
5	16QAM	1	24	18.66	18.62	18.66		
5	16QAM	12	0	18.68	18.65	18.66		
5	16QAM	12	7	18.63	18.73	18.68	19.9	0
5	16QAM	12	13	18.73	18.62	18.59		
5	16QAM	25	0	18.74	18.74	18.66		
5	64QAM	1	0	18.69	18.63	18.66		
5	64QAM	1	12	18.69	18.74	18.61	19.9	0
5	64QAM	1	24	18.65	18.66	18.62		
5	64QAM	12	0	18.69	18.71	18.61		
5	64QAM	12	7	18.63	18.73	18.65	19.9	0
5	64QAM	12	13	18.73	18.74	18.72		
5	64QAM	25	0	18.74	18.76	18.72		
5	256QAM	1	0	18.68	18.62	18.64		
5	256QAM	1	12	18.64	18.68	18.68	19.9	0
5	256QAM	1	24	18.63	18.75	18.66		
5	256QAM	12	0	18.65	18.64	18.65		
5	256QAM	12	7	18.74	18.73	18.60	19.9	0
5	256QAM	12	13	18.63	18.63	18.68		
5	256QAM	25	0	18.62	18.65	18.65		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.73	18.64	18.71		
3	QPSK	1	8	18.63	18.64	18.70	19.9	0
3	QPSK	1	14	18.62	18.63	18.60		
3	QPSK	8	0	18.60	18.73	18.64		
3	QPSK	8	4	18.64	18.66	18.67	19.9	0
3	QPSK	8	7	18.64	18.73	18.72		
3	QPSK	15	0	18.65	18.73	18.65		
3	16QAM	1	0	18.62	18.67	18.62		
3	16QAM	1	8	18.74	18.62	18.72	19.9	0
3	16QAM	1	14	18.63	18.72	18.68		
3	16QAM	8	0	18.65	18.62	18.69		
3	16QAM	8	4	18.61	18.74	18.63	19.9	0
3	16QAM	8	7	18.73	18.72	18.66		
3	16QAM	15	0	18.62	18.74	18.66		
3	64QAM	1	0	18.71	18.68	18.65		
3	64QAM	1	8	18.70	18.71	18.59	19.9	0
3	64QAM	1	14	18.72	18.71	18.72		
3	64QAM	8	0	18.72	18.72	18.65		
3	64QAM	8	4	18.68	18.72	18.70	19.9	0
3	64QAM	8	7	18.69	18.62	18.61		
3	64QAM	15	0	18.70	18.63	18.64		
3	256QAM	1	0	18.72	18.61	18.71		
3	256QAM	1	8	18.74	18.65	18.71	19.9	0
3	256QAM	1	14	18.67	18.61	18.70		
3	256QAM	8	0	18.62	18.67	18.63		
3	256QAM	8	4	18.69	18.71	18.69	19.9	0
3	256QAM	8	7	18.69	18.64	18.58		
3	256QAM	15	0	18.62	18.75	18.63		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.70	18.69	18.69		
1.4	QPSK	1	3	18.65	18.73	18.64		
1.4	QPSK	1	5	18.69	18.68	18.64	19.9	0
1.4	QPSK	3	0	18.73	18.64	18.70		
1.4	QPSK	3	1	18.68	18.64	18.65		
1.4	QPSK	3	3	18.69	18.73	18.66		
1.4	QPSK	6	0	18.71	18.68	18.62	19.9	0
1.4	16QAM	1	0	18.67	18.66	18.60		
1.4	16QAM	1	3	18.66	18.63	18.62	19.9	0
1.4	16QAM	1	5	18.64	18.74	18.61		
1.4	16QAM	3	0	18.69	18.75	18.68		
1.4	16QAM	3	1	18.73	18.64	18.64		
1.4	16QAM	3	3	18.73	18.66	18.65		
1.4	16QAM	6	0	18.67	18.75	18.68	19.9	0
1.4	64QAM	1	0	18.65	18.69	18.71		
1.4	64QAM	1	3	18.73	18.69	18.62	19.9	0
1.4	64QAM	1	5	18.63	18.67	18.67		
1.4	64QAM	3	0	18.63	18.63	18.72		
1.4	64QAM	3	1	18.68	18.61	18.71		
1.4	64QAM	3	3	18.70	18.73	18.71		
1.4	64QAM	6	0	18.60	18.64	18.67	19.9	0
1.4	256QAM	1	0	18.68	18.69	18.66		
1.4	256QAM	1	3	18.74	18.65	18.60		
1.4	256QAM	1	5	18.65	18.67	18.71	19.9	0
1.4	256QAM	3	0	18.66	18.68	18.60		
1.4	256QAM	3	1	18.74	18.69	18.64		
1.4	256QAM	3	3	18.65	18.72	18.58		
1.4	256QAM	6	0	18.60	18.71	18.61	19.9	0

Band 5_Ant 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.82	23.86	23.84		
10	QPSK	1	25	23.77	23.79	23.73	25	0
10	QPSK	1	49	23.81	23.73	23.81		
10	QPSK	25	0	22.83	22.85	22.84		
10	QPSK	25	12	22.76	22.80	22.74	24	1
10	QPSK	25	25	22.75	22.79	22.75		
10	QPSK	50	0	22.80	22.83	22.81		
10	16QAM	1	0	22.96	23.03	23.00		
10	16QAM	1	25	22.97

Band 7_Ant 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.78	15.80	15.77		
20	QPSK	1	49	15.73	15.73	15.61	16.7	0
20	QPSK	1	99	15.60	15.64	15.61		
20	QPSK	50	0	15.77	15.78	15.75		
20	QPSK	50	24	15.70	15.71	15.66	16.7	0
20	QPSK	50	50	15.71	15.61	15.72		
20	QPSK	100	0	15.75	15.76	15.73		
20	16QAM	1	0	15.69	15.74	15.64		
20	16QAM	1	49	15.68	15.71	15.62	16.7	0
20	16QAM	1	99	15.72	15.71	15.72		
20	16QAM	50	0	15.70	15.68	15.65		
20	16QAM	50	24	15.69	15.65	15.60	16.7	0
20	16QAM	50	50	15.71	15.71	15.64		
20	16QAM	100	0	15.71	15.67	15.61		
20	64QAM	1	0	15.67	15.69	15.69		
20	64QAM	1	49	15.66	15.72	15.70	16.7	0
20	64QAM	1	99	15.68	15.61	15.61		
20	64QAM	50	0	15.69	15.66	15.64		
20	64QAM	50	24	15.74	15.75	15.64	16.7	0
20	64QAM	50	50	15.60	15.64	15.60		
20	64QAM	100	0	15.64	15.74	15.66		
20	256QAM	1	0	15.63	15.66	15.68		
20	256QAM	1	49	15.71	15.68	15.62	16.7	0
20	256QAM	1	99	15.62	15.72	15.59		
20	256QAM	50	0	15.66	15.68	15.70		
20	256QAM	50	24	15.60	15.63	15.68	16.7	0
20	256QAM	50	50	15.72	15.63	15.63		
20	256QAM	100	0	15.62	15.63	15.59		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.60	15.70	15.70		
15	QPSK	1	37	15.60	15.61	15.68	16.7	0
15	QPSK	1	74	15.62	15.62	15.71		
15	QPSK	36	0	15.65	15.62	15.72		
15	QPSK	36	20	15.63	15.64	15.69	16.7	0
15	QPSK	36	39	15.68	15.63	15.68		
15	QPSK	75	0	15.60	15.75	15.61		
15	16QAM	1	0	15.65	15.67	15.70		
15	16QAM	1	37	15.74	15.62	15.62	16.7	0
15	16QAM	1	74	15.74	15.75	15.71		
15	16QAM	36	0	15.71	15.72	15.70		
15	16QAM	36	20	15.68	15.66	15.66	16.7	0
15	16QAM	36	39	15.73	15.73	15.71		
15	16QAM	75	0	15.60	15.61	15.59		
15	64QAM	1	0	15.62	15.64	15.63		
15	64QAM	1	37	15.67	15.74	15.71	16.7	0
15	64QAM	1	74	15.62	15.61	15.63		
15	64QAM	36	0	15.67	15.73	15.65		
15	64QAM	36	20	15.67	15.68	15.60	16.7	0
15	64QAM	36	39	15.62	15.62	15.70		
15	64QAM	75	0	15.74	15.75	15.61		
15	256QAM	1	0	15.69	15.61	15.60		
15	256QAM	1	37	15.72	15.70	15.64	16.7	0
15	256QAM	1	74	15.73	15.64	15.63		
15	256QAM	36	0	15.63	15.62	15.63		
15	256QAM	36	20	15.65	15.69	15.63	16.7	0
15	256QAM	36	39	15.63	15.63	15.66		
15	256QAM	75	0	15.71	15.69	15.64		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.62	15.75	15.63		
10	QPSK	1	25	15.66	15.72	15.59	16.7	0
10	QPSK	1	49	15.70	15.71	15.63		
10	QPSK	25	0	15.67	15.72	15.71		
10	QPSK	25	12	15.74	15.73	15.70	16.7	0
10	QPSK	25	25	15.63	15.63	15.66		
10	QPSK	50	0	15.62	15.62	15.68		
10	16QAM	1	0	15.72	15.69	15.65		
10	16QAM	1	25	15.70	15.69	15.58	16.7	0
10	16QAM	1	49	15.68	15.70	15.62		
10	16QAM	25	0	15.63	15.66	15.64		
10	16QAM	25	12	15.71	15.61	15.63	16.7	0
10	16QAM	25	25	15.67	15.70	15.59		
10	16QAM	50	0	15.71	15.68	15.70		
10	64QAM	1	0	15.64	15.70	15.69		
10	64QAM	1	25	15.65	15.63	15.66	16.7	0
10	64QAM	1	49	15.70	15.62	15.63		
10	64QAM	25	0	15.64	15.74	15.58		
10	64QAM	25	12	15.71	15.72	15.64	16.7	0
10	64QAM	25	25	15.71	15.64	15.66		
10	64QAM	50	0	15.72	15.66	15.69		
10	256QAM	1	0	15.64	15.71	15.70		
10	256QAM	1	25	15.61	15.65	15.66	16.7	0
10	256QAM	1	49	15.67	15.70	15.68		
10	256QAM	25	0	15.63	15.66	15.60		
10	256QAM	25	12	15.72	15.66	15.65	16.7	0
10	256QAM	25	25	15.71	15.65	15.65		
10	256QAM	50	0	15.69	15.73	15.69		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	15.71	15.61	15.66		
5	QPSK	1	12	15.66	15.75	15.67	16.7	0
5	QPSK	1	24	15.71	15.71	15.69		
5	QPSK	12	0	15.71	15.71	15.62		
5	QPSK	12	7	15.69	15.71	15.72	16.7	0
5	QPSK	12	13	15.61	15.70	15.66		
5	QPSK	25	0	15.72	15.73	15.71		
5	16QAM	1	0	15.72	15.67	15.70		
5	16QAM	1	12	15.62	15.69	15.59	16.7	0
5	16QAM	1	24	15.64	15.64	15.58		
5	16QAM	12	0	15.63	15.74	15.59		
5	16QAM	12	7	15.73	15.67	15.69	16.7	0
5	16QAM	12	13	15.67	15.71	15.66		
5	16QAM	25	0	15.70	15.65	15.59		
5	64QAM	1	0	15.67	15.74	15.62		
5	64QAM	1	12	15.67	15.72	15.67	16.7	0
5	64QAM	1	24	15.62	15.68	15.70		
5	64QAM	12	0	15.71	15.70	15.59		
5	64QAM	12	7	15.73	15.67	15.71	16.7	0
5	64QAM	12	13	15.67	15.67	15.67		
5	64QAM	25	0	15.61	15.64	15.68		
5	256QAM	1	0	15.68	15.72	15.70		
5	256QAM	1	12	15.66	15.64	15.70	16.7	0
5	256QAM	1	24	15.65	15.74	15.60		
5	256QAM	12	0	15.64	15.64	15.60		
5	256QAM	12	7	15.74	15.68	15.67	16.7	0
5	256QAM	12	13	15.63	15.68	15.66		
5	256QAM	25	0	15.68	15.71	15.64		

Band 7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.48	20.50	20.47		
20	QPSK	1	49	20.44	20.42	20.36	21.4	0
20	QPSK	1	99	20.36	20.44	20.35		
20	QPSK	50	0	20.47	20.48	20.45		
20	QPSK	50	24	20.42	20.44	20.30	21.4	0
20	QPSK	50	50	20.38	20.43	20.34		
20	QPSK	100	0	20.45	20.46	20.43		
20	16QAM	1	0	20.38	20.41	20.30		
20	16QAM	1	49	20.36	20.35	20.32	21.4	0
20	16QAM	1	99	20.35	20.32	20.28		
20	16QAM	50	0	20.36	20.31	20.29		
20	16QAM	50	24	20.40	20.42	20.28	21.4	0
20	16QAM	50	50	20.42	20.36	20.40		
20	16QAM	100	0	20.43	20.43	20.35		
20	64QAM	1	0	20.30	20.31	20.33		
20	64QAM	1	49	20.42	20.41	20.28	21.4	0
20	64QAM	1	99	20.40	20.36	20.38		
20	64QAM	50	0	20.33	20.31	20.38		
20	64QAM	50	24	20.31	20.31	20.36	21.4	0
20	64QAM	50	50	20.36	20.44	20.33		
20	64QAM	100	0	20.34	20.33	20.29		
20	256QAM	1	0	18.35	18.38	18.33		
20	256QAM	1	49	18.24	18.34	18.19	19.4	2
20	256QAM	1	99	18.31	18.28	18.18		
20	256QAM	50	0	18.23	18.36	18.30		
20	256QAM	50	24	18.26	18.28	18.19	19.4	2
20	256QAM	50	50	18.34	18.25	18.20		
20	256QAM	100	0	18.27	18.29	18.18		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.38	20.35	20.36		
15	QPSK	1	37	20.39	20.38	20.30	21.4	0
15	QPSK	1	74	20.35	20.44	20.34		
15	QPSK	36	0	20.35	20.42	20.42		
15	QPSK	36	20	20.32	20.39	20.38	21.4	0
15	QPSK	36	39	20.44	20.35	20.41		
15	QPSK	75	0	20.40	20.32	20.42		
15	16QAM	1	0	20.33	20.44	20.38		
15	16QAM	1	37	20.42	20.36	20.40	21.4	0
15	16QAM	1	74	20.36	20.40	20.40		
15	16QAM	36	0	20.33	20.31	20.41		
15	16QAM	36	20	20.41	20.36	20.37	21.4	0
15	16QAM	36	39	20.41	20.36	20.39		
15	16QAM	75	0	20.38	20.35	20.37		
15	64QAM	1	0	20.43	20.45	20.33		
15	64QAM	1	37	20.42	20.32	20.33	21.4	0
15	64QAM	1	74	20.44	20.33	20.36		
15	64QAM	36	0	20.44	20.37	20.35		
15	64QAM	36	20	20.44	20.40	20.30	21.4	0
15	64QAM	36	39	20.32	20.37	20.37		
15	64QAM	75	0	20.36	20.44	20.40		
15	256QAM	1	0	18.28	18.37	18.28		
15	256QAM	1	37	18.10	18.29	18.14	19.4	2
15	256QAM	1	74	18.24	18.16	18.03		
15	256QAM	36	0	18.20	18.32	18.18		
15	256QAM	36	20	18.23	18.24	18.11	19.4	2
15	256QAM	36	39	18.21	18.24	18.10		
15	256QAM	75	0	18.20	18.19	18.10		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.40	20.37	20.31		
10	QPSK	1	25	20.44	20.40	20.36	21.4	0
10	QPSK	1	49	20.30	20.31	20.38		
10	QPSK	25	0	20.35	20.44	20.36		
10	QPSK	25	12	20.37	20.33	20.37	21.4	0
10	QPSK	25	25	20.44	20.32	20.30		
10	QPSK	50	0	20.36	20.32	20.31		
10	16QAM	1	0	20.38	20.36	20.39		
10	16QAM	1	25	20.40	20.35	20.41	21.4	0
10	16QAM	1	49	20.38	20.38	20.32		
10	16QAM	25	0	20.31	20.45	20.39		
10	16QAM	25	12	20.30	20.44	20.39	21.4	0
10	16QAM	25	25	20.39	20.31	20.40		
10	16QAM	50	0	20.39	20.43	20.41		
10	64QAM	1	0	20.31	20.45	20.36		
10	64QAM	1	25	20.42	20.31	20.31	21.4	0
10	64QAM	1	49	20.36	20.36	20.40		
10	64QAM	25	0	20.37	20.33	20.39		
10	64QAM	25	12	20.35	20.39	20.42	21.4	0
10	64QAM	25	25	20.38	20.45	20.40		
10	64QAM	50	0	20.30	20.34	20.40		
10	256QAM	1	0	18.27	18.37	18.25		
10	256QAM	1	25	18.10	18.29	18.04	19.4	2
10	256QAM	1	49	18.17	18.27	18.08		
10	256QAM	25	0	18.15	18.26	18.26		
10	256QAM	25	12	18.24	18.17	18.06	19.4	2
10	256QAM	25	25	18.25	18.15	18.13		
10	256QAM	50	0	18.12	18.17	18.17		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.42	20.32	20.41		
5	QPSK	1	12	20.33	20.34	20.39	21.4	0
5	QPSK	1	24	20.38	20.40	20.40		
5	QPSK	12	0	20.32	20.41	20.29		
5	QPSK	12	7	20.38	20.36	20.28	21.4	0
5	QPSK	12	13	20.42	20.33	20.31		
5	QPSK	25	0	20.40	20.32	20.41		
5	16QAM	1	0	20.38	20.44	20.36		
5	16QAM	1	12	20.41	20.40	20.28	21.4	0
5	16QAM	1	24	20.36	20.39	20.29		
5	16QAM	12	0	20.32	20.37	20.38		
5	16QAM	12	7	20.31	20.39	20.40	21.4	0
5	16QAM	12	13	20.32	20.40	20.29		
5	16QAM	25	0	20.37	20.41	20.32		
5	64QAM	1	0	20.36	20.31	20.29		
5	64QAM	1	12	20.37	20.36	20.37	21.4	0
5	64QAM	1	24	20.32	20.34	20.41		
5	64QAM	12	0	20.41	20.43	20.34		
5	64QAM	12	7	20.32	20.38	20.42	21.4	0
5	64QAM	12	13	20.37	20.45	20.31		
5	64QAM	25	0	20.32	20.44	20.41		
5	256QAM	1	0	18.20	18.33	18.22		
5	256QAM	1	12	18.22	18.26	18.12	19.4	2
5	256QAM	1	24	18.16	18.24	18.08		
5	256QAM	12	0	18.16	18.29	18.21		
5	256QAM	12	7	18.12	18.21	18.09	19.4	2
5	256QAM	12	13	18.24	18.20	18.15		
5	256QAM	25	0	18.22	18.23	18.12		

Band 7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.86	17.88	17.85		
20	QPSK	1	49	17.72	17.77	17.80	18.9	0
20	QPSK	1	99	17.76	17.75	17.70		
20	QPSK	50	0	17.85	17.86	17.83		
20	QPSK	50	24	17.72	17.83	17.70	18.9	0
20	QPSK	50	50	17.71	17.82	17.71		
20	QPSK	100	0	17.83	17.85	17.81		
20	16QAM	1	0	17.82	17.83	17.72		
20	16QAM	1	49	17.73	17.77	17.69	18.9	0
20	16QAM	1	99	17.82	17.70	17.70		
20	16QAM	50	0	17.77	17.83	17.76		
20	16QAM	50	24	17.74	17.74	17.72	18.9	0
20	16QAM	50	50	17.72	17.77	17.74		
20	16QAM	100	0	17.73	17.84	17.79		
20	64QAM	1	0	17.80	17.71	17.78		
20	64QAM	1	49	17.76	17.78	17.74	18.9	0
20	64QAM	1	99	17.75	17.71	17.69		
20	64QAM	50	0	17.80	17.73	17.77		
20	64QAM	50	24	17.77	17.71	17.79	18.9	0
20	64QAM	50	50	17.69	17.77	17.78		
20	64QAM	100	0	17.79	17.83	17.68		
20	256QAM	1	0	17.68	17.70	17.72		
20	256QAM	1	49	17.68	17.70	17.69	18.9	0
20	256QAM	1	99	17.77	17.76	17.79		
20	256QAM	50	0	17.73	17.83	17.69		
20	256QAM	50	24	17.79	17.81	17.74	18.9	0
20	256QAM	50	50	17.75	17.70	17.74		
20	256QAM	100	0	17.68	17.82	17.76		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.71	17.79	17.68		
15	QPSK	1	37	17.82	17.82	17.78	18.9	0
15	QPSK	1	74	17.72	17.84	17.70		
15	QPSK	36	0	17.74	17.78	17.76		
15	QPSK	36	20	17.72	17.73	17.71	18.9	0
15	QPSK	36	39	17.71	17.77	17.71		
15	QPSK	75	0	17.81	17.72	17.78		
15	16QAM	1	0	17.80	17.74	17.78		
15	16QAM	1	37	17.78	17.80	17.75	18.9	0
15	16QAM	1	74	17.76	17.70	17.70		
15	16QAM	36	0	17.74	17.81	17.76		
15	16QAM	36	20	17.82	17.72	17.71	18.9	0
15	16QAM	36	39	17.74	17.82	17.70		
15	16QAM	75	0	17.75	17.79	17.77		
15	64QAM	1	0	17.81	17.82	17.66		
15	64QAM	1	37	17.73	17.79	17.80	18.9	0
15	64QAM	1	74	17.69	17.77	17.71		
15	64QAM	36	0	17.68	17.76	17.68		
15	64QAM	36	20	17.74	17.83	17.80	18.9	0
15	64QAM	36	39	17.68	17.77	17.77		
15	64QAM	75	0	17.82	17.84	17.73		
15	256QAM	1	0	17.80	17.71	17.67		
15	256QAM	1	37	17.75	17.76	17.72	18.9	0
15	256QAM	1	74	17.80	17.79	17.67		
15	256QAM	36	0	17.70	17.83	17.75		
15	256QAM	36	20	17.78	17.72	17.73	18.9	0
15	256QAM	36	39	17.74	17.70	17.69		
15	256QAM	75	0	17.76	17.78	17.74		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.76	17.76	17.76		
10	QPSK	1	25	17.74	17.78	17.67	18.9	0
10	QPSK	1	49	17.68	17.81	17.72		
10	QPSK	25	0	17.81	17.78	17.75		
10	QPSK	25	12	17.74	17.74	17.74	18.9	0
10	QPSK	25	25	17.73	17.79	17.69		
10	QPSK	50	0	17.77	17.72	17.67		
10	16QAM	1	0	17.68	17.74	17.75		
10	16QAM	1	25	17.71	17.78	17.71	18.9	0
10	16QAM	1	49	17.77	17.70	17.72		
10	16QAM	25	0	17.80	17.71	17.80		
10	16QAM	25	12	17.74	17.72	17.71	18.9	0
10	16QAM	25	25	17.75	17.79	17.66		
10	16QAM	50	0	17.79	17.84	17.78		
10	64QAM	1	0	17.81	17.70	17.68		
10	64QAM	1	25	17.82	17.77	17.79	18.9	0
10	64QAM	1	49	17.73	17.79	17.70		
10	64QAM	25	0	17.71	17.82	17.66		
10	64QAM	25	12	17.69	17.76	17.74	18.9	0
10	64QAM	25	25	17.68	17.80	17.74		
10	64QAM	50	0	17.72	17.70	17.74		
10	256QAM	1	0	17.74	17.81	17.77		
10	256QAM	1	25	17.69	17.78	17.71	18.9	0
10	256QAM	1	49	17.71	17.83	17.68		
10	256QAM	25	0	17.77	17.70	17.75		
10	256QAM	25	12	17.70	17.76	17.69	18.9	0
10	256QAM	25	25	17.72	17.83	17.76		
10	256QAM	50	0	17.64	17.84	17.71		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.74	17.84	17.70		
5	QPSK	1	12	17.82	17.72	17.80	18.9	0
5	QPSK	1	24	17.68	17.72	17.80		
5	QPSK	12	0	17.75	17.83	17.67		
5	QPSK	12	7	17.72	17.75	17.79	18.9	0
5	QPSK	12	13	17.68	17.71	17.75		
5	QPSK	25	0	17.71	17.79	17.66		
5	16QAM	1	0	17.77	17.84	17.70		
5	16QAM	1	12	17.71	17.73	17.80	18.9	0
5	16QAM	1	24	17.77	17.73	17.72		
5	16QAM	12	0	17.71	17.73	17.77		
5	16QAM	12	7	17.69	17.74	17.74	18.9	0
5	16QAM	12	13	17.74	17.72	17.76		
5	16QAM	25	0	17.81	17.79	17.71		
5	64QAM	1	0	17.72	17.72	17.74		
5	64QAM	1	12	17.73	17.77	17.71	18.9	0
5	64QAM	1	24	17.80	17.84	17.73		
5	64QAM	12	0	17.69	17.81	17.71		
5	64QAM	12	7	17.80	17.82	17.74	18.9	0
5	64QAM	12	13	17.75	17.83	17.67		
5	64QAM	25	0	17.81	17.76	17.69		
5	256QAM	1	0	17.79	17.84	17.69		
5	256QAM	1	12	17.76	17.82	17.76	18.9	0
5	256QAM	1	24	17.72	17.80	17.77		
5	256QAM	12	0	17.72	17.75	17.66		
5	256QAM	12	7	17.70	17.80	17.73	18.9	0
5	256QAM	12	13	17.70	17.72	17.67		
5	256QAM	25	0	17.74	17.81	17.76		

Band 12_Ant 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.83	23.85	23.81		
10	QPSK	1	25	23.74	23.72	23.71	24.7	0
10	QPSK	1	49	23.80	23.80	23.76		
10	QPSK	25	0	22.81	22.83	22.80		
10	QPSK	25	12	22.72	22.70	22.72	23.7	1
10	QPSK	25	25	22.73	22.76	22.72		
10	QPSK	50	0	22.78	22.80	22.77		
10	16QAM	1	0	22.88	22.95	22.97		
10	16QAM	1	25	22.96	22.96	22.92	23.7	1
10	16QAM	1

Band 12_Ant 31

BW [MHz]	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	24.00	24.07	24.03		
10	QPSK	1	25	23.87	23.93	23.85	25	0
10	QPSK	1	49	23.88	23.82	23.84		
10	QPSK	25	0	22.92	23.05	22.94		
10	QPSK	25	12	22.84	22.83	22.84	24	1
10	QPSK	25	25	22.88	22.89	22.85		
10	QPSK	50	0	22.84	23.01	22.89		
10	16QAM	1	0	22.59	23.41	22.80		
10	16QAM	1	25	23.39	22.74	23.17	24	1
10	16QAM	1	49	23.24	23.28	22.92		
10	16QAM	25	0	21.74	21.83	21.87		
10	16QAM	25	12	21.83	21.87	21.77	23	2
10	16QAM	25	25	21.86	21.88	21.84		
10	16QAM	50	0	21.77	21.88	21.82		
10	64QAM	1	0	22.00	22.11	21.58		
10	64QAM	1	25	21.88	22.10	21.93	23	2
10	64QAM	1	49	22.01	21.74	22.11		
10	64QAM	25	0	20.71	20.76	20.75		
10	64QAM	25	12	20.85	20.88	20.81	22	3
10	64QAM	25	25	20.89	20.81	20.88		
10	64QAM	50	0	20.85	20.85	20.81		
10	256QAM	1	0	18.89	18.90	18.86		
10	256QAM	1	25	18.85	18.86	18.77	20	5
10	256QAM	1	49	18.80	18.88	18.72		
10	256QAM	25	0	18.83	18.88	18.74		
10	256QAM	25	12	18.78	18.84	18.81	20	5
10	256QAM	25	25	18.81	18.78	18.80		
10	256QAM	50	0	18.85	18.78	18.73		
Channel				23205	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.99	23.98	23.90		
5	QPSK	1	12	23.74	23.84	23.72	25	0
5	QPSK	1	24	23.73	23.78	23.77		
5	QPSK	12	0	22.83	23.04	22.81		
5	QPSK	12	7	22.76	22.76	22.79	24	1
5	QPSK	12	13	22.82	22.79	22.75		
5	QPSK	25	0	22.60	22.99	22.76		
5	16QAM	1	0	22.57	23.27	22.76		
5	16QAM	1	12	23.16	22.64	23.08	24	1
5	16QAM	1	24	23.16	23.22	22.84		
5	16QAM	12	0	21.67	21.80	21.75		
5	16QAM	12	7	21.69	21.76	21.74	23	2
5	16QAM	12	13	21.75	21.81	21.71		
5	16QAM	25	0	21.69	21.76	21.72		
5	64QAM	1	0	21.90	22.08	21.50		
5	64QAM	1	12	21.82	22.00	21.92	23	2
5	64QAM	1	24	21.91	21.71	22.00		
5	64QAM	12	0	20.56	20.73	20.73		
5	64QAM	12	7	20.72	20.74	20.77	22	3
5	64QAM	12	13	20.78	20.79	20.81		
5	64QAM	25	0	20.71	20.76	20.78		
5	256QAM	1	0	18.87	18.82	18.80		
5	256QAM	1	12	18.77	18.84	18.67	20	5
5	256QAM	1	24	18.67	18.85	18.70		
5	256QAM	12	0	18.71	18.83	18.63		
5	256QAM	12	7	18.73	18.74	18.66	20	5
5	256QAM	12	13	18.78	18.68	18.68		
5	256QAM	25	0	18.81	18.68	18.61		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.87	24.03	23.96		
3	QPSK	1	8	23.74	23.88	23.72	25	0
3	QPSK	1	14	23.77	23.77	23.81		
3	QPSK	8	0	22.78	22.90	22.87		
3	QPSK	8	4	22.75	22.79	22.73	24	1
3	QPSK	8	7	22.86	22.76	22.75		
3	QPSK	15	0	22.73	22.92	22.83		
3	16QAM	1	0	22.54	23.39	22.75		
3	16QAM	1	8	23.26	22.68	23.16	24	1
3	16QAM	1	14	23.13	23.21	22.82		
3	16QAM	8	0	21.70	21.79	21.74		
3	16QAM	8	4	21.70	21.78	21.69	23	2
3	16QAM	8	7	21.75	21.77	21.79		
3	16QAM	15	0	21.68	21.77	21.75		
3	64QAM	1	0	21.96	21.98	21.51		
3	64QAM	1	8	21.81	22.04	21.91	23	2
3	64QAM	1	14	21.97	21.72	22.00		
3	64QAM	8	0	20.70	20.75	20.60		
3	64QAM	8	4	20.73	20.73	20.77	22	3
3	64QAM	8	7	20.76	20.75	20.74		
3	64QAM	15	0	20.73	20.77	20.76		
3	256QAM	1	0	18.88	18.78	18.72		
3	256QAM	1	8	18.70	18.82	18.67	20	5
3	256QAM	1	14	18.77	18.79	18.65		
3	256QAM	8	0	18.78	18.82	18.69		
3	256QAM	8	4	18.73	18.79	18.78	20	5
3	256QAM	8	7	18.69	18.72	18.73		
3	256QAM	15	0	18.70	18.71	18.67		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.91	23.92	23.98		
1.4	QPSK	1	3	23.82	23.79	23.81		
1.4	QPSK	1	5	23.87	23.70	23.83	25	0
1.4	QPSK	3	0	23.99	23.93	23.89		
1.4	QPSK	3	1	23.85	23.82	23.70		
1.4	QPSK	3	3	23.75	23.80	23.69		
1.4	QPSK	6	0	22.81	22.94	22.82	24	1
1.4	16QAM	1	0	22.81	22.68	22.73		
1.4	16QAM	1	3	22.84	22.78	22.71		
1.4	16QAM	1	5	22.72	22.97	22.82	24	1
1.4	16QAM	3	0	22.53	23.39	22.78		
1.4	16QAM	3	1	23.14	22.63	23.10		
1.4	16QAM	3	3	23.16	23.19	22.87		
1.4	16QAM	6	0	21.62	21.77	21.85	23	2
1.4	64QAM	1	0	21.77	21.72	21.70		
1.4	64QAM	1	3	21.80	21.75	21.76		
1.4	64QAM	1	5	21.74	21.82	21.80	23	2
1.4	64QAM	3	0	21.91	22.00	21.47		
1.4	64QAM	3	1	21.78	21.95	21.86		
1.4	64QAM	3	3	21.87	21.65	22.02		
1.4	64QAM	6	0	20.69	20.63	20.70	22	3
1.4	256QAM	1	0	18.82	18.80	18.80		
1.4	256QAM	1	3	18.72	18.71	18.70		
1.4	256QAM	1	5	18.72	18.76	18.69	20	5
1.4	256QAM	3	0	18.82	18.76	18.65		
1.4	256QAM	3	1	18.76	18.70	18.74		
1.4	256QAM	3	3	18.74	18.75	18.79		
1.4	256QAM	6	0	18.72	18.75	18.70	20	5

Band 13_Ant 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		23.56			
10	QPSK	1	25		23.32		24.7	0
10	QPSK	1	49		23.36			
10	QPSK	25	0		22.56			
10	QPSK	25	12		22.31		23.7	1
10	QPSK	25	25		22.29			
10	QPSK	50	0		22.50			
10	16QAM	1	0		22.51			
10	16QAM	1	25		22.53		23.7	1
10	16QAM	1	49		22.52			
10	16QAM	25	0		21.26			
10	16QAM	25	12		21.29		22.7	2
10	16QAM	25	25		21.26			
10	16QAM	50	0		21.28			
10	64QAM	1	0		21.41			
10	64QAM	1	25		21.47		22.7	2
10	64QAM	1	49		21.49			
10	64QAM	25	0		20.24			
10	64QAM	25	12		20.28		21.7	3
10	64QAM	25	25		20.26			
10	64QAM	50	0		20.26			
10	256QAM	1	0		18.37			
10	256QAM	1	25		18.30		19.7	5
10	256QAM	1	49		18.31			
10	256QAM	25	0		18.24			
10	256QAM	25	12		18.23		19.7	5
10	256QAM	25	25		18.24			
10	256QAM	50	0		18.31			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.48	23.55		
5	QPSK	1	12	23.24	23.24	23.20	24.7	0
5	QPSK	1	24	23.33	23.21	23.23		
5	QPSK	12	0	22.46	22.42	22.51		
5	QPSK	12	7	22.22	22.29	22.16	23.7	1
5	QPSK	12	13	22.21	22.20	22.18		
5	QPSK	25	0	22.47	22.49	22.43		
5	16QAM	1	0	22.40	22.50	22.42		
5	16QAM	1	12	22.38	22.40	22.39	23.7	1
5	16QAM	1	24	22.43	22.48	22.45		
5	16QAM	12	0	21.20	21.23	21.23		
5	16QAM	12	7	21.26	21.25	21.22	22.7	2
5	16QAM	12	13	21.18	21.17	21.25		
5	16QAM	25	0	21.20	21.25	21.20		
5	64QAM	1	0	21.28	21.37	21.27		
5	64QAM	1	12	21.45	21.38	21.44	22.7	2
5	64QAM	1	24	21.43	21.38	21.39		
5	64QAM	12	0	20.20	20.15	20.19		
5	64QAM	12	7	20.17	20.15	20.15	21.7	3
5	64QAM	12	13	20.25	20.23	20.20		
5	64QAM	25	0	20.24	20.24	20.17		
5	256QAM	1	0	18.30	18.26	18.33		
5	256QAM	1	12	18.22	18.17	18.25	19.7	5
5	256QAM	1	24	18.22	18.27	18.30		
5	256QAM	12	0	18.14	18.15	18.12		
5	256QAM	12	7	18.18	18.11	18.22	19.7	5
5	256QAM	12	13	18.11	18.10	18.12		
5	256QAM	25	0	18.20	18.27	18.27		

Band 13_Ant 31

BW [MHz]	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		23.65			
10	QPSK	1	25		23.57		25	0
10	QPSK	1	49		23.56			
10	QPSK	25	0		22.63			
10	QPSK	25	12		22.60		24	1
10	QPSK	25	25		22.54			
10	QPSK	50	0		22.60			
10	16QAM	1	0		22.57			
10	16QAM	1	25		22.54		24	1
10	16QAM	1	49		22.69			
10	16QAM	25	0		21.50			
10	16QAM	25	12		21.54		23	2
10	16QAM	25	25		21.59			
10	16QAM	50	0		21.50			
10	64QAM	1	0		21.87			
10	64QAM	1	25		21.56		23	2
10	64QAM	1	49		21.42			
10	64QAM	25	0		20.47			
10	64QAM	25	12		20.54		22	3
10	64QAM	25	25		20.45			
10	64QAM	50	0		20.56			
10	256QAM	1	0		18.58			
10	256QAM	1	25		18.48		20	5
10	256QAM	1	49		18.52			
10	256QAM	25	0		18.43			
10	256QAM	25	12		18.44		20	5
10	256QAM	25	25		18.46			
10	256QAM	50	0		18.46			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.51	23.63	23.55		
5	QPSK	1	12	23.54	23.45	23.56	25	0
5	QPSK	1	24	23.50	23.51	23.49		
5	QPSK	12	0	22.55	22.52	22.56		
5	QPSK	12	7	22.55	22.50	22.51	24	1
5	QPSK	12	13	22.48	22.45	22.45		
5	QPSK	25	0	22.53	22.47	22.45		
5	16QAM	1	0	22.56	22.43	22.50		
5	16QAM	1	12	22.46	22.40	22.51	24	1
5	16QAM	1	24	22.56	22.64	22.59		
5	16QAM	12	0	21.47	21.38	21.42		
5	16QAM	12	7	21.42	21.40	21.45	23	2
5	16QAM	12	13	21.49	21.52	21.54		
5	16QAM	25	0	21.38	21.43	21.36		
5	64QAM	1	0	21.76	21.78	21.72		
5	64QAM	1	12	21.49	21.54	21.53	23	2
5	64QAM	1	24	21.34	21.37	21.28		
5	64QAM	12	0	20.43	20.38	20.40		
5	64QAM	12	7	20.51	20.45	20.39	22	3
5	64QAM	12	13	20.33	20.39	20.38		
5	64QAM	25	0	20.52	20.42	20.47		
5	256QAM	1	0	18.49	18.45	18.46		
5	256QAM	1	12	18.33	18.36	18.46	20	5
5	256QAM	1	24	18.47	18.40	18.45		
5	256QAM	12	0	18.33	18.41	18.35		
5	256QAM	12	7	18.40	18.43	18.32	20	5
5	256QAM	12	13	18.40	18.40	18.36		
5	256QAM	25	0	18.32	18.40	18.32		

Band 17_Ant 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.78	23.80	23.75		
10	QPSK	1	25	23.70	23.69	23.69	24.7	0
10	QPSK	1	49	23.75	23.77	23.73		
10	QPSK	25	0	22.76	22.78	22.73		
10	QPSK	25	12	22.65	22.66	22.65	23.7	1
10	QPSK	25	25	22.69	22.69	22.68		
10	QPSK	50	0	22.73	22.75	22.71		
10	16QAM	1	0	22.83	22.86	22.86		
10	16QAM	1	25	22.89	22.88	22.82	23.7	1
10	16QAM	1	49	22.96	22.95	22.93		
10	16QAM	25	0	21.63	21.64	21.62		
10	16QAM	25	12	21.64	21.62	21.62	22.7	2
10	16QAM	25	25	21.68	21.66	21.67		
10	16QAM	50	0	21.66	21.65	21.65		
10	64QAM	1	0	21.72	21.79	21.76		
10	64QAM	1	25	21.76	21.78	21.79	22.7	2
10	64QAM	1	49	21.85	21.85	21.85		
10	64QAM	25	0	20.61	20.62	20.63		
10	64QAM	25	12	20.63	20.62	20.63	21.7	3
10	64QAM	25	25	20.67	20.66	20.66		
10	64QAM	50	0	20.64	20.65	20.64		
10	256QAM	1	0	18.68	18.70	18.67		
10	256QAM	1	25	18.64	18.66	18.54	19.7	5
10	256QAM	1	49	18.63	18.55	18.63		
10	256QAM	25	0	18.63	18.65	18.61		
10	256QAM	25	12	18.60	18.55	18.61	19.7	5
10	256QAM	25	25	18.63	18.59	18.55		
10	256QAM	50	0	18.61	18.67	18.66		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.74	23.73	23.71		
5	QPSK	1	12	23.67	23.59	23.61	24.7	0
5	QPSK	1	24	23.71	23.76	23.66		
5	QPSK	12	0	22.67	22.63	22.60		
5	QPSK	12	7	22.62	22.57	22.64	23.7	1
5	QPSK	12	13	22.59	22.64	22.59		
5	QPSK	25	0	22.61	22.69	22.67		
5	16QAM	1	0	22.75	22.81	22.81		
5	16QAM	1	12	22.87	22.74	22.76	23.7	1
5	16QAM	1	24	22.89	22.91	22.79		
5	16QAM	12	0	21.61	21.54	21.57		
5	16QAM	12	7	21.62	21.56	21.47	22.7	2
5	16QAM	12	13	21.64	21.57	21.64		
5	16QAM	25	0	21.55	21.57	21.60		
5	64QAM	1	0	21.69	21.77	21.61		
5	64QAM	1	12	21.67	21.69	21.73	22.7	2
5	64QAM	1	24	21.75	21.77	21.79		
5	64QAM	12	0	20.60	20.59	20.52		
5	64QAM	12	7	20.55	20.61	20.50	21.7	3
5	64QAM	12	13	20.62	20.55	20.52		
5	64QAM	25	0	20.60	20.57	20.57		
5	256QAM	1	0	18.54	18.56	18.66		
5	256QAM	1	12	18.61	18.55	18.50	19.7	5
5	256QAM	1	24	18.58	18.43	18.50		
5	256QAM	12	0	18.49	18.53	18.59		
5	256QAM	12	7	18.56	18.46	18.48	19.7	5
5	256QAM	12	13	18.54	18.55	18.46		
5	256QAM	25	0	18.48	18.59	18.57		

Band 17_Ant 31

BW [MHz]	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	24.01	24.03	23.99	25	0
10	QPSK	1	25	24.00	23.90	23.97		
10	QPSK	1	49	23.98	23.99	23.94		
10	QPSK	25	0	22.95	23.00	22.93	24	1
10	QPSK	25	12	22.92	22.92	22.91		
10	QPSK	25	25	22.94	22.90	22.93		
10	QPSK	50	0	22.95	22.97	22.93		
10	16QAM	1	0	23.09	22.95	22.95	24	1
10	16QAM	1	25	23.25	23.01	23.26		
10	16QAM	1	49	23.06	23.14	23.42		
10	16QAM	25	0	21.82	21.83	21.92	23	2
10	16QAM	25	12	21.90	21.88	21.93		
10	16QAM	25	25	21.95	21.97	21.90		
10	16QAM	50	0	21.90	21.90	21.86		
10	64QAM	1	0	22.16	22.16	21.70	23	2
10	64QAM	1	25	22.18	21.89	22.18		
10	64QAM	1	49	22.25	22.28	22.24		
10	64QAM	25	0	20.82	20.88	20.85	22	3
10	64QAM	25	12	20.90	20.85	20.81		
10	64QAM	25	25	20.91	20.86	20.93		
10	64QAM	50	0	20.91	20.93	20.85		
10	256QAM	1	0	18.87	18.90	18.85	20	5
10	256QAM	1	25	18.86	18.84	18.81		
10	256QAM	1	49	18.82	18.87	18.83		
10	256QAM	25	0	18.76	18.85	18.81	20	5
10	256QAM	25	12	18.76	18.85	18.76		
10	256QAM	25	25	18.86	18.80	18.79		
10	256QAM	50	0	18.79	18.89	18.77		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.89	24.01	23.87	25	0
5	QPSK	1	12	23.86	23.77	23.88		
5	QPSK	1	24	23.87	23.88	23.79		
5	QPSK	12	0	22.90	22.92	22.85	24	1
5	QPSK	12	7	22.77	22.86	22.78		
5	QPSK	12	13	22.84	22.88	22.81		
5	QPSK	25	0	22.90	22.95	22.88		
5	16QAM	1	0	23.03	22.93	22.87	24	1
5	16QAM	1	12	23.13	22.91	23.12		
5	16QAM	1	24	22.97	23.05	23.39		
5	16QAM	12	0	21.79	21.82	21.89	23	2
5	16QAM	12	7	21.87	21.83	21.82		
5	16QAM	12	13	21.86	21.85	21.82		
5	16QAM	25	0	21.79	21.87	21.75		
5	64QAM	1	0	22.12	22.04	21.55	23	2
5	64QAM	1	12	22.13	21.78	22.13		
5	64QAM	1	24	22.17	22.14	22.19		
5	64QAM	12	0	20.75	20.84	20.77	22	3
5	64QAM	12	7	20.75	20.83	20.80		
5	64QAM	12	13	20.79	20.76	20.81		
5	64QAM	25	0	20.80	20.82	20.75		
5	256QAM	1	0	18.77	18.79	18.80	20	5
5	256QAM	1	12	18.72	18.71	18.67		
5	256QAM	1	24	18.70	18.79	18.68		
5	256QAM	12	0	18.65	18.71	18.71	20	5
5	256QAM	12	7	18.67	18.76	18.70		
5	256QAM	12	13	18.78	18.75	18.71		
5	256QAM	25	0	18.65	18.81	18.65		

Band 26_Ant 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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.67	23.74	23.66	24.7	0
15	QPSK	1	37	23.57	23.60	23.63		
15	QPSK	1	74	23.61	23.57	23.58		
15	QPSK	36	0	22.65	22.73	22.63	23.7	1
15	QPSK	36	20	22.56	22.52	22.56		
15	QPSK	36	39	22.57	22.52	22.53		
15	QPSK	75	0	22.63	22.68	22.60		
15	16QAM	1	0	22.66	22.76	22.80	23.7	1
15	16QAM	1	37	22.74	22.84	22.80		
15	16QAM	1	74	22.76	22.84	22.79		
15	16QAM	36	0	21.51	21.52	21.57	22.7	2
15	16QAM	36	20	21.57	21.56	21.56		
15	16QAM	36	39	21.56	21.52	21.52		
15	16QAM	75	0	21.53	21.57	21.57		
15	64QAM	1	0	21.57	21.65	21.74	22.7	2
15	64QAM	1	37	21.69	21.71	21.75		
15	64QAM	1	74	21.71	21.72	21.68		
15	64QAM	36	0	20.54	20.56	20.59	21.7	3
15	64QAM	36	20	20.58	20.57	20.59		
15	64QAM	36	39	20.58	20.57	20.56		
15	64QAM	75	0	20.54	20.56	20.56		
15	256QAM	1	0	18.63	18.65	18.61	19.7	5
15	256QAM	1	37	18.61	18.58	18.53		
15	256QAM	1	74	18.58	18.62	18.58		
15	256QAM	36	0	18.60	18.52	18.49	19.7	5
15	256QAM	36	20	18.60	18.63	18.46		
15	256QAM	36	39	18.53	18.53	18.57		
15	256QAM	75	0	18.61	18.64	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.56	23.66	23.63	24.7	0
10	QPSK	1	25	23.46	23.55	23.56		
10	QPSK	1	49	23.46	23.47	23.47		
10	QPSK	25	0	22.58	22.62	22.61	23.7	1
10	QPSK	25	12	22.46	22.51	22.41		
10	QPSK	25	25	22.56	22.39	22.47		
10	QPSK	50	0	22.52	22.67	22.55		
10	16QAM	1	0	22.55	22.67	22.76	23.7	1
10	16QAM	1	25	22.61	22.74	22.74		
10	16QAM	1	49	22.68	22.81	22.74		
10	16QAM	25	0	21.38	21.40	21.52	22.7	2
10	16QAM	25	12	21.53	21.53	21.50		
10	16QAM	25	25	21.47	21.50	21.48		
10	16QAM	50	0	21.43	21.48	21.47		
10	64QAM	1	0	21.49	21.64	21.59	22.7	2
10	64QAM	1	25	21.56	21.58	21.65		
10	64QAM	1	49	21.60	21.63	21.63		
10	64QAM	25	0	20.41	20.49	20.48	21.7	3
10	64QAM	25	12	20.54	20.49	20.48		
10	64QAM	25	25	20.48	20.46	20.51		
10	64QAM	50	0	20.51	20.51	20.43		
10	256QAM	1	0	18.57	18.57	18.55	19.7	5
10	256QAM	1	25	18.47	18.43	18.38		
10	256QAM	1	49	18.53	18.56	18.54		
10	256QAM	25	0	18.57	18.41	18.38	19.7	5
10	256QAM	25	12	18.55	18.48	18.36		
10	256QAM	25	25	18.45	18.40	18.45		
10	256QAM	50	0	18.47	18.56	18.34		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.58	23.69	23.53	24.7	0
5	QPSK	1	12	23.51	23.54	23.54		
5	QPSK	1	24	23.54	23.42	23.49		
5	QPSK	12	0	22.64	22.63	22.54	23.7	1
5	QPSK	12	7	22.45	22.45	22.48		
5	QPSK	12	13	22.45	22.43	22.38		
5	QPSK	25	0	22.56	22.60	22.47		
5	16QAM	1	0	22.59	22.67	22.66	23.7	1
5	16QAM	1	12	22.69	22.75	22.71		
5	16QAM	1	24	22.71	22.81	22.68		
5	16QAM	12	0	21.37	21.42	21.47	22.7	2
5	16QAM	12	7	21.44	21.52	21.53		
5	16QAM	12	13	21.47	21.51	21.45		
5	16QAM	25	0	21.44	21.55	21.47		
5	64QAM	1	0	21.42	21.61	21.69	22.7	2
5	64QAM	1	12	21.58	21.70	21.70		
5	64QAM	1	24	21.67	21.58	21.55		
5	64QAM	12	0	20.53	20.43	20.51	21.7	3
5	64QAM	12	7	20.52	20.53	20.47		
5	64QAM	12	13	20.52	20.46	20.48		
5	64QAM	25	0	20.41	20.45	20.51		
5	256QAM	1	0	18.53	18.64	18.60	19.7	5
5	256QAM	1	12	18.51	18.56	18.42		
5	256QAM	1	24	18.44	18.58	18.52		
5	256QAM	12	0	18.55	18.48	18.37	19.7	5
5	256QAM	12	7	18.45	18.55	18.43		
5	256QAM	12	13	18.48	18.42	18.48		
5	256QAM	25	0	18.60	18.51	18.41		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.52	23.61	23.64	24.7	0
3	QPSK	1	8	23.50	23.45	23.57		
3	QPSK	1	14	23.54	23.43	23.46		
3	QPSK	8	0	22.61	22.61	22.51	23.7	1
3	QPSK	8	4	22.42	22.53	22.41		
3	QPSK	8	7	22.43	22.46	22.48		
3	QPSK	15	0	22.57	22.66	22.55		
3	16QAM	1	0	22.52	22.65	22.65	23.7	1
3	16QAM	1	8	22.67	22.76	22.72		
3	16QAM	1	14	22.65	22.73	22.78		
3	16QAM	8	0	21.50	21.45	21.45	22.7	2
3	16QAM	8	4	21.49	21.45	21.54		
3	16QAM	8	7	21.45	21.44	21.42		
3	16QAM	15	0	21.51	21.46	21.46		
3	64QAM	1	0	21.45	21.54	21.61	22.7	2
3	64QAM	1	8	21.58	21.54	21.74		
3	64QAM	1	14	21.56	21.71	21.56		
3	64QAM	8	0	20.47	20.55	20.54	21.7	3
3	64QAM	8	4	20.51	20.52	20.54		
3	64QAM	8	7	20.54	20.52	20.42		
3	64QAM	15	0	20.42	20.50	20.55		
3	256QAM	1	0	18.59	18.53	18.57	19.7	5
3	256QAM	1	8	18.53	18.45	18.48		
3	256QAM	1	14	18.50	18.49	18.51		
3	256QAM	8	0	18.58	18.46	18.48	19.7	5
3	256QAM	8	4	18.57	18.52	18.43		
3	256QAM	8	7	18.42	18.40	18.56		
3	256QAM	15	0	18.55	18.53	18.43		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.73	23.52	24.7	0
1.4	QPSK	1	3	23.54	23.46	23.54		
1.4	QPSK	1	5	23.46	23.53	23.43		
1.4	QPSK	3	0	23.65	23.64	23.55		
1.4	QPSK	3	1	23.47	23.51	23.55		
1.4	QPSK	3	3	23.52	23.55	23.54		
1.4	QPSK	6	0	22.50	22.66	22.60	23.7	1
1.4	16QAM	1	0	22.54	22.44	22.47	23.7	1
1.4	16QAM	1	3	22.55	22.48	22.38		
1.4	16QAM	1	5	22.51	22.63	22.55		
1.4	16QAM	3	0	22.52	22.70	22.67		
1.4	16QAM	3	1	22.63	22.73	22.67		
1.4	16QAM	3	3	22.69	22.72	22.78		
1.4	16QAM	6	0	21.50	21.45	21.43	22.7	2
1.4	64QAM	1	0	21.55	21.44	21.47	22.7	2
1.4	64QAM	1	3	21.52	21.39	21.42		
1.4	64QAM	1	5	21.49	21.46	21.42		
1.4	64QAM	3	0	21.53	21.62	21.63		
1.4	64QAM	3	1	21.57	21.60	21.65		
1.4	64QAM	3	3	21.59	21.61	21.57		
1.4	64QAM	6	0	20.41	20.48	20.44	21.7	3
1.4	256QAM	1	0	18.61	18.58	18.48	19.7	5
1.4	256QAM	1	3	18.57	18.47	18.43		
1.4	256QAM	1	5	18.55	18.57	18.47		
1.4	256QAM	3	0	18.47	18.46	18.42		
1.4	256QAM	3	1	18.45	18.51	18.45		
1.4	256QAM	3	3	18.42	18.51	18.50		
1.4	256QAM	6	0	18.47	18.53	18.43	19.7	5

Band 26_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.63	23.69	23.65	25	0
15	QPSK	1	37	23.62	23.60	23.60		
15	QPSK	1	74	23.55	23.64	23.56		
15	QPSK	36	0	22.63	22.68	22.64	24	1
15	QPSK	36	20	22.60	22.56	22.63		
15	QPSK	36	39	22.61	22.61	22.60		
15	QPSK	75	0	22.62	22.65	22.62		
15	16QAM	1	0	23.00	22.66	22.58	24	1
15	16QAM	1	37	23.00	22.77	23.11		
15	16QAM	1	74	22.61	22.55	22.62		
15	16QAM	36	0	21.64	21.59	21.59	23	2
15	16QAM	36	20	21.70	21.64	21.63		
15	16QAM	36	39	21.62	21.57	21.59		
15	16QAM	75	0	21.62	21.64	21.67		
15	64QAM	1	0	21.84	21.55	22.00	23	2
15	64QAM	1	37	21.65	21.73	21.92		
15	64QAM	1	74	21.86	21.69	21.43		
15	64QAM	36	0	20.64	20.60	20.67	22	3
15	64QAM	36	20	20.67	20.66	20.66		
15	64QAM	36	39	20.60	20.59	20.59		
15	64QAM	75	0	20.61	20.60	20.64		
15	256QAM	1	0	18.63	18.65	18.61	20	5
15	256QAM	1	37	18.54	18.51	18.49		
15	256QAM	1	74	18.56	18.64	18.54		
15	256QAM	36	0	18.51	18.62	18.48	20	5
15	256QAM	36	20	18.51	18.59	18.49		
15	256QAM	36	39	18.60	18.55	18.56		
15	256QAM	75	0	18.59	18.62	18.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.62	23.58	23.52	25	0
10	QPSK	1	25	23.47	23.48	23.51		
10	QPSK	1	49	23.50	23.51	23.45		
10	QPSK	25	0	22.62	22.64	22.61	24	1
10	QPSK	25	12	22.45	22.46	22.60		
10	QPSK	25	25	22.52	22.54	22.52		
10	QPSK	50	0	22.51	22.64	22.54		
10	16QAM	1	0	22.51	22.59	22.56	24	1
10	16QAM	1	25	22.98	22.71	22.99		
10	16QAM	1	49	22.48	22.51	22.48		
10	16QAM	25	0	21.50	21.46	21.51	23	2
10	16QAM	25	12	21.63	21.56	21.56		
10	16QAM	25	25	21.53	21.53	21.58		
10	16QAM	50	0	21.57	21.57	21.61		
10	64QAM	1	0	21.83	21.40	21.92	23	2
10	64QAM	1	25	21.62	21.59	21.78		
10	64QAM	1	49	21.72	21.83	21.41		
10	64QAM	25	0	20.52	20.45	20.65	22	3
10	64QAM	25	12	20.65	20.53	20.61		
10	64QAM	25	25	20.48	20.57	20.52		
10	64QAM	50	0	20.50	20.49	20.57		
10	256QAM	1	0	18.49	18.62	18.46	20	5
10	256QAM	1	25	18.37	18.41	18.39		
10	256QAM	1	49	18.46	18.55	18.41		
10	256QAM	25	0	18.39	18.58	18.43	20	5
10	256QAM	25	12	18.49	18.54	18.48		
10	256QAM	25	25	18.46	18.48	18.42		
10	256QAM	50	0	18.46	18.55	18.44		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.49	23.58	23.59	25	0
5	QPSK	1	12	23.58	23.54	23.57		
5	QPSK	1	24	23.45	23.56	23.55		
5	QPSK	12	0	22.62	22.67	22.53	24	1
5	QPSK	12	7	22.55	22.46	22.49		
5	QPSK	12	13	22.57	22.60	22.50		
5	QPSK	25	0	22.60	22.54	22.54		
5	16QAM	1	0	22.99	22.57	22.47	24	1
5	16QAM	1	12	22.94	22.64	23.06		
5	16QAM	1	24	22.55	22.48	22.48		
5	16QAM	12	0	21.50	21.58	21.58	23	2
5	16QAM	12	7	21.57	21.57	21.58		
5	16QAM	12	13	21.57	21.54	21.47		
5	16QAM	25	0	21.56	21.59	21.55		
5	64QAM	1	0	21.72	21.47	21.86	23	2
5	64QAM	1	12	21.60	21.66	21.84		
5	64QAM	1	24	21.81	21.93	21.32		
5	64QAM	12	0	20.57	20.57	20.58	22	3
5	64QAM	12	7	20.63	20.61	20.63		
5	64QAM	12	13	20.48	20.46	20.44		
5	64QAM	25	0	20.53	20.50	20.57		
5	256QAM	1	0	18.48	18.62	18.49	20	5
5	256QAM	1	12	18.40	18.48	18.37		
5	256QAM	1	24	18.43	18.59	18.53		
5	256QAM	12	0	18.50	18.50	18.43	20	5
5	256QAM	12	7	18.37	18.54	18.44		
5	256QAM	12	13	18.55	18.49	18.50		
5	256QAM	25	0	18.50	18.60	18.44		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.59	23.65	23.62	25	0
3	QPSK	1	8	23.52	23.57	23.59		
3	QPSK	1	14	23.48	23.59	23.47		
3	QPSK	8	0	22.53	22.57	22.59	24	1
3	QPSK	8	4	22.54	22.55	22.53		
3	QPSK	8	7	22.49	22.59	22.49		
3	QPSK	15	0	22.56	22.59	22.49		
3	16QAM	1	0	22.93	22.72	22.52	24	1
3	16QAM	1	8	22.89	22.63	23.09		
3	16QAM	1	14	22.55	22.48	22.53		
3	16QAM	8	0	21.60	21.47	21.49	23	2
3	16QAM	8	4	21.57	21.54	21.52		
3	16QAM	8	7	21.57	21.43	21.51		
3	16QAM	15	0	21.56	21.60	21.62		
3	64QAM	1	0	21.79	21.51	21.87	23	2
3	64QAM	1	8	21.88	21.64	21.82		
3	64QAM	1	14	21.84	21.85	21.40		
3	64QAM	8	0	20.52	20.48	20.57	22	3
3	64QAM	8	4	20.54	20.57	20.56		
3	64QAM	8	7	20.53	20.52	20.52		
3	64QAM	15	0	20.60	20.61	20.59		
3	256QAM	1	0	18.62	18.64	18.46	20	5
3	256QAM	1	8	18.43	18.47	18.41		
3	256QAM	1	14	18.55	18.56	18.43		
3	256QAM	8	0	18.47	18.50	18.46	20	5
3	256QAM	8	4	18.37	18.57	18.42		
3	256QAM	8	7	18.45	18.50	18.55		
3	256QAM	15	0	18.50	18.49	18.45		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.59	23.58	23.63	25	0
1.4	QPSK	1	3	23.53	23.52	23.49		
1.4	QPSK	1	5	23.47	23.49	23.55		
1.4	QPSK	3	0	23.48	23.60	23.52		
1.4	QPSK	3	1	23.60	23.51	23.48		
1.4	QPSK	3	3	23.44	23.61	23.50		
1.4	QPSK	6	0	22.51	22.72	22.56	24	1
1.4	16QAM	1	0	22.47	22.51	22.60	24	1
1.4	16QAM	1	3	22.55	22.51	22.47		
1.4	16QAM	1	5	22.51	22.62	22.59		
1.4	16QAM	3	0	22.96	22.65	22.50		
1.4	16QAM	3	1	22.90	22.66	22.96		
1.4	16QAM	3	3	22.59	22.53	22.48		
1.4	16QAM	6	0	21.54	21.50	21.44	23	2
1.4	64QAM	1	0	21.55	21.55	21.59	23	2
1.4	64QAM	1	3	21.51	21.47	21.45		
1.4	64QAM	1	5	21.48	21.58	21.53		
1.4	64QAM	3	0	21.83	21.41	21.92		
1.4	64QAM	3	1	21.59	21.71	21.86		
1.4	64QAM	3	3	21.71	21.97	21.36		
1.4	64QAM	6	0	20.63	20.51	20.62	22	3
1.4	256QAM	1	0	18.53	18.51	18.59	20	5
1.4	256QAM	1	3	18.39	18.50	18.35		
1.4	256QAM	1	5	18.49	18.58	18.48		
1.4	256QAM	3	0	18.39	18.56	18.39		
1.4	256QAM	3	1	18.48	18.50	18.37		
1.4	256QAM	3	3	18.50	18.52	18.43		
1.4	256QAM	6	0	18.44	18.48	18.41	20	5

Band 66_Ant 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.90	18.92	18.88	19.7	0
20	QPSK	1	49	18.81	18.80	18.75		
20	QPSK	1	99	18.74	18.77	18.81		
20	QPSK	50	0	18.88	18.90	18.87		
20	QPSK	50	24	18.76	18.78	18.80		
20	QPSK	50	50	18.74	18.87	18.79		
20	QPSK	100	0	18.87	18.88	18.85		
20	16QAM	1	0	18.77	18.76	18.73		
20	16QAM	1	49	18.86	18.85	18.81		
20	16QAM	1	99	18.74	18.82	18.74

Band 66_Ant 31

BW [MHz]	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	19.89	19.90	19.87		
20	QPSK	1	49	19.74	19.74	19.78	20.9	0
20	QPSK	1	99	19.80	19.81	19.82		
20	QPSK	50	0	19.87	19.88	19.85		
20	QPSK	50	24	19.72	19.81	19.72	20.9	0
20	QPSK	50	50	19.73	19.71	19.68		
20	QPSK	100	0	19.85	19.86	19.83		
20	16QAM	1	0	19.79	19.82	19.79		
20	16QAM	1	49	19.79	19.74	19.69	20.9	0
20	16QAM	1	99	19.82	19.78	19.73		
20	16QAM	50	0	19.74	19.80	19.69		
20	16QAM	50	24	19.71	19.72	19.79	20.9	0
20	16QAM	50	50	19.84	19.84	19.77		
20	16QAM	100	0	19.76	19.71	19.71		
20	64QAM	1	0	19.80	19.82	19.76		
20	64QAM	1	49	19.84	19.74	19.80	20.9	0
20	64QAM	1	99	19.78	19.72	19.82		
20	64QAM	50	0	19.73	19.72	19.71		
20	64QAM	50	24	19.74	19.85	19.76	20.9	0
20	64QAM	50	50	19.82	19.73	19.74		
20	64QAM	100	0	19.72	19.77	19.77		
20	256QAM	1	0	18.81	18.83	18.80		
20	256QAM	1	49	18.74	18.82	18.74	19.9	1
20	256QAM	1	99	18.79	18.81	18.73		
20	256QAM	50	0	18.71	18.82	18.75		
20	256QAM	50	24	18.69	18.72	18.79	19.9	1
20	256QAM	50	50	18.78	18.69	18.73		
20	256QAM	100	0	18.76	18.72	18.75		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.79	19.73	19.79		
15	QPSK	1	37	19.76	19.83	19.70	20.9	0
15	QPSK	1	74	19.84	19.72	19.73		
15	QPSK	36	0	19.82	19.74	19.69		
15	QPSK	36	20	19.74	19.77	19.71	20.9	0
15	QPSK	36	39	19.82	19.73	19.77		
15	QPSK	75	0	19.71	19.73	19.82		
15	16QAM	1	0	19.83	19.71	19.79		
15	16QAM	1	37	19.71	19.84	19.72	20.9	0
15	16QAM	1	74	19.71	19.75	19.68		
15	16QAM	36	0	19.75	19.75	19.69		
15	16QAM	36	20	19.71	19.82	19.72	20.9	0
15	16QAM	36	39	19.83	19.81	19.77		
15	16QAM	75	0	19.80	19.82	19.77		
15	64QAM	1	0	19.75	19.83	19.78		
15	64QAM	1	37	19.77	19.71	19.75	20.9	0
15	64QAM	1	74	19.70	19.78	19.68		
15	64QAM	36	0	19.83	19.73	19.81		
15	64QAM	36	20	19.83	19.73	19.80	20.9	0
15	64QAM	36	39	19.74	19.75	19.78		
15	64QAM	75	0	19.83	19.83	19.68		
15	256QAM	1	0	18.73	18.76	18.70		
15	256QAM	1	37	18.70	18.80	18.72	19.9	1
15	256QAM	1	74	18.72	18.67	18.67		
15	256QAM	36	0	18.59	18.68	18.74		
15	256QAM	36	20	18.63	18.69	18.77	19.9	1
15	256QAM	36	39	18.75	18.61	18.64		
15	256QAM	75	0	18.61	18.57	18.73		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.72	19.73	19.76		
10	QPSK	1	25	19.80	19.78	19.78	20.9	0
10	QPSK	1	49	19.75	19.82	19.81		
10	QPSK	25	0	19.73	19.80	19.72		
10	QPSK	25	12	19.79	19.81	19.82	20.9	0
10	QPSK	25	25	19.84	19.76	19.79		
10	QPSK	50	0	19.70	19.84	19.74		
10	16QAM	1	0	19.73	19.74	19.82		
10	16QAM	1	25	19.79	19.77	19.77	20.9	0
10	16QAM	1	49	19.73	19.72	19.80		
10	16QAM	25	0	19.82	19.73	19.77		
10	16QAM	25	12	19.83	19.75	19.69	20.9	0
10	16QAM	25	25	19.75	19.85	19.69		
10	16QAM	50	0	19.82	19.85	19.73		
10	64QAM	1	0	19.77	19.80	19.81		
10	64QAM	1	25	19.73	19.83	19.68	20.9	0
10	64QAM	1	49	19.73	19.78	19.69		
10	64QAM	25	0	19.73	19.80	19.76		
10	64QAM	25	12	19.76	19.73	19.77	20.9	0
10	64QAM	25	25	19.80	19.85	19.68		
10	64QAM	50	0	19.82	19.71	19.79		
10	256QAM	1	0	18.75	18.70	18.72		
10	256QAM	1	25	18.71	18.68	18.64	19.9	1
10	256QAM	1	49	18.68	18.76	18.69		
10	256QAM	25	0	18.67	18.70	18.60		
10	256QAM	25	12	18.56	18.68	18.76	19.9	1
10	256QAM	25	25	18.77	18.57	18.61		
10	256QAM	50	0	18.66	18.71	18.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.83	19.81	19.74		
5	QPSK	1	12	19.79	19.80	19.75	20.9	0
5	QPSK	1	24	19.79	19.82	19.71		
5	QPSK	12	0	19.70	19.76	19.78		
5	QPSK	12	7	19.83	19.79	19.78	20.9	0
5	QPSK	12	13	19.82	19.80	19.68		
5	QPSK	25	0	19.84	19.77	19.79		
5	16QAM	1	0	19.83	19.72	19.79		
5	16QAM	1	12	19.77	19.77	19.82	20.9	0
5	16QAM	1	24	19.84	19.85	19.71		
5	16QAM	12	0	19.71	19.79	19.80		
5	16QAM	12	7	19.80	19.81	19.82	20.9	0
5	16QAM	12	13	19.74	19.76	19.80		
5	16QAM	25	0	19.74	19.80	19.70		
5	64QAM	1	0	19.74	19.81	19.80		
5	64QAM	1	12	19.72	19.73	19.72	20.9	0
5	64QAM	1	24	19.84	19.73	19.72		
5	64QAM	12	0	19.70	19.83	19.75		
5	64QAM	12	7	19.71	19.71	19.72	20.9	0
5	64QAM	12	13	19.75	19.75	19.77		
5	64QAM	25	0	19.77	19.79	19.75		
5	256QAM	1	0	18.70	18.77	18.72		
5	256QAM	1	12	18.60	18.67	18.68	19.9	1
5	256QAM	1	24	18.68	18.68	18.64		
5	256QAM	12	0	18.69	18.69	18.73		
5	256QAM	12	7	18.61	18.68	18.72	19.9	1
5	256QAM	12	13	18.65	18.55	18.58		
5	256QAM	25	0	18.64	18.67	18.68		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.71	19.76	19.79		
3	QPSK	1	8	19.80	19.71	19.80	20.9	0
3	QPSK	1	14	19.78	19.72	19.77		
3	QPSK	8	0	19.82	19.81	19.82		
3	QPSK	8	4	19.79	19.72	19.72	20.9	0
3	QPSK	8	7	19.74	19.84	19.68		
3	QPSK	15	0	19.80	19.83	19.69		
3	16QAM	1	0	19.71	19.78	19.82		
3	16QAM	1	8	19.76	19.82	19.72	20.9	0
3	16QAM	1	14	19.73	19.75	19.76		
3	16QAM	8	0	19.79	19.80	19.69		
3	16QAM	8	4	19.73	19.85	19.70	20.9	0
3	16QAM	8	7	19.82	19.79	19.75		
3	16QAM	15	0	19.70	19.83	19.77		
3	64QAM	1	0	19.72	19.75	19.75		
3	64QAM	1	8	19.80	19.84	19.78	20.9	0
3	64QAM	1	14	19.81	19.73	19.73		
3	64QAM	8	0	19.81	19.76	19.82		
3	64QAM	8	4	19.79	19.77	19.73	20.9	0
3	64QAM	8	7	19.73	19.81	19.73		
3	64QAM	15	0	19.82	19.80	19.76		
3	256QAM	1	0	18.74	18.79	18.73		
3	256QAM	1	8	18.66	18.66	18.73	19.9	1
3	256QAM	1	14	18.78	18.79	18.68		
3	256QAM	8	0	18.68	18.81	18.69		
3	256QAM	8	4	18.63	18.57	18.70	19.9	1
3	256QAM	8	7	18.72	18.68	18.60		
3	256QAM	15	0	18.74	18.61	18.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.72	19.75	19.70		
1.4	QPSK	1	3	19.81	19.73	19.79		
1.4	QPSK	1	5	19.73	19.83	19.73	20.9	0
1.4	QPSK	3	0	19.72	19.80	19.74		
1.4	QPSK	3	1	19.82	19.78	19.71		
1.4	QPSK	3	3	19.83	19.77	19.82		
1.4	QPSK	6	0	19.83	19.74	19.72	20.9	0
1.4	16QAM	1	0	19.75	19.85	19.79		
1.4	16QAM	1	3	19.76	19.84	19.76		
1.4	16QAM	1	5	19.70	19.84	19.76	20.9	0
1.4	16QAM	3	0	19.84	19.78	19.69		
1.4	16QAM	3	1	19.71	19.80	19.75		
1.4	16QAM	3	3	19.72	19.83	19.73		
1.4	16QAM	6	0	19.70	19.71	19.72	20.9	0
1.4	64QAM	1	0	19.81	19.71	19.71		
1.4	64QAM	1	3	19.83	19.74	19.73		
1.4	64QAM	1	5	19.84	19.82	19.69	20.9	0
1.4	64QAM	3	0	19.73	19.82	19.82		
1.4	64QAM	3	1	19.71	19.78	19.80		
1.4	64QAM	3	3	19.83	19.72	19.82		
1.4	64QAM	6	0	19.70	19.84	19.76	20.9	0
1.4	256QAM	1	0	18.78	18.72	18.77		
1.4	256QAM	1	3	18.63	18.72	18.64		
1.4	256QAM	1	5	18.75	18.71	18.70	19.9	1
1.4	256QAM	3	0	18.68	18.69	18.63		
1.4	256QAM	3	1	18.63	18.70	18.72		
1.4	256QAM	3	3	18.72	18.54	18.63		
1.4	256QAM	6	0	18.62	18.59	18.65	19.9	1

Band 66_Ant 11

BW [MHz]	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	18.80	18.82	18.78		
20	QPSK	1	49	18.73	18.68	18.61	19.9	0
20	QPSK	1	99	18.70	18.76	18.67		
20	QPSK	50	0	18.78	18.80	18.77		
20	QPSK	50	24	18.68	18.73	18.70	19.9	0
20	QPSK	50	50	18.70	18.74	18.69		
20	QPSK	100	0	18.77	18.78	18.75		
20	16QAM	1	0	18.68	18.71	18.69		
20	16QAM	1	49	18.62	18.63	18.72	19.9	0
20	16QAM	1	99	18.69	18.74	18.63		
20	16QAM	50	0	18.68	18.66	18.64		
20	16QAM	50	24	18.74	18.64	18.69	19.9	0
20	16QAM	50	50	18.67	18.72	18.65		
20	16QAM	100	0	18.72	18.65	18.61		
20	64QAM	1	0	18.72	18.64	18.72		
20	64QAM	1	49	18.70	18.66	18.71	19.9	0
20	64QAM	1	99	18.63	18.77	18.73		
20	64QAM	50	0	18.63	18.68	18.63		
20	64QAM	50	24	18.72	18.74	18.66	19.9	0
20	64QAM	50	50	18.63	18.67	18.68		
20	64QAM	100	0	18.67	18.74	18.74		
20	256QAM	1	0	18.69	18.77	18.60		
20	256QAM	1	49	18.64	18.65	18.68	19.9	0
20	256QAM	1	99	18.75	18.71	18.65		
20	256QAM	50	0	18.67	18.77	18.71		
20	256QAM	50	24	18.66	18.70	18.60	19.9	0
20	256QAM	50	50	18.75	18.71	18.72		
20	256QAM	100	0	18.64	18.70	18.71		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.67	18.76	18.69		
15	QPSK	1	37	18.66	18.66	18.63	19.9	0
15	QPSK	1	74	18.66	18.63	18.64		
15	QPSK	36	0	18.68	18.74	18.64		
15	QPSK	36	20	18.68	18.76	18.64	19.9	0
15	QPSK	36	39	18.76	18.66	18.60		
15	QPSK	75	0	18.75	18.73	18.61		
15	16QAM	1	0	18.69	18.64	18.66		
15	16QAM	1	37	18.76	18.70	18.71	19.9	0
15	16QAM	1	74	18.73	18.66	18.62		
15	16QAM	36	0	18.76	18.71	18.66		
15	16QAM	36	20	18.71	18.71	18.62	19.9	0
15	16QAM	36	39	18.68	18.65	18.66		
15	16QAM	75	0	18.75	18.68	18.72		
15	64QAM	1	0	18.66	18.71	18.65		
15	64QAM	1	37	18.65	18.71	18.73	19.9	0
15	64QAM	1	74	18.74	18.75	18.74		
15	64QAM	36	0	18.63	18.74	18.62		
15	64QAM	36	20	18.65	18.66	18.61	19.9	0
15	64QAM	36	39	18.63	18.67	18.71		
15	64QAM	75	0	18.72	18.67	18.64		
15	256QAM	1	0	18.66	18.68	18.62		
15	256QAM	1	37	18.72	18.71	18.70	19.9	0
15	256QAM	1	74	18.71	18.65	18.62		
15	256QAM	36	0	18.66	18.68	18.70		
15	256QAM	36	20	18.63	18.65	18.71	19.9	0
15	256QAM	36	39	18.65	18.67	18.74		
15	256QAM	75	0	18.74	18.74	18.65		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.71	18.65	18.74		
10	QPSK	1	25	18.69	18.71	18.65	19.9	0
10	QPSK	1	49	18.72	18.65	18.69		
10	QPSK	25	0	18.71	18.63	18.61		
10	QPSK	25	12	18.71	18.69	18.65	19.9	0
10	QPSK	25	25	18.73	18.66	18.61		
10	QPSK	50	0	18.73	18.73	18.60		
10	16QAM	1	0	18.76	18.63	18.74		
10	16QAM	1	25	18.76	18.64	18.71	19.9	0
10	16QAM	1	49	18.75	18.77	18.64		
10	16QAM	25	0	18.65	18.66	18.70		
10	16QAM	25	12	18.63	18.65	18.63	19.9	0
10	16QAM	25	25	18.73	18.72	18.71		
10	16QAM	50	0	18.62	18.63	18.74		
10	64QAM	1	0	18.68	18.64	18.73		
10	64QAM	1	25	18.66	18.75	18.65	19.9	0
10	64QAM	1	49	18.72	18.64	18.64		
10	64QAM	25	0	18.62	18.71	18.68		
10	64QAM	25	12	18.73	18.65	18.62	19.9	0
10	64QAM	25	25	18.64	18.64	18.63		
10	64QAM	50	0	18.70	18.72	18.71		
10	256QAM	1	0	18.70	18.74	18.73		
10	256QAM	1	25	18.63	18.72	18.62	19.9	0
10	256QAM	1	49	18.69	18.71	18.65		
10	256QAM	25	0	18.62	18.76	18.61		
10	256QAM	25	12	18.73	18.73	18.69	19.9	0
10	256QAM	25	25	18.66	18.69	18.65		
10	256QAM	50	0	18.74	18.69	18.60		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.75	18.71	18.69		
5	QPSK	1	12	18.75	18.72	18.63	19.9	0
5	QPSK	1	24	18.69	18.63	18.61		
5	QPSK	12	0	18.67	18.67	18.68		
5	QPSK	12	7	18.69	18.64	18.65	19.9	0
5	QPSK	12	13	18.69	18.74	18.60		
5	QPSK	25	0	18.69	18.74	18.67		
5	16QAM	1	0	18.63	18.68	18.68		
5	16QAM	1	12	18.71	18.75	18.72	19.9	0
5	16QAM	1	24	18.62	18.65	18.70		
5	16QAM	12	0	18.69	18.68	18.68		
5	16QAM	12	7	18.76	18.69	18.65	19.9	0
5	16QAM	12	13	18.73	18.69	18.63		
5	16QAM	25	0	18.72	18.70	18.71		
5	64QAM	1	0	18.65	18.73	18.70		
5	64QAM	1	12	18.63	18.75	18.70	19.9	0
5	64QAM	1	24	18.76	18.70	18.64		
5	64QAM	12	0	18.65	18.71	18.61		
5	64QAM	12	7	18.64	18.68	18.63	19.9	0
5	64QAM	12	13	18.76	18.64	18.67		
5	64QAM	25	0	18.62	18.65	18.68		
5	256QAM	1	0	18.64	18.75	18.73		
5	256QAM	1	12	18.74	18.74	18.63	19.9	0
5	256QAM	1	24	18.72	18.70	18.71		
5	256QAM	12	0	18.63	18.73	18.67		
5	256QAM	12	7	18.70	18.71	18.71	19.9	0
5	256QAM	12	13	18.70	18.72	18.73		
5	256QAM	25	0	18.69	18.65	18.73		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.69	18.74	18.74		
3	QPSK	1	8	18.72	18.67	18.63	19.9	0
3	QPSK	1	14	18.67	18.77	18.67		
3	QPSK	8	0	18.68	18.74	18.74		
3	QPSK	8	4	18.73	18.76	18.72	19.9	0
3	QPSK	8	7	18.65	18.70	18.60		
3	QPSK	15	0	18.75	18.69	18.69		
3	16QAM	1	0	18.74	18.66	18.69		
3	16QAM	1	8	18.71	18.73	18.60	19.9	0
3	16QAM	1	14	18.74	18.69	18.65		
3	16QAM	8	0	18.69	18.74	18.74		
3	16QAM	8	4	18.64	18.67	18.60	19.9	0
3	16QAM	8	7	18.62	18.68	18.69		
3	16QAM	15	0	18.73	18.63	18.71		
3	64QAM	1	0	18.73	18.64	18.63		
3	64QAM	1	8	18.72	18.67	18.60	19.9	0
3	64QAM	1	14	18.70	18.65	18.62		
3	64QAM	8	0	18.66	18.64	18.68		
3	64QAM	8	4	18.66	18.73	18.60	19.9	0
3	64QAM	8	7	18.66	18.77	18.72		
3	64QAM	15	0	18.72	18.68	18.67		
3	256QAM	1	0	18.63	18.68	18.73		
3	256QAM	1	8	18.69	18.74	18.71	19.9	0
3	256QAM	1	14	18.69	18.63	18.61		
3	256QAM	8	0	18.66	18.71	18.68		
3	256QAM	8	4	18.73	18.67	18.60	19.9	0
3	256QAM	8	7	18.67	18.76	18.64		
3	256QAM	15	0	18.64	18.65	18.61		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.72	18.76	18.61		
1.4	QPSK	1	3	18.74	18.75	18.73		
1.4	QPSK	1	5	18.66	18.71	18.60	19.9	0
1.4	QPSK	3	0	18.65	18.63	18.61		
1.4	QPSK	3	1	18.73	18.76	18.71		
1.4	QPSK	3	3	18.63	18.68	18.60		
1.4	QPSK	6	0	18.70	18.71	18.63	19.9	0
1.4	16QAM	1	0	18.76	18.73	18.66		
1.4	16QAM	1	3	18.69	18.65	18.69		
1.4	16QAM	1	5	18.76	18.74	18.62	19.9	0
1.4	16QAM	3	0	18.75	18.77	18.63		
1.4	16QAM	3	1	18.74	18.74	18.62		
1.4	16QAM	3	3	18.65	18.75	18.64		
1.4	16QAM	6	0	18.72	18.77	18.63	19.9	0
1.4	64QAM	1	0	18.69	18.63	18.74		
1.4	64QAM	1	3	18.65	18.69	18.72		
1.4	64QAM	1	5	18.68	18.76	18.61	19.9	0
1.4	64QAM	3	0	18.64	18.64	18.68		
1.4	64QAM	3	1	18.64	18.70	18.62		
1.4	64QAM	3	3	18.76	18.70	18.68		
1.4	64QAM	6	0	18.74	18.74	18.64	19.9	0
1.4	256QAM	1	0	18.64	18.65	18.70		
1.4	256QAM	1	3	18.67	18.66	18.73		
1.4	256QAM	1	5	18.66	18.76	18.71	19.9	0
1.4	256QAM	3	0	18.74	18.74	18.74		
1.4	256QAM	3	1	18.67	18.76	18.68		
1.4	256QAM	3	3	18.66	18.64	18.69		
1.4	256QAM	6	0	18.68	18.64	18.61	19.9	0

Band 38_Ant 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.06	17.08	17.05	18.2	0
20	QPSK	1	49	16.92	16.97	16.93		
20	QPSK	1	99	16.92	16.94	16.90		
20	QPSK	50	0	17.05	17.06	17.03	18.2	0
20	QPSK	50	24	16.86	16.89	16.91		
20	QPSK	50	50	16.92	16.94	16.85		
20	QPSK	100	0	17.01	17.03	17.00		
20	16QAM	1	0	17.00	16.96	16.95	18.2	0
20	16QAM	1	49	16.88	16.94	16.86		
20	16QAM	1	99	16.98	16.93	16.94		
20	16QAM	50	0	16.92	16.96	16.88	18.2	0
20	16QAM	50	24	16.89	16.99	16.91		
20	16QAM	50	50	16.93	16.99	16.93		
20	16QAM	100	0	17.00	17.01	16.94		
20	64QAM	1	0	16.94	16.96	16.88	18.2	0
20	64QAM	1	49	16.86	17.02	16.94		
20	64QAM	1	99	16.88	16.96	16.93		
20	64QAM	50	0	16.95	16.99	16.96	18.2	0
20	64QAM	50	24	16.89	17.01	16.89		
20	64QAM	50	50	16.88	16.97	16.85		
20	64QAM	100	0	16.95	16.98	16.92		
20	256QAM	1	0	16.95	16.92	16.90	18.2	0
20	256QAM	1	49	16.88	16.95	16.96		
20	256QAM	1	99	16.95	16.88	16.97		
20	256QAM	50	0	16.91	16.94	16.99	18.2	0
20	256QAM	50	24	16.96	16.99	16.97		
20	256QAM	50	50	16.86	16.89	16.97		
20	256QAM	100	0	16.90	16.93	16.91		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.99	17.00	16.95	18.2	0
15	QPSK	1	37	16.99	17.01	16.99		
15	QPSK	1	74	17.00	16.98	16.90		
15	QPSK	36	0	16.87	17.02	16.92	18.2	0
15	QPSK	36	20	16.95	17.00	16.94		
15	QPSK	36	39	16.99	17.00	16.87		
15	QPSK	75	0	16.88	16.98	16.96		
15	16QAM	1	0	16.94	17.00	16.97	18.2	0
15	16QAM	1	37	16.86	16.88	16.97		
15	16QAM	1	74	16.94	16.93	16.89		
15	16QAM	36	0	16.96	16.89	16.95	18.2	0
15	16QAM	36	20	16.93	17.01	16.97		
15	16QAM	36	39	16.90	16.88	16.91		
15	16QAM	75	0	16.92	16.90	16.95		
15	64QAM	1	0	16.94	16.98	16.85	18.2	0
15	64QAM	1	37	16.91	16.97	16.94		
15	64QAM	1	74	17.00	16.89	16.92		
15	64QAM	36	0	16.98	16.91	16.93	18.2	0
15	64QAM	36	20	16.96	16.89	16.92		
15	64QAM	36	39	17.00	16.94	16.93		
15	64QAM	75	0	16.91	16.88	16.86		
15	256QAM	1	0	16.97	16.99	16.89	18.2	0
15	256QAM	1	37	16.92	16.92	16.95		
15	256QAM	1	74	16.99	16.97	16.90		
15	256QAM	36	0	17.00	17.00	16.87	18.2	0
15	256QAM	36	20	16.97	17.00	16.95		
15	256QAM	36	39	16.97	17.02	16.89		
15	256QAM	75	0	17.00	16.94	16.89		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.96	16.94	16.91	18.2	0
10	QPSK	1	25	16.97	16.96	16.86		
10	QPSK	1	49	16.99	16.89	16.94		
10	QPSK	25	0	16.89	17.01	16.85	18.2	0
10	QPSK	25	12	16.94	16.98	16.91		
10	QPSK	25	25	16.94	17.00	16.90		
10	QPSK	50	0	16.87	17.02	16.86		
10	16QAM	1	0	16.89	16.91	16.91	18.2	0
10	16QAM	1	25	16.90	16.97	16.89		
10	16QAM	1	49	16.92	16.96	16.94		
10	16QAM	25	0	16.97	16.94	16.98	18.2	0
10	16QAM	25	12	16.89	16.90	16.97		
10	16QAM	25	25	17.00	17.02	16.85		
10	16QAM	50	0	16.92	16.93	16.99		
10	64QAM	1	0	16.87	16.93	16.96	18.2	0
10	64QAM	1	25	16.93	16.93	16.97		
10	64QAM	1	49	16.93	17.02	16.98		
10	64QAM	25	0	16.94	16.93	16.92	18.2	0
10	64QAM	25	12	16.91	17.02	16.94		
10	64QAM	25	25	17.00	16.90	16.87		
10	64QAM	50	0	16.86	16.92	16.98		
10	256QAM	1	0	16.94	16.96	16.87	18.2	0
10	256QAM	1	25	16.86	17.01	16.99		
10	256QAM	1	49	16.92	16.97	16.90		
10	256QAM	25	0	16.92	16.89	16.93	18.2	0
10	256QAM	25	12	16.92	16.94	16.98		
10	256QAM	25	25	16.94	16.97	16.88		
10	256QAM	50	0	16.93	16.98	16.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.97	16.96	16.86	18.2	0
5	QPSK	1	12	16.86	16.96	16.88		
5	QPSK	1	24	16.88	16.92	16.96		
5	QPSK	12	0	16.91	17.01	16.89	18.2	0
5	QPSK	12	7	16.99	16.98	16.96		
5	QPSK	12	13	16.99	17.01	16.88		
5	QPSK	25	0	16.98	16.97	16.93		
5	16QAM	1	0	16.88	16.89	16.96	18.2	0
5	16QAM	1	12	16.87	16.91	16.94		
5	16QAM	1	24	17.00	16.93	16.88		
5	16QAM	12	0	16.90	16.97	16.88	18.2	0
5	16QAM	12	7	16.91	17.00	16.92		
5	16QAM	12	13	16.96	16.94	16.95		
5	16QAM	25	0	16.97	17.01	16.89		
5	64QAM	1	0	16.92	16.91	16.88	18.2	0
5	64QAM	1	12	16.92	17.00	16.89		
5	64QAM	1	24	16.99	16.94	16.97		
5	64QAM	12	0	16.92	16.92	16.94	18.2	0
5	64QAM	12	7	16.89	17.00	16.85		
5	64QAM	12	13	16.87	16.94	16.85		
5	64QAM	25	0	16.88	16.88	16.92		
5	256QAM	1	0	16.88	16.90	16.89	18.2	0
5	256QAM	1	12	16.99	16.94	16.94		
5	256QAM	1	24	16.99	16.95	16.96		
5	256QAM	12	0	16.89	17.00	16.90	18.2	0
5	256QAM	12	7	16.93	16.96	16.88		
5	256QAM	12	13	16.96	16.89	16.87		
5	256QAM	25	0	16.96	17.02	16.85		

Band 38_Ant 31

BW [MHz]	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	22.31	22.36	22.24	23.5	0
20	QPSK	1	49	22.30	22.03	22.21		
20	QPSK	1	99	22.21	22.10	22.10		
20	QPSK	50	0	22.30	22.35	22.23	23.5	0
20	QPSK	50	24	22.27	22.01	22.09		
20	QPSK	50	50	22.28	22.11	22.07		
20	QPSK	100	0	22.28	22.31	22.21		
20	16QAM	1	0	22.20	22.06	22.14	23.5	0
20	16QAM	1	49	22.32	22.08	22.18		
20	16QAM	1	99	22.26	22.06	22.17		
20	16QAM	50	0	21.24	20.97	21.06	22.5	1
20	16QAM	50	24	21.28	21.11	21.17		
20	16QAM	50	50	21.23	21.08	21.16		
20	16QAM	100	0	21.22	21.03	21.10		
20	64QAM	1	0	20.97	20.69	20.76	22.5	1
20	64QAM	1	49	21.05	20.90	20.89		
20	64QAM	1	99	20.99	20.76	20.85		
20	64QAM	50	0	20.18	20.00	20.06	21.5	2
20	64QAM	50	24	20.26	20.04	20.17		
20	64QAM	50	50	20.20	20.02	20.11		
20	64QAM	100	0	20.19	19.99	20.05		
20	256QAM	1	0	18.07	18.08	18.05	19.5	4
20	256QAM	1	49	17.97	17.98	18.00		
20	256QAM	1	99	17.98	18.01	18.03		
20	256QAM	50	0	18.04	18.06	18.02	19.5	4
20	256QAM	50	24	17.98	18.06	17.93		
20	256QAM	50	50	17.97	18.04	17.93		
20	256QAM	100	0	18.02	17.94	17.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.24	22.26	22.18	23.5	0
15	QPSK	1	37	22.24	21.89	22.07		
15	QPSK	1	74	22.11	21.95	22.05		
15	QPSK	36	0	22.23	22.23	22.11	23.5	0
15	QPSK	36	20	22.19	21.90	21.95		
15	QPSK	36	39	22.21	21.98	21.96		
15	QPSK	75	0	22.19	22.24	22.09		
15	16QAM	1	0	22.05	21.97	21.99	23.5	0
15	16QAM	1	37	22.20	21.95	22.05		
15	16QAM	1	74	22.13	22.00	22.11		
15	16QAM	36	0	21.15	20.89	20.93	22.5	1
15	16QAM	36	20	21.20	20.96	21.02		
15	16QAM	36	39	21.16	20.95	21.08		
15	16QAM	75	0	21.11	20.90	20.99		
15	64QAM	1	0	20.87	20.54	20.66	22.5	1
15	64QAM	1	37	20.93	20.84	20.77		
15	64QAM	1	74	20.85	20.61	20.73		
15	64QAM	36	0	20.03	19.95	19.99	21.5	2
15	64QAM	36	20	20.11	19.92	20.02		
15	64QAM	36	39	20.06	19.97	19.99		
15	64QAM	75	0	20.14	19.89	19.91		
15	256QAM	1	0	17.95	18.00	18.00	19.5	4
15	256QAM	1	37	17.83	17.90	17.96		
15	256QAM	1	74	17.85	17.95	17.92		
15	256QAM	36	0	17.99	18.01	17.94	19.5	4
15	256QAM	36	20	17.98	17.96	17.89		
15	256QAM	36	39	17.96	17.91	17.92		
15	256QAM	75	0	17.95	17.83	17.84		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.26	22.22	22.10	23.5	0
10	QPSK	1	25	22.22	21.95	22.07		
10	QPSK	1	49	22.07	22.01	22.00		
10	QPSK	25	0	22.22	22.21	22.09	23.5	0
10	QPSK	25	12	22.13	21.89	21.94		
10	QPSK	25	25	22.21	22.02	21.94		
10	QPSK	50	0	22.17	22.18	22.09		
10	16QAM	1	0	22.09	21.97	22.09	23.5	0
10	16QAM	1	25	22.21	21.93	22.11		
10	16QAM	1	49	22.16	21.91	22.03		
10	16QAM	25	0	21.17	20.82	20.92	22.5	1
10	16QAM	25	12	21.21	20.96	21.07		
10	16QAM	25	25	21.12	21.00	21.06		
10	16QAM	50	0	21.09	20.92	21.01		
10	64QAM	1	0	20.92	20.58	20.66	22.5	1
10	64QAM	1	25	20.90	20.81	20.83		
10	64QAM	1	49	20.84	20.62	20.75		
10	64QAM	25	0	20.13	19.90	19.97	21.5	2
10	64QAM	25	12	20.21	19.98	20.08		
10	64QAM	25	25	20.06	19.88	19.96		
10	64QAM	50	0	20.13	19.90	19.95		
10	256QAM	1	0	18.02	17.96	17.97	19.5	4
10	256QAM	1	25	17.90	17.98	17.97		
10	256QAM	1	49	17.83	17.96	17.98		
10	256QAM	25	0	17.91	18.05	18.01	19.5	4
10	256QAM	25	12	17.91	17.97	17.89		
10	256QAM	25	25	17.82	17.89	17.89		
10	256QAM	50	0	17.87	17.92	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.20	22.28	22.11	23.5	0
5	QPSK	1	12	22.19	21.90	22.06		
5	QPSK	1	24	22.12	22.01	22.01		
5	QPSK	12	0	22.18	22.20	22.13	23.5	0
5	QPSK	12	7	22.12	21.88	22.03		
5	QPSK	12	13	22.22	22.05	21.98		
5	QPSK	25	0	22.23	22.19	22.08		
5	16QAM	1	0	22.05	21.93	22.05	23.5	0
5	16QAM	1	12	22.20	21.94	22.06		
5	16QAM	1	24	22.15	21.99	22.08		
5	16QAM	12	0	21.12	20.87	20.95	22.5	1
5	16QAM	12	7	21.16	20.96	21.04		
5	16QAM	12	13	21.12	20.98	21.11		
5	16QAM	25	0	21.11	20.96	21.02		
5	64QAM	1	0	20.92	20.60	20.71	22.5	1
5	64QAM	1	12	20.98	20.79	20.78		
5	64QAM	1	24	20.85	20.63	20.72		
5	64QAM	12	0	20.12	19.95	20.01	21.5	2
5	64QAM	12	7	20.17	19.96	20.10		
5	64QAM	12	13	20.05	19.94	20.01		
5	64QAM	25	0	20.09	19.84	19.91		
5	256QAM	1	0	17.96	17.95	17.94	19.5	4
5	256QAM	1	12	17.92	17.85	17.85		
5	256QAM	1	24	17.96	17.98	18.01		
5	256QAM	12	0	17.98	17.92	17.90	19.5	4
5	256QAM	12	7	17.96	17.96	17.93		
5	256QAM	12	13	17.94	17.92	17.87		
5	256QAM	25	0	17.91	17.80	17.95		

Band 38_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.27	17.28	17.25	18.5	0
20	QPSK	1	49	17.17	17.15	17.07		
20	QPSK	1	99	17.09	17.14	17.16		
20	QPSK	50	0	17.25	17.26	17.23	18.5	0
20	QPSK	50	24	17.10	17.08	17.19		
20	QPSK	50	50	17.11	17.14	17.11		
20	QPSK	100	0	17.21	17.23	17.20		
20	16QAM	1	0	17.16	17.11	17.10	18.5	0
20	16QAM	1	49	17.10	17.17	17.14		
20	16QAM	1	99	17.07	17.18	17.06		
20	16QAM	50	0	17.15	17.17	17.10	18.5	0
20	16QAM	50	24	17.17	17.09	17.06		
20	16QAM	50	50	17.06	17.22	17.17		
20	16QAM	100	0	17.10	17.18	17.11	18.5	0
20	64QAM	1	0	17.11	17.22	17.13		
20	64QAM	1	49	17.16	17.20	17.13		
20	64QAM	1	99	17.11	17.08	17.15		
20	64QAM	50	0	17.09	17.19	17.17	18.5	0
20	64QAM	50	24	17.13	17.19	17.06		
20	64QAM	50	50	17.19	17.21	17.06		
20	64QAM	100	0	17.11	17.09	17.15		
20	256QAM	1	0	17.19	17.10	17.19	18.5	0
20	256QAM	1	49	17.12	17.13	17.17		
20	256QAM	1	99	17.07	17.20	17.18		
20	256QAM	50	0	17.07	17.16	17.17	18.5	0
20	256QAM	50	24	17.15	17.18	17.19		
20	256QAM	50	50	17.15	17.16	17.05		
20	256QAM	100	0	17.07	17.16	17.17		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.16	17.11	17.10	18.5	0
15	QPSK	1	37	17.18	17.12	17.12		
15	QPSK	1	74	17.16	17.14	17.14		
15	QPSK	36	0	17.14	17.13	17.08	18.5	0
15	QPSK	36	20	17.06	17.16	17.15		
15	QPSK	36	39	17.20	17.21	17.11		
15	QPSK	75	0	17.20	17.10	17.11		
15	16QAM	1	0	17.10	17.17	17.17	18.5	0
15	16QAM	1	37	17.12	17.11	17.15		
15	16QAM	1	74	17.10	17.12	17.06		
15	16QAM	36	0	17.15	17.10	17.19	18.5	0
15	16QAM	36	20	17.17	17.12	17.07		
15	16QAM	36	39	17.15	17.20	17.09		
15	16QAM	75	0	17.07	17.16	17.07		
15	64QAM	1	0	17.09	17.20	17.17	18.5	0
15	64QAM	1	37	17.20	17.17	17.11		
15	64QAM	1	74	17.20	17.12	17.05		
15	64QAM	36	0	17.14	17.12	17.10	18.5	0
15	64QAM	36	20	17.18	17.18	17.16		
15	64QAM	36	39	17.15	17.11	17.18		
15	64QAM	75	0	17.14	17.18	17.07		
15	256QAM	1	0	17.15	17.12	17.17	18.5	0
15	256QAM	1	37	17.18	17.12	17.12		
15	256QAM	1	74	17.09	17.09	17.10		
15	256QAM	36	0	17.13	17.22	17.07	18.5	0
15	256QAM	36	20	17.15	17.20	17.13		
15	256QAM	36	39	17.17	17.08	17.09		
15	256QAM	75	0	17.20	17.09	17.11		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.18	17.21	17.08	18.5	0
10	QPSK	1	25	17.14	17.12	17.12		
10	QPSK	1	49	17.17	17.13	17.15		
10	QPSK	25	0	17.15	17.09	17.10	18.5	0
10	QPSK	25	12	17.06	17.15	17.06		
10	QPSK	25	25	17.07	17.11	17.13		
10	QPSK	50	0	17.10	17.14	17.08		
10	16QAM	1	0	17.19	17.14	17.16	18.5	0
10	16QAM	1	25	17.09	17.19	17.10		
10	16QAM	1	49	17.09	17.15	17.14		
10	16QAM	25	0	17.12	17.14	17.13	18.5	0
10	16QAM	25	12	17.07	17.13	17.07		
10	16QAM	25	25	17.08	17.21	17.09		
10	16QAM	50	0	17.14	17.16	17.05		
10	64QAM	1	0	17.16	17.13	17.18	18.5	0
10	64QAM	1	25	17.10	17.09	17.10		
10	64QAM	1	49	17.17	17.08	17.10		
10	64QAM	25	0	17.09	17.16	17.08	18.5	0
10	64QAM	25	12	17.08	17.16	17.06		
10	64QAM	25	25	17.08	17.11	17.08		
10	64QAM	50	0	17.17	17.15	17.15		
10	256QAM	1	0	17.14	17.19	17.10	18.5	0
10	256QAM	1	25	17.17	17.17	17.08		
10	256QAM	1	49	17.07	17.09	17.19		
10	256QAM	25	0	17.09	17.18	17.12	18.5	0
10	256QAM	25	12	17.13	17.18	17.08		
10	256QAM	25	25	17.17	17.12	17.14		
10	256QAM	50	0	17.19	17.18	17.07		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.08	17.21	17.12	18.5	0
5	QPSK	1	12	17.12	17.12	17.15		
5	QPSK	1	24	17.07	17.22	17.13		
5	QPSK	12	0	17.15	17.09	17.06	18.5	0
5	QPSK	12	7	17.13	17.19	17.12		
5	QPSK	12	13	17.18	17.09	17.15		
5	QPSK	25	0	17.18	17.17	17.08		
5	16QAM	1	0	17.13	17.13	17.10	18.5	0
5	16QAM	1	12	17.20	17.12	17.16		
5	16QAM	1	24	17.16	17.15	17.10		
5	16QAM	12	0	17.20	17.22	17.10	18.5	0
5	16QAM	12	7	17.08	17.16	17.14		
5	16QAM	12	13	17.06	17.19	17.19		
5	16QAM	25	0	17.19	17.15	17.19		
5	64QAM	1	0	17.14	17.15	17.09	18.5	0
5	64QAM	1	12	17.10	17.09	17.07		
5	64QAM	1	24	17.17	17.09	17.10		
5	64QAM	12	0	17.11	17.21	17.15	18.5	0
5	64QAM	12	7	17.14	17.22	17.06		
5	64QAM	12	13	17.12	17.09	17.13		
5	64QAM	25	0	17.07	17.17	17.19		
5	256QAM	1	0	17.07	17.13	17.10	18.5	0
5	256QAM	1	12	17.08	17.13	17.14		
5	256QAM	1	24	17.07	17.20	17.14		
5	256QAM	12	0	17.19	17.18	17.07	18.5	0
5	256QAM	12	7	17.16	17.10	17.17		
5	256QAM	12	13	17.12	17.20	17.07		
5	256QAM	25	0	17.10	17.19	17.09		

Band 41_Ant 13

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	17.28	17.56	17.54	17.43	17.50	18.5	0
20	QPSK	1	49	17.20	17.39	17.41	17.25	17.32		
20	QPSK	1	99	17.20	17.48	17.44	17.23	17.36		
20	QPSK	50	0	17.26	17.55	17.51	17.41	17.49	18.5	0
20	QPSK	50	24	17.11	17.50	17.44	17.29	17.38		
20	QPSK	50	50	17.10	17.38	17.45	17.26	17.41		
20	QPSK	100	0	17.25	17.53	17.50	17.38	17.46		
20	16QAM	1	0	17.10	17.49	17.48	17.24	17.43	18.5	0
20	16QAM	1	49	17.11	17.39	17.35	17.23	17.44		
20	16QAM	1	99	17.13	17.51	17.40	17.32	17.44		
20	16QAM	50	0	17.15	17.44	17.38	17.24	17.31	18.5	0
20	16QAM	50	24	17.21	17.41	17.44	17.25	17.45		
20	16QAM	50	50	17.19	17.47	17.37	17.34	17.35		
20	16QAM	100	0	17.21	17.49	17.41	17.30	17.31		
20	64QAM	1	0	17.13	17.47	17.42	17.26	17.44	18.5	0
20	64QAM	1	49	17.11	17.46	17.46	17.24	17.33		
20	64QAM	1	99	17.18	17.39	17.45	17.34	17.32		
20	64QAM	50	0	17.20	17.52	17.49	17.32	17.38	18.5	0
20	64QAM	50	24	17.14	17.46	17.42	17.26	17.38		
20	64QAM	50	50	17.15	17.47	17.44	17.29	17.42		
20	64QAM	100	0	17.21	17.38	17.47	17.34	17.38		
20	256QAM	1	0	17.22	17.41	17.48	17.37	17.36	18.5	0
20	256QAM	1	49	17.12	17.48	17.47	17.36	17.42		
20	256QAM	1	99	17.15	17.45	17.37	17.29	17.34		
20	256QAM	50	0	17.19	17.44	17.35	17.31	17.32	18.5	0
20	256QAM	50	24	17.13	17.46	17.40	17.30	17.40		
20	256QAM	50	50	17.17	17.41	17.40	17.30	17.43		
20	256QAM	100	0	17.19	17.39	17.41	17.28	17.32		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.22	17.46	17.35	17.28	17.31	18.5	0
15	QPSK	1	37	17.10	17.40	17.44	17.35	17.39		
15	QPSK	1	74	17.24	17.42	17.44	17.27	17.45		
15	QPSK	36	0	17.10	17.48	17.42	17.24	17.38	18.5	0
15	QPSK	36	20	17.10	17.44	17.37	17.26	17.36		
15	QPSK	36	39	17.24	17.51	17.36	17.29	17.37		
15	QPSK	75	0	17.16	17.45	17.43	17.31	17.45		
15	16QAM	1	0	17.24	17.45	17.37	17.37	17.31	18.5	0
15	16QAM	1	37	17.10	17.46	17.40	17.35	17.44		
15	16QAM	1	74	17.23	17.41	17.44	17.25	17.38		
15	16QAM	36	0	17.16	17.44	17.38	17.24	17.44	18.5	0
15	16QAM	36	20	17.21	17.50	17.35	17.30	17.45		
15	16QAM	36	39	17.16	17.49	17.47	17.36	17.35		
15	16QAM	75	0	17.16	17.46	17.48	17.32	17.42		
15	64QAM	1	0	17.17	17.48	17.38	17.32	17.34	18.5	0
15	64QAM	1	37	17.20	17.52	17.47	17.23	17.34		
15	64QAM	1	74	17.21	17.45	17.42	17.36	17.35		
15	64QAM	36	0	17.19	17.52	17.43	17.34	17.34	18.5	0
15	64QAM	36	20	17.23	17.45	17.41	17.37	17.45		
15	64QAM	36	39	17.17	17.50	17.38	17.31	17.34		
15	64QAM	75	0	17.11	17.42	17.42	17.24	17.42		
15	256QAM	1	0	17.11	17.39	17.41	17.30	17.32	18.5	0
15	256QAM	1	37	17.22	17.44	17.49	17.35	17.31		
15	256QAM	1	74	17.20	17.47	17.46	17.26	17.42		
15	256QAM	36	0	17.22	17.51	17.39	17.32	17.41	18.5	0
15	256QAM	36	20	17.14	17.48	17.48	17.30	17.36		
15	256QAM	36	39	17.20	17.45	17.35	17.26	17.45		
15	256QAM	75	0	17.13	17.42	17.41	17.26	17.35		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.15	17.46	17.36	17.35	17.45	18.5	0
10	QPSK	1	25	17.17	17.43	17.45	17.25	17.35		
10	QPSK	1	49	17.17	17.46	17.38	17.36	17.45		
10	QPSK	25	0	17.24	17.43	17.40	17.33	17.40	18.5	0
10	QPSK	25	12	17.10	17.49	17.37	17.31	17.32		
10	QPSK	25	25	17.21	17.49	17.40	17.26	17.35		
10	QPSK	50	0	17.21	17.51	17.43	17.25	17.45		
10	16QAM	1	0	17.15	17.38	17.42	17.34	17.33	18.5	0
10	16QAM	1	25	17.18	17.49	17.47	17.37	17.38		
10	16QAM	1	49	17.14	17.41	17.36	17.37	17.32		
10	16QAM	25	0	17.18	17.43	17.46	17.35	17.38	18.5	0
10	16QAM	25	12	17.24	17.41	17.39	17.31	17.39		
10	16QAM	25	25	17.13	17.44	17.37	17.31	17.31		
10	16QAM	50	0	17.15	17.43	17.40	17.31	17.40		
10	64QAM	1	0	17.19	17.40	17.48	17.25	17.35	18.5	0
10	64QAM	1	25	17.21	17.46	17.36	17.29	17.33		
10	64QAM	1	49	17.11	17.44	17.40	17.31	17.38		
10	64QAM	25	0	17.12	17.44	17.40	17.24	17.36	18.5	0
10	64QAM	25	12	17.12	17.41	17.42	17.30	17.38		
10	64QAM	25	25	17.13	17.48	17.45	17.23	17.33		
10	64QAM	50	0	17.24	17.46	17.42	17.24	17.34		
10	256QAM	1	0	17.20	17.49	17.46	17.28	17.38	18.5	0
10	256QAM	1	25	17.14	17.45	17.42	17.24	17.35		
10	256QAM	1	49	17.14	17.47	17.39	17.36	17.43		
10	256QAM	25	0	17.24	17.50	17.37	17.29	17.34	18.5	0
10	256QAM	25	12	17.17	17.42	17.37	17.28	17.31		
10	256QAM	25	25	17.12	17.41	17.35	17.29	17.43		
10	256QAM	50	0	17.20	17.45	17.44	17.30	17.37		
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	17.16	17.50	17.46	17.37	17.35	18.5	0
5	QPSK	1	12	17.21	17.47	17.38	17.27	17.40		
5	QPSK	1	24	17.10	17.42	17.45	17.28	17.45		
5	QPSK	12	0	17.14	17.41	17.38	17.24	17.40	18.5	0
5	QPSK	12	7	17.19	17.45	17.43	17.27	17.44		
5	QPSK	12	13	17.11	17.44	17.41	17.24	17.40		
5	QPSK	25	0	17.17	17.45	17.43	17.32	17.43		
5	16QAM	1	0	17.17	17.40	17.39	17.34	17.45	18.5	0
5	16QAM	1	12	17.21	17.42	17.46	17.35	17.31		
5	16QAM	1	24	17.18	17.46	17.49	17.36	17.43		
5	16QAM	12	0	17.19	17.51	17.38	17.30	17.43	18.5	0
5	16QAM	12	7	17.12	17.43	17.38	17.29	17.32		
5	16QAM	12	13	17.14	17.40	17.40	17.30	17.40		
5	16QAM	25	0	17.12	17.51	17.46	17.36	17.37		
5	64QAM	1	0	17.19	17.50	17.48	17.30	17.39	18.5	0
5	64QAM	1	12	17.10	17.40	17.48	17.31	17.39		
5	64QAM	1	24	17.21	17.39	17.41	17.25	17.33		
5	64QAM	12	0	17.13	17.46	17.36	17.27	17.39	18.5	0
5	64QAM	12	7	17.20	17.42	17.49	17.24	17.35		
5	64QAM	12	13	17.17	17.50	17.42	17.36	17.44		
5	64QAM	25	0	17.13	17.39	17.42	17.34	17.43		
5	256QAM	1	0	17.21	17.50	17.36	17.32	17.45	18.5	0
5	256QAM	1	12	17.12	17.52	17.41	17.34	17.39		
5	256QAM	1	24	17.22	17.47	17.47	17.36	17.36		
5	256QAM	12	0	17.19	17.47	17.42	17.29	17.43	18.5	0
5	256QAM	12	7	17.15	17.51	17.45	17.25	17.41		
5	256QAM	12	13	17.18	17.39	17.43	17.24	17.37		
5	256QAM	25	0	17.20	17.48	17.38	17.37	17.38		

Band 41_Ant 31

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	22.67	22.45	22.48	22.62	23.5	0
20	QPSK	1	49	22.40	22.59	22.39	22.44	22.52		
20	QPSK	1	99	22.43	22.53	22.31	22.31	22.55		
20	QPSK	50	0	22.51	22.65	22.43	22.46	22.60	23.5	0
20	QPSK	50	24	22.35	22.59	22.33	22.34	22.55		
20	QPSK	50	50	22.48	22.56	22.38	22.41	22.56		
20	QPSK	100	0	22.50	22.63	22.41	22.45	22.58		
20	16QAM	1	0	22.46	22.51	22.29	22.39	22.56	23.5	0
20	16QAM	1	49	22.39	22.53	22.37	22.43	22.57		
20	16QAM	1	99	22.39	22.57	22.40	22.38	22.49		
20	16QAM	50	0	21.84	21.99	21.64	21.79	21.89	23	0.5
20	16QAM	50	24	21.86	21.97	21.73	21.82	21.88		
20	16QAM	50	50	21.85	21.96	21.78	21.88	21.78		
20	16QAM	100	0	21.84	21.94	21.72	21.86	21.76		
20	64QAM	1	0	21.52	21.56	21.31	21.47	21.46	23	0.5
20	64QAM	1	49	21.66	21.73	21.42	21.65	21.71		
20	64QAM	1	99	21.60	21.68	21.52	21.55	21.46		
20	64QAM	50	0	20.79	20.93	20.62	20.78	20.81	22	1.5
20	64QAM	50	24	20.79	20.94	20.66	20.80	20.78		
20	64QAM	50	50	20.85	20.96	20.68	20.82	20.74		
20	64QAM	100	0	20.84	20.93	20.71	20.82	20.75		
20	256QAM	1	0	18.90	19.06	18.81	18.90	18.95	20	3.5
20	256QAM	1	49	18.80	19.02	18.72	18.76	18.81		
20	256QAM	1	99	18.77	18.93	18.80	18.88	18.88		
20	256QAM	50	0	18.81	19.03	18.70	18.79	18.90	20	3.5
20	256QAM	50	24	18.88	19.01	18.69	18.89	18.93		
20	256QAM	50	50	18.80	19.05	18.76	18.84	18.86		
20	256QAM	100	0	18.83	18.92	18.72	18.77	18.84		
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	22.42	22.54	22.35	22.37	22.45	23.5	0
15	QPSK	1	37	22.43	22.51	22.33	22.32	22.56		
15	QPSK	1	74	22.35	22.51	22.28	22.37	22.50		
15	QPSK	36	0	22.48	22.52	22.32	22.30	22.57	23.5	0
15	QPSK	36	20	22.38	22.56	22.36	22.40	22.57		
15	QPSK	36	39	22.49	22.56	22.40	22.41	22.55		
15	QPSK	75	0	22.45	22.49	22.28	22.39	22.43		
15	16QAM	1	0	22.36	22.52	22.26	22.41	22.45	23.5	0
15	16QAM	1	37	22.46	22.57	22.39	22.36	22.51		
15	16QAM	1	74	22.38	22.52	22.40	22.36	22.49		
15	16QAM	36	0	21.82	21.84	21.57	21.69	21.82	23	0.5
15	16QAM	36	20	21.78	21.95	21.64	21.69	21.87		
15	16QAM	36	39	21.73	21.93	21.69	21.74	21.67		
15	16QAM	75	0	21.83	21.91	21.63	21.78	21.64		
15	64QAM	1	0	21.46	21.49	21.30	21.37	21.36	23	0.5
15	64QAM	1	37	21.59	21.60	21.33	21.63	21.56		
15	64QAM	1	74	21.53	21.66	21.44	21.52	21.45		
15	64QAM	36	0	20.67	20.86	20.59	20.77	20.68	22	1.5
15	64QAM	36	20	20.71	20.80	20.64	20.70	20.75		
15	64QAM	36	39	20.80	20.82	20.53	20.81	20.67		
15	64QAM	75	0	20.78	20.88	20.64	20.74	20.70		
15	256QAM	1	0	18.75	19.02	18.72	18.75	18.80	20	3.5
15	256QAM	1	37	18.79	19.01	18.60	18.64	18.77		
15	256QAM	1	74	18.72	18.90	18.74	18.80	18.76		
15	256QAM	36	0	18.72	18.90	18.65	18.64	18.85	20	3.5
15	256QAM	36	20	18.75	18.92	18.61	18.83	18.91		
15	256QAM	36	39	18.66	18.96	18.73	18.81	18.84		
15	256QAM	75	0	18.72	18.89	18.59	18.69	18.72		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.46	22.57	22.39	22.40	22.55	23.5	0
10	QPSK	1	25	22.47	22.51	22.35	22.38	22.49		
10	QPSK	1	49	22.45	22.56	22.33	22.33	22.46		
10	QPSK	25	0	22.39	22.56	22.37	22.40	22.45	23.5	0
10	QPSK	25	12	22.48	22.58	22.32	22.42	22.54		
10	QPSK	25	25	22.37	22.52	22.33	22.37	22.45		
10	QPSK	50	0	22.42	22.48	22.30	22.33	22.49		
10	16QAM	1	0	22.43	22.55	22.40	22.37	22.53	23.5	0
10	16QAM	1	25	22.49	22.50	22.36	22.40	22.51		
10	16QAM	1	49	22.40	22.52	22.27	22.43	22.52		
10	16QAM	25	0	21.81	21.89	21.63	21.70	21.78	23	0.5
10	16QAM	25	12	21.72	21.96	21.71	21.76	21.84		
10	16QAM	25	25	21.78	21.90	21.72	21.83	21.73		
10	16QAM	50	0	21.70	21.88	21.59	21.79	21.74		
10	64QAM	1	0	21.39	21.51	21.22	21.45	21.40	23	0.5
10	64QAM	1	25	21.65	21.69	21.39	21.59	21.68		
10	64QAM	1	49	21.45	21.65	21.45	21.52	21.34		
10	64QAM	25	0	20.77	20.91	20.58	20.77	20.68	22	1.5
10	64QAM	25	12	20.70	20.79	20.64	20.69	20.71		
10	64QAM	25	25	20.81	20.87	20.56	20.81	20.73		
10	64QAM	50	0	20.81	20.80	20.57	20.71	20.64		
10	256QAM	1	0	18.77	18.98	18.77	18.83	18.82	20	3.5
10	256QAM	1	25	18.69	18.93	18.67	18.73	18.79		
10	256QAM	1	49	18.69	18.83	18.73	18.83	18.86		
10	256QAM	25	0	18.71	18.90	18.59	18.74	18.88	20	3.5
10	256QAM	25	12	18.77	18.91	18.67	18.74	18.79		
10	256QAM	25	25	18.76	18.95	18.69	18.80	18.73		
10	256QAM	50	0	18.70	18.88	18.66	18.65	18.71		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.46	22.59	22.26	22.34	22.46	23.5	0
5	QPSK	1	12	22.49	22.54	22.40	22.32	22.45		
5	QPSK	1	24	22.44	22.62	22.32	22.39	22.43		
5	QPSK	12	0	22.35	22.58	22.37	22.37	22.50	23.5	0
5	QPSK	12	7	22.47	22.51	22.29	22.43	22.55		
5	QPSK	12	13	22.45	22.53	22.32	22.39	22.52		
5	QPSK	25	0	22.35	22.56	22.31	22.42	22.49		
5	16QAM	1	0	22.41	22.55	22.27	22.42	22.47	23.5	0
5	16QAM	1	12	22.48	22.54	22.33	22.34	22.43		
5	16QAM	1	24	22.35	22.57	22.39	22.38	22.52		
5	16QAM	12	0	21.78	21.92	21.60	21.66	21.76	23	0.5
5	16QAM	12	7	21.74	21.85	21.61	21.67	21.73		
5	16QAM	12	13	21.74	21.88	21.67	21.79	21.70		
5	16QAM	25	0	21.79	21.88	21.69	21.71	21.63		
5	64QAM	1	0	21.37	21.44	21.24	21.43	21.31	23	0.5
5	64QAM	1	12	21.54	21.71	21.39	21.60	21.62		
5	64QAM	1	24	21.56	21.64	21.37	21.40	21.33		
5	64QAM	12	0	20.74	20.80	20.57	20.76	20.70	22	1.5
5	64QAM	12	7	20.75	20.82	20.58	20.75	20.65		
5	64QAM	12	13	20.79	20.85	20.61	20.75	20.69		
5	64QAM	25	0	20.83	20.91	20.69	20.80	20.69		
5	256QAM	1	0	18.76	18.96	18.71	18.78	18.88	20	3.5
5	256QAM	1	12	18.71	18.98	18.68	18.68	18.78		
5	256QAM	1	24	18.76	18.88	18.66	18.77	18.75		
5	256QAM	12	0	18.67	18.98	18.64	18.77	18.77	20	3.5
5	256QAM	12	7	18.86	18.92	18.67	18.84	18.78		
5	256QAM	12	13	18.75	18.93	18.62	18.73	18.80		
5	256QAM	25	0	18.76	18.77	18.61	18.65	18.83		

Band 41_Ant 11

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	17.89	18.12	17.61	17.68	17.81	19	0
20	QPSK	1	49	17.72	18.04	17.54	17.63	17.64		
20	QPSK	1	99	17.82	18.02	17.49	17.59	17.70		
20	QPSK	50	0	17.87	18.10	17.60	17.67	17.80	19	0
20	QPSK	50	24	17.76	18.00	17.48	17.56	17.74		
20	QPSK	50	50	17.78	18.02	17.48	17.61	17.68		
20	QPSK	100	0	17.85	18.08	17.58	17.65	17.78		
20	16QAM	1	0	17.83	17.95	17.43	17.57	17.66	19	0
20	16QAM	1	49	17.75	18.05	17.54	17.56	17.70		
20	16QAM	1	99	17.84	18.00	17.46	17.63	17.77		
20	16QAM	50	0	17.83	18.01	17.54	17.53	17.66	19	0
20	16QAM	50	24	17.72	18.01	17.57	17.63	17.70		
20	16QAM	50	50	17.83	18.00	17.53	17.57	17.67		
20	16QAM	100	0	17.71	18.00	17.53	17.58	17.69		
20	64QAM	1	0	17.75	17.96	17.54	17.59	17.67	19	0
20	64QAM	1	49	17.78	18.04	17.55	17.61	17.68		
20	64QAM	1	99	17.75	18.04	17.50	17.50	17.77		
20	64QAM	50	0	17.76	17.94	17.49	17.58	17.74	19	0
20	64QAM	50	24	17.76	17.93	17.44	17.63	17.66		
20	64QAM	50	50	17.83	18.06	17.54	17.50	17.77		
20	64QAM	100	0	17.76	17.94	17.56	17.55	17.71		
20	256QAM	1	0	17.84	18.04	17.47	17.59	17.66	19	0
20	256QAM	1	49	17.75	17.97	17.49	17.61	17.75		
20	256QAM	1	99	17.79	17.96	17.57	17.63	17.75		
20	256QAM	50	0	17.82	17.96	17.53	17.62	17.66	19	0
20	256QAM	50	24	17.75	17.93	17.56	17.60	17.71		
20	256QAM	50	50	17.84	17.95	17.51	17.63	17.64		
20	256QAM	100	0	17.71	18.01	17.44	17.61	17.74		
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	17.82	17.95	17.46	17.61	17.69	19	0
15	QPSK	1	37	17.84	18.06	17.48	17.56	17.69		
15	QPSK	1	74	17.71	18.00	17.55	17.51	17.63		
15	QPSK	36	0	17.82	17.97	17.48	17.57	17.68	19	0
15	QPSK	36	20	17.84	18.01	17.44	17.61	17.75		
15	QPSK	36	39	17.72	18.02	17.56	17.59	17.77		
15	QPSK	75	0	17.78	17.95	17.52	17.64	17.73		
15	16QAM	1	0	17.77	17.97	17.49	17.50	17.68	19	0
15	16QAM	1	37	17.78	18.04	17.55	17.54	17.75		
15	16QAM	1	74	17.75	18.04	17.47	17.64	17.75		
15	16QAM	36	0	17.84	18.00	17.55	17.58	17.68	19	0
15	16QAM	36	20	17.72	17.94	17.45	17.57	17.64		
15	16QAM	36	39	17.83	18.02	17.43	17.52	17.65		
15	16QAM	75	0	17.71	17.93	17.44	17.62	17.63		
15	64QAM	1	0	17.71	18.04	17.49	17.51	17.75	19	0
15	64QAM	1	37	17.71	18.04	17.51	17.55	17.72		
15	64QAM	1	74	17.83	18.06	17.48	17.55	17.70		

Band 42 Part27Q_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	17.31	17.33	17.30	17.7	0
20	QPSK	1	49	17.18	17.25	17.12		
20	QPSK	1	99	17.19	17.15	17.21		
20	QPSK	50	0	17.30	17.31	17.28		
20	QPSK	50	24	17.13	17.18	17.14	17.7	0
20	QPSK	50	50	17.22	17.23	17.21		
20	QPSK	100	0	17.27	17.29	17.25		
20	16QAM	1	0	17.25	17.18	17.19		
20	16QAM	1	49	17.18	17.22	17.22	17.7	0
20	16QAM	1	99	17.22	17.19	17.15		
20	16QAM	50	0	17.14	17.28	17.17		
20	16QAM	50	24	17.16	17.15	17.19	17.7	0
20	16QAM	50	50	17.23	17.27	17.16		
20	16QAM	100	0	17.26	17.27	17.21		
20	64QAM	1	0	17.23	17.19	17.17	17.7	0
20	64QAM	1	49	17.15	17.25	17.22		
20	64QAM	1	99	17.18	17.24	17.18		
20	64QAM	50	0	17.25	17.18	17.22		
20	64QAM	50	24	17.18	17.27	17.13	17.7	0
20	64QAM	50	50	17.19	17.17	17.17		
20	64QAM	100	0	17.18	17.17	17.21		
20	256QAM	1	0	17.19	17.23	17.19	17.7	0
20	256QAM	1	49	17.26	17.21	17.12		
20	256QAM	1	99	17.16	17.26	17.14		
20	256QAM	50	0	17.12	17.25	17.16		
20	256QAM	50	24	17.14	17.27	17.17	17.7	0
20	256QAM	50	50	17.14	17.23	17.23		
20	256QAM	100	0	17.24	17.15	17.22		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	17.21	17.19	17.18	17.7	0
15	QPSK	1	37	17.14	17.27	17.19		
15	QPSK	1	74	17.13	17.16	17.13		
15	QPSK	36	0	17.25	17.17	17.19		
15	QPSK	36	20	17.21	17.25	17.10	17.7	0
15	QPSK	36	39	17.25	17.18	17.13		
15	QPSK	75	0	17.15	17.20	17.19		
15	16QAM	1	0	17.16	17.14	17.18		
15	16QAM	1	37	17.12	17.18	17.14	17.7	0
15	16QAM	1	74	17.25	17.21	17.16		
15	16QAM	36	0	17.19	17.21	17.12		
15	16QAM	36	20	17.15	17.14	17.12	17.7	0
15	16QAM	36	39	17.21	17.24	17.24		
15	16QAM	75	0	17.25	17.27	17.13		
15	64QAM	1	0	17.18	17.28	17.17		
15	64QAM	1	37	17.20	17.24	17.15	17.7	0
15	64QAM	1	74	17.16	17.15	17.15		
15	64QAM	36	0	17.18	17.23	17.21		
15	64QAM	36	20	17.17	17.23	17.20	17.7	0
15	64QAM	36	39	17.24	17.25	17.18		
15	64QAM	75	0	17.25	17.21	17.11		
15	256QAM	1	0	17.16	17.25	17.23		
15	256QAM	1	37	17.14	17.20	17.19	17.7	0
15	256QAM	1	74	17.25	17.16	17.24		
15	256QAM	36	0	17.13	17.21	17.17		
15	256QAM	36	20	17.15	17.24	17.13	17.7	0
15	256QAM	36	39	17.21	17.23	17.23		
15	256QAM	75	0	17.18	17.20	17.17		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	17.22	17.26	17.18	17.7	0
10	QPSK	1	25	17.26	17.27	17.12		
10	QPSK	1	49	17.14	17.15	17.19		
10	QPSK	25	0	17.13	17.23	17.22		
10	QPSK	25	12	17.19	17.20	17.14	17.7	0
10	QPSK	25	25	17.15	17.18	17.10		
10	QPSK	50	0	17.17	17.17	17.12		
10	16QAM	1	0	17.13	17.16	17.20		
10	16QAM	1	25	17.16	17.21	17.24	17.7	0
10	16QAM	1	49	17.19	17.27	17.20		
10	16QAM	25	0	17.22	17.28	17.10		
10	16QAM	25	12	17.18	17.26	17.16	17.7	0
10	16QAM	25	25	17.15	17.24	17.13		
10	16QAM	50	0	17.22	17.26	17.24		
10	64QAM	1	0	17.14	17.16	17.21		
10	64QAM	1	25	17.13	17.21	17.11	17.7	0
10	64QAM	1	49	17.22	17.14	17.20		
10	64QAM	25	0	17.23	17.16	17.21		
10	64QAM	25	12	17.15	17.24	17.19	17.7	0
10	64QAM	25	25	17.12	17.25	17.18		
10	64QAM	50	0	17.13	17.20	17.17		
10	256QAM	1	0	17.16	17.22	17.23		
10	256QAM	1	25	17.26	17.18	17.22	17.7	0
10	256QAM	1	49	17.19	17.21	17.24		
10	256QAM	25	0	17.14	17.26	17.10		
10	256QAM	25	12	17.16	17.23	17.22	17.7	0
10	256QAM	25	25	17.20	17.25	17.24		
10	256QAM	50	0	17.15	17.24	17.21		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	17.14	17.26	17.23	17.7	0
5	QPSK	1	12	17.26	17.27	17.14		
5	QPSK	1	24	17.26	17.23	17.12		
5	QPSK	12	0	17.21	17.25	17.19	17.7	0
5	QPSK	12	7	17.21	17.25	17.21		
5	QPSK	12	13	17.26	17.18	17.24		
5	QPSK	25	0	17.14	17.16	17.10		
5	16QAM	1	0	17.25	17.27	17.14		
5	16QAM	1	12	17.26	17.21	17.12	17.7	0
5	16QAM	1	24	17.14	17.26	17.21		
5	16QAM	12	0	17.15	17.18	17.20		
5	16QAM	12	7	17.23	17.15	17.13	17.7	0
5	16QAM	12	13	17.14	17.27	17.19		
5	16QAM	25	0	17.16	17.21	17.17		
5	64QAM	1	0	17.18	17.28	17.14		
5	64QAM	1	12	17.20	17.17	17.11	17.7	0
5	64QAM	1	24	17.15	17.25	17.16		
5	64QAM	12	0	17.20	17.22	17.16		
5	64QAM	12	7	17.19	17.14	17.18	17.7	0
5	64QAM	12	13	17.25	17.19	17.21		
5	64QAM	25	0	17.20	17.21	17.12		
5	256QAM	1	0	17.13	17.20	17.10		
5	256QAM	1	12	17.20	17.22	17.13	17.7	0
5	256QAM	1	24	17.25	17.16	17.10		
5	256QAM	12	0	17.21	17.24	17.14		
5	256QAM	12	7	17.13	17.22	17.10	17.7	0
5	256QAM	12	13	17.12	17.19	17.14		
5	256QAM	25	0	17.21	17.16	17.15		

Band 42 Part27Q_Ant 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	18.95	19.09	19.05	19.5	0
20	QPSK	1	49	18.84	18.94	18.95		
20	QPSK	1	99	18.77	18.96	18.97		
20	QPSK	50	0	18.93	19.07	19.03		
20	QPSK	50	24	18.88	18.99	18.99	19.5	0
20	QPSK	50	50	18.78	19.00	18.97		
20	QPSK	100	0	18.91	19.05	19.01		
20	16QAM	1	0	18.79	18.96	18.86		
20	16QAM	1	49	18.82	18.99	19.00	19.5	0
20	16QAM	1	99	18.84	18.92	18.91		
20	16QAM	50	0	18.78	18.95	18.94		
20	16QAM	50	24	18.90	19.00	18.86	19.5	0
20	16QAM	50	50	18.89	18.92	18.91		
20	16QAM	100	0	18.76	18.95	18.91		
20	64QAM	1	0	18.90	18.93	18.98		
20	64QAM	1	49	18.83	19.04	19.00	19.5	0
20	64QAM	1	99	18.84	19.02	18.96		
20	64QAM	50	0	18.81	18.92	18.91		
20	64QAM	50	24	18.76	18.91	18.97	19.5	0
20	64QAM	50	50	18.87	18.90	18.92		
20	64QAM	100	0	18.76	18.90	18.99		
20	256QAM	1	0	18.06	18.21	18.15		
20	256QAM	1	49	18.20	18.36	18.31	19	0.5
20	256QAM	1	99	18.08	18.27	18.20		
20	256QAM	50	0	18.30	18.47	18.40		
20	256QAM	50	24	18.35	18.50	18.46	19	0.5
20	256QAM	50	50	18.33	18.51	18.44		
20	256QAM	100	0	18.25	18.43	18.40		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	18.78	19.04	18.95	19.5	0
15	QPSK	1	37	18.79	18.98	18.91		
15	QPSK	1	74	18.89	19.04	18.99		
15	QPSK	36	0	18.80	18.94	18.89		
15	QPSK	36	20	18.83	19.03	18.92	19.5	0
15	QPSK	36	39	18.77	19.02	18.86		
15	QPSK	75	0	18.86	19.03	18.99		
15	16QAM	1	0	18.76	19.03	18.98		
15	16QAM	1	37	18.86	18.91	18.90	19.5	0
15	16QAM	1	74	18.88	19.01	18.95		
15	16QAM	36	0	18.84	18.90	18.97		
15	16QAM	36	20	18.87	19.03	19.00	19.5	0
15	16QAM	36	39	18.83	18.96	18.91		
15	16QAM	75	0	18.77	18.99	18.92		
15	64QAM	1	0	18.79	19.02	18.92		
15	64QAM	1	37	18.81	19.01	18.93	19.5	0
15	64QAM	1	74	18.87	18.91	18.94		
15	64QAM	36	0	18.90	19.02	18.94		
15	64QAM	36	20	18.80	18.96	18.86	19.5	0
15	64QAM	36	39	18.84	18.98	18.97		
15	64QAM	75	0	18.78	18.98	18.94		
15	256QAM	1	0	18.00	18.13	18.07		
15	256QAM	1	37	18.15	18.31	18.31	19	0.5
15	256QAM	1	74	17.99	18.21	18.15		
15	256QAM	36	0	18.20	18.40	18.25		
15	256QAM	36	20	18.28	18.50	18.33	19	0.5
15	256QAM	36	39	18.27	18.45	18.36		
15	256QAM	75	0	18.16	18.42	18.37		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	18.87	18.96	18.92	19.5	0
10	QPSK	1	25	18.89	18.97	18.88		
10	QPSK	1	49	18.89	19.01	18.88		
10	QPSK	25	0	18.78	19.02	18.99		
10	QPSK	25	12	18.88	18.96	18.95	19.5	0
10	QPSK	25	25	18.89	19.01	18.89		
10	QPSK	50	0	18.78	18.94	18.94		
10	16QAM	1	0	18.82	19.03	18.98		
10	16QAM	1	25	18.81	18.95	18.88	19.5	0
10	16QAM	1	49	18.81	18.96	18.90		
10	16QAM	25	0	18.86	18.90	18.92		
10	16QAM	25	12	18.79	18.97	18.97	19.5	0
10	16QAM	25	25	18.90	18.99	18.90		
10	16QAM	50	0	18.88	19.01	18.99		
10	64QAM	1	0	18.85	18.93	18.87		
10	64QAM	1	25	18.88	18.92	18.94	19.5	0
10	64QAM	1	49	18.80	18.90	19.00		
10	64QAM	25	0	18.88	18.93	18.91		
10	64QAM	25	12	18.77	18.93	18.86	19.5	0
10	64QAM	25	25	18.82	19.00	18.99		
10	64QAM	50	0	18.81	18.96	18.87		
10	256QAM	1	0	17.98	18.11	18.07		
10	256QAM	1	25	18.09	18.32	18.30	19	0.5
10	256QAM	1	49	18.04	18.27	18.14		
10	256QAM	25	0	18.30	18.38	18.35		
10	256QAM	25	12	18.30	18.37	18.43	19	0.5
10	256QAM	25	25	18.30	18.37	18.36		
10	256QAM	50	0	18.19	18.35	18.33		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	18.89	18.99	18.99	19.5	0
5	QPSK	1	12	18.76	18.94	18.97		
5	QPSK	1	24	18.82	19.02	18.95		
5	QPSK	12	0	18.89	18.93	18.93		
5	QPSK	12	7	18.77	18.97	18.89	19.5	0
5	QPSK	12	13	18.80	18.94	18.88		
5	QPSK	25	0	18.85	18.94	18.98		
5	16QAM	1	0	18.77	18.92	19.00		
5	16QAM	1	12	18.89	19.00	18.95	19.5	0
5	16QAM	1	24	18.77	18.94	18.87		
5	16QAM	12	0	18.87	18.90	18.95		
5	16QAM	12	7	18.83	18.91	18.91	19.5	0
5	16QAM	12	13	18.87	18.96	18.89		
5	16QAM	25	0	18.83	18.92	18.91		
5	64QAM	1	0	18.89	19.01	18.89		
5	64QAM	1	12	18.84	18.98	18.99	19.5	0
5	64QAM	1	24	18.89	19.04	18.93		
5	64QAM	12	0	18.89	18.95	18.99		
5	64QAM	12	7	18.88	19.00	18.87	19.5	0
5	64QAM	12	13	18.86	18.91	18.89		
5	64QAM	25	0	18.82	18.93	18.94		
5	256QAM	1	0	17.96	18.13	18.06		
5	256QAM	1	12	18.12	18.35	18.20	19	0.5
5	256QAM	1	24	18.01	18.26	18.07		
5	256QAM	12	0	18.23	18.32	18.28		
5	256QAM	12	7	18.24	18.37	18.45	19	0.5
5	256QAM	12	13	18.33	18.40	18.37		
5	256QAM	25	0	18.19	18.40	18.37		

Band 42 Part27Q_Ant 21

BW [MHz]	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	19.30	19.33	19.18	20	0
20	QPSK	1	49	19.11	19.21	19.08		
20	QPSK	1	99	19.14	19.28	19.12		
20	QPSK	50	0	19.28	19.31	19.16		
20	QPSK	50	24	19.17	19.28	19.00	20	0
20	QPSK	50	50	19.12	19.27	19.13		
20	QPSK	100	0	19.26	19.30	19.15		
20	16QAM	1	0	19.25	19.21	19.05		
20	16QAM	1	49	19.16	19.23	19.01	20	0
20	16QAM	1	99	19.11	19.21	19.10		
20	16QAM	50	0	18.12	18.13	17.94		
20	16QAM	50	24	18.11	18.14	17.95	19	1
20	16QAM	50	50	18.10	18.15	17.95		
20	16QAM	100	0	18.10	18.14	17.92		
20	64QAM	1	0	17.73	17.75	17.53	19	1
20	64QAM	1	49	17.69	17.73	17.53		
20	64QAM	1	99	17.71	17.72	17.53		
20	64QAM	50	0	17.05	17.10	16.92		
20	64QAM	50	24	17.07	17.11	16.92	18	2
20	64QAM	50	50	17.07	17.12	16.92		
20	64QAM	100	0	17.10	17.12	16.92		
20	256QAM	1	0	14.96	14.97	14.79	16	4
20	256QAM	1	49	14.94	14.94	14.74		
20	256QAM	1	99	14.89	14.92	14.75		
20	256QAM	50	0	15.11	15.15	14.94		
20	256QAM	50	24	15.16	15.18	15.00	16	4
20	256QAM	50	50	15.19	15.19	15.00		
20	256QAM	100	0	15.12	15.14	14.92		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.20	19.22	19.03	20	0
15	QPSK	1	37	19.24	19.17	19.06		
15	QPSK	1	74	19.24	19.19	19.11		
15	QPSK	36	0	19.16	19.29	19.04		
15	QPSK	36	20	19.15	19.29	19.12	20	0
15	QPSK	36	39	19.23	19.21	19.04		
15	QPSK	75	0	19.17	19.28	19.00		
15	16QAM	1	0	19.18	19.23	19.13		
15	16QAM	1	37	19.15	19.20	19.10	20	0
15	16QAM	1	74	19.20	19.16	19.06		
15	16QAM	36	0	18.06	18.04	17.88		
15	16QAM	36	20	18.02	18.02	17.88	19	1
15	16QAM	36	39	17.98	18.05	17.80		
15	16QAM	75	0	17.99	18.06	17.79		
15	64QAM	1	0	17.62	17.61	17.42		
15	64QAM	1	37	17.54	17.64	17.41	19	1
15	64QAM	1	74	17.65	17.59	17.38		
15	64QAM	36	0	16.98	17.01	16.86		
15	64QAM	36	20	16.95	17.04	16.78	18	2
15	64QAM	36	39	17.00	16.98	16.87		
15	64QAM	75	0	16.99	17.05	16.85		
15	256QAM	1	0	14.91	14.84	14.74		
15	256QAM	1	37	14.91	14.84	14.62	16	4
15	256QAM	1	74	14.84	14.92	14.71		
15	256QAM	36	0	15.01	15.07	14.86		
15	256QAM	36	20	15.03	15.03	14.86	16	4
15	256QAM	36	39	15.13	15.11	14.92		
15	256QAM	75	0	15.02	15.13	14.85		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.24	19.16	19.07	20	0
10	QPSK	1	25	19.22	19.25	19.07		
10	QPSK	1	49	19.12	19.19	19.00		
10	QPSK	25	0	19.16	19.20	19.07		
10	QPSK	25	12	19.15	19.20	19.03	20	0
10	QPSK	25	25	19.16	19.21	19.01		
10	QPSK	50	0	19.21	19.21	19.11		
10	16QAM	1	0	19.17	19.26	19.10		
10	16QAM	1	25	19.13	19.28	19.12	20	0
10	16QAM	1	49	19.15	19.29	19.02		
10	16QAM	25	0	17.98	18.08	17.83		
10	16QAM	25	12	17.96	18.02	17.83	19	1
10	16QAM	25	25	17.98	18.07	17.86		
10	16QAM	50	0	17.98	18.08	17.87		
10	64QAM	1	0	17.67	17.68	17.48		
10	64QAM	1	25	17.67	17.64	17.40	19	1
10	64QAM	1	49	17.60	17.58	17.46		
10	64QAM	25	0	16.94	16.98	16.77		
10	64QAM	25	12	16.98	16.96	16.86	18	2
10	64QAM	25	25	16.93	17.03	16.78		
10	64QAM	50	0	16.96	17.06	16.80		
10	256QAM	1	0	14.82	14.83	14.65		
10	256QAM	1	25	14.93	14.93	14.68	16	4
10	256QAM	1	49	14.86	14.90	14.73		
10	256QAM	25	0	14.99	15.01	14.85		
10	256QAM	25	12	15.10	15.13	14.98	16	4
10	256QAM	25	25	15.16	15.05	15.00		
10	256QAM	50	0	15.05	15.11	14.87		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.13	19.18	19.10	20	0
5	QPSK	1	12	19.13	19.25	19.12		
5	QPSK	1	24	19.20	19.23	19.01		
5	QPSK	12	0	19.19	19.22	19.00		
5	QPSK	12	7	19.17	19.15	19.09	20	0
5	QPSK	12	13	19.18	19.28	19.11		
5	QPSK	25	0	19.15	19.15	19.09		
5	16QAM	1	0	19.23	19.22	19.11		
5	16QAM	1	12	19.15	19.25	19.12	20	0
5	16QAM	1	24	19.24	19.16	19.09		
5	16QAM	12	0	18.07	18.00	17.88		
5	16QAM	12	7	18.01	17.99	17.89	19	1
5	16QAM	12	13	17.99	18.08	17.90		
5	16QAM	25	0	18.02	18.04	17.77		
5	64QAM	1	0	17.67	17.62	17.44		
5	64QAM	1	12	17.60	17.61	17.41	19	1
5	64QAM	1	24	17.62	17.57	17.44		
5	64QAM	12	0	16.94	16.97	16.82		
5	64QAM	12	7	17.01	16.97	16.82	18	2
5	64QAM	12	13	16.96	17.07	16.83		
5	64QAM	25	0	17.00	17.01	16.78		
5	256QAM	1	0	14.91	14.92	14.64		
5	256QAM	1	12	14.93	14.90	14.64	16	4
5	256QAM	1	24	14.89	14.88	14.73		
5	256QAM	12	0	15.03	15.06	14.81		
5	256QAM	12	7	15.12	15.12	15.00	16	4
5	256QAM	12	13	15.12	15.19	15.00		
5	256QAM	25	0	15.09	15.06	14.90		

Band 42 Part27Q_Ant 23

BW [MHz]	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	19.92	19.94	19.89	21	0
20	QPSK	1	49	19.90	19.91	19.88		
20	QPSK	1	99	19.84	19.83	19.80		
20	QPSK	50	0	18.85	18.86	18.84		
20	QPSK	50	24	18.84	18.84	18.83	20	1
20	QPSK	50	50	18.79	18.80	18.76		
20	QPSK	100	0	18.83	18.85	18.81		
20	16QAM	1	0	18.87	18.88	18.87		
20	16QAM	1	49	18.87	18.88	18.86	20	1
20	16QAM	1	99	18.88	18.90	18.90		
20	16QAM	50	0	17

Full & Default Power Mode

n2_Ant 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.11	23.13	23.10	24.2	0.0
20	PI/2 BPSK	1	53	23.01	23.10	23.08		
20	PI/2 BPSK	1	104	23.01	23.06	22.99		
20	PI/2 BPSK	50	0	22.63	22.68	22.61	23.7	0.5
20	PI/2 BPSK	50	28	23.10	23.11	23.09	24.2	0.0
20	PI/2 BPSK	50	56	22.53	22.53	22.58	23.7	0.5
20	PI/2 BPSK	100	0	22.48	22.67	22.47		
20	QPSK	1	1	23.13	23.15	23.11	24.2	0.0
20	QPSK	1	53	23.00	23.12	23.02		
20	QPSK	1	104	23.05	23.10	23.09		
20	QPSK	50	0	22.15	22.16	22.13	23.2	1.0
20	QPSK	50	28	23.11	23.13	23.10	24.2	0.0
20	QPSK	50	56	22.13	22.15	22.11	23.2	1.0
20	QPSK	100	0	22.13	22.15	22.11		
20	16QAM	1	1	21.85	21.95	21.84	23.2	1.0
20	64QAM	1	1	20.50	20.56	20.45	21.7	2.5
20	256QAM	1	1	19.02	19.15	19.14	19.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.10	23.04	23.02	24.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.06	23.04	23.06	24.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.00	23.08	23.06	24.2	0.0

n2_Ant 31

BW [MHz]	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	23.03	23.00	24.0	0.0
20	PI/2 BPSK	1	53	23.00	22.96	22.94		
20	PI/2 BPSK	1	104	22.91	22.91	22.85		
20	PI/2 BPSK	50	0	22.50	22.53	22.48	23.5	0.5
20	PI/2 BPSK	50	28	23.00	23.01	22.98	24.0	0.0
20	PI/2 BPSK	50	56	22.40	22.47	22.47	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.38	22.34		
20	QPSK	1	1	23.03	23.05	23.02	24.0	0.0
20	QPSK	1	53	22.96	22.92	22.98		
20	QPSK	1	104	22.97	22.91	23.01		
20	QPSK	50	0	21.88	22.00	21.96	23.0	1.0
20	QPSK	50	28	23.01	23.03	23.00	24.0	0.0
20	QPSK	50	56	21.89	21.98	22.00	23.0	1.0
20	QPSK	100	0	22.03	22.05	22.02		
20	16QAM	1	1	21.83	21.91	21.81	23.0	1.0
20	64QAM	1	1	20.37	20.43	20.36	21.5	2.5
20	256QAM	1	1	19.02	19.03	18.94	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.94	22.96	22.91	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.98	22.95	22.88	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	22.92	22.92	22.90	24.0	0.0

n2_Ant 11

BW [MHz]	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	23.30	23.33	23.28	24.2	0.0
20	PI/2 BPSK	1	53	23.19	23.22	23.26		
20	PI/2 BPSK	1	104	23.28	23.19	23.18		
20	PI/2 BPSK	50	0	22.83	22.85	22.81	23.7	0.5
20	PI/2 BPSK	50	28	23.28	23.31	23.27	24.2	0.0
20	PI/2 BPSK	50	56	22.73	22.83	22.66	23.7	0.5
20	PI/2 BPSK	100	0	22.74	22.78	22.71		
20	QPSK	1	1	23.33	23.35	23.31	24.2	0.0
20	QPSK	1	53	23.28	23.30	23.28		
20	QPSK	1	104	23.29	23.33	23.29		
20	QPSK	50	0	22.29	22.22	22.16	23.2	1.0
20	QPSK	50	28	23.31	23.33	23.30	24.2	0.0
20	QPSK	50	56	22.22	22.20	22.20	23.2	1.0
20	QPSK	100	0	22.30	22.32	22.28		
20	16QAM	1	1	22.02	22.06	21.99	23.2	1.0
20	64QAM	1	1	20.53	20.63	20.56	21.7	2.5
20	256QAM	1	1	19.09	19.16	19.13	19.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.21	23.24	23.15	24.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.27	23.29	23.15	24.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.27	23.28	24.2	0.0

n5_Ant 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.11	24.13	24.10	25.0	0.0
20	PI/2 BPSK	1	53	24.02	24.01	24.05		
20	PI/2 BPSK	1	104	24.09	24.10	24.00		
20	PI/2 BPSK	50	0	23.73	23.75	23.71	24.5	0.5
20	PI/2 BPSK	50	28	24.09	24.10	24.08	25.0	0.0
20	PI/2 BPSK	50	56	23.63	23.68	23.57	24.5	0.5
20	PI/2 BPSK	100	0	23.58	23.73	23.56		
20	QPSK	1	1	24.13	24.15	24.12	25.0	0.0
20	QPSK	1	53	24.03	24.06	23.99		
20	QPSK	1	104	24.12	24.02	23.99		
20	QPSK	50	0	23.01	23.13	23.07	24.0	1.0
20	QPSK	50	28	24.11	24.13	24.11	25.0	0.0
20	QPSK	50	56	22.98	23.10	23.06	24.0	1.0
20	QPSK	100	0	23.13	23.15	23.11		
20	16QAM	1	1	22.79	22.90	22.81	24.0	1.0
20	64QAM	1	1	21.42	21.48	21.40	22.5	2.5
20	256QAM	1	1	20.05	20.08	19.95	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.02	24.00	24.06	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.99	24.01	24.01	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.07	24.11	24.02	25.0	0.0

n5_Ant 31

BW [MHz]	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	24.33	24.36	24.31	25.3	0.0
20	PI/2 BPSK	1	53	24.20	24.33	24.16		
20	PI/2 BPSK	1	104	24.28	24.23	24.18		
20	PI/2 BPSK	50	0	23.93	23.95	23.90	24.8	0.5
20	PI/2 BPSK	50	28	24.31	24.33	24.30	25.3	0.0
20	PI/2 BPSK	50	56	23.85	23.93	23.78	24.8	0.5
20	PI/2 BPSK	100	0	23.87	23.94	23.78		
20	QPSK	1	1	24.36	24.38	24.35	25.3	0.0
20	QPSK	1	53	24.24	24.37	24.22		
20	QPSK	1	104	24.27	24.26	24.27		
20	QPSK	50	0	23.33	23.25	23.20	24.3	1.0
20	QPSK	50	28	24.33	24.35	24.31	25.3	0.0
20	QPSK	50	56	23.27	23.21	23.18	24.3	1.0
20	QPSK	100	0	23.35	23.36	23.33		
20	16QAM	1	1	22.98	23.13	22.99	24.3	1.0
20	64QAM	1	1	21.58	21.67	21.64	22.8	2.5
20	256QAM	1	1	20.12	20.25	20.15	20.8	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.21	24.33	24.30	25.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.18	24.34	24.25	25.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.19	24.31	24.22	25.3	0.0

n7_Ant 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.26	23.28	23.25	24.2	0.0
50	PI/2 BPSK	1	135	23.19	23.19	23.10		
50	PI/2 BPSK	1	268	23.11	23.18	23.20		
50	PI/2 BPSK	135	0	22.88	22.90	22.87	23.7	0.5
50	PI/2 BPSK	135	68	23.25	23.26	23.23	24.2	0.0
50	PI/2 BPSK	135	135	22.74	22.81	22.82	23.7	0.5
50	PI/2 BPSK	270	0	22.76	22.83	22.77		
50	QPSK	1	1	23.31	23.35	23.30	24.2	0.0
50	QPSK	1	135	23.17	23.25	23.29		
50	QPSK	1	268	23.16	23.28	23.16		
50	QPSK	135	0	22.32	22.26	22.22	23.2	1.0
50	QPSK	135	68	23.30	23.33	23.28	24.2	0.0
50	QPSK	135	135	22.24	22.23	22.27	23.2	1.0
50	QPSK	270	0	22.33	22.35	22.31		
50	16QAM	1	1	21.81	21.95	21.82	23.2	1.0
50	64QAM	1	1	20.46	20.51	20.36	21.7	2.5
50	256QAM	1	1	19.05	19.10	19.06	19.7	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.16	23.19	23.27	24.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.16	23.29	23.24	24.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.23	23.25	23.14	24.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.23	23.23	23.20	24.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.20	23.32	23.24	24.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.16	23.27	23.14	24.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.23	23.26	23.25	24.2	0.0

n7_Ant 31

BW [MHz]	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	23.50	23.52	23.48	24.4	0.0
50	Pi/2 BPSK	1	135	23.36	23.42	23.34		
50	Pi/2 BPSK	1	268	23.38	23.51	23.35		
50	Pi/2 BPSK	135	0	23.01	23.03	23.00	23.9	0.5
50	Pi/2 BPSK	135	68	23.48	23.50	23.47	24.4	0.0
50	Pi/2 BPSK	135	135	22.88	23.01	22.90	23.9	0.5
50	Pi/2 BPSK	270	0	22.96	22.89	22.95		
50	QPSK	1	1	23.53	23.55	23.51	24.4	0.0
50	QPSK	1	135	23.51	23.43	23.40		
50	QPSK	1	268	23.46	23.50	23.49		
50	QPSK	135	0	22.43	22.40	22.42	23.4	1.0
50	QPSK	135	68	23.51	23.53	23.50	24.4	0.0
50	QPSK	135	135	22.46	22.44	22.34	23.4	1.0
50	QPSK	270	0	22.48	22.50	22.47		
50	16QAM	1	1	22.13	22.16	22.04	23.4	1.0
50	64QAM	1	1	20.60	20.62	20.57	21.9	2.5
50	256QAM	1	1	19.25	19.26	19.11	19.9	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.42	23.41	23.43	24.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.38	23.41	23.37	24.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.43	23.38	23.36	24.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.36	23.39	23.41	24.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.44	23.49	23.48	24.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.37	23.40	23.44	24.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.42	23.39	23.46	24.4	0.0

n7_Ant 11

BW [MHz]	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	23.38	23.40	23.37	24.4	0.0
50	Pi/2 BPSK	1	135	23.23	23.37	23.35		
50	Pi/2 BPSK	1	268	23.29	23.39	23.34		
50	Pi/2 BPSK	135	0	22.93	22.95	22.90	23.9	0.5
50	Pi/2 BPSK	135	68	23.36	23.38	23.35	24.4	0.0
50	Pi/2 BPSK	135	135	22.92	22.85	22.75	23.9	0.5
50	Pi/2 BPSK	270	0	22.88	22.88	22.77		
50	QPSK	1	1	23.41	23.43	23.40	24.4	0.0
50	QPSK	1	135	23.26	23.36	23.34		
50	QPSK	1	268	23.36	23.38	23.38		
50	QPSK	135	0	22.20	22.25	22.23	23.4	1.0
50	QPSK	135	68	23.38	23.41	23.37	24.4	0.0
50	QPSK	135	135	22.19	22.27	22.23	23.4	1.0
50	QPSK	270	0	22.33	22.35	22.31		
50	16QAM	1	1	22.04	22.15	22.12	23.4	1.0
50	64QAM	1	1	20.42	20.56	20.46	21.9	2.5
50	256QAM	1	1	19.15	19.16	19.15	19.9	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.36	23.29	23.23	24.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.28	23.27	23.34	24.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.25	23.26	23.28	24.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.24	23.40	23.36	24.4	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	23.29	23.22	24.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.36	23.37	23.34	24.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.37	23.37	23.33	24.4	0.0

n26_Ant 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	Pi/2 BPSK	1	1	23.85	23.87	23.83	24.7	0.0
20	Pi/2 BPSK	1	53	23.81	23.75	23.76		
20	Pi/2 BPSK	1	104	23.77	23.85	23.76		
20	Pi/2 BPSK	50	0	23.43	23.44	23.40	24.2	0.5
20	Pi/2 BPSK	50	28	23.83	23.85	23.81	24.7	0.0
20	Pi/2 BPSK	50	56	23.34	23.32	23.35	24.2	0.5
20	Pi/2 BPSK	100	0	23.31	23.35	23.39		
20	QPSK	1	1	23.89	23.90	23.87	24.7	0.0
20	QPSK	1	53	23.82	23.86	23.85		
20	QPSK	1	104	23.87	23.82	23.80		
20	QPSK	50	0	22.78	22.80	22.77	23.7	1.0
20	QPSK	50	28	23.86	23.88	23.85	24.7	0.0
20	QPSK	50	56	22.77	22.77	22.82	23.7	1.0
20	QPSK	100	0	22.86	22.88	22.85		
20	16QAM	1	1	22.58	22.60	22.58	23.7	1.0
20	64QAM	1	1	21.10	21.16	21.03	22.2	2.5
20	256QAM	1	1	19.74	19.80	19.75	20.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.82	23.82	23.78	24.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.75	23.86	23.78	24.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.80	23.84	23.70	24.7	0.0

n26_Ant 31

BW [MHz]	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	24.05	24.07	24.03	25.0	0.0
20	PI/2 BPSK	1	53	23.90	23.99	24.01		
20	PI/2 BPSK	1	104	23.92	24.04	23.99		
20	PI/2 BPSK	50	0	23.63	23.65	23.60	24.5	0.5
20	PI/2 BPSK	50	28	24.03	24.05	24.01	25.0	0.0
20	PI/2 BPSK	50	56	23.61	23.64	23.47	24.5	0.5
20	PI/2 BPSK	100	0	23.62	23.61	23.47		
20	QPSK	1	1	24.08	24.10	24.07	25.0	0.0
20	QPSK	1	53	23.94	24.08	24.00		
20	QPSK	1	104	24.04	24.02	24.00		
20	QPSK	50	0	23.02	22.98	22.98	24.0	1.0
20	QPSK	50	28	24.06	24.08	24.05	25.0	0.0
20	QPSK	50	56	22.94	23.01	22.90	24.0	1.0
20	QPSK	100	0	23.05	23.06	23.03		
20	16QAM	1	1	22.80	22.85	22.83	24.0	1.0
20	64QAM	1	1	21.23	21.38	21.23	22.5	2.5
20	256QAM	1	1	19.88	20.02	19.88	20.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.02	24.00	23.98	25.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.96	23.97	23.92	25.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.96	24.00	23.93	25.0	0.0

n66_Ant 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.65	23.68	23.63	24.7	0.0
40	PI/2 BPSK	1	108	23.59	23.54	23.61		
40	PI/2 BPSK	1	214	23.57	23.56	23.52		
40	PI/2 BPSK	108	0	23.17	23.18	23.15	24.2	0.5
40	PI/2 BPSK	108	54	23.63	23.65	23.61	24.7	0.0
40	PI/2 BPSK	108	108	23.09	23.10	23.03	24.2	0.5
40	PI/2 BPSK	216	0	23.13	23.08	23.00		
40	QPSK	1	1	23.68	23.70	23.67	24.7	0.0
40	QPSK	1	108	23.63	23.64	23.60		
40	QPSK	1	214	23.62	23.62	23.61		
40	QPSK	108	0	22.58	22.51	22.56	23.7	1.0
40	QPSK	108	54	23.65	23.68	23.63	24.7	0.0
40	QPSK	108	108	22.56	22.53	22.51	23.7	1.0
40	QPSK	216	0	22.63	22.65	22.61		
40	16QAM	1	1	22.37	22.41	22.37	23.7	1.0
40	64QAM	1	1	20.94	20.98	20.94	22.2	2.5
40	256QAM	1	1	19.50	19.62	19.54	20.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.61	23.53	23.49	24.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.57	23.67	23.62	24.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.63	23.63	23.59	24.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.57	23.62	23.57	24.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.57	23.56	23.57	24.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.59	23.64	23.60	24.7	0.0

n66_Ant 31

BW [MHz]	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	23.73	23.75	23.71	24.9	0.0
40	PI/2 BPSK	1	108	23.70	23.65	23.65		
40	PI/2 BPSK	1	214	23.64	23.68	23.69		
40	PI/2 BPSK	108	0	23.23	23.25	23.20	24.4	0.5
40	PI/2 BPSK	108	54	23.71	23.73	23.70	24.9	0.0
40	PI/2 BPSK	108	108	23.13	23.16	23.09	24.4	0.5
40	PI/2 BPSK	216	0	23.16	23.13	23.09		
40	QPSK	1	1	23.78	23.80	23.76	24.9	0.0
40	QPSK	1	108	23.67	23.76	23.61		
40	QPSK	1	214	23.74	23.71	23.67		
40	QPSK	108	0	22.63	22.75	22.70	23.9	1.0
40	QPSK	108	54	23.76	23.78	23.75	24.9	0.0
40	QPSK	108	108	22.64	22.73	22.63	23.9	1.0
40	QPSK	216	0	22.76	22.78	22.75		
40	16QAM	1	1	22.43	22.48	22.39	23.9	1.0
40	64QAM	1	1	20.98	21.06	20.97	22.4	2.5
40	256QAM	1	1	19.66	19.70	19.64	20.4	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.74	23.72	23.72	24.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.62	23.66	23.68	24.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.71	23.64	23.74	24.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.74	23.66	23.73	24.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.72	23.63	23.70	24.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.70	23.74	23.63	24.9	0.0

n66_Ant 11								
BW [MHz]	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	23.88	23.90	23.87	24.9	0.0
40	PI/2 BPSK	1	108	23.74	23.76	23.79		
40	PI/2 BPSK	1	214	23.85	23.79	23.74		
40	PI/2 BPSK	108	0	23.43	23.45	23.40	24.4	0.5
40	PI/2 BPSK	108	54	23.86	23.88	23.85	24.9	0.0
40	PI/2 BPSK	108	108	23.39	23.30	23.33	24.4	0.5
40	PI/2 BPSK	216	0	23.31	23.31	23.35		
40	QPSK	1	1	23.93	23.95	23.91	24.9	0.0
40	QPSK	1	108	23.90	23.84	23.80		
40	QPSK	1	214	23.89	23.80	23.90		
40	QPSK	108	0	22.73	22.78	22.74	23.9	1.0
40	QPSK	108	54	23.91	23.93	23.90	24.9	0.0
40	QPSK	108	108	22.84	22.83	22.76	23.9	1.0
40	QPSK	216	0	22.88	22.90	22.87		
40	16QAM	1	1	22.53	22.65	22.56	23.9	1.0
40	64QAM	1	1	20.96	21.08	20.93	22.4	2.5
40	256QAM	1	1	19.67	19.73	19.61	20.4	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.76	23.89	23.84	24.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.78	23.79	23.88	24.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.79	23.92	23.77	24.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.90	23.79	23.76	24.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.82	23.91	23.75	24.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.78	23.91	23.85	24.9	0.0

n38_Ant 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.61	23.63	23.60		
40	PI/2 BPSK	1	53	23.51	23.60	23.47	24.7	0.0
40	PI/2 BPSK	1	104	23.51	23.54	23.50		
40	PI/2 BPSK	50	0	23.09	23.11	23.07	24.2	0.5
40	PI/2 BPSK	50	28	23.58	23.60	23.56	24.7	0.0
40	PI/2 BPSK	50	56	23.04	22.96	23.03	24.2	0.5
40	PI/2 BPSK	100	0	22.95	23.08	22.97		
40	QPSK	1	1	23.63	23.65	23.61		
40	QPSK	1	53	23.58	23.60	23.60	24.7	0.0
40	QPSK	1	104	23.55	23.60	23.49		
40	QPSK	50	0	22.52	22.55	22.43	23.7	1.0
40	QPSK	50	28	23.61	23.63	23.60	24.7	0.0
40	QPSK	50	56	22.47	22.56	22.50	23.7	1.0
40	QPSK	100	0	22.58	22.60	22.57		
40	16QAM	1	1	22.37	22.38	22.30	23.7	1.0
40	64QAM	1	1	20.81	20.95	20.91	22.2	2.5
40	256QAM	1	1	19.52	19.58	19.43	20.2	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.58	23.59	23.58	24.7	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	23.51	23.50	23.51	24.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.57	23.53	23.54	24.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.50	23.61	23.56	24.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.60	23.52	23.45	24.7	0.0

n38_Ant 31

BW [MHz]	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	23.63	23.65	23.61		
40	PI/2 BPSK	1	53	23.58	23.57	23.48	24.5	0.0
40	PI/2 BPSK	1	104	23.60	23.61	23.47		
40	PI/2 BPSK	50	0	23.03	23.05	23.01	24.0	0.5
40	PI/2 BPSK	50	28	23.61	23.63	23.60	24.5	0.0
40	PI/2 BPSK	50	56	23.01	22.93	22.86	24.0	0.5
40	PI/2 BPSK	100	0	22.99	22.91	22.89		
40	QPSK	1	1	23.66	23.68	23.65		
40	QPSK	1	53	23.56	23.61	23.61	24.5	0.0
40	QPSK	1	104	23.51	23.66	23.52		
40	QPSK	50	0	22.37	22.45	22.37	23.5	1.0
40	QPSK	50	28	23.63	23.65	23.61	24.5	0.0
40	QPSK	50	56	22.37	22.48	22.41	23.5	1.0
40	QPSK	100	0	22.48	22.50	22.47		
40	16QAM	1	1	22.31	22.36	22.32	23.5	1.0
40	64QAM	1	1	20.84	20.86	20.80	22.0	2.5
40	256QAM	1	1	19.34	19.38	19.23	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.59	23.60	23.58	24.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	23.53	23.55	23.59	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.61	23.64	23.54	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.52	23.59	23.55	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.61	23.62	23.60	24.5	0.0

n38_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.43	23.45	23.41		
40	PI/2 BPSK	1	53	23.30	23.34	23.33	24.5	0.0
40	PI/2 BPSK	1	104	23.37	23.36	23.40		
40	PI/2 BPSK	50	0	22.83	22.85	22.81	24.0	0.5
40	PI/2 BPSK	50	28	23.40	23.43	23.38	24.5	0.0
40	PI/2 BPSK	50	56	22.71	22.74	22.71	24.0	0.5
40	PI/2 BPSK	100	0	22.71	22.72	22.76		
40	QPSK	1	1	23.46	23.48	23.45		
40	QPSK	1	53	23.35	23.33	23.40	24.5	0.0
40	QPSK	1	104	23.45	23.46	23.38		
40	QPSK	50	0	22.31	22.30	22.29	23.5	1.0
40	QPSK	50	28	23.43	23.45	23.41	24.5	0.0
40	QPSK	50	56	22.27	22.37	22.24	23.5	1.0
40	QPSK	100	0	22.40	22.42	22.38		
40	16QAM	1	1	22.12	22.15	22.12	23.5	1.0
40	64QAM	1	1	20.51	20.65	20.56	22.0	2.5
40	256QAM	1	1	19.13	19.26	19.17	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.30	23.31	23.36	24.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	23.35	23.33	23.36	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.36	23.35	23.37	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.42	23.44	23.35	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.36	23.43	23.35	24.5	0.0

n41_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.00	21.95	21.94		
100	PI/2 BPSK	1	137	21.97	22.00	21.93	23.5	0.0
100	PI/2 BPSK	1	271	22.03	21.94	21.95		
100	PI/2 BPSK	135	0	21.95	21.98	21.97	23.5	0.0
100	PI/2 BPSK	135	69	22.00	22.02	22.02	23.5	0.0
100	PI/2 BPSK	135	138	22.03	21.91	21.97	23.5	0.0
100	PI/2 BPSK	270	0	21.95	21.95	21.91		
100	QPSK	1	1	22.06	22.08	22.05		
100	QPSK	1	137	21.97	21.96	22.01	23.5	0.0
100	QPSK	1	271	22.04	21.92	21.90		
100	QPSK	135	0	21.97	21.96	21.93	23.5	0.0
100	QPSK	135	69	22.05	22.06	22.03	23.5	0.0
100	QPSK	135	138	21.93	21.97	22.02	23.5	0.0
100	QPSK	270	0	22.01	22.03	22.00		
100	16QAM	1	1	21.97	22.05	21.92	23.5	0.0
100	64QAM	1	1	21.93	21.97	21.90	23.5	0.0
100	256QAM	1	1	20.83	20.85	20.81	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	21.98	22.05	21.92	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	21.97	21.95	21.94	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	21.91	21.92	22.00	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	21.90	21.92	21.99	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	22.01	22.04	21.97	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	22.00	22.04	21.96	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	22.02	22.02	21.96	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	22.01	22.01	21.95	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	21.91	21.96	22.02	23.5	0.0

n41_HPUE_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.93	24.95	24.91		
100	PI/2 BPSK	1	137	24.83	24.92	24.86	26.4	0.0
100	PI/2 BPSK	1	271	24.78	24.80	24.80		
100	PI/2 BPSK	135	0	24.50	24.52	24.48	25.9	0.5
100	PI/2 BPSK	135	69	24.91	24.93	24.90	26.4	0.0
100	PI/2 BPSK	135	138	24.47	24.46	24.42	25.9	0.5
100	PI/2 BPSK	270	0	24.37	24.37	24.39		
100	QPSK	1	1	24.98	25.00	24.97		
100	QPSK	1	137	24.97	24.91	24.88	26.4	0.0
100	QPSK	1	271	24.85	24.89	24.91		
100	QPSK	135	0	23.89	23.96	23.91	25.4	1.0
100	QPSK	135	69	24.96	24.98	24.95	26.4	0.0
100	QPSK	135	138	23.85	23.91	23.84	25.4	1.0
100	QPSK	270	0	23.96	23.98	23.95		
100	16QAM	1	1	23.66	23.75	23.60	25.4	1.0
100	64QAM	1	1	22.23	22.28	22.24	23.9	2.5
100	256QAM	1	1	20.88	20.89	20.84	21.9	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.88	24.90	24.84	26.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.88	24.97	24.94	26.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.91	24.97	24.87	26.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.81	24.83	24.91	26.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.83	24.97	24.92	26.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.91	24.88	24.84	26.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.91	24.92	24.94	26.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.81	24.97	24.83	26.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.81	24.93	24.88	26.4	0.0

n41_Ant 31

BW [MHz]	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	22.38	22.47	22.40		
100	PI/2 BPSK	1	137	22.39	22.42	22.38	23.9	0.0
100	PI/2 BPSK	1	271	22.44	22.48	22.47		
100	PI/2 BPSK	135	0	22.41	22.46	22.44	23.9	0.0
100	PI/2 BPSK	135	69	22.44	22.43	22.44	23.9	0.0
100	PI/2 BPSK	135	138	22.45	22.49	22.46	23.9	0.0
100	PI/2 BPSK	270	0	22.36	22.38	22.45		
100	QPSK	1	1	22.53	22.56	22.51		
100	QPSK	1	137	22.48	22.48	22.42	23.9	0.0
100	QPSK	1	271	22.50	22.41	22.46		
100	QPSK	135	0	22.39	22.39	22.42	23.9	0.0
100	QPSK	135	69	22.51	22.53	22.50	23.9	0.0
100	QPSK	135	138	22.45	22.42	22.42	23.9	0.0
100	QPSK	270	0	22.48	22.50	22.47		
100	16QAM	1	1	22.36	22.43	22.40	23.9	0.0
100	64QAM	1	1	22.44	22.47	22.37	23.9	0.0
100	256QAM	1	1	20.68	20.70	20.67	21.9	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.48	22.49	22.45	23.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.42	22.39	22.38	23.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.40	22.43	22.41	23.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.40	22.46	22.49	23.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.40	22.41	22.42	23.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.38	22.49	22.40	23.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.40	22.41	22.35	23.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.43	22.39	22.35	23.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.39	22.52	22.37	23.9	0.0

n41_HPUE_Ant 31

BW [MHz]	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	24.98	25.00	24.97		
100	PI/2 BPSK	1	137	24.91	24.92	24.84	26.5	0.0
100	PI/2 BPSK	1	271	24.95	24.93	24.85		
100	PI/2 BPSK	135	0	24.41	24.43	24.40	26.0	0.5
100	PI/2 BPSK	135	69	24.97	24.98	24.95	26.5	0.0
100	PI/2 BPSK	135	138	24.26	24.35	24.32	26.0	0.5
100	PI/2 BPSK	270	0	24.34	24.33	24.39		
100	QPSK	1	1	25.03	25.05	25.01		
100	QPSK	1	137	24.93	24.90	25.00	26.5	0.0
100	QPSK	1	271	24.99	24.92	24.92		
100	QPSK	135	0	23.82	23.80	23.78	25.5	1.0
100	QPSK	135	69	25.01	25.03	25.00	26.5	0.0
100	QPSK	135	138	23.82	23.85	23.78	25.5	1.0
100	QPSK	270	0	23.91	23.93	23.90		
100	16QAM	1	1	23.86	23.88	23.84	25.5	1.0
100	64QAM	1	1	22.01	22.15	22.04	24.0	2.5
100	256QAM	1	1	20.67	20.75	20.65	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.90	24.92	24.97	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.95	24.96	24.85	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.90	24.93	24.91	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.96	25.01	24.91	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.93	25.01	24.88	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.93	24.95	24.97	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	24.92	25.02	24.87	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.88	24.89	24.93	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.90	25.01	24.95	26.5	0.0

n41_Ant 11

BW [MHz]	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	22.42	22.42	22.32		
100	PI/2 BPSK	1	137	22.39	22.48	22.46	24.1	0.0
100	PI/2 BPSK	1	271	22.33	22.41	22.34		
100	PI/2 BPSK	135	0	22.36	22.45	22.38	24.1	0.0
100	PI/2 BPSK	135	69	22.41	22.43	22.37	24.1	0.0
100	PI/2 BPSK	135	138	22.44	22.49	22.39	24.1	0.0
100	PI/2 BPSK	270	0	22.46	22.39	22.37		
100	QPSK	1	1	22.51	22.53	22.50		
100	QPSK	1	137	22.33	22.35	22.44	24.1	0.0
100	QPSK	1	271	22.43	22.44	22.45		
100	QPSK	135	0	22.34	22.41	22.40	24.1	0.0
100	QPSK	135	69	22.48	22.50	22.47	24.1	0.0
100	QPSK	135	138	22.35	22.45	22.43	24.1	0.0
100	QPSK	270	0	22.45	22.46	22.43		
100	16QAM	1	1	22.47	22.44	22.44	24.1	0.0
100	64QAM	1	1	22.47	22.43	22.37	24.1	0.0
100	256QAM	1	1	20.58	20.60	20.57	22.1	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.36	22.36	22.37	24.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.34	22.37	22.43	24.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.46	22.40	22.44	24.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.34	22.35	22.32	24.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.42	22.38	22.42	24.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.47	22.47	22.37	24.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	22.35	22.48	22.37	24.1	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.47	22.37	22.35	24.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.37	22.47	22.41	24.1	0.0

n41_HPUE_Ant 11

BW [MHz]	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	24.85	24.86	24.83		
100	PI/2 BPSK	1	137	24.75	24.75	24.77	26.5	0.0
100	PI/2 BPSK	1	271	24.73	24.79	24.81		
100	PI/2 BPSK	135	0	24.16	24.18	24.15	26.0	0.5
100	PI/2 BPSK	135	69	24.83	24.85	24.81	26.5	0.0
100	PI/2 BPSK	135	138	24.15	24.07	24.11	26.0	0.5
100	PI/2 BPSK	270	0	24.09	24.15	24.03		
100	QPSK	1	1	24.88	24.90	24.87		
100	QPSK	1	137	24.73	24.77	24.72	26.5	0.0
100	QPSK	1	271	24.75	24.80	24.72		
100	QPSK	135	0	23.61	23.64	23.59	25.5	1.0
100	QPSK	135	69	24.86	24.88	24.85	26.5	0.0
100	QPSK	135	138	23.59	23.60	23.56	25.5	1.0
100	QPSK	270	0	23.65	23.67	23.63		
100	16QAM	1	1	23.57	23.63	23.52	25.5	1.0
100	64QAM	1	1	22.08	22.02	22.00	24.0	2.5
100	256QAM	1	1	20.59	20.63	20.56	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.78	24.86	24.73	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.83	24.75	24.76	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.72	24.87	24.72	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.72	24.74	24.80	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.77	24.83	24.83	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.72	24.75	24.76	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	24.75	24.74	24.76	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.84	24.77	24.70	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.81	24.74	24.79	26.5	0.0

Part27Q_n77_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.25			
100	PI/2 BPSK	1	137		23.16		24.2	0.0
100	PI/2 BPSK	1	271		23.24			
100	PI/2 BPSK	135	0		22.78		23.7	0.5
100	PI/2 BPSK	135	69		23.23		24.2	0.0
100	PI/2 BPSK	135	138		22.72		23.7	0.5
100	PI/2 BPSK	270	0		22.77			
100	QPSK	1	1		23.26			
100	QPSK	1	137		23.26		24.2	0.0
100	QPSK	1	271		23.23			
100	QPSK	135	0		22.18			
100	QPSK	135	69		23.26		24.2	0.0
100	QPSK	135	138		22.15			
100	QPSK	270	0		22.13		23.2	1.0
100	16QAM	1	1		22.05		23.2	1.0
100	64QAM	1	1		20.55		21.7	2.5
100	256QAM	1	1		19.11		19.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.22	23.18	23.23	24.2	0.0
Channel				633668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.24	23.20	23.14	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.13	23.15	23.15	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.16	23.19	23.12	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.19	23.11	23.21	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.25	23.17	23.24	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.25	23.12	23.12	24.2	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.15	23.14	23.25	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.21	23.11	23.23	24.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.20	23.15	23.16	24.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.22	23.16	23.18	24.2	0.0

Part27O_n77_Ant 11

BW [MHz]	Modulation	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	23.26	23.28	23.25		
100	PI/2 BPSK	1	137	23.13	23.15	23.14	24.2	0.0
100	PI/2 BPSK	1	271	23.22	23.17	23.14		
100	PI/2 BPSK	135	0	22.78	22.81	22.77	23.7	0.5
100	PI/2 BPSK	135	69	23.25	23.26	23.23	24.2	0.0
100	PI/2 BPSK	135	138	22.73	22.78	22.72	23.7	0.5
100	PI/2 BPSK	270	0	22.63	22.68	22.63		
100	QPSK	1	1	23.28	23.30	23.27		
100	QPSK	1	137	23.19	23.25	23.15	24.2	0.0
100	QPSK	1	271	23.17	23.23	23.25		
100	QPSK	135	0	21.98	22.13	22.00		
100	QPSK	135	69	23.26	23.28	23.25	24.2	0.0
100	QPSK	135	138	22.08	22.06	22.04		
100	QPSK	270	0	22.13	22.15	22.11	23.2	1.0
100	16QAM	1	1	22.04	22.08	21.93	23.2	1.0
100	64QAM	1	1	20.53	20.58	20.47	21.7	2.5
100	256QAM	1	1	19.08	19.15	19.06	19.7	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	23.11	23.21	23.15	24.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	23.23	23.15	23.15	24.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.15	23.25	23.22	24.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	23.22	23.14	23.22	24.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	23.20	23.16	23.10	24.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.21	23.23	23.15	24.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	23.20	23.25	23.13	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	23.13	23.24	23.11	24.2	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	23.20	23.24	23.20	24.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	23.11	23.18	23.17	24.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.11	23.16	23.16	24.2	0.0

Part27Q_n77_Ant 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.15			
100	PI/2 BPSK	1	137		23.11		24.2	0.0
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		22.65		23.7	0.5
100	PI/2 BPSK	135	69		23.13		24.2	0.0
100	PI/2 BPSK	135	138		22.68		23.7	0.5
100	PI/2 BPSK	270	0		22.63			
100	QPSK	1	1		23.18			
100	QPSK	1	137		23.13		24.2	0.0
100	QPSK	1	271		23.11			
100	QPSK	135	0		22.15			
100	QPSK	135	69		23.15		24.2	0.0
100	QPSK	135	138		22.13			
100	QPSK	270	0		22.15		23.2	1.0
100	16QAM	1	1		21.89		23.2	1.0
100	64QAM	1	1		20.40		21.7	2.5
100	256QAM	1	1		19.05		19.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.06	23.13	23.02	24.2	0.0
Channel				633668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.03	23.06	23.01	24.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.11	23.05	23.11	24.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.10	23.11	23.05	24.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.12	23.06	23.09	24.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.06	23.02	23.08	24.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.04	23.09	23.09	24.2	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.09	23.08	23.01	24.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.09	23.08	23.14	24.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.03	23.03	23.04	24.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.10	23.06	23.13	24.2	0.0

Part27O_n77_Ant 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.16	23.18	23.15		
100	PI/2 BPSK	1	137	23.03	23.16	23.09	24.2	0.0
100	PI/2 BPSK	1	271	23.03	23.13	23.02		
100	PI/2 BPSK	135	0	22.76	22.78	22.75	23.7	0.5
100	PI/2 BPSK	135	69	23.13	23.15	23.11	24.2	0.0
100	PI/2 BPSK	135	138	22.69	22.73	22.63	23.7	0.5
100	PI/2 BPSK	270	0	22.66	22.77	22.74		
100	QPSK	1	1	23.18	23.20	23.16		
100	QPSK	1	137	23.06	23.15	23.14	24.2	0.0
100	QPSK	1	271	23.08	23.18	23.06		
100	QPSK	135	0	22.15	22.16	22.13		
100	QPSK	135	69	23.15	23.16	23.13	24.2	0.0
100	QPSK	135	138	22.10	22.15	22.08		
100	QPSK	270	0	22.11	22.13	22.10	23.2	1.0
100	16QAM	1	1	21.83	21.90	21.88	23.2	1.0
100	64QAM	1	1	20.30	20.43	20.37	21.7	2.5
100	256QAM	1	1	19.06	19.08	19.05	19.7	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	23.05	23.13	23.02	24.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	23.09	23.14	23.08	24.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	23.01	23.14	22.99	24.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	23.11	23.11	23.05	24.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	23.10	23.07	23.05	24.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	23.13	23.09	23.06	24.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	23.02	23.07	22.99	24.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	23.13	23.11	23.01	24.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	23.01	23.14	23.09	24.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	23.08	23.14	23.01	24.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	23.12	23.02	22.98	24.2	0.0

Part27Q_n77_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.43			
100	PI/2 BPSK	1	137		20.38		21.2	0.0
100	PI/2 BPSK	1	271		20.30			
100	PI/2 BPSK	135	0		19.98		20.7	0.5
100	PI/2 BPSK	135	69		20.41		21.2	0.0
100	PI/2 BPSK	135	138		19.87		20.7	0.5
100	PI/2 BPSK	270	0		19.91			
100	QPSK	1	1		20.45			
100	QPSK	1	137		20.43		21.2	0.0
100	QPSK	1	271		20.39			
100	QPSK	135	0		19.40			
100	QPSK	135	69		20.43		21.2	0.0
100	QPSK	135	138		19.21			
100	QPSK	270	0		19.20		20.2	1.0
100	16QAM	1	1		19.18		20.2	1.0
100	64QAM	1	1		17.65		18.7	2.5
100	256QAM	1	1		16.25		16.7	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.32	20.41	20.42	21.2	0.0
Channel				633168	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.28	20.28	20.30	21.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.42	20.42	20.29	21.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.40	20.41	20.33	21.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.31	20.40	20.33	21.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.33	20.32	20.38	21.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.38	20.34	20.38	21.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.29	20.33	20.32	21.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.30	20.40	20.37	21.2	0.0
Channel				630502	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.37	20.32	20.35	21.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.42	20.28	20.32	21.2	0.0

Part27O_n77_Ant 21

BW [MHz]	Modulation	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	20.10	20.11	20.08		
100	PI/2 BPSK	1	137	20.07	20.07	20.05	21.2	0.0
100	PI/2 BPSK	1	271	20.08	20.04	20.06		
100	PI/2 BPSK	135	0	19.55	19.56	19.53	20.7	0.5
100	PI/2 BPSK	135	69	20.06	20.08	20.05	21.2	0.0
100	PI/2 BPSK	135	138	19.53	19.55	19.46	20.7	0.5
100	PI/2 BPSK	270	0	19.50	19.47	19.47		
100	QPSK	1	1	20.11	20.13	20.10		
100	QPSK	1	137	20.03	20.05	20.02	21.2	0.0
100	QPSK	1	271	20.04	20.00	20.08		
100	QPSK	135	0	18.98	19.00	18.97		
100	QPSK	135	69	20.10	20.11	20.08	21.2	0.0
100	QPSK	135	138	18.95	18.98	18.90		
100	QPSK	270	0	18.93	18.95	18.91	20.2	1.0
100	16QAM	1	1	18.74	18.88	18.83	20.2	1.0
100	64QAM	1	1	17.22	17.35	17.23	18.7	2.5
100	256QAM	1	1	15.82	15.93	15.79	16.7	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	20.07	20.03	20.04	21.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	20.02	20.08	20.07	21.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	19.96	19.98	20.00	21.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	19.99	19.98	20.03	21.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	20.04	20.10	19.98	21.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	20.07	20.00	20.03	21.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	20.09	20.02	20.07	21.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	19.96	19.96	19.93	21.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	20.00	20.02	20.04	21.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	20.00	20.03	19.96	21.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	20.04	20.04	19.96	21.2	0.0

Part27Q_n77_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.13			
100	PI/2 BPSK	1	137		20.10		21.2	0.0
100	PI/2 BPSK	1	271		20.06			
100	PI/2 BPSK	135	0		19.58		20.7	0.5
100	PI/2 BPSK	135	69		20.10		21.2	0.0
100	PI/2 BPSK	135	138		19.48		20.7	0.5
100	PI/2 BPSK	270	0		19.53			
100	QPSK	1	1		20.15			
100	QPSK	1	137		20.12		21.2	0.0
100	QPSK	1	271		20.13			
100	QPSK	135	0		19.25			
100	QPSK	135	69		20.13		21.2	0.0
100	QPSK	135	138		19.11			
100	QPSK	270	0		19.10		20.2	1.0
100	16QAM	1	1		18.98		20.2	1.0
100	64QAM	1	1		17.33		18.7	2.5
100	256QAM	1	1		15.05		16.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	20.12	20.10	20.10	21.2	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	20.09	20.08	20.01	21.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	20.04	20.01	20.10	21.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	20.04	19.99	20.12	21.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	20.03	20.10	20.08	21.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	20.12	20.00	20.10	21.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	20.10	20.06	20.01	21.2	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	20.01	20.11	20.00	21.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	20.02	20.11	20.12	21.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	20.01	20.03	20.01	21.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	20.00	20.05	20.09	21.2	0.0

Part27O_n77_Ant 23

BW [MHz]	Modulation	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	19.86	19.88	19.85		
100	PI/2 BPSK	1	137	19.84	19.78	19.72	21.2	0.0
100	PI/2 BPSK	1	271	19.77	19.74	19.79		
100	PI/2 BPSK	135	0	19.33	19.35	19.31	20.7	0.5
100	PI/2 BPSK	135	69	19.85	19.86	19.83	21.2	0.0
100	PI/2 BPSK	135	138	19.18	19.20	19.23	20.7	0.5
100	PI/2 BPSK	270	0	19.24	19.22	19.27		
100	QPSK	1	1	19.89	19.90	19.87		
100	QPSK	1	137	19.71	19.85	19.77	21.2	0.0
100	QPSK	1	271	19.74	19.83	19.80		
100	QPSK	135	0	18.71	18.86	18.82		
100	QPSK	135	69	19.87	19.88	19.85	21.2	0.0
100	QPSK	135	138	18.73	18.75	18.71		
100	QPSK	270	0	18.77	18.78	18.75	20.2	1.0
100	16QAM	1	1	18.48	18.56	18.50	20.2	1.0
100	64QAM	1	1	16.95	17.05	16.98	18.7	2.5
100	256QAM	1	1	15.58	15.65	15.56	16.7	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	1	19.80	19.75	19.81	21.2	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	1	19.84	19.82	19.73	21.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.74	19.84	19.78	21.2	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	1	19.80	19.75	19.70	21.2	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	1	19.76	19.76	19.75	21.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.75	19.74	19.83	21.2	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	QPSK	1	1	19.85	19.83	19.74	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	19.82	19.73	19.70	21.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	1	19.77	19.73	19.81	21.2	0.0
Channel				647168	656000	664832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.48		
15	QPSK	1	1	19.84	19.83	19.77	21.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.75	19.81	19.76	21.2	0.0

Part27Q_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.96			
100	PI/2 BPSK	1	137		23.88		24.9	0.0
100	PI/2 BPSK	1	271		23.88			
100	PI/2 BPSK	135	0		23.89		24.9	0.0
100	PI/2 BPSK	135	69		23.85		24.9	0.0
100	PI/2 BPSK	135	138		23.90		24.9	0.0
100	PI/2 BPSK	270	0		23.88			
100	QPSK	1	1		23.98			
100	QPSK	1	137		23.86		24.9	0.0
100	QPSK	1	271		23.85			
100	QPSK	135	0		23.85			
100	QPSK	135	69		23.96		24.9	0.0
100	QPSK	135	138		23.82			
100	QPSK	270	0		23.95		24.9	0.0
100	16QAM	1	1		23.86		24.9	0.0
100	64QAM	1	1		23.13		24.4	0.5
100	256QAM	1	1		21.75		22.4	2.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	23.88	23.88	23.93	24.9	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	23.94	23.87	23.88	24.9	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	23.83	23.82	23.85	24.9	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	23.81	23.89	23.91	24.9	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	23.89	23.87	23.83	24.9	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	23.90	23.95	23.87	24.9	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	23.92	23.91	23.94	24.9	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	23.91	23.89	23.85	24.9	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	23.85	23.94	23.83	24.9	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	23.83	23.83	23.82	24.9	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	23.86	23.93	23.91	24.9	0.0

Part27Q_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.93			
100	PI/2 BPSK	1	137		25.80		26.9	0.0
100	PI/2 BPSK	1	271		25.84			
100	PI/2 BPSK	135	0		25.41		26.4	0.5
100	PI/2 BPSK	135	69		25.90		26.9	0.0
100	PI/2 BPSK	135	138		25.29		26.4	0.5
100	PI/2 BPSK	270	0		25.32			
100	QPSK	1	1		25.95			
100	QPSK	1	137		25.83		26.9	0.0
100	QPSK	1	271		25.89			
100	QPSK	135	0		24.89			
100	QPSK	135	69		25.93		26.9	0.0
100	QPSK	135	138		24.85			
100	QPSK	270	0		24.78		25.9	1.0
100	16QAM	1	1		24.68		25.9	1.0
100	64QAM	1	1		23.13		24.4	2.5
100	256QAM	1	1		21.75		22.4	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.90	25.83	25.91	26.9	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.92	25.84	25.83	26.9	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.92	25.81	25.79	26.9	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.83	25.84	25.91	26.9	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.87	25.84	25.82	26.9	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.86	25.87	25.92	26.9	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.88	25.88	25.87	26.9	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.90	25.85	25.81	26.9	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.91	25.85	25.84	26.9	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.90	25.85	25.83	26.9	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.92	25.82	25.89	26.9	0.0

Part27O_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.67			
100	PI/2 BPSK	1	137		23.66		24.9	0.0
100	PI/2 BPSK	1	271		23.55			
100	PI/2 BPSK	135	0		23.61		24.9	0.0
100	PI/2 BPSK	135	69		23.66		24.9	0.0
100	PI/2 BPSK	135	138		23.62		24.9	0.0
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		23.70			
100	QPSK	1	137		23.62		24.9	0.0
100	QPSK	1	271		23.64			
100	QPSK	135	0		23.61			
100	QPSK	135	69		23.68		24.9	0.0
100	QPSK	135	138		23.56			
100	QPSK	270	0		23.65		24.9	0.0
100	16QAM	1	1		23.57		24.9	0.0
100	64QAM	1	1		23.05		24.4	0.5
100	256QAM	1	1		21.75		22.4	2.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.60	23.67	23.57	24.9	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.66	23.62	23.67	24.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.65	23.54	23.61	24.9	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	23.53	23.58	23.63	24.9	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	23.65	23.61	23.55	24.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.62	23.55	23.57	24.9	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	23.65	23.57	23.64	24.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.55	23.65	23.67	24.9	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	23.62	23.55	23.53	24.9	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	23.65	23.57	23.64	24.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.62	23.67	23.64	24.9	0.0

Part27O_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.68			
100	PI/2 BPSK	1	137		25.54		26.9	0.0
100	PI/2 BPSK	1	271		25.60			
100	PI/2 BPSK	135	0		25.18		26.4	0.5
100	PI/2 BPSK	135	69		25.65		26.9	0.0
100	PI/2 BPSK	135	138		25.04		26.4	0.5
100	PI/2 BPSK	270	0		25.05			
100	QPSK	1	1		25.72			
100	QPSK	1	137		25.68		26.9	0.0
100	QPSK	1	271		25.62			
100	QPSK	135	0		24.52			
100	QPSK	135	69		25.70		26.9	0.0
100	QPSK	135	138		24.50			
100	QPSK	270	0		24.48		25.9	1.0
100	16QAM	1	1		24.45		25.9	1.0
100	64QAM	1	1		23.05		24.4	2.5
100	256QAM	1	1		21.75		22.4	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.68	25.65	25.67	26.9	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	25.57	25.67	25.69	26.9	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.69	25.67	25.62	26.9	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	25.61	25.61	25.61	26.9	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	25.56	25.60	25.58	26.9	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.68	25.65	25.55	26.9	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	25.61	25.69	25.58	26.9	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.69	25.65	25.58	26.9	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	25.64	25.58	25.57	26.9	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	25.60	25.62	25.67	26.9	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.68	25.55	25.58	26.9	0.0

Part27Q_n78_Ant 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		24.18			
100	PI/2 BPSK	1	137		24.03		25.5	0.0
100	PI/2 BPSK	1	271		24.07			
100	PI/2 BPSK	135	0		24.12		25.5	0.0
100	PI/2 BPSK	135	69		24.16		25.5	0.0
100	PI/2 BPSK	135	138		24.14			
100	PI/2 BPSK	270	0		24.14		25.5	0.0
100	QPSK	1	1		24.20			
100	QPSK	1	137		24.17		25.5	0.0
100	QPSK	1	271		24.16			
100	QPSK	135	0		24.13		25.5	0.0
100	QPSK	135	69		24.18			
100	QPSK	135	138		24.15			
100	QPSK	270	0		24.16		25.5	0.0
100	16QAM	1	1		24.06		25.5	0.0
100	64QAM	1	1		22.98		24.5	1.0
100	256QAM	1	1		21.58		22.5	3.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	24.17	24.05	24.05	25.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	24.14	24.06	24.17	25.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	24.08	24.15	24.04	25.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	24.15	24.08	24.06	25.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	24.03	24.04	24.17	25.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	24.06	24.17	24.07	25.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	24.04	24.03	24.10	25.5	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	24.03	24.15	24.15	25.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	24.10	24.08	24.13	25.5	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	24.11	24.09	24.09	25.5	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	24.14	24.11	24.06	25.5	0.0

Part27Q_n78_HPUE_Ant 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.65			
100	PI/2 BPSK	1	137		25.52		27.2	0.0
100	PI/2 BPSK	1	271		25.63			
100	PI/2 BPSK	135	0		25.20		26.7	0.5
100	PI/2 BPSK	135	69		25.63		27.2	0.0
100	PI/2 BPSK	135	138		25.19		26.7	0.5
100	PI/2 BPSK	270	0		25.08			
100	QPSK	1	1		25.68		27.2	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.61			
100	QPSK	135	0		24.65		27.2	0.0
100	QPSK	135	69		25.65			
100	QPSK	135	138		24.75			
100	QPSK	270	0		24.68		26.2	1.0
100	16QAM	1	1		24.48		26.2	1.0
100	64QAM	1	1		22.98		24.7	2.5
100	256QAM	1	1		21.58		22.7	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	25.53	25.53	25.54	27.2	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	25.54	25.51	25.58	27.2	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	25.61	25.51	25.64	27.2	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	25.60	25.63	25.53	27.2	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	25.55	25.60	25.51	27.2	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	25.58	25.54	25.52	27.2	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	25.59	25.62	25.61	27.2	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	25.61	25.53	25.60	27.2	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	25.52	25.53	25.62	27.2	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	25.56	25.59	25.55	27.2	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	25.50	25.50	25.62	27.2	0.0

Part27O_n78_Ant 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		24.10			
100	PI/2 BPSK	1	137		24.05		25.5	0.0
100	PI/2 BPSK	1	271		24.08			
100	PI/2 BPSK	135	0		24.04		25.5	0.0
100	PI/2 BPSK	135	69		23.99		25.5	0.0
100	PI/2 BPSK	135	138		24.05		25.5	0.0
100	PI/2 BPSK	270	0		24.07			
100	QPSK	1	1		24.12			
100	QPSK	1	137		23.98		25.5	0.0
100	QPSK	1	271		24.09			
100	QPSK	135	0		23.98			
100	QPSK	135	69		24.10		25.5	0.0
100	QPSK	135	138		24.08			
100	QPSK	270	0		24.08		25.5	0.0
100	16QAM	1	1		24.05		25.5	0.0
100	64QAM	1	1		22.95		24.5	1.0
100	256QAM	1	1		21.53		22.5	3.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	23.98	24.00	24.00	25.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	23.96	23.95	23.98	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.03	24.06	23.95	25.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	24.06	24.01	24.04	25.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	24.04	24.08	24.04	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.02	23.98	24.02	25.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	24.02	23.95	23.98	25.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.96	24.07	23.95	25.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	24.00	23.96	23.99	25.5	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	23.95	24.06	23.99	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.98	23.98	24.07	25.5	0.0

Part27O_n78_HPUE_Ant 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.56			
100	PI/2 BPSK	1	137		25.44		27.2	0.0
100	PI/2 BPSK	1	271		25.53			
100	PI/2 BPSK	135	0		25.06		26.7	0.5
100	PI/2 BPSK	135	69		25.53		27.2	0.0
100	PI/2 BPSK	135	138		25.03		26.7	0.5
100	PI/2 BPSK	270	0		25.03			
100	QPSK	1	1		25.60			
100	QPSK	1	137		25.56		27.2	0.0
100	QPSK	1	271		25.53			
100	QPSK	135	0		24.55			
100	QPSK	135	69		25.58		27.2	0.0
100	QPSK	135	138		24.53			
100	QPSK	270	0		24.50		26.2	1.0
100	16QAM	1	1		24.38		26.2	1.0
100	64QAM	1	1		22.95		24.7	2.5
100	256QAM	1	1		21.53		22.7	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	25.43	25.49	25.51	27.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	25.48	25.47	25.49	27.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.48	25.47	25.46	27.2	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	25.48	25.57	25.57	27.2	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	25.55	25.47	25.55	27.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.53	25.50	25.43	27.2	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	25.55	25.53	25.54	27.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.56	25.44	25.45	27.2	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	25.48	25.47	25.55	27.2	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	25.45	25.46	25.57	27.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.49	25.48	25.51	27.2	0.0

25.72

Part27Q_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.50			
100	PI/2 BPSK	1	137		22.43		0.0	23.0
100	PI/2 BPSK	1	271		22.40			
100	PI/2 BPSK	135	0		22.43		23.0	0.0
100	PI/2 BPSK	135	69		22.43		0.0	23.0
100	PI/2 BPSK	135	138		22.37		23.0	0.0
100	PI/2 BPSK	270	0		22.38			
100	QPSK	1	1		22.52			
100	QPSK	1	137		22.41		23.0	0.0
100	QPSK	1	271		22.43			
100	QPSK	135	0		22.39			
100	QPSK	135	69		22.50		23.0	0.0
100	QPSK	135	138		22.43			
100	QPSK	270	0		22.48		22.5	0.5
100	16QAM	1	1		22.39		22.5	0.5
100	64QAM	1	1		20.18		21.0	2.0
100	256QAM	1	1		18.78		19.0	4.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.41	22.42	22.35	0.0	23.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.40	22.38	22.37	0.0	23.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.46	22.37	22.42	0.0	23.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.41	22.45	22.43	0.0	23.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.49	22.44	22.46	0.0	23.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.43	22.36	22.44	0.0	23.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.49	22.40	22.46	0.0	23.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.49	22.46	22.43	0.0	23.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.40	22.44	22.46	0.0	23.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.40	22.39	22.45	0.0	23.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.45	22.47	22.36	0.0	23.0

Part27Q_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.97			
100	PI/2 BPSK	1	137		22.93		23.7	0.0
100	PI/2 BPSK	1	271		22.91			
100	PI/2 BPSK	135	0		22.52		23.2	0.5
100	PI/2 BPSK	135	69		22.95		23.7	0.0
100	PI/2 BPSK	135	138		22.42		23.2	0.5
100	PI/2 BPSK	270	0		22.44			
100	QPSK	1	1		23.00			
100	QPSK	1	137		22.97		23.7	0.0
100	QPSK	1	271		22.92			
100	QPSK	135	0		21.88			
100	QPSK	135	69		22.97		23.7	0.0
100	QPSK	135	138		21.73			
100	QPSK	270	0		21.70		22.7	1.0
100	16QAM	1	1		21.65		22.7	1.0
100	64QAM	1	1		20.18		21.2	2.5
100	256QAM	1	1		18.78		19.2	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.84	22.93	22.93	23.7	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.96	22.96	22.92	23.7	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.87	22.93	22.86	23.7	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.84	22.89	22.90	23.7	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.88	22.87	22.82	23.7	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.96	22.94	22.94	23.7	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.83	22.92	22.82	23.7	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.82	22.86	22.84	23.7	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.93	22.84	22.92	23.7	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.85	22.90	22.83	23.7	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.85	22.82	22.94	23.7	0.0

Part27O_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.06			
100	PI/2 BPSK	1	137		22.01		23.0	0.0
100	PI/2 BPSK	1	271		22.03			
100	PI/2 BPSK	135	0		22.03		23.0	0.0
100	PI/2 BPSK	135	69		22.03		23.0	0.0
100	PI/2 BPSK	135	138		22.03		23.0	0.0
100	PI/2 BPSK	270	0		21.93			
100	QPSK	1	1		22.08			
100	QPSK	1	137		21.92		23.0	0.0
100	QPSK	1	271		21.93			
100	QPSK	135	0		21.98			
100	QPSK	135	69		22.07		23.0	0.0
100	QPSK	135	138		21.93			
100	QPSK	270	0		22.05		22.5	0.5
100	16QAM	1	1		22.00		22.5	0.5
100	64QAM	1	1		19.73		21.0	2.0
100	256QAM	1	1		18.41		19.0	4.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	21.98	22.00	22.03	23.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	21.98	21.99	22.02	23.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	21.99	22.04	21.97	23.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	21.94	21.97	21.93	23.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	21.95	22.00	22.03	23.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	21.94	21.93	21.92	23.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.06	21.93	22.05	23.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.03	21.96	21.94	23.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.06	22.03	21.94	23.0	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	21.96	21.96	21.93	23.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.01	21.96	22.06	23.0	0.0

Part27O_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.53			
100	PI/2 BPSK	1	137		22.45		23.7	0.0
100	PI/2 BPSK	1	271		22.47			
100	PI/2 BPSK	135	0		22.15		23.2	0.5
100	PI/2 BPSK	135	69		22.51		23.7	0.0
100	PI/2 BPSK	135	138		22.13		23.2	0.5
100	PI/2 BPSK	270	0		22.08			
100	QPSK	1	1		22.55			
100	QPSK	1	137		22.53		23.7	0.0
100	QPSK	1	271		22.47			
100	QPSK	135	0		21.51			
100	QPSK	135	69		22.53		23.7	0.0
100	QPSK	135	138		21.50			
100	QPSK	270	0		21.48		22.7	1.0
100	16QAM	1	1		21.23		22.7	1.0
100	64QAM	1	1		19.73		21.2	2.5
100	256QAM	1	1		18.41		19.2	4.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	22.41	22.45	22.42	23.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	22.41	22.49	22.50	23.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	22.51	22.40	22.49	23.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	22.49	22.52	22.46	23.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	22.45	22.52	22.47	23.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	22.46	22.46	22.40	23.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	22.43	22.43	22.52	23.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	22.43	22.41	22.40	23.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	22.49	22.46	22.41	23.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	22.42	22.40	22.39	23.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	22.49	22.47	22.48	23.7	0.0

21.85

Part27Q_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		21.80			
100	PI/2 BPSK	1	137		21.77		23.0	0.0
100	PI/2 BPSK	1	271		21.71			
100	PI/2 BPSK	135	0		21.85		23.0	0.0
100	PI/2 BPSK	135	69		21.75		23.0	0.0
100	PI/2 BPSK	135	138		21.75		23.0	0.0
100	PI/2 BPSK	270	0		21.65			
100	QPSK	1	1		21.81			
100	QPSK	1	137		21.69		23.0	0.0
100	QPSK	1	271		21.78			
100	QPSK	135	0		21.66			
100	QPSK	135	69		21.80		23.0	0.0
100	QPSK	135	138		21.74			
100	QPSK	270	0		21.78		23.0	0.0
100	16QAM	1	1		21.72		23.0	0.0
100	64QAM	1	1		20.20		21.5	1.5
100	256QAM	1	1		18.68		19.5	3.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	21.73	21.78	21.77	23.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	21.68	21.77	21.65	23.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	21.70	21.79	21.74	23.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	21.78	21.74	21.78	23.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	21.79	21.75	21.69	23.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	21.67	21.78	21.69	23.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	21.77	21.73	21.74	23.0	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	21.78	21.70	21.70	23.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	21.72	21.67	21.78	23.0	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	21.69	21.86	21.70	23.0	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	21.69	21.73	21.76	23.0	0.0

Part27Q_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.80			
100	PI/2 BPSK	1	137		22.76		24.0	0.0
100	PI/2 BPSK	1	271		22.76			
100	PI/2 BPSK	135	0		22.33		23.5	0.5
100	PI/2 BPSK	135	69		22.78		24.0	0.0
100	PI/2 BPSK	135	138		22.18		23.5	0.5
100	PI/2 BPSK	270	0		22.32			
100	QPSK	1	1		22.83			
100	QPSK	1	137		22.70		24.0	0.0
100	QPSK	1	271		22.73			
100	QPSK	135	0		21.78			
100	QPSK	135	69		22.80		24.0	0.0
100	QPSK	135	138		21.75			
100	QPSK	270	0		21.76		23.0	1.0
100	16QAM	1	1		21.73		23.0	1.0
100	64QAM	1	1		20.20		21.5	2.5
100	256QAM	1	1		18.68		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	1	22.69	22.77	22.74	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	22.70	22.71	22.75	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	1	22.78	22.72	22.65	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	1	22.71	22.65	22.77	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	22.72	22.72	22.77	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	1	22.74	22.69	22.76	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	22.77	22.67	22.76	24.0	0.0
Channel				630834	633332	635832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3499.98	3537.48		
25	QPSK	1	1	22.79	22.70	22.70	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	22.71	22.76	22.79	24.0	0.0
Channel				630500	633332	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.49		
15	QPSK	1	1	22.72	22.75	22.78	24.0	0.0
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3544.98		
10	QPSK	1	1	22.71	22.78	22.76	24.0	0.0

Part27O_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.16			
100	PI/2 BPSK	1	137		21.07		23.0	0.0
100	PI/2 BPSK	1	271		21.35			
100	PI/2 BPSK	135	0		21.32		23.0	0.0
100	PI/2 BPSK	135	69		21.21		23.0	0.0
100	PI/2 BPSK	135	138		21.23		23.0	0.0
100	PI/2 BPSK	270	0		21.20			
100	QPSK	1	1		21.37			
100	QPSK	1	137		21.10		23.0	0.0
100	QPSK	1	271		21.24			
100	QPSK	135	0		21.28			
100	QPSK	135	69		21.21		23.0	0.0
100	QPSK	135	138		21.19			
100	QPSK	270	0		21.12		23.0	0.0
100	16QAM	1	1		21.08		23.0	0.0
100	64QAM	1	1		19.50		21.5	1.5
100	256QAM	1	1		18.15		19.5	3.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	21.25	21.22	21.20	23.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	21.21	21.31	21.17	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.20	21.23	21.25	23.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	21.21	21.30	21.16	23.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	21.21	21.29	21.23	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.18	21.32	21.20	23.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	21.25	21.28	21.22	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	21.25	21.29	21.23	23.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	21.19	21.31	21.20	23.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	21.26	21.24	21.24	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.18	21.30	21.17	23.0	0.0

Part27O_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.21			
100	PI/2 BPSK	1	137		22.12		24.0	0.0
100	PI/2 BPSK	1	271		22.00			
100	PI/2 BPSK	135	0		21.88		23.5	0.5
100	PI/2 BPSK	135	69		22.13		24.0	0.0
100	PI/2 BPSK	135	138		21.75		23.5	0.5
100	PI/2 BPSK	270	0		21.71			
100	QPSK	1	1		22.26			
100	QPSK	1	137		22.15		24.0	0.0
100	QPSK	1	271		22.06			
100	QPSK	135	0		21.34			
100	QPSK	135	69		22.23		24.0	0.0
100	QPSK	135	138		21.23			
100	QPSK	270	0		21.21		23.0	1.0
100	16QAM	1	1		21.00		23.0	1.0
100	64QAM	1	1		19.52		21.5	2.5
100	256QAM	1	1		18.14		19.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	1	22.09	22.14	22.09	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	1	22.10	22.21	22.07	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.08	22.18	22.02	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	1	22.11	22.17	22.10	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	1	22.05	22.17	22.09	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.10	22.12	22.04	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	1	22.06	22.13	22.03	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	22.13	22.18	22.08	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	1	22.13	22.14	22.05	24.0	0.0
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	QPSK	1	1	22.09	22.17	22.09	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.08	22.11	22.11	24.0	0.0

Reduced Power Mode for ECI2

n2_Ant 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.96	17.11	17.07	18.2	0.0
20	PI/2 BPSK	1	53	16.97	16.99	16.93		
20	PI/2 BPSK	1	104	16.96	17.02	17.01		
20	PI/2 BPSK	50	0	17.05	17.04	17.03	18.2	0.0
20	PI/2 BPSK	50	28	16.97	17.03	17.02	18.2	0.0
20	PI/2 BPSK	50	56	16.99	17.05	16.93	18.2	0.0
20	PI/2 BPSK	100	0	17.08	17.04	17.07		
20	QPSK	1	1	17.15	17.17	17.13	18.2	0.0
20	QPSK	1	53	16.95	17.12	17.07		
20	QPSK	1	104	17.05	17.08	17.00		
20	QPSK	50	0	17.04	17.02	17.02	18.2	0.0
20	QPSK	50	28	17.13	17.15	17.11	18.2	0.0
20	QPSK	50	56	17.03	17.10	17.02	18.2	0.0
20	QPSK	100	0	17.10	17.13	17.08		
20	16QAM	1	1	17.08	17.07	17.00	18.2	0.0
20	64QAM	1	1	16.97	17.12	16.93	18.2	0.0
20	256QAM	1	1	17.08	17.06	17.07	18.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.04	17.00	16.93	18.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.09	17.12	16.93	18.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.96	17.04	16.98	18.2	0.0

n2_Ant 31

BW [MHz]	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	23.03	23.00	24.0	0.0
20	PI/2 BPSK	1	53	23.00	22.96	22.94		
20	PI/2 BPSK	1	104	22.91	22.91	22.85		
20	PI/2 BPSK	50	0	22.50	22.53	22.48	23.5	0.5
20	PI/2 BPSK	50	28	23.00	23.01	22.98	24.0	0.0
20	PI/2 BPSK	50	56	22.40	22.47	22.47	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.38	22.34		
20	QPSK	1	1	23.03	23.05	23.02	24.0	0.0
20	QPSK	1	53	22.96	22.92	22.98		
20	QPSK	1	104	22.97	22.91	23.01		
20	QPSK	50	0	21.88	22.00	21.96	23.0	1.0
20	QPSK	50	28	23.01	23.03	23.00	24.0	0.0
20	QPSK	50	56	21.89	21.98	22.00	23.0	1.0
20	QPSK	100	0	22.03	22.05	22.02		
20	16QAM	1	1	21.83	21.91	21.81	23.0	1.0
20	64QAM	1	1	20.37	20.43	20.36	21.5	2.5
20	256QAM	1	1	19.02	19.03	18.94	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.94	22.96	22.91	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.98	22.95	22.88	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	22.92	22.92	22.90	24.0	0.0

n2_Ant 11

BW [MHz]	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	23.30	23.33	23.28	24.2	0.0
20	PI/2 BPSK	1	53	23.19	23.22	23.26		
20	PI/2 BPSK	1	104	23.28	23.19	23.18		
20	PI/2 BPSK	50	0	22.83	22.85	22.81	23.7	0.5
20	PI/2 BPSK	50	28	23.28	23.31	23.27	24.2	0.0
20	PI/2 BPSK	50	56	22.73	22.83	22.66	23.7	0.5
20	PI/2 BPSK	100	0	22.74	22.78	22.71		
20	QPSK	1	1	23.33	23.35	23.31	24.2	0.0
20	QPSK	1	53	23.28	23.30	23.28		
20	QPSK	1	104	23.29	23.33	23.29		
20	QPSK	50	0	22.29	22.22	22.16	23.2	1.0
20	QPSK	50	28	23.31	23.33	23.30	24.2	0.0
20	QPSK	50	56	22.22	22.20	22.20	23.2	1.0
20	QPSK	100	0	22.30	22.32	22.28		
20	16QAM	1	1	22.02	22.06	21.99	23.2	1.0
20	64QAM	1	1	20.53	20.63	20.56	21.7	2.5
20	256QAM	1	1	19.09	19.16	19.13	19.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.21	23.24	23.15	24.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.27	23.29	23.15	24.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.27	23.28	24.2	0.0

n5_Ant 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.50	20.61	20.57	21.5	0.0
20	PI/2 BPSK	1	53	20.62	20.58	20.52		
20	PI/2 BPSK	1	104	20.56	20.58	20.46		
20	PI/2 BPSK	50	0	20.48	20.61	20.51	21.5	0.0
20	PI/2 BPSK	50	28	20.56	20.55	20.47	21.5	0.0
20	PI/2 BPSK	50	56	20.49	20.52	20.47	21.5	0.0
20	PI/2 BPSK	100	0	20.54	20.52	20.46		
20	QPSK	1	1	20.66	20.68	20.65	21.5	0.0
20	QPSK	1	53	20.58	20.55	20.54		
20	QPSK	1	104	20.59	20.63	20.47		
20	QPSK	50	0	20.53	20.63	20.48	21.5	0.0
20	QPSK	50	28	20.65	20.67	20.63	21.5	0.0
20	QPSK	50	56	20.53	20.63	20.51	21.5	0.0
20	QPSK	100	0	20.63	20.65	20.61		
20	16QAM	1	1	20.54	20.51	20.46	21.5	0.0
20	64QAM	1	1	20.62	20.57	20.54	21.5	0.0
20	256QAM	1	1	20.05	20.08	19.95	20.5	1.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.51	20.61	20.57	21.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.53	20.58	20.60	21.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.62	20.59	20.55	21.5	0.0

n5_Ant 31

BW [MHz]	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	24.33	24.36	24.31	25.3	0.0
20	PI/2 BPSK	1	53	24.20	24.33	24.16		
20	PI/2 BPSK	1	104	24.28	24.23	24.18		
20	PI/2 BPSK	50	0	23.93	23.95	23.90	24.8	0.5
20	PI/2 BPSK	50	28	24.31	24.33	24.30	25.3	0.0
20	PI/2 BPSK	50	56	23.85	23.93	23.78	24.8	0.5
20	PI/2 BPSK	100	0	23.87	23.94	23.78		
20	QPSK	1	1	24.36	24.38	24.35	25.3	0.0
20	QPSK	1	53	24.24	24.37	24.22		
20	QPSK	1	104	24.27	24.26	24.27		
20	QPSK	50	0	23.33	23.25	23.20	24.3	1.0
20	QPSK	50	28	24.33	24.35	24.31	25.3	0.0
20	QPSK	50	56	23.27	23.21	23.18	24.3	1.0
20	QPSK	100	0	23.35	23.36	23.33		
20	16QAM	1	1	22.98	23.13	22.99	24.3	1.0
20	64QAM	1	1	21.58	21.67	21.64	22.8	2.5
20	256QAM	1	1	20.12	20.25	20.15	20.8	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.21	24.33	24.30	25.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.18	24.34	24.25	25.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.19	24.31	24.22	25.3	0.0

n7_Ant 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.17	15.18	15.23	16.2	0.0
50	PI/2 BPSK	1	135	15.25	15.31	15.16		
50	PI/2 BPSK	1	268	15.28	15.21	15.27		
50	PI/2 BPSK	135	0	15.20	15.27	15.20	16.2	0.0
50	PI/2 BPSK	135	68	15.29	15.25	15.16	16.2	0.0
50	PI/2 BPSK	135	135	15.23	15.26	15.21	16.2	0.0
50	PI/2 BPSK	270	0	15.26	15.21	15.24		
50	QPSK	1	1	15.35	15.37	15.33	16.2	0.0
50	QPSK	1	135	15.17	15.30	15.17		
50	QPSK	1	268	15.26	15.25	15.29		
50	QPSK	135	0	15.30	15.25	15.16	16.2	0.0
50	QPSK	135	68	15.33	15.35	15.31	16.2	0.0
50	QPSK	135	135	15.27	15.18	15.19	16.2	0.0
50	QPSK	270	0	15.31	15.33	15.30		
50	16QAM	1	1	15.22	15.31	15.16	16.2	0.0
50	64QAM	1	1	15.21	15.22	15.19	16.2	0.0
50	256QAM	1	1	15.29	15.18	15.28	16.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.30	15.22	15.20	16.2	0.0
Channel				503500	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.23	15.29	15.16	16.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.29	15.19	15.22	16.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.20	15.26	15.25	16.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.28	15.24	15.18	16.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.21	15.25	15.16	16.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.23	15.22	15.19	16.2	0.0

n7_Ant 31

BW [MHz]	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	23.50	23.52	23.48	24.4	0.0
50	Pi/2 BPSK	1	135	23.36	23.42	23.34		
50	Pi/2 BPSK	1	268	23.38	23.51	23.35		
50	Pi/2 BPSK	135	0	23.01	23.03	23.00	23.9	0.5
50	Pi/2 BPSK	135	68	23.48	23.50	23.47	24.4	0.0
50	Pi/2 BPSK	135	135	22.88	23.01	22.90	23.9	0.5
50	Pi/2 BPSK	270	0	22.96	22.89	22.95		
50	QPSK	1	1	23.53	23.55	23.51	24.4	0.0
50	QPSK	1	135	23.51	23.43	23.40		
50	QPSK	1	268	23.46	23.50	23.49		
50	QPSK	135	0	22.43	22.40	22.42	23.4	1.0
50	QPSK	135	68	23.51	23.53	23.50	24.4	0.0
50	QPSK	135	135	22.46	22.44	22.34	23.4	1.0
50	QPSK	270	0	22.48	22.50	22.47		
50	16QAM	1	1	22.13	22.16	22.04	23.4	1.0
50	64QAM	1	1	20.60	20.62	20.57	21.9	2.5
50	256QAM	1	1	19.25	19.26	19.11	19.9	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.42	23.41	23.43	24.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.38	23.41	23.37	24.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.43	23.38	23.36	24.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.36	23.39	23.41	24.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.44	23.49	23.48	24.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.37	23.40	23.44	24.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.42	23.39	23.46	24.4	0.0

n7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	17.31	17.30	17.26	18.4	0.0
50	Pi/2 BPSK	1	135	17.34	17.35	17.36		
50	Pi/2 BPSK	1	268	17.35	17.28	17.38		
50	Pi/2 BPSK	135	0	17.34	17.39	17.32	18.4	0.0
50	Pi/2 BPSK	135	68	17.30	17.28	17.32	18.4	0.0
50	Pi/2 BPSK	135	135	17.34	17.31	17.26	18.4	0.0
50	Pi/2 BPSK	270	0	17.31	17.38	17.34		
50	QPSK	1	1	17.44	17.46	17.43	18.4	0.0
50	QPSK	1	135	17.40	17.32	17.31		
50	QPSK	1	268	17.31	17.38	17.32		
50	QPSK	135	0	17.37	17.33	17.36	18.4	0.0
50	QPSK	135	68	17.43	17.45	17.41	18.4	0.0
50	QPSK	135	135	17.38	17.38	17.29	18.4	0.0
50	QPSK	270	0	17.41	17.43	17.40		
50	16QAM	1	1	17.33	17.39	17.35	18.4	0.0
50	64QAM	1	1	17.27	17.37	17.31	18.4	0.0
50	256QAM	1	1	17.35	17.32	17.33	18.4	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.28	17.36	17.32	18.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.37	17.41	17.30	18.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.35	17.33	17.33	18.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.39	17.34	17.37	18.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.39	17.30	17.39	18.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.26	17.35	17.37	18.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.28	17.41	17.27	18.4	0.0

n26_Ant 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	Pi/2 BPSK	1	1	22.26	22.37	22.27	23.2	0.0
20	Pi/2 BPSK	1	53	22.33	22.33	22.28		
20	Pi/2 BPSK	1	104	22.34	22.33	22.35		
20	Pi/2 BPSK	50	0	22.33	22.39	22.34	23.2	0.0
20	Pi/2 BPSK	50	28	22.25	22.28	22.24	23.2	0.0
20	Pi/2 BPSK	50	56	22.29	22.34	22.34	23.2	0.0
20	Pi/2 BPSK	100	0	22.29	22.33	22.37		
20	QPSK	1	1	22.43	22.45	22.41	23.2	0.0
20	QPSK	1	53	22.35	22.32	22.34		
20	QPSK	1	104	22.39	22.34	22.26		
20	QPSK	50	0	22.38	22.40	22.33	23.2	0.0
20	QPSK	50	28	22.41	22.43	22.40	23.2	0.0
20	QPSK	50	56	22.25	22.26	22.24	23.2	0.0
20	QPSK	100	0	22.40	22.41	22.38		
20	16QAM	1	1	22.31	22.30	22.34	23.2	0.0
20	64QAM	1	1	21.10	21.16	21.03	22.2	1.0
20	256QAM	1	1	19.74	19.80	19.75	20.2	3.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.34	22.29	22.32	23.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.36	22.30	22.37	23.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.32	22.40	22.24	23.2	0.0

n26_Ant 31

BW [MHz]	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	24.05	24.07	24.03	25.0	0.0
20	PI/2 BPSK	1	53	23.90	23.99	24.01		
20	PI/2 BPSK	1	104	23.92	24.04	23.99		
20	PI/2 BPSK	50	0	23.63	23.65	23.60	24.5	0.5
20	PI/2 BPSK	50	28	24.03	24.05	24.01	25.0	0.0
20	PI/2 BPSK	50	56	23.61	23.64	23.47	24.5	0.5
20	PI/2 BPSK	100	0	23.62	23.61	23.47		
20	QPSK	1	1	24.08	24.10	24.07	25.0	0.0
20	QPSK	1	53	23.94	24.08	24.00		
20	QPSK	1	104	24.04	24.02	24.00		
20	QPSK	50	0	23.02	22.98	22.98	24.0	1.0
20	QPSK	50	28	24.06	24.08	24.05	25.0	0.0
20	QPSK	50	56	22.94	23.01	22.90	24.0	1.0
20	QPSK	100	0	23.05	23.06	23.03		
20	16QAM	1	1	22.80	22.85	22.83	24.0	1.0
20	64QAM	1	1	21.23	21.38	21.23	22.5	2.5
20	256QAM	1	1	19.88	20.02	19.88	20.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.02	24.00	23.98	25.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.96	23.97	23.92	25.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.96	24.00	23.93	25.0	0.0

n66_Ant 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.54	16.56	16.58	17.7	0.0
40	PI/2 BPSK	1	108	16.67	16.67	16.56		
40	PI/2 BPSK	1	214	16.63	16.69	16.53		
40	PI/2 BPSK	108	0	16.65	16.56	16.63	17.7	0.0
40	PI/2 BPSK	108	54	16.55	16.66	16.52	17.7	0.0
40	PI/2 BPSK	108	108	16.63	16.66	16.52	17.7	0.0
40	PI/2 BPSK	216	0	16.57	16.69	16.65		
40	QPSK	1	1	16.71	16.73	16.70	17.7	0.0
40	QPSK	1	108	16.56	16.57	16.52		
40	QPSK	1	214	16.55	16.67	16.62		
40	QPSK	108	0	16.58	16.58	16.64	17.7	0.0
40	QPSK	108	54	16.70	16.71	16.68	17.7	0.0
40	QPSK	108	108	16.60	16.60	16.61	17.7	0.0
40	QPSK	216	0	16.68	16.70	16.67		
40	16QAM	1	1	16.57	16.60	16.56	17.7	0.0
40	64QAM	1	1	16.54	16.67	16.58	17.7	0.0
40	256QAM	1	1	16.56	16.62	16.56	17.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.61	16.59	16.56	17.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.56	16.64	16.61	17.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.59	16.56	16.66	17.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.54	16.68	16.64	17.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.57	16.58	16.56	17.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.57	16.62	16.63	17.7	0.0

n66_Ant 31

BW [MHz]	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	23.73	23.75	23.71	24.9	0.0
40	PI/2 BPSK	1	108	23.70	23.65	23.65		
40	PI/2 BPSK	1	214	23.64	23.68	23.69		
40	PI/2 BPSK	108	0	23.23	23.25	23.20	24.4	0.5
40	PI/2 BPSK	108	54	23.71	23.73	23.70	24.9	0.0
40	PI/2 BPSK	108	108	23.13	23.16	23.09	24.4	0.5
40	PI/2 BPSK	216	0	23.16	23.13	23.09		
40	QPSK	1	1	23.78	23.80	23.76	24.9	0.0
40	QPSK	1	108	23.67	23.76	23.61		
40	QPSK	1	214	23.74	23.71	23.67		
40	QPSK	108	0	22.63	22.75	22.70	23.9	1.0
40	QPSK	108	54	23.76	23.78	23.75	24.9	0.0
40	QPSK	108	108	22.64	22.73	22.63	23.9	1.0
40	QPSK	216	0	22.76	22.78	22.75		
40	16QAM	1	1	22.43	22.48	22.39	23.9	1.0
40	64QAM	1	1	20.98	21.06	20.97	22.4	2.5
40	256QAM	1	1	19.66	19.70	19.64	20.4	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.74	23.72	23.72	24.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.62	23.66	23.68	24.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.71	23.64	23.74	24.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.74	23.66	23.73	24.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.72	23.63	23.70	24.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.70	23.74	23.63	24.9	0.0

n66_Ant 11								
BW [MHz]	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	19.27	19.38	19.39	20.4	0.0
40	PI/2 BPSK	1	108	19.34	19.34	19.39		
40	PI/2 BPSK	1	214	19.36	19.38	19.29		
40	PI/2 BPSK	108	0	19.35	19.30	19.30	20.4	0.0
40	PI/2 BPSK	108	54	19.29	19.41	19.37	20.4	0.0
40	PI/2 BPSK	108	108	19.30	19.37	19.32	20.4	0.0
40	PI/2 BPSK	216	0	19.30	19.36	19.30		
40	QPSK	1	1	19.45	19.47	19.43	20.4	0.0
40	QPSK	1	108	19.40	19.35	19.36		
40	QPSK	1	214	19.32	19.42	19.36		
40	QPSK	108	0	19.40	19.39	19.33	20.4	0.0
40	QPSK	108	54	19.43	19.45	19.41	20.4	0.0
40	QPSK	108	108	19.38	19.30	19.36	20.4	0.0
40	QPSK	216	0	19.41	19.43	19.40		
40	16QAM	1	1	19.35	19.32	19.31	20.4	0.0
40	64QAM	1	1	19.31	19.34	19.30	20.4	0.0
40	256QAM	1	1	19.31	19.35	19.32	20.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.38	19.29	19.26	20.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.33	19.41	19.37	20.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.40	19.41	19.27	20.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.26	19.31	19.27	20.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.28	19.29	19.34	20.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.38	19.29	19.32	20.4	0.0

n38_Ant 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	14.61	14.64	14.53		
40	PI/2 BPSK	1	53	14.62	14.51	14.56	15.7	0.0
40	PI/2 BPSK	1	104	14.48	14.58	14.55		
40	PI/2 BPSK	50	0	14.59	14.53	14.47	15.7	0.0
40	PI/2 BPSK	50	28	14.49	14.56	14.49	15.7	0.0
40	PI/2 BPSK	50	56	14.55	14.60	14.53	15.7	0.0
40	PI/2 BPSK	100	0	14.60	14.53	14.59		
40	QPSK	1	1	14.66	14.68	14.64		
40	QPSK	1	53	14.61	14.62	14.50	15.7	0.0
40	QPSK	1	104	14.50	14.52	14.58		
40	QPSK	50	0	14.58	14.54	14.52	15.7	0.0
40	QPSK	50	28	14.65	14.67	14.63	15.7	0.0
40	QPSK	50	56	14.55	14.55	14.55	15.7	0.0
40	QPSK	100	0	14.63	14.65	14.61		
40	16QAM	1	1	14.50	14.64	14.46	15.7	0.0
40	64QAM	1	1	14.62	14.57	14.52	15.7	0.0
40	256QAM	1	1	14.50	14.56	14.60	15.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.48	14.64	14.46	15.7	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	14.60	14.59	14.52	15.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.59	14.62	14.50	15.7	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	14.51	14.50	15.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.51	14.63	14.58	15.7	0.0

n38_Ant 31

BW [MHz]	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	23.63	23.65	23.61		
40	PI/2 BPSK	1	53	23.58	23.57	23.48	24.5	0.0
40	PI/2 BPSK	1	104	23.60	23.61	23.47		
40	PI/2 BPSK	50	0	23.03	23.05	23.01	24.0	0.5
40	PI/2 BPSK	50	28	23.61	23.63	23.60	24.5	0.0
40	PI/2 BPSK	50	56	23.01	22.93	22.86	24.0	0.5
40	PI/2 BPSK	100	0	22.99	22.91	22.89		
40	QPSK	1	1	23.66	23.68	23.65		
40	QPSK	1	53	23.56	23.61	23.61	24.5	0.0
40	QPSK	1	104	23.51	23.66	23.52		
40	QPSK	50	0	22.37	22.45	22.37	23.5	1.0
40	QPSK	50	28	23.63	23.65	23.61	24.5	0.0
40	QPSK	50	56	22.37	22.48	22.41	23.5	1.0
40	QPSK	100	0	22.48	22.50	22.47		
40	16QAM	1	1	22.31	22.36	22.32	23.5	1.0
40	64QAM	1	1	20.84	20.86	20.80	22.0	2.5
40	256QAM	1	1	19.34	19.38	19.23	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.59	23.60	23.58	24.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	23.53	23.55	23.59	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.61	23.64	23.54	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.52	23.59	23.55	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.61	23.62	23.60	24.5	0.0

n38_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.31	16.32	16.37		
40	PI/2 BPSK	1	53	16.40	16.37	16.38	17.5	0.0
40	PI/2 BPSK	1	104	16.41	16.32	16.35		
40	PI/2 BPSK	50	0	16.34	16.37	16.35	17.5	0.0
40	PI/2 BPSK	50	28	16.40	16.38	16.38	17.5	0.0
40	PI/2 BPSK	50	56	16.39	16.41	16.41	17.5	0.0
40	PI/2 BPSK	100	0	16.41	16.32	16.42		
40	QPSK	1	1	16.48	16.50	16.47		
40	QPSK	1	53	16.37	16.43	16.31	17.5	0.0
40	QPSK	1	104	16.40	16.41	16.39		
40	QPSK	50	0	16.36	16.32	16.34	17.5	0.0
40	QPSK	50	28	16.47	16.48	16.45	17.5	0.0
40	QPSK	50	56	16.31	16.38	16.35	17.5	0.0
40	QPSK	100	0	16.45	16.46	16.43		
40	16QAM	1	1	16.39	16.32	16.33	17.5	0.0
40	64QAM	1	1	16.37	16.36	16.42	17.5	0.0
40	256QAM	1	1	16.44	16.33	16.41	17.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.31	16.31	16.42	17.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	16.37	16.34	16.38	17.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.43	16.40	16.37	17.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.30	16.34	16.31	17.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.44	16.45	16.39	17.5	0.0

n41_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.43	15.33	15.43		
100	PI/2 BPSK	1	137	15.35	15.42	15.40	16.9	0.0
100	PI/2 BPSK	1	271	15.44	15.36	15.38		
100	PI/2 BPSK	135	0	15.33	15.42	15.36	16.9	0.0
100	PI/2 BPSK	135	69	15.32	15.47	15.43	16.9	0.0
100	PI/2 BPSK	135	138	15.39	15.43	15.41	16.9	0.0
100	PI/2 BPSK	270	0	15.42	15.37	15.35		
100	QPSK	1	1	15.50	15.52	15.49		
100	QPSK	1	137	15.40	15.40	15.32	16.9	0.0
100	QPSK	1	271	15.36	15.42	15.41		
100	QPSK	135	0	15.35	15.42	15.40	16.9	0.0
100	QPSK	135	69	15.48	15.50	15.47	16.9	0.0
100	QPSK	135	138	15.44	15.35	15.40	16.9	0.0
100	QPSK	270	0	15.46	15.48	15.45		
100	16QAM	1	1	15.33	15.35	15.40	16.9	0.0
100	64QAM	1	1	15.45	15.38	15.32	16.9	0.0
100	256QAM	1	1	15.41	15.37	15.33	16.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.37	15.38	15.44	16.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.37	15.44	15.37	16.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.40	15.42	15.37	16.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.44	15.37	15.40	16.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.34	15.36	15.38	16.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.40	15.39	15.44	16.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	15.42	15.46	15.44	16.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.45	15.41	15.35	16.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.32	15.41	15.40	16.9	0.0

n41_HPUE_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.43	15.33	15.43		
100	PI/2 BPSK	1	137	15.35	15.42	15.40	16.9	0.0
100	PI/2 BPSK	1	271	15.44	15.36	15.38		
100	PI/2 BPSK	135	0	15.33	15.42	15.36	16.9	0.0
100	PI/2 BPSK	135	69	15.32	15.47	15.43	16.9	0.0
100	PI/2 BPSK	135	138	15.39	15.43	15.41	16.9	0.0
100	PI/2 BPSK	270	0	15.42	15.37	15.35		
100	QPSK	1	1	15.50	15.52	15.49		
100	QPSK	1	137	15.40	15.40	15.32	16.9	0.0
100	QPSK	1	271	15.36	15.42	15.41		
100	QPSK	135	0	15.35	15.42	15.40	16.9	0.0
100	QPSK	135	69	15.48	15.50	15.47	16.9	0.0
100	QPSK	135	138	15.44	15.35	15.40	16.9	0.0
100	QPSK	270	0	15.46	15.48	15.45		
100	16QAM	1	1	15.33	15.35	15.40	16.9	0.0
100	64QAM	1	1	15.45	15.38	15.32	16.9	0.0
100	256QAM	1	1	15.41	15.37	15.33	16.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.37	15.38	15.44	16.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.37	15.44	15.37	16.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.40	15.42	15.37	16.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.44	15.37	15.40	16.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.34	15.36	15.38	16.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.40	15.39	15.44	16.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	15.42	15.46	15.44	16.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.45	15.41	15.35	16.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.32	15.41	15.40	16.9	0.0

n41_Ant 31

BW [MHz]	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	22.38	22.47	22.40		
100	PI/2 BPSK	1	137	22.39	22.42	22.38	23.9	0.0
100	PI/2 BPSK	1	271	22.44	22.48	22.47		
100	PI/2 BPSK	135	0	22.41	22.46	22.44	23.9	0.0
100	PI/2 BPSK	135	69	22.44	22.43	22.44	23.9	0.0
100	PI/2 BPSK	135	138	22.45	22.49	22.46	23.9	0.0
100	PI/2 BPSK	270	0	22.36	22.38	22.45		
100	QPSK	1	1	22.53	22.56	22.51		
100	QPSK	1	137	22.48	22.48	22.42	23.9	0.0
100	QPSK	1	271	22.50	22.41	22.46		
100	QPSK	135	0	22.39	22.39	22.42	23.9	0.0
100	QPSK	135	69	22.51	22.53	22.50	23.9	0.0
100	QPSK	135	138	22.45	22.42	22.42	23.9	0.0
100	QPSK	270	0	22.48	22.50	22.47		
100	16QAM	1	1	22.36	22.43	22.40	23.9	0.0
100	64QAM	1	1	22.44	22.47	22.37	23.9	0.0
100	256QAM	1	1	20.68	20.70	20.67	21.9	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.48	22.49	22.45	23.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.42	22.39	22.38	23.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.40	22.43	22.41	23.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.40	22.46	22.49	23.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.40	22.41	22.42	23.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.38	22.49	22.40	23.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	22.40	22.41	22.35	23.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.43	22.39	22.35	23.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.39	22.52	22.37	23.9	0.0

n41_HPUE_Ant 31

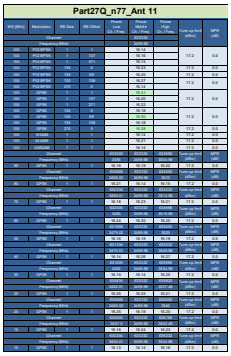
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	24.98	25.00	24.97		
100	PI/2 BPSK	1	137	24.91	24.92	24.84	26.5	0.0
100	PI/2 BPSK	1	271	24.95	24.93	24.85		
100	PI/2 BPSK	135	0	24.41	24.43	24.40	26.0	0.5
100	PI/2 BPSK	135	69	24.97	24.98	24.95	26.5	0.0
100	PI/2 BPSK	135	138	24.26	24.35	24.32	26.0	0.5
100	PI/2 BPSK	270	0	24.34	24.33	24.39		
100	QPSK	1	1	25.03	25.05	25.01		
100	QPSK	1	137	24.93	24.90	25.00	26.5	0.0
100	QPSK	1	271	24.99	24.92	24.92		
100	QPSK	135	0	23.82	23.80	23.78	25.5	1.0
100	QPSK	135	69	25.01	25.03	25.00	26.5	0.0
100	QPSK	135	138	23.82	23.85	23.78	25.5	1.0
100	QPSK	270	0	23.91	23.93	23.90		
100	16QAM	1	1	23.86	23.88	23.84	25.5	1.0
100	64QAM	1	1	22.01	22.15	22.04	24.0	2.5
100	256QAM	1	1	20.67	20.75	20.65	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.90	24.92	24.97	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.95	24.96	24.85	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.90	24.93	24.91	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.96	25.01	24.91	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.93	25.01	24.88	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.93	24.95	24.97	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	24.92	25.02	24.87	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.88	24.89	24.93	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.90	25.01	24.95	26.5	0.0

n41_Ant 11

BW [MHz]	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	17.84	17.78	17.79		
100	PI/2 BPSK	1	137	17.84	17.79	17.77	19.5	0.0
100	PI/2 BPSK	1	271	17.74	17.76	17.79		
100	PI/2 BPSK	135	0	17.86	17.83	17.83	19.5	0.0
100	PI/2 BPSK	135	69	17.88	17.82	17.74	19.5	0.0
100	PI/2 BPSK	135	138	17.86	17.77	17.85	19.5	0.0
100	PI/2 BPSK	270	0	17.85	17.87	17.80		
100	QPSK	1	1	17.92	17.94	17.90		
100	QPSK	1	137	17.77	17.78	17.75	19.5	0.0
100	QPSK	1	271	17.74	17.79	17.81		
100	QPSK	135	0	17.78	17.81	17.80	19.5	0.0
100	QPSK	135	69	17.90	17.93	17.89	19.5	0.0
100	QPSK	135	138	17.88	17.78	17.84	19.5	0.0
100	QPSK	270	0	17.89	17.90	17.87		
100	16QAM	1	1	17.75	17.77	17.83	19.5	0.0
100	64QAM	1	1	17.84	17.83	17.83	19.5	0.0
100	256QAM	1	1	17.87	17.83	17.81	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	17.77	17.85	17.73	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	17.80	17.75	17.82	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	17.83	17.86	17.77	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	17.86	17.84	17.85	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	17.74	17.89	17.74	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	17.84	17.77	17.79	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	17.76	17.77	17.77	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	17.82	17.84	17.74	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	17.78	17.82	17.78	19.5	0.0

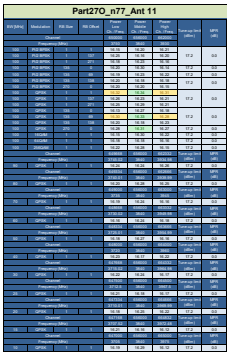
n41_HPUE_Ant 11

BW [MHz]	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	17.84	17.78	17.79		
100	PI/2 BPSK	1	137	17.84	17.79	17.77	19.5	0.0
100	PI/2 BPSK	1	271	17.74	17.76	17.79		
100	PI/2 BPSK	135	0	17.86	17.83	17.83	19.5	0.0
100	PI/2 BPSK	135	69	17.88	17.82	17.74	19.5	0.0
100	PI/2 BPSK	135	138	17.86	17.77	17.85	19.5	0.0
100	PI/2 BPSK	270	0	17.85	17.87	17.80		
100	QPSK	1	1	17.92	17.94	17.90		
100	QPSK	1	137	17.77	17.78	17.75	19.5	0.0
100	QPSK	1	271	17.74	17.79	17.81		
100	QPSK	135	0	17.78	17.81	17.80	19.5	0.0
100	QPSK	135	69	17.90	17.93	17.89	19.5	0.0
100	QPSK	135	138	17.88	17.78	17.84	19.5	0.0
100	QPSK	270	0	17.89	17.90	17.87		
100	16QAM	1	1	17.75	17.77	17.83	19.5	0.0
100	64QAM	1	1	17.84	17.83	17.83	19.5	0.0
100	256QAM	1	1	17.87	17.83	17.81	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	17.77	17.85	17.73	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	17.80	17.75	17.82	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	17.83	17.86	17.77	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	17.86	17.84	17.85	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	17.74	17.89	17.74	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	17.84	17.77	17.79	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	17.76	17.77	17.77	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	17.82	17.84	17.74	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	17.78	17.82	17.78	19.5	0.0



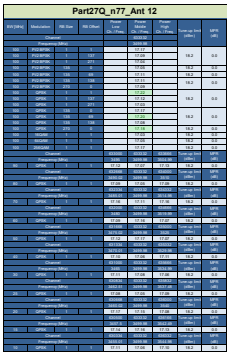
Part27O_n77_Ant 11

RAT [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	SAR [dB]
Channel				650000	653333	656666		
Frequency [MHz]				3255	3265	3275		
1900	PI/2-BPSK	1	1	16.13				
1900	PI/2-BPSK	1	137	16.12			17.2	0.0
1900	PI/2-BPSK	1	273	16.12				
1900	PI/2-BPSK	135	68	16.22			17.2	0.0
1900	PI/2-BPSK	135	136	16.27			17.2	0.0
1900	PI/2-BPSK	270	0	16.12				
1900	PI/2-BPSK	270	137	16.12				
1900	QPSK	1	0	16.22			17.2	0.0
1900	QPSK	1	273	16.22				
1900	QPSK	135	0	16.12				
1900	QPSK	135	68	16.22			17.2	0.0
1900	QPSK	135	136	16.22				
1900	QPSK	270	0	16.22			17.2	0.0
1900	64QAM	1	0	16.17			17.2	0.0
1900	64QAM	1	273	16.17			17.2	0.0
1900	256QAM	1	0	16.12			17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
80	QPSK	1	0	16.18	16.12	16.22	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
80	QPSK	1	137	16.18	16.12	16.22	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
80	QPSK	1	273	16.18	16.12	16.22	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
75	QPSK	1	0	16.18	16.23	16.27	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
40	QPSK	1	0	16.18	16.23	16.27	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
40	QPSK	1	137	16.18	16.23	16.27	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
40	QPSK	1	273	16.18	16.23	16.27	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
30	QPSK	1	0	16.18	16.23	16.27	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
25	QPSK	1	0	16.18	16.23	16.27	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
20	QPSK	1	0	16.18	16.23	16.27	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
15	QPSK	1	0	16.18	16.23	16.27	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
10	QPSK	1	0	16.18	16.18	16.18	17.2	0.0



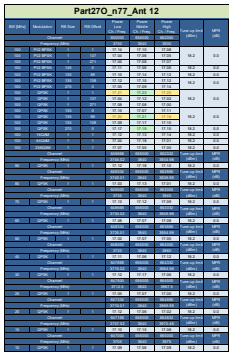
Part27O_n77_Ant 11

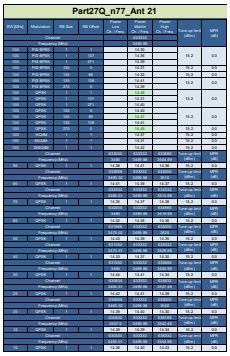
RAT [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	SAR [dB]
Channel				650000	653333	656666		
Frequency [MHz]				3255	3265	3275		
1900	PI/2-BPSK	1	1	16.19	16.25	16.23		
1900	PI/2-BPSK	1	137	16.20	16.19	15.99	17.2	0.0
1900	PI/2-BPSK	1	273	16.19	16.20	15.19		
1900	PI/2-BPSK	135	68	16.29	16.19	16.19	17.2	0.0
1900	PI/2-BPSK	135	136	16.33	16.19	16.39	17.2	0.0
1900	PI/2-BPSK	270	0	16.20	16.20	15.19		
1900	PI/2-BPSK	270	137	16.19	16.19	15.99		
1900	QPSK	1	0	16.38	16.33	16.31	17.4	0.0
1900	QPSK	1	273	16.28	16.28	16.23		
1900	QPSK	135	0	16.12	16.27	15.19		
1900	QPSK	135	68	16.33	16.33	16.28	17.2	0.0
1900	QPSK	135	136	16.33	16.19	16.39		
1900	QPSK	270	0	16.28	16.31	16.27	17.2	0.0
1900	64QAM	1	0	16.19	16.19	15.99	17.2	0.0
1900	64QAM	1	273	16.19	16.19	15.99	17.2	0.0
1900	256QAM	1	0	16.22	16.28	15.19	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
80	QPSK	1	0	16.22	16.23	16.28	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
80	QPSK	1	137	16.22	16.28	16.28	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
80	QPSK	1	273	16.19	16.28	16.28	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
75	QPSK	1	0	16.19	16.28	16.19	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
40	QPSK	1	0	16.19	16.27	16.19	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
40	QPSK	1	137	16.22	16.27	16.28	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
40	QPSK	1	273	16.22	16.28	16.28	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
30	QPSK	1	0	16.22	16.28	16.28	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
25	QPSK	1	0	16.22	16.28	16.28	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
20	QPSK	1	0	16.22	16.28	16.28	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
15	QPSK	1	0	16.22	16.28	16.28	17.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
10	QPSK	1	0	16.19	16.28	16.19	17.2	0.0

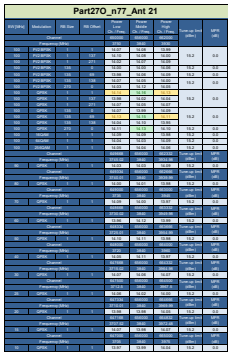


Part27Q_n77_Ant 12

RAT [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	SAR [dB]
Channel				650000	653333	656666		
Frequency [MHz]				3255	3265	3275		
1900	PI/2-BPSK	1	1	17.27				
1900	PI/2-BPSK	1	137	17.99			19.2	0.0
1900	PI/2-BPSK	1	273	17.69				
1900	PI/2-BPSK	135	68	17.69			19.2	0.0
1900	PI/2-BPSK	135	136	17.51			19.2	0.0
1900	PI/2-BPSK	270	0	17.69				
1900	PI/2-BPSK	270	137	17.69				
1900	QPSK	1	0	17.57			19.2	0.0
1900	QPSK	1	273	17.63				
1900	QPSK	135	0	17.57				
1900	QPSK	135	68	17.69			19.2	0.0
1900	QPSK	135	136	17.69				
1900	QPSK	270	0	17.58			19.2	0.0
1900	64QAM	1	0	17.57			19.2	0.0
1900	64QAM	1	273	17.63			19.2	0.0
1900	256QAM	1	0	17.57			19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
80	QPSK	1	0	17.12	17.67	17.15	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
80	QPSK	1	137	17.27	17.67	17.15	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
80	QPSK	1	273	17.12	17.67	17.15	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
75	QPSK	1	0	17.08	17.51	17.16	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
40	QPSK	1	0	17.08	17.16	17.16	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
40	QPSK	1	137	17.08	17.27	17.27	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
40	QPSK	1	273	17.08	17.27	17.27	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
30	QPSK	1	0	17.11	17.08	17.08	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
25	QPSK	1	0	17.08	17.08	17.08	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
20	QPSK	1	0	17.07	17.15	17.08	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
15	QPSK	1	0	17.13	17.08	17.13	19.2	0.0
Channel				650000	653333	656666	Tune-up limit	MPR
Frequency [MHz]				3255	3265	3275	[dBm]	[dB]
10	QPSK	1	0	17.11	17.08	17.15	19.2	0.0


Part27O_n77_Ant 12


Part27Q_n77_Ant 21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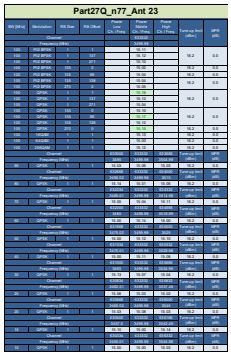
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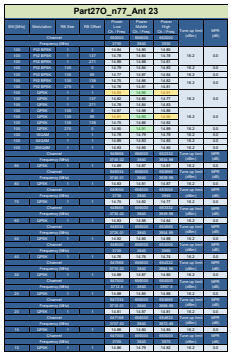
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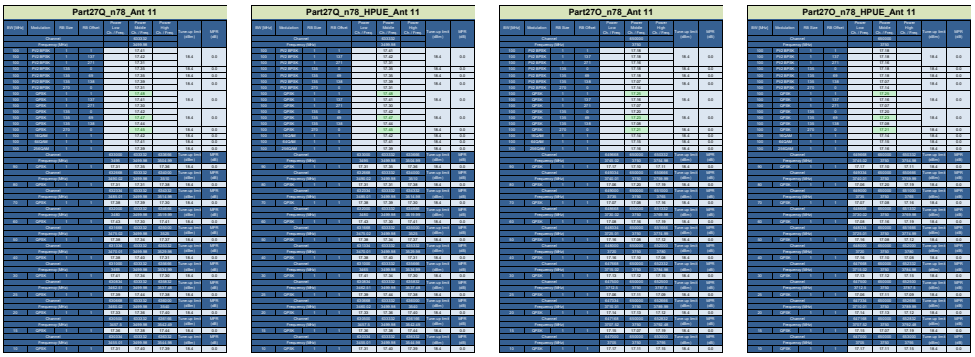


Part27Q_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low [dBm] / Freq	Power Mid [dBm] / Freq	Power High [dBm] / Freq	Tune-up limit [dBm]	MPR [dB]
Channel				620736				
Frequency [MHz]				3093.68				
100	PI/2-BPSK	1	0		17.43			
100	PI/2-BPSK	1	137		17.43		18.4	0.0
100	PI/2-BPSK	1	273		17.43			
100	PI/2-BPSK	136	0		17.39		18.4	0.0
100	PI/2-BPSK	136	68		17.53		18.4	0.0
100	PI/2-BPSK	136	136		17.39		18.4	0.0
100	PI/2-BPSK	273	0		17.43			
100	QPSK	1	0		17.43		18.4	0.0
100	QPSK	1	137		17.43			
100	QPSK	1	273		17.43			
100	QPSK	136	0		17.43		18.4	0.0
100	QPSK	136	68		17.53			
100	QPSK	136	136		17.43			
100	QPSK	273	0		17.43		18.4	0.0
100	16QAM	1	0		17.43		18.4	0.0
100	16QAM	1	137		17.43			
100	16QAM	1	273		17.43		18.4	0.0
Channel				620736	621024	621312	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3093.68	3093.98	3094.28		
90	QPSK	1	0	17.43	17.43	17.39	18.4	0.0
Channel				620700	621024	621348	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3093.32	3093.98	3094.64		
90	QPSK	1	0	17.43	17.43	17.39	18.4	0.0
Channel				620664	621024	621384	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.97	3093.98	3095.00		
90	QPSK	1	0	17.43	17.43	17.43	18.4	0.0
Channel				620628	621024	621420	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.61	3093.98	3095.35		
90	QPSK	1	0	17.39	17.43	17.43	18.4	0.0
Channel				620592	621024	621456	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.25	3093.98	3095.71		
90	QPSK	1	0	17.39	17.43	17.43	18.4	0.0
Channel				620556	621024	621492	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3091.90	3093.98	3096.06		
90	QPSK	1	0	17.39	17.43	17.43	18.4	0.0

Part27Q_n78_HPUE_Ant 11

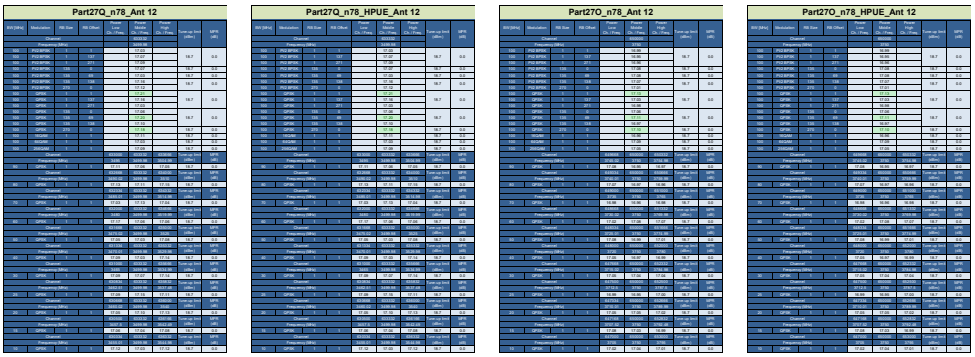
BW [MHz]	Modulation	RB Size	RB Offset	Power Low [dBm] / Freq	Power Mid [dBm] / Freq	Power High [dBm] / Freq	Tune-up limit [dBm]	MPR [dB]
Channel				620736				
Frequency [MHz]				3093.68				
100	PI/2-BPSK	1	0		17.43			
100	PI/2-BPSK	1	137		17.43		18.4	0.0
100	PI/2-BPSK	1	273		17.43			
100	PI/2-BPSK	136	0		17.39		18.4	0.0
100	PI/2-BPSK	136	68		17.39		18.4	0.0
100	PI/2-BPSK	136	136		17.39		18.4	0.0
100	PI/2-BPSK	273	0		17.43			
100	QPSK	1	0		17.43		18.4	0.0
100	QPSK	1	137		17.43			
100	QPSK	1	273		17.43			
100	QPSK	136	0		17.43		18.4	0.0
100	QPSK	136	68		17.53			
100	QPSK	136	136		17.43			
100	QPSK	273	0		17.43		18.4	0.0
100	16QAM	1	0		17.43		18.4	0.0
100	16QAM	1	137		17.43			
100	16QAM	1	273		17.39		18.4	0.0
Channel				620736	621024	621312	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3093.68	3093.98	3094.28		
90	QPSK	1	0	17.43	17.39	17.39	18.4	0.0
Channel				620700	621024	621348	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3093.32	3093.98	3094.64		
90	QPSK	1	0	17.43	17.39	17.39	18.4	0.0
Channel				620664	621024	621384	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.97	3093.98	3095.00		
90	QPSK	1	0	17.43	17.43	17.43	18.4	0.0
Channel				620628	621024	621420	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.61	3093.98	3095.35		
90	QPSK	1	0	17.39	17.43	17.43	18.4	0.0
Channel				620592	621024	621456	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.25	3093.98	3095.71		
90	QPSK	1	0	17.39	17.43	17.43	18.4	0.0
Channel				620556	621024	621492	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3091.90	3093.98	3096.06		
90	QPSK	1	0	17.39	17.43	17.43	18.4	0.0

Part27O_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low [dBm] / Freq	Power Mid [dBm] / Freq	Power High [dBm] / Freq	Tune-up limit [dBm]	MPR [dB]
Channel				620736				
Frequency [MHz]				3093.68				
100	PI/2-BPSK	1	0		17.39			
100	PI/2-BPSK	1	137		17.39		18.4	0.0
100	PI/2-BPSK	1	273		17.39			
100	PI/2-BPSK	136	0		17.39		18.4	0.0
100	PI/2-BPSK	136	68		17.39		18.4	0.0
100	PI/2-BPSK	136	136		17.27		18.4	0.0
100	PI/2-BPSK	273	0		17.39			
100	QPSK	1	0		17.39		18.4	0.0
100	QPSK	1	137		17.27			
100	QPSK	1	273		17.27			
100	QPSK	136	0		17.27		18.4	0.0
100	QPSK	136	68		17.39			
100	QPSK	136	136		17.27			
100	QPSK	273	0		17.27		18.4	0.0
100	16QAM	1	0		17.39		18.4	0.0
100	16QAM	1	137		17.39			
100	16QAM	1	273		17.39		18.4	0.0
Channel				620736	621024	621312	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3093.68	3093.98	3094.28		
90	QPSK	1	0	17.27	17.39	17.39	18.4	0.0
Channel				620700	621024	621348	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3093.32	3093.98	3094.64		
90	QPSK	1	0	17.27	17.39	17.39	18.4	0.0
Channel				620664	621024	621384	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.97	3093.98	3095.00		
90	QPSK	1	0	17.27	17.27	17.27	18.4	0.0
Channel				620628	621024	621420	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.61	3093.98	3095.35		
90	QPSK	1	0	17.27	17.27	17.27	18.4	0.0
Channel				620592	621024	621456	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.25	3093.98	3095.71		
90	QPSK	1	0	17.27	17.27	17.27	18.4	0.0
Channel				620556	621024	621492	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3091.90	3093.98	3096.06		
90	QPSK	1	0	17.27	17.27	17.27	18.4	0.0

Part27O_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low [dBm] / Freq	Power Mid [dBm] / Freq	Power High [dBm] / Freq	Tune-up limit [dBm]	MPR [dB]
Channel				620736				
Frequency [MHz]				3093.68				
100	PI/2-BPSK	1	0		17.39			
100	PI/2-BPSK	1	137		17.39		18.4	0.0
100	PI/2-BPSK	1	273		17.39			
100	PI/2-BPSK	136	0		17.39		18.4	0.0
100	PI/2-BPSK	136	68		17.39		18.4	0.0
100	PI/2-BPSK	136	136		17.39		18.4	0.0
100	PI/2-BPSK	273	0		17.39			
100	QPSK	1	0		17.43		18.4	0.0
100	QPSK	1	137		17.43			
100	QPSK	1	273		17.43			
100	QPSK	136	0		17.43		18.4	0.0
100	QPSK	136	68		17.53			
100	QPSK	136	136		17.43			
100	QPSK	273	0		17.43		18.4	0.0
100	16QAM	1	0		17.43		18.4	0.0
100	16QAM	1	137		17.43			
100	16QAM	1	273		17.39		18.4	0.0
Channel				620736	621024	621312	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3093.68	3093.98	3094.28		
90	QPSK	1	0	17.43	17.39	17.39	18.4	0.0
Channel				620700	621024	621348	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3093.32	3093.98	3094.64		
90	QPSK	1	0	17.43	17.39	17.39	18.4	0.0
Channel				620664	621024	621384	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.97	3093.98	3095.00		
90	QPSK	1	0	17.43	17.43	17.43	18.4	0.0
Channel				620628	621024	621420	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.61	3093.98	3095.35		
90	QPSK	1	0	17.39	17.43	17.43	18.4	0.0
Channel				620592	621024	621456	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3092.25	3093.98	3095.71		
90	QPSK	1	0	17.39	17.43	17.43	18.4	0.0
Channel				620556	621024	621492	Tune-up limit [dBm]	MPR [dB]
Frequency [MHz]				3091.90	3093.98	3096.06		
90	QPSK	1	0	17.39	17.43	17.43	18.4	0.0



Part27Q_n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low [dBm] / [Freq]	Power Middle [dBm] / [Freq]	Power High [dBm] / [Freq]	Tune-up limit [dBm]	SAR [dB]
Channel				639008				
Frequency [MHz]				3424.04				
100	PI/2-BPSK	1	0		17.63			
100	PI/2-BPSK	1	137		17.67		18.7	0.0
100	PI/2-BPSK	1	273		17.69			
100	PI/2-BPSK	136	0		17.61		18.7	0.0
100	PI/2-BPSK	136	68		17.63		18.7	0.0
100	PI/2-BPSK	136	136		17.72		18.7	0.0
100	PI/2-BPSK	273	0		17.62			
100	QPSK	1	0		17.63			
100	QPSK	1	137		17.72		18.7	0.0
100	QPSK	1	273		17.63			
100	QPSK	136	0		17.63			
100	QPSK	136	68		17.63		18.7	0.0
100	QPSK	136	136		17.72			
100	QPSK	273	0		17.62			
100	16QAM	1	0		17.62			
100	16QAM	1	137		17.62		18.7	0.0
100	16QAM	1	1		17.62			
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
90	QPSK	1	0	17.72	17.72	17.72	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
90	QPSK	1	0	17.72	17.72	17.72	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
90	QPSK	1	0	17.72	17.72	17.72	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
90	QPSK	1	0	17.72	17.72	17.72	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
40	QPSK	1	0	17.69	17.63	17.74	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
40	QPSK	1	0	17.69	17.67	17.73	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
40	QPSK	1	0	17.69	17.63	17.74	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
20	QPSK	1	0	17.69	17.63	17.73	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
20	QPSK	1	0	17.69	17.63	17.69	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
20	QPSK	1	0	17.72	17.63	17.72	18.7	0.0

Part27Q_n78_HPUE_Ant 12

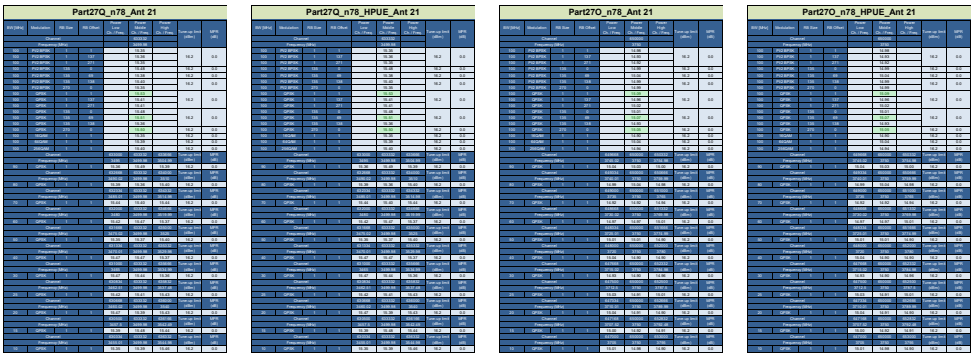
BW [MHz]	Modulation	RB Size	RB Offset	Power Low [dBm] / [Freq]	Power Middle [dBm] / [Freq]	Power High [dBm] / [Freq]	Tune-up limit [dBm]	SAR [dB]
Channel				639008				
Frequency [MHz]				3424.04				
100	PI/2-BPSK	1	0		17.63			
100	PI/2-BPSK	1	137		17.67		18.7	0.0
100	PI/2-BPSK	1	273		17.69			
100	PI/2-BPSK	136	0		17.61		18.7	0.0
100	PI/2-BPSK	136	68		17.63		18.7	0.0
100	PI/2-BPSK	136	136		17.72		18.7	0.0
100	PI/2-BPSK	273	0		17.62			
100	QPSK	1	0		17.63			
100	QPSK	1	137		17.72		18.7	0.0
100	QPSK	1	273		17.63			
100	QPSK	136	0		17.63			
100	QPSK	136	68		17.63		18.7	0.0
100	QPSK	136	136		17.72			
100	QPSK	273	0		17.62			
100	16QAM	1	0		17.62			
100	16QAM	1	137		17.62		18.7	0.0
100	16QAM	1	1		17.62			
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
90	QPSK	1	0	17.72	17.72	17.72	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
90	QPSK	1	0	17.72	17.72	17.72	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
90	QPSK	1	0	17.72	17.72	17.72	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
90	QPSK	1	0	17.72	17.72	17.72	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
40	QPSK	1	0	17.69	17.63	17.74	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
40	QPSK	1	0	17.69	17.67	17.73	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
40	QPSK	1	0	17.69	17.63	17.74	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
20	QPSK	1	0	17.69	17.63	17.73	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
20	QPSK	1	0	17.69	17.63	17.69	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
20	QPSK	1	0	17.72	17.63	17.72	18.7	0.0

Part27O_n78_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low [dBm] / [Freq]	Power Middle [dBm] / [Freq]	Power High [dBm] / [Freq]	Tune-up limit [dBm]	SAR [dB]
Channel				639008				
Frequency [MHz]				3424.04				
100	PI/2-BPSK	1	0		16.99			
100	PI/2-BPSK	1	137		16.99		18.7	0.0
100	PI/2-BPSK	1	273		16.98			
100	PI/2-BPSK	136	0		17.08		18.7	0.0
100	PI/2-BPSK	136	68		17.08		18.7	0.0
100	PI/2-BPSK	136	136		17.07		18.7	0.0
100	PI/2-BPSK	273	0		17.01			
100	QPSK	1	0		16.99			
100	QPSK	1	137		17.08		18.7	0.0
100	QPSK	1	273		16.99			
100	QPSK	136	0		16.99			
100	QPSK	136	68		17.08		18.7	0.0
100	QPSK	136	136		17.07			
100	QPSK	273	0		17.01			
100	16QAM	1	0		17.08			
100	16QAM	1	137		17.08		18.7	0.0
100	16QAM	1	1		17.08			
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
90	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
90	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
90	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
90	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
40	QPSK	1	0	16.97	16.99	17.08	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
40	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
40	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
20	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
20	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
20	QPSK	1	0	17.08	16.99	17.08	18.7	0.0

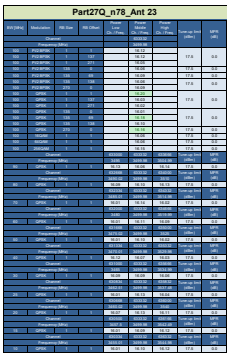
Part27O_n78_HPUE_Ant 12

BW [MHz]	Modulation	RB Size	RB Offset	Power Low [dBm] / [Freq]	Power Middle [dBm] / [Freq]	Power High [dBm] / [Freq]	Tune-up limit [dBm]	SAR [dB]
Channel				639008				
Frequency [MHz]				3424.04				
100	PI/2-BPSK	1	0		16.99			
100	PI/2-BPSK	1	137		16.99		18.7	0.0
100	PI/2-BPSK	1	273		16.98			
100	PI/2-BPSK	136	0		17.08		18.7	0.0
100	PI/2-BPSK	136	68		17.08		18.7	0.0
100	PI/2-BPSK	136	136		17.07		18.7	0.0
100	PI/2-BPSK	273	0		17.01			
100	QPSK	1	0		16.99			
100	QPSK	1	137		17.08		18.7	0.0
100	QPSK	1	273		16.99			
100	QPSK	136	0		16.99			
100	QPSK	136	68		17.08		18.7	0.0
100	QPSK	136	136		17.07			
100	QPSK	273	0		17.01			
100	16QAM	1	0		17.08			
100	16QAM	1	137		17.08		18.7	0.0
100	16QAM	1	1		17.08			
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
90	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
90	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
90	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
90	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
40	QPSK	1	0	16.99	16.99	17.08	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
40	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
40	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				639008	640672	642336	Tune-up limit	SAR
Frequency [MHz]				3424.04	3437.72	3451.4	[dBm]	[dB]
20	QPSK	1	0	16.99	16.99	17.08	18.7	0.0
Channel				641664	643328	644992	Tune-up limit	SAR
Frequency [MHz]				3445.92	3459.6	3473.28	[dBm]	[dB]
20	QPSK	1	0	17.08	16.99	17.08	18.7	0.0
Channel				644330	645994	647658	Tune-up limit	SAR
Frequency [MHz]				3467.72	3481.4	3495.08	[dBm]	[dB]
20	QPSK	1	0	17.08	16.99	17.08	18.7	0.0



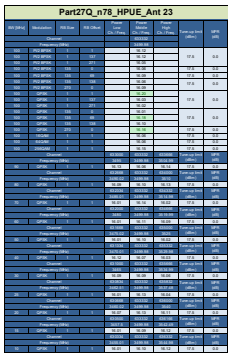
Part27Q_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low [dBm] / Ch. / Freq.	Power Middle [dBm] / Ch. / Freq.	Power High [dBm] / Ch. / Freq.	Tune-up limit [dBm]	SAR [dB]
Channel				518598				
Frequency [MHz]				3459.99				
100	PI/2-BPSK	1	0	19.59				
100	PI/2-BPSK	1	137	19.43			18.2	0.0
100	PI/2-BPSK	1	273	19.69				
100	PI/2-BPSK	135	0	17.69			18.2	0.0
100	PI/2-BPSK	135	68	19.59			18.2	0.0
100	PI/2-BPSK	135	136	19.45			18.2	0.0
100	PI/2-BPSK	270	0	19.60				
100	PI/2-BPSK	270	68	19.52			18.2	0.0
100	QPSK	1	137	19.47			18.2	0.0
100	QPSK	1	273	19.43				
100	QPSK	135	0	19.43				
100	QPSK	135	68	19.52			18.2	0.0
100	QPSK	135	136	19.39				
100	QPSK	270	0	19.60			18.2	0.0
100	QPSK	270	68	19.52			18.2	0.0
100	64QAM	1	0	19.39			18.2	0.0
100	256QAM	1	0	19.42			18.2	0.0
Channel				521364	521598	521832	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3479.76	3481.32	3482.88		
90	QPSK	1	0	19.36	19.43	19.39	18.2	0.0
Channel				521364	521598	521832	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3479.76	3481.32	3482.88		
90	QPSK	1	1	19.36	19.43	19.39	18.2	0.0
Channel				521364	521598	521832	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3479.76	3481.32	3482.88		
90	QPSK	1	50	19.36	19.43	19.39	18.2	0.0
Channel				521364	521598	521832	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3479.76	3481.32	3482.88		
90	QPSK	1	99	19.36	19.43	19.39	18.2	0.0
Channel				521364	521598	521832	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3479.76	3481.32	3482.88		
90	QPSK	1	0



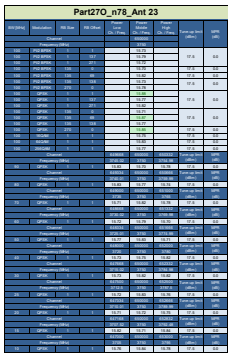
Part27Q_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	SAR [dB]
Channel				636666				
Frequency [MHz]				3319.98				
100	PI/2-BPSK	1	0		16.12			
100	PI/2-BPSK	1	137		16.13		17.6	0.0
100	PI/2-BPSK	1	273		16.03			
100	PI/2-BPSK	136	0		17.03		17.6	0.0
100	PI/2-BPSK	136	68		16.03		17.6	0.0
100	PI/2-BPSK	136	136		16.03		17.6	0.0
100	PI/2-BPSK	273	0		16.03			
100	QPSK	1	0		16.03		17.6	0.0
100	QPSK	1	137		16.03			
100	QPSK	1	273		16.03			
100	QPSK	136	0		16.13		17.6	0.0
100	QPSK	136	68		16.13			
100	QPSK	273	0		16.13		17.6	0.0
100	16QAM	1	0		16.03			
100	16QAM	1	137		16.03		17.6	0.0
100	16QAM	1	273		16.03			
Channel				636666	636666	636666	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3319.98	3319.98	3319.98		
90	QPSK	1	0	16.13	16.03	16.13	17.6	0.0
Channel				633334	633333	633332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3299.97	3299.96	3299.95		
90	QPSK	1	0	16.13	16.03	16.13	17.6	0.0
Channel				633334	633333	633332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3299.97	3299.96	3299.95		
70	QPSK	1	0	16.13	16.02	16.13	17.6	0.0
Channel				633000	633000	633000	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3296.01	3296.01	3296.01		
60	QPSK	1	0	16.01	16.13	16.08	17.6	0.0
Channel				631334	631333	631332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3279.97	3279.96	3279.95		
50	QPSK	1	0	16.01	16.13	16.02	17.6	0.0
Channel				631000	631000	631000	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3276.01	3276.01	3276.01		
40	QPSK	1	0	16.03	16.07	16.03	17.6	0.0
Channel				630666	630666	630666	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3272.04	3272.04	3272.04		
30	QPSK	1	0	16.06	16.05	16.05	17.6	0.0
Channel				630334	630333	630332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3268.01	3268.00	3267.99		
25	QPSK	1	0	16.01	16.13	16.04	17.6	0.0
Channel				630166	630167	630168	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3266.07	3266.08	3266.09		
20	QPSK	1	0	16.07	16.13	16.11	17.6	0.0
Channel				629834	629833	629832	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3262.14	3262.13	3262.12		
15	QPSK	1	0	16.01	16.03	16.12	17.6	0.0
Channel				629502	629500	629498	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3258.21	3258.19	3258.17		
10	QPSK	1	0	16.01	16.13	16.13	17.6	0.0



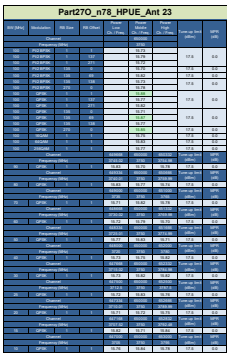
Part27Q_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	SAR [dB]
Channel				636666				
Frequency [MHz]				3319.98				
100	PI/2-BPSK	1	0		16.12			
100	PI/2-BPSK	1	137		16.13		17.6	0.0
100	PI/2-BPSK	1	273		16.03			
100	PI/2-BPSK	136	0		16.98		17.6	0.0
100	PI/2-BPSK	136	68		16.98		17.6	0.0
100	PI/2-BPSK	136	136		16.98		17.6	0.0
100	PI/2-BPSK	273	0		16.98			
100	QPSK	1	0		16.03		17.6	0.0
100	QPSK	1	137		16.03			
100	QPSK	1	273		16.03			
100	QPSK	136	0		16.13		17.6	0.0
100	QPSK	136	68		16.13			
100	QPSK	273	0		16.13		17.6	0.0
100	16QAM	1	0		16.03			
100	16QAM	1	137		16.03		17.6	0.0
100	16QAM	1	273		16.03			
Channel				636666	636666	636666	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3319.98	3319.98	3319.98		
90	QPSK	1	0	16.13	16.98	16.13	17.6	0.0
Channel				633334	633333	633332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3299.97	3299.96	3299.95		
90	QPSK	1	0	16.13	16.98	16.13	17.6	0.0
Channel				633334	633333	633332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3299.97	3299.96	3299.95		
70	QPSK	1	0	16.01	16.13	16.02	17.6	0.0
Channel				633000	633000	633000	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3296.01	3296.01	3296.01		
60	QPSK	1	0	16.13	16.13	16.09	17.6	0.0
Channel				631334	631333	631332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3279.97	3279.96	3279.95		
50	QPSK	1	0	16.13	16.13	16.02	17.6	0.0
Channel				631000	631000	631000	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3276.01	3276.01	3276.01		
40	QPSK	1	0	16.12	16.07	16.03	17.6	0.0
Channel				630666	630666	630666	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3272.04	3272.04	3272.04		
30	QPSK	1	0	16.06	16.06	16.06	17.6	0.0
Channel				630334	630333	630332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3268.01	3268.00	3267.99		
25	QPSK	1	0	16.01	16.13	16.04	17.6	0.0
Channel				630166	630167	630168	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3266.07	3266.08	3266.09		
20	QPSK	1	0	16.07	16.13	16.11	17.6	0.0
Channel				629834	629833	629832	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3262.14	3262.13	3262.12		
15	QPSK	1	0	16.01	16.13	16.13	17.6	0.0
Channel				629502	629500	629498	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3258.21	3258.19	3258.17		
10	QPSK	1	0	16.01	16.13	16.13	17.6	0.0



Part27O_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	SAR [dB]
Channel				636666				
Frequency [MHz]				3319.98				
100	PI/2-BPSK	1	0		15.23			
100	PI/2-BPSK	1	137		15.79		17.6	0.0
100	PI/2-BPSK	1	273		15.72			
100	PI/2-BPSK	136	0		15.72		17.6	0.0
100	PI/2-BPSK	136	68		15.82		17.6	0.0
100	PI/2-BPSK	136	136		15.72		17.6	0.0
100	PI/2-BPSK	273	0		15.78			
100	QPSK	1	0		15.72		17.6	0.0
100	QPSK	1	137		15.77			
100	QPSK	1	273		15.82			
100	QPSK	136	0		15.91		17.6	0.0
100	QPSK	136	68		15.97			
100	QPSK	136	136		15.91		17.6	0.0
100	QPSK	273	0		15.91			
100	16QAM	1	0		15.82		17.6	0.0
100	16QAM	1	137		15.77			
100	16QAM	1	273		15.82			
Channel				636666	636666	636666	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3319.98	3319.98	3319.98		
90	QPSK	1	0	15.93	15.78	15.78	17.6	0.0
Channel				633334	633333	633332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3299.97	3299.96	3299.95		
90	QPSK	1	0	15.93	15.78	15.78	17.6	0.0
Channel				633334	633333	633332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3299.97	3299.96	3299.95		
70	QPSK	1	0	15.71	15.82	15.78	17.6	0.0
Channel				633000	633000	633000	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3296.01	3296.01	3296.01		
60	QPSK	1	0	15.72	15.78	15.78	17.6	0.0
Channel				631334	631333	631332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3279.97	3279.96	3279.95		
50	QPSK	1	0	15.77	15.82	15.71	17.6	0.0
Channel				631000	631000	631000	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3276.01	3276.01	3276.01		
40	QPSK	1	0	15.73	15.78	15.82	17.6	0.0
Channel				630666	630666	630666	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3272.04	3272.04	3272.04		
30	QPSK	1	0	15.79	15.89	15.89	17.6	0.0
Channel				630334	630333	630332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3268.01	3268.00	3267.99		
25	QPSK	1	0	15.79	15.89	15.82	17.6	0.0
Channel				630166	630167	630168	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3266.07	3266.08	3266.09		
20	QPSK	1	0	15.73	15.89	15.89	17.6	0.0
Channel				629834	629833	629832	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3262.14	3262.13	3262.12		
15	QPSK	1	0	15.89	15.71	15.89	17.6	0.0
Channel				629502	629500	629498	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3258.21	3258.19	3258.17		
10	QPSK	1	0	15.89	15.89	15.89	17.6	0.0



Part27O_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit [dBm]	SAR [dB]
Channel				636666				
Frequency [MHz]				3319.98				
100	PI/2-BPSK	1	0		16.75			
100	PI/2-BPSK	1	137		16.79		17.6	0.0
100	PI/2-BPSK	1	273		16.72			
100	PI/2-BPSK	136	0		16.72		17.6	0.0
100	PI/2-BPSK	136	68		16.82		17.6	0.0
100	PI/2-BPSK	136	136		16.72		17.6	0.0
100	PI/2-BPSK	273	0		16.78			
100	QPSK	1	0		16.72		17.6	0.0
100	QPSK	1	137		16.77			
100	QPSK	1	273		16.82			
100	QPSK	136	0		16.91		17.6	0.0
100	QPSK	136	68		16.97			
100	QPSK	136	136		16.91		17.6	0.0
100	QPSK	273	0		16.91			
100	16QAM	1	0		16.82		17.6	0.0
100	16QAM	1	137		16.77			
100	16QAM	1	273		16.82			
Channel				636666	636666	636666	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3319.98	3319.98	3319.98		
90	QPSK	1	0	16.93	16.78	16.78	17.6	0.0
Channel				633334	633333	633332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3299.97	3299.96	3299.95		
90	QPSK	1	0	16.93	16.78	16.78	17.6	0.0
Channel				633334	633333	633332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3299.97	3299.96	3299.95		
70	QPSK	1	0	16.71	16.82	16.78	17.6	0.0
Channel				633000	633000	633000	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3296.01	3296.01	3296.01		
60	QPSK	1	0	16.72	16.78	16.78	17.6	0.0
Channel				631334	631333	631332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3279.97	3279.96	3279.95		
50	QPSK	1	0	16.77	16.82	16.71	17.6	0.0
Channel				631000	631000	631000	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3276.01	3276.01	3276.01		
40	QPSK	1	0	16.73	16.78	16.82	17.6	0.0
Channel				630666	630666	630666	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3272.04	3272.04	3272.04		
30	QPSK	1	0	16.79	16.89	16.89	17.6	0.0
Channel				630334	630333	630332	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3268.01	3268.00	3267.99		
25	QPSK	1	0	16.79	16.89	16.82	17.6	0.0
Channel				630166	630167	630168	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3266.07	3266.08	3266.09		
20	QPSK	1	0	16.73	16.89	16.89	17.6	0.0
Channel				629834	629833	629832	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3262.14	3262.13	3262.12		
15	QPSK	1	0	16.89	16.71	16.89	17.6	0.0
Channel				629502	629500	629498	Tune-up limit [dBm]	SAR [dB]
Frequency [MHz]				3258.21	3258.19	3258.17		
10	QPSK	1	0	16.89	16.89	16.89	17.6	0.0

Reduced Power Mode for ECI3

n2_Ant 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	15.12	15.05	15.06	16.2	0.0
20	PI/2 BPSK	1	53	15.10	15.02	15.06		
20	PI/2 BPSK	1	104	14.99	15.05	14.98		
20	PI/2 BPSK	50	0	15.08	15.03	15.07	16.2	0.0
20	PI/2 BPSK	50	28	15.11	15.11	15.01	16.2	0.0
20	PI/2 BPSK	50	56	15.03	15.02	15.04	16.2	0.0
20	PI/2 BPSK	100	0	15.02	15.13	15.02		
20	QPSK	1	1	15.16	15.18	15.14	16.2	0.0
20	QPSK	1	53	15.04	15.09	15.03		
20	QPSK	1	104	15.00	15.06	15.09		
20	QPSK	50	0	15.09	15.05	15.07	16.2	0.0
20	QPSK	50	28	15.15	15.17	15.13	16.2	0.0
20	QPSK	50	56	15.05	15.08	14.98	16.2	0.0
20	QPSK	100	0	15.13	15.15	15.11		
20	16QAM	1	1	14.98	15.04	15.04	16.2	0.0
20	64QAM	1	1	15.07	15.02	15.09	16.2	0.0
20	256QAM	1	1	15.00	15.14	14.98	16.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	15.03	15.10	14.98	16.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	15.02	15.08	15.04	16.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	15.00	15.13	15.03	16.2	0.0

n2_Ant 31

BW [MHz]	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	23.03	23.00	24.0	0.0
20	PI/2 BPSK	1	53	23.00	22.96	22.94		
20	PI/2 BPSK	1	104	22.91	22.91	22.85		
20	PI/2 BPSK	50	0	22.50	22.53	22.48	23.5	0.5
20	PI/2 BPSK	50	28	23.00	23.01	22.98	24.0	0.0
20	PI/2 BPSK	50	56	22.40	22.47	22.47	23.5	0.5
20	PI/2 BPSK	100	0	22.42	22.38	22.34		
20	QPSK	1	1	23.03	23.05	23.02	24.0	0.0
20	QPSK	1	53	22.96	22.92	22.98		
20	QPSK	1	104	22.97	22.91	23.01		
20	QPSK	50	0	21.88	22.00	21.96	23.0	1.0
20	QPSK	50	28	23.01	23.03	23.00	24.0	0.0
20	QPSK	50	56	21.89	21.98	22.00	23.0	1.0
20	QPSK	100	0	22.03	22.05	22.02		
20	16QAM	1	1	21.83	21.91	21.81	23.0	1.0
20	64QAM	1	1	20.37	20.43	20.36	21.5	2.5
20	256QAM	1	1	19.02	19.03	18.94	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.94	22.96	22.91	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.98	22.95	22.88	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	22.92	22.92	22.90	24.0	0.0

n2_Ant 11

BW [MHz]	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	22.25	22.28	22.25	23.2	0.0
20	PI/2 BPSK	1	53	22.26	22.20	22.23		
20	PI/2 BPSK	1	104	22.21	22.28	22.18		
20	PI/2 BPSK	50	0	22.20	22.26	22.23	23.2	0.0
20	PI/2 BPSK	50	28	22.25	22.25	22.17	23.2	0.0
20	PI/2 BPSK	50	56	22.27	22.30	22.25	23.2	0.0
20	PI/2 BPSK	100	0	22.26	22.20	22.22		
20	QPSK	1	1	22.35	22.37	22.33	23.2	0.0
20	QPSK	1	53	22.27	22.24	22.13		
20	QPSK	1	104	22.27	22.31	22.27		
20	QPSK	50	0	22.19	22.28	22.21	23.2	0.0
20	QPSK	50	28	22.33	22.35	22.31	23.2	0.0
20	QPSK	50	56	22.18	22.22	22.14	23.2	0.0
20	QPSK	100	0	22.30	22.32	22.28		
20	16QAM	1	1	22.02	22.06	21.99	23.2	0.0
20	64QAM	1	1	20.53	20.63	20.56	21.7	1.5
20	256QAM	1	1	19.09	19.16	19.13	19.7	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.18	22.23	22.20	23.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.16	22.19	22.18	23.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.15	22.22	22.14	23.2	0.0

n5_Ant 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.54	19.55	19.57	20.5	0.0
20	PI/2 BPSK	1	53	19.48	19.50	19.45		
20	PI/2 BPSK	1	104	19.46	19.58	19.58		
20	PI/2 BPSK	50	0	19.55	19.51	19.52	20.5	0.0
20	PI/2 BPSK	50	28	19.54	19.53	19.53	20.5	0.0
20	PI/2 BPSK	50	56	19.49	19.49	19.57		
20	PI/2 BPSK	100	0	19.56	19.59	19.54	20.5	0.0
20	QPSK	1	1	19.65	19.67	19.64	20.5	0.0
20	QPSK	1	53	19.60	19.52	19.53		
20	QPSK	1	104	19.59	19.52	19.50		
20	QPSK	50	0	19.59	19.60	19.56	20.5	0.0
20	QPSK	50	28	19.63	19.65	19.61	20.5	0.0
20	QPSK	50	56	19.54	19.54	19.52		
20	QPSK	100	0	19.61	19.63	19.60	20.5	0.0
20	16QAM	1	1	19.51	19.56	19.49	20.5	0.0
20	64QAM	1	1	19.46	19.59	19.49	20.5	0.0
20	256QAM	1	1	19.55	19.56	19.54	20.5	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.53	19.51	19.48	20.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	19.58	19.52	19.52	20.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.60	19.49	19.57	20.5	0.0

n5_Ant 31

BW [MHz]	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	24.33	24.36	24.31	25.3	0.0
20	PI/2 BPSK	1	53	24.20	24.33	24.16		
20	PI/2 BPSK	1	104	24.28	24.23	24.18		
20	PI/2 BPSK	50	0	23.93	23.95	23.90	24.8	0.5
20	PI/2 BPSK	50	28	24.31	24.33	24.30	25.3	0.0
20	PI/2 BPSK	50	56	23.85	23.93	23.78	24.8	0.5
20	PI/2 BPSK	100	0	23.87	23.94	23.78		
20	QPSK	1	1	24.36	24.38	24.35	25.3	0.0
20	QPSK	1	53	24.24	24.37	24.22		
20	QPSK	1	104	24.27	24.26	24.27		
20	QPSK	50	0	23.33	23.25	23.20	24.3	1.0
20	QPSK	50	28	24.33	24.35	24.31	25.3	0.0
20	QPSK	50	56	23.27	23.21	23.18	24.3	1.0
20	QPSK	100	0	23.35	23.36	23.33		
20	16QAM	1	1	22.98	23.13	22.99	24.3	1.0
20	64QAM	1	1	21.58	21.67	21.64	22.8	2.5
20	256QAM	1	1	20.12	20.25	20.15	20.8	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.21	24.33	24.30	25.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.18	24.34	24.25	25.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.19	24.31	24.22	25.3	0.0

n7_Ant 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.19	14.23	14.18	15.2	0.0
50	PI/2 BPSK	1	135	14.21	14.28	14.18		
50	PI/2 BPSK	1	268	14.18	14.28	14.21		
50	PI/2 BPSK	135	0	14.21	14.21	14.19	15.2	0.0
50	PI/2 BPSK	135	68	14.22	14.26	14.22	15.2	0.0
50	PI/2 BPSK	135	135	14.29	14.25	14.13	15.2	0.0
50	PI/2 BPSK	270	0	14.25	14.26	14.16		
50	QPSK	1	1	14.33	14.37	14.32	15.2	0.0
50	QPSK	1	135	14.24	14.30	14.13		
50	QPSK	1	268	14.28	14.30	14.14		
50	QPSK	135	0	14.26	14.31	14.22	15.2	0.0
50	QPSK	135	68	14.31	14.35	14.30	15.2	0.0
50	QPSK	135	135	14.25	14.29	14.27	15.2	0.0
50	QPSK	270	0	14.30	14.33	14.28		
50	16QAM	1	1	14.19	14.30	14.18	15.2	0.0
50	64QAM	1	1	14.27	14.21	14.20	15.2	0.0
50	256QAM	1	1	14.22	14.27	14.21	15.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.16	14.21	14.17	15.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.21	14.28	14.14	15.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.28	14.25	14.22	15.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.17	14.25	14.15	15.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.28	14.29	14.21	15.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.27	14.20	14.15	15.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.20	14.20	14.20	15.2	0.0

n7_Ant 31

BW [MHz]	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	23.50	23.52	23.48	24.4	0.0
50	Pi/2 BPSK	1	135	23.36	23.42	23.34		
50	Pi/2 BPSK	1	268	23.38	23.51	23.35		
50	Pi/2 BPSK	135	0	23.01	23.03	23.00	23.9	0.5
50	Pi/2 BPSK	135	68	23.48	23.50	23.47	24.4	0.0
50	Pi/2 BPSK	135	135	22.88	23.01	22.90	23.9	0.5
50	Pi/2 BPSK	270	0	22.96	22.89	22.95		
50	QPSK	1	1	23.53	23.55	23.51	24.4	0.0
50	QPSK	1	135	23.51	23.43	23.40		
50	QPSK	1	268	23.46	23.50	23.49		
50	QPSK	135	0	22.43	22.40	22.42	23.4	1.0
50	QPSK	135	68	23.51	23.53	23.50	24.4	0.0
50	QPSK	135	135	22.46	22.44	22.34	23.4	1.0
50	QPSK	270	0	22.48	22.50	22.47		
50	16QAM	1	1	22.13	22.16	22.04	23.4	1.0
50	64QAM	1	1	20.60	20.62	20.57	21.9	2.5
50	256QAM	1	1	19.25	19.26	19.11	19.9	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.42	23.41	23.43	24.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.38	23.41	23.37	24.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.43	23.38	23.36	24.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.36	23.39	23.41	24.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.44	23.49	23.48	24.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.37	23.40	23.44	24.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.42	23.39	23.46	24.4	0.0

n7_Ant 11

BW [MHz]	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	15.77	15.80	15.74	16.9	0.0
50	Pi/2 BPSK	1	135	15.80	15.84	15.82		
50	Pi/2 BPSK	1	268	15.82	15.77	15.73		
50	Pi/2 BPSK	135	0	15.89	15.87	15.85	16.9	0.0
50	Pi/2 BPSK	135	68	15.75	15.87	15.83	16.9	0.0
50	Pi/2 BPSK	135	135	15.75	15.80	15.85	16.9	0.0
50	Pi/2 BPSK	270	0	15.77	15.76	15.78		
50	QPSK	1	1	15.93	15.95	15.92	16.9	0.0
50	QPSK	1	135	15.89	15.84	15.73		
50	QPSK	1	268	15.86	15.76	15.78		
50	QPSK	135	0	15.86	15.81	15.75	16.9	0.0
50	QPSK	135	68	15.91	15.93	15.90	16.9	0.0
50	QPSK	135	135	15.83	15.83	15.82	16.9	0.0
50	QPSK	270	0	15.90	15.91	15.88		
50	16QAM	1	1	15.76	15.76	15.85	16.9	0.0
50	64QAM	1	1	15.84	15.77	15.74	16.9	0.0
50	256QAM	1	1	15.80	15.77	15.86	16.9	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.75	15.85	15.82	16.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.81	15.80	15.79	16.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.78	15.83	15.83	16.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.77	15.84	15.87	16.9	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	15.82	15.74	16.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.79	15.76	15.85	16.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.75	15.84	15.79	16.9	0.0

n26_Ant 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	Pi/2 BPSK	1	1	20.73	20.77	20.82	21.7	0.0
20	Pi/2 BPSK	1	53	20.78	20.86	20.72		
20	Pi/2 BPSK	1	104	20.79	20.80	20.75		
20	Pi/2 BPSK	50	0	20.86	20.78	20.72	21.7	0.0
20	Pi/2 BPSK	50	28	20.79	20.89	20.78	21.7	0.0
20	Pi/2 BPSK	50	56	20.84	20.81	20.81	21.7	0.0
20	Pi/2 BPSK	100	0	20.84	20.77	20.71		
20	QPSK	1	1	20.92	20.93	20.90	21.7	0.0
20	QPSK	1	53	20.85	20.76	20.85		
20	QPSK	1	104	20.85	20.86	20.76		
20	QPSK	50	0	20.83	20.78	20.79	21.7	0.0
20	QPSK	50	28	20.90	20.91	20.88	21.7	0.0
20	QPSK	50	56	20.82	20.85	20.73	21.7	0.0
20	QPSK	100	0	20.88	20.90	20.86		
20	16QAM	1	1	20.83	20.76	20.82	21.7	0.0
20	64QAM	1	1	20.74	20.80	20.84	21.7	0.0
20	256QAM	1	1	19.74	19.80	19.75	20.2	1.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.79	20.75	20.74	21.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.79	20.80	20.77	21.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.78	20.80	20.71	21.7	0.0

n26_Ant 31

BW [MHz]	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	24.05	24.07	24.03	25.0	0.0
20	PI/2 BPSK	1	53	23.90	23.99	24.01		
20	PI/2 BPSK	1	104	23.92	24.04	23.99		
20	PI/2 BPSK	50	0	23.63	23.65	23.60	24.5	0.5
20	PI/2 BPSK	50	28	24.03	24.05	24.01	25.0	0.0
20	PI/2 BPSK	50	56	23.61	23.64	23.47	24.5	0.5
20	PI/2 BPSK	100	0	23.62	23.61	23.47		
20	QPSK	1	1	24.08	24.10	24.07	25.0	0.0
20	QPSK	1	53	23.94	24.08	24.00		
20	QPSK	1	104	24.04	24.02	24.00		
20	QPSK	50	0	23.02	22.98	22.98	24.0	1.0
20	QPSK	50	28	24.06	24.08	24.05	25.0	0.0
20	QPSK	50	56	22.94	23.01	22.90	24.0	1.0
20	QPSK	100	0	23.05	23.06	23.03		
20	16QAM	1	1	22.80	22.85	22.83	24.0	1.0
20	64QAM	1	1	21.23	21.38	21.23	22.5	2.5
20	256QAM	1	1	19.88	20.02	19.88	20.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.02	24.00	23.98	25.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.96	23.97	23.92	25.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.96	24.00	23.93	25.0	0.0

n66_Ant 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.11	15.08	15.04	16.2	0.0
40	PI/2 BPSK	1	108	15.13	15.13	15.16		
40	PI/2 BPSK	1	214	15.03	15.12	15.10		
40	PI/2 BPSK	108	0	15.09	15.19	15.03	16.2	0.0
40	PI/2 BPSK	108	54	15.05	15.13	15.09	16.2	0.0
40	PI/2 BPSK	108	108	15.10	15.09	15.06	16.2	0.0
40	PI/2 BPSK	216	0	15.08	15.15	15.08		
40	QPSK	1	1	15.21	15.23	15.20	16.2	0.0
40	QPSK	1	108	15.15	15.18	15.07		
40	QPSK	1	214	15.12	15.15	15.05		
40	QPSK	108	0	15.16	15.17	15.14	16.2	0.0
40	QPSK	108	54	15.20	15.21	15.18	16.2	0.0
40	QPSK	108	108	15.05	15.10	15.08	16.2	0.0
40	QPSK	216	0	15.18	15.20	15.17		
40	16QAM	1	1	15.05	15.05	15.06	16.2	0.0
40	64QAM	1	1	15.11	15.12	15.04	16.2	0.0
40	256QAM	1	1	15.08	15.10	15.07	16.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.09	15.07	15.09	16.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.16	15.09	15.10	16.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.15	15.12	15.06	16.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.10	15.09	15.15	16.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.07	15.10	15.03	16.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.16	15.08	15.06	16.2	0.0

n66_Ant 31

BW [MHz]	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	23.73	23.75	23.71	24.9	0.0
40	PI/2 BPSK	1	108	23.70	23.65	23.65		
40	PI/2 BPSK	1	214	23.64	23.68	23.69		
40	PI/2 BPSK	108	0	23.23	23.25	23.20	24.4	0.5
40	PI/2 BPSK	108	54	23.71	23.73	23.70	24.9	0.0
40	PI/2 BPSK	108	108	23.13	23.16	23.09	24.4	0.5
40	PI/2 BPSK	216	0	23.16	23.13	23.09		
40	QPSK	1	1	23.78	23.80	23.76	24.9	0.0
40	QPSK	1	108	23.67	23.76	23.61		
40	QPSK	1	214	23.74	23.71	23.67		
40	QPSK	108	0	22.63	22.75	22.70	23.9	1.0
40	QPSK	108	54	23.76	23.78	23.75	24.9	0.0
40	QPSK	108	108	22.64	22.73	22.63	23.9	1.0
40	QPSK	216	0	22.76	22.78	22.75		
40	16QAM	1	1	22.43	22.48	22.39	23.9	1.0
40	64QAM	1	1	20.98	21.06	20.97	22.4	2.5
40	256QAM	1	1	19.66	19.70	19.64	20.4	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.74	23.72	23.72	24.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.62	23.66	23.68	24.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.71	23.64	23.74	24.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.74	23.66	23.73	24.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.72	23.63	23.70	24.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.70	23.74	23.63	24.9	0.0

n66_Ant 11								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.89	17.86	17.80	18.9	0.0
40	PI/2 BPSK	1	108	17.86	17.85	17.80		
40	PI/2 BPSK	1	214	17.80	17.88	17.81		
40	PI/2 BPSK	108	0	17.77	17.88	17.88	18.9	0.0
40	PI/2 BPSK	108	54	17.77	17.91	17.88	18.9	0.0
40	PI/2 BPSK	108	108	17.86	17.78	17.78	18.9	0.0
40	PI/2 BPSK	216	0	17.88	17.84	17.82		
40	QPSK	1	1	17.95	17.97	17.93	18.9	0.0
40	QPSK	1	108	17.82	17.81	17.85		
40	QPSK	1	214	17.88	17.92	17.79		
40	QPSK	108	0	17.86	17.82	17.89	18.9	0.0
40	QPSK	108	54	17.93	17.95	17.91	18.9	0.0
40	QPSK	108	108	17.80	17.88	17.85	18.9	0.0
40	QPSK	216	0	17.91	17.93	17.90		
40	16QAM	1	1	17.86	17.80	17.76	18.9	0.0
40	64QAM	1	1	17.80	17.80	17.82	18.9	0.0
40	256QAM	1	1	17.79	17.86	17.78	18.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.82	17.92	17.83	18.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.88	17.88	17.88	18.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.88	17.92	17.82	18.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.89	17.81	17.79	18.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.80	17.85	17.83	18.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.77	17.91	17.79	18.9	0.0

n38_Ant 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	13.59	13.63	13.52		
40	PI/2 BPSK	1	53	13.53	13.55	13.47	14.7	0.0
40	PI/2 BPSK	1	104	13.59	13.58	13.56		
40	PI/2 BPSK	50	0	13.55	13.58	13.48	14.7	0.0
40	PI/2 BPSK	50	28	13.56	13.51	13.57	14.7	0.0
40	PI/2 BPSK	50	56	13.52	13.62	13.55	14.7	0.0
40	PI/2 BPSK	100	0	13.59	13.53	13.55		
40	QPSK	1	1	13.66	13.68	13.64		
40	QPSK	1	53	13.59	13.54	13.49	14.7	0.0
40	QPSK	1	104	13.50	13.63	13.58		
40	QPSK	50	0	13.58	13.64	13.46	14.7	0.0
40	QPSK	50	28	13.65	13.67	13.63	14.7	0.0
40	QPSK	50	56	13.58	13.64	13.47	14.7	0.0
40	QPSK	100	0	13.63	13.65	13.61		
40	16QAM	1	1	13.62	13.53	13.50	14.7	0.0
40	64QAM	1	1	13.54	13.57	13.57	14.7	0.0
40	256QAM	1	1	13.52	13.59	13.51	14.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	13.50	13.64	13.55	14.7	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	13.60	13.61	13.56	14.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.61	13.50	13.46	14.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	13.60	13.59	13.54	14.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	13.55	13.64	13.49	14.7	0.0

n38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.54	20.54	20.51		
40	PI/2 BPSK	1	53	20.58	20.57	20.49	21.5	0.0
40	PI/2 BPSK	1	104	20.55	20.65	20.49		
40	PI/2 BPSK	50	0	20.57	20.54	20.61	21.5	0.0
40	PI/2 BPSK	50	28	20.58	20.57	20.58	21.5	0.0
40	PI/2 BPSK	50	56	20.59	20.57	20.56	21.5	0.0
40	PI/2 BPSK	100	0	20.59	20.53	20.59		
40	QPSK	1	1	20.69	20.71	20.68		
40	QPSK	1	53	20.62	20.61	20.54	21.5	0.0
40	QPSK	1	104	20.55	20.61	20.51		
40	QPSK	50	0	20.57	20.54	20.57	21.5	0.0
40	QPSK	50	28	20.67	20.70	20.65	21.5	0.0
40	QPSK	50	56	20.57	20.64	20.53	21.5	0.0
40	QPSK	100	0	20.65	20.66	20.63		
40	16QAM	1	1	20.53	20.62	20.60	21.5	0.0
40	64QAM	1	1	20.52	20.54	20.50	21.5	0.0
40	256QAM	1	1	19.34	19.38	19.23	20.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.64	20.64	20.48	21.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	20.57	20.59	20.49	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.59	20.65	20.58	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.52	20.57	20.62	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.52	20.52	20.52	21.5	0.0

n38_Ant 11

BW [MHz]	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	13.85	13.88	13.86		
40	PI/2 BPSK	1	53	13.83	13.89	13.82	15.0	0.0
40	PI/2 BPSK	1	104	13.91	13.88	13.82		
40	PI/2 BPSK	50	0	13.81	13.87	13.86	15.0	0.0
40	PI/2 BPSK	50	28	13.92	13.83	13.88	15.0	0.0
40	PI/2 BPSK	50	56	13.85	13.82	13.91	15.0	0.0
40	PI/2 BPSK	100	0	13.80	13.91	13.81		
40	QPSK	1	1	13.98	14.00	13.97		
40	QPSK	1	53	13.86	13.94	13.92	15.0	0.0
40	QPSK	1	104	13.91	13.85	13.87		
40	QPSK	50	0	13.90	13.95	13.83	15.0	0.0
40	QPSK	50	28	13.97	13.98	13.95	15.0	0.0
40	QPSK	50	56	13.93	13.90	13.82	15.0	0.0
40	QPSK	100	0	13.95	13.96	13.93		
40	16QAM	1	1	13.91	13.83	13.87	15.0	0.0
40	64QAM	1	1	13.92	13.95	13.88	15.0	0.0
40	256QAM	1	1	13.86	13.88	13.85	15.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	13.91	13.86	13.84	15.0	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	13.85	13.91	13.90	15.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.84	13.88	13.92	15.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	13.83	13.87	13.85	15.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	13.94	13.84	13.84	15.0	0.0

n41_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.44	14.48	14.37		
100	PI/2 BPSK	1	137	14.36	14.44	14.33	15.9	0.0
100	PI/2 BPSK	1	271	14.34	14.46	14.37		
100	PI/2 BPSK	135	0	14.38	14.37	14.45	15.9	0.0
100	PI/2 BPSK	135	69	14.45	14.40	14.38	15.9	0.0
100	PI/2 BPSK	135	138	14.45	14.49	14.42	15.9	0.0
100	PI/2 BPSK	270	0	14.37	14.41	14.39		
100	QPSK	1	1	14.51	14.53	14.50		
100	QPSK	1	137	14.42	14.45	14.37	15.9	0.0
100	QPSK	1	271	14.37	14.36	14.42		
100	QPSK	135	0	14.34	14.49	14.46	15.9	0.0
100	QPSK	135	69	14.50	14.51	14.48	15.9	0.0
100	QPSK	135	138	14.40	14.38	14.45	15.9	0.0
100	QPSK	270	0	14.48	14.50	14.47		
100	16QAM	1	1	14.44	14.48	14.33	15.9	0.0
100	64QAM	1	1	14.47	14.48	14.33	15.9	0.0
100	256QAM	1	1	14.39	14.47	14.32	15.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.46	14.45	14.44	15.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.34	14.48	14.39	15.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.37	14.39	14.41	15.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.35	14.41	14.45	15.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.42	14.49	14.44	15.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.33	14.49	14.38	15.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.44	14.45	14.39	15.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.39	14.43	14.46	15.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.38	14.41	14.36	15.9	0.0

n41_HPUE_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.44	14.48	14.37		
100	PI/2 BPSK	1	137	14.36	14.44	14.33	15.9	0.0
100	PI/2 BPSK	1	271	14.34	14.46	14.37		
100	PI/2 BPSK	135	0	14.38	14.37	14.45	15.9	0.0
100	PI/2 BPSK	135	69	14.45	14.40	14.38	15.9	0.0
100	PI/2 BPSK	135	138	14.45	14.49	14.42	15.9	0.0
100	PI/2 BPSK	270	0	14.37	14.41	14.39		
100	QPSK	1	1	14.51	14.53	14.50		
100	QPSK	1	137	14.42	14.45	14.37	15.9	0.0
100	QPSK	1	271	14.37	14.36	14.42		
100	QPSK	135	0	14.34	14.49	14.46	15.9	0.0
100	QPSK	135	69	14.50	14.51	14.48	15.9	0.0
100	QPSK	135	138	14.40	14.38	14.45	15.9	0.0
100	QPSK	270	0	14.48	14.50	14.47		
100	16QAM	1	1	14.44	14.48	14.33	15.9	0.0
100	64QAM	1	1	14.47	14.48	14.33	15.9	0.0
100	256QAM	1	1	14.39	14.47	14.32	15.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.46	14.45	14.44	15.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.34	14.48	14.39	15.9	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.37	14.39	14.41	15.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.35	14.41	14.45	15.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.42	14.49	14.44	15.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.33	14.49	14.38	15.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.44	14.45	14.39	15.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	14.39	14.43	14.46	15.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	14.38	14.41	14.36	15.9	0.0

n41_Ant 31

BW [MHz]	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	21.92	22.01	21.91		
100	PI/2 BPSK	1	137	21.90	21.96	21.85	23.5	0.0
100	PI/2 BPSK	1	271	21.92	21.97	21.98		
100	PI/2 BPSK	135	0	22.00	21.98	21.97	23.5	0.0
100	PI/2 BPSK	135	69	21.93	22.01	21.99	23.5	0.0
100	PI/2 BPSK	135	138	22.00	22.01	21.92	23.5	0.0
100	PI/2 BPSK	270	0	22.00	21.92	21.99		
100	QPSK	1	1	22.03	22.05	22.01		
100	QPSK	1	137	21.91	22.02	21.90	23.5	0.0
100	QPSK	1	271	21.96	21.92	21.89		
100	QPSK	135	0	22.00	22.01	21.92	23.5	0.0
100	QPSK	135	69	22.01	22.03	22.00	23.5	0.0
100	QPSK	135	138	21.94	22.00	21.87	23.5	0.0
100	QPSK	270	0	21.91	21.93	21.90		
100	16QAM	1	1	21.98	21.99	21.93	23.5	0.0
100	64QAM	1	1	21.89	22.02	21.92	23.5	0.0
100	256QAM	1	1	20.67	20.75	20.65	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	21.90	21.88	21.87	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	21.89	21.89	21.87	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	21.98	21.94	21.92	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	21.89	21.98	21.86	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	21.91	21.89	21.89	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	21.96	21.89	21.94	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	21.98	21.96	21.92	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	21.94	21.99	21.98	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	21.87	22.00	21.91	23.5	0.0

n41_HPUE_Ant 31

BW [MHz]	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	21.92	22.01	21.91		
100	PI/2 BPSK	1	137	21.90	21.96	21.85	23.5	0.0
100	PI/2 BPSK	1	271	21.92	21.97	21.98		
100	PI/2 BPSK	135	0	22.00	21.98	21.97	23.5	0.0
100	PI/2 BPSK	135	69	21.93	22.01	21.99	23.5	0.0
100	PI/2 BPSK	135	138	22.00	22.01	21.92	23.5	0.0
100	PI/2 BPSK	270	0	22.00	21.92	21.99		
100	QPSK	1	1	22.03	22.05	22.01		
100	QPSK	1	137	21.91	22.02	21.90	23.5	0.0
100	QPSK	1	271	21.96	21.92	21.89		
100	QPSK	135	0	22.00	22.01	21.92	23.5	0.0
100	QPSK	135	69	22.01	22.03	22.00	23.5	0.0
100	QPSK	135	138	21.94	22.00	21.87	23.5	0.0
100	QPSK	270	0	21.91	21.93	21.90		
100	16QAM	1	1	21.98	21.99	21.93	23.5	0.0
100	64QAM	1	1	21.89	22.02	21.92	23.5	0.0
100	256QAM	1	1	20.67	20.75	20.65	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	21.90	21.88	21.87	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	21.89	21.89	21.87	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	21.98	21.94	21.92	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	21.89	21.98	21.86	23.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.91	21.89	21.89	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	21.96	21.89	21.94	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	21.98	21.96	21.92	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	21.94	21.99	21.98	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	21.87	22.00	21.91	23.5	0.0

n41_Ant 11

BW [MHz]	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	15.26	15.34	15.29		
100	PI/2 BPSK	1	137	15.29	15.30	15.25	17.0	0.0
100	PI/2 BPSK	1	271	15.25	15.38	15.27		
100	PI/2 BPSK	135	0	15.32	15.33	15.22	17.0	0.0
100	PI/2 BPSK	135	69	15.28	15.27	15.27	17.0	0.0
100	PI/2 BPSK	135	138	15.29	15.26	15.33	17.0	0.0
100	PI/2 BPSK	270	0	15.36	15.33	15.24		
100	QPSK	1	1	15.41	15.43	15.40		
100	QPSK	1	137	15.33	15.27	15.30	17.0	0.0
100	QPSK	1	271	15.36	15.27	15.23		
100	QPSK	135	0	15.25	15.33	15.27	17.0	0.0
100	QPSK	135	69	15.40	15.41	15.38	17.0	0.0
100	QPSK	135	138	15.28	15.33	15.30	17.0	0.0
100	QPSK	270	0	15.38	15.40	15.36		
100	16QAM	1	1	15.30	15.32	15.29	17.0	0.0
100	64QAM	1	1	15.25	15.30	15.33	17.0	0.0
100	256QAM	1	1	15.32	15.26	15.25	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	15.29	15.28	15.21	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	15.32	15.31	15.29	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	15.34	15.37	15.25	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	15.25	15.35	15.33	17.0	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.24	15.26	15.27	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	15.28	15.26	15.30	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	15.25	15.33	15.23	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	15.24	15.36	15.30	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	15.29	15.29	15.35	17.0	0.0

n41_HPUE_Ant 11

BW [MHz]	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	15.26	15.34	15.29		
100	PI/2 BPSK	1	137	15.29	15.30	15.25	17.0	0.0
100	PI/2 BPSK	1	271	15.25	15.38	15.27		
100	PI/2 BPSK	135	0	15.32	15.33	15.22	17.0	0.0
100	PI/2 BPSK	135	69	15.28	15.27	15.27	17.0	0.0
100	PI/2 BPSK	135	138	15.29	15.26	15.33	17.0	0.0
100	PI/2 BPSK	270	0	15.36	15.33	15.24		
100	QPSK	1	1	15.41	15.43	15.40		
100	QPSK	1	137	15.33	15.27	15.30	17.0	0.0
100	QPSK	1	271	15.36	15.27	15.23		
100	QPSK	135	0	15.25	15.33	15.27	17.0	0.0
100	QPSK	135	69	15.40	15.41	15.38	17.0	0.0
100	QPSK	135	138	15.28	15.33	15.30	17.0	0.0
100	QPSK	270	0	15.38	15.40	15.36		
100	16QAM	1	1	15.30	15.32	15.29	17.0	0.0
100	64QAM	1	1	15.25	15.30	15.33	17.0	0.0
100	256QAM	1	1	15.32	15.26	15.25	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	15.29	15.28	15.21	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	15.32	15.31	15.29	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	15.34	15.37	15.25	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	15.25	15.35	15.33	17.0	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.24	15.26	15.27	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	15.28	15.26	15.30	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	15.25	15.33	15.23	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	15.24	15.36	15.30	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	15.29	15.29	15.35	17.0	0.0

Part27Q_n77_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		14.70		15.7	0.0
100	Pi/2 BPSK	1	137		14.65			
100	Pi/2 BPSK	1	271		14.69			
100	Pi/2 BPSK	135	0		14.74		15.7	0.0
100	Pi/2 BPSK	135	69		14.70		15.7	0.0
100	Pi/2 BPSK	135	138		14.67			
100	Pi/2 BPSK	270	0		14.71		15.7	0.0
100	QPSK	1	1		14.81			
100	QPSK	1	137		14.66		15.7	0.0
100	QPSK	1	271		14.64			
100	QPSK	135	0		14.73			
100	QPSK	135	69		14.80		15.7	0.0
100	QPSK	135	138		14.72			
100	QPSK	270	0		14.78		15.7	0.0
100	16QAM	1	1		14.64		15.7	0.0
100	64QAM	1	1		14.64		15.7	0.0
100	256QAM	1	1		14.68		15.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.67	14.71	14.75	15.7	0.0
Channel				633666	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.74	14.76	14.71	15.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.71	14.67	14.64	15.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.65	14.63	14.76	15.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.67	14.64	14.68	15.7	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.63	14.63	14.67	15.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.66	14.69	14.65	15.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	14.74	14.73	14.77	15.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	dBm	dB
20	QPSK	1	1	14.65	14.66	14.63	15.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	14.65	14.66	14.70	15.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	14.71	14.66	14.77	15.7	0.0

Part27O_n77_Ant 11

BW [MHz]	Modulation	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	14.64	14.73	14.73	15.7	0.0
100	Pi/2 BPSK	1	137	14.65	14.69	14.68		
100	Pi/2 BPSK	1	271	14.68	14.77	14.63		
100	Pi/2 BPSK	135	0	14.65	14.75	14.67	15.7	0.0
100	Pi/2 BPSK	135	69	14.70	14.73	14.74	15.7	0.0
100	Pi/2 BPSK	135	138	14.69	14.63	14.66		
100	Pi/2 BPSK	270	0	14.63	14.64	14.70	15.7	0.0
100	QPSK	1	1	14.80	14.82	14.73		
100	QPSK	1	137	14.66	14.71	14.74	15.7	0.0
100	QPSK	1	271	14.68	14.70	14.71		
100	QPSK	135	0	14.69	14.75	14.63		
100	QPSK	135	69	14.78	14.80	14.77	15.7	0.0
100	QPSK	135	138	14.76	14.68	14.68		
100	QPSK	270	0	14.77	14.78	14.75	15.7	0.0
100	16QAM	1	1	14.68	14.64	14.62	15.7	0.0
100	64QAM	1	1	14.74	14.65	14.73	15.7	0.0
100	256QAM	1	1	14.70	14.64	14.65	15.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	14.63	14.76	14.63	15.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	14.70	14.67	14.71	15.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	14.62	14.75	14.64	15.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	14.72	14.69	14.71	15.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	14.74	14.75	14.62	15.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	14.75	14.74	14.68	15.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	14.65	14.73	14.74	15.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3713.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	14.65	14.77	14.70	15.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	14.75	14.73	14.64	15.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	14.73	14.63	14.67	15.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	14.72	14.75	14.68	15.7	0.0

Part27Q_n77_Ant 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					633332			
Frequency (MHz)					3499.98			
100	Pi/2 BPSK	1	1		15.09		16.2	0.0
100	Pi/2 BPSK	1	137		15.11			
100	Pi/2 BPSK	1	271		15.10			
100	Pi/2 BPSK	135	0		15.08		16.2	0.0
100	Pi/2 BPSK	135	69		15.08		16.2	0.0
100	Pi/2 BPSK	135	138		15.17			
100	Pi/2 BPSK	270	0		15.17		16.2	0.0
100	QPSK	1	1		15.21			
100	QPSK	1	137		15.10		16.2	0.0
100	QPSK	1	271		15.03			
100	QPSK	135	0		15.03			
100	QPSK	135	69		15.20		16.2	0.0
100	QPSK	135	138		15.15			
100	QPSK	270	0		15.18		16.2	0.0
100	16QAM	1	1		15.08		16.2	0.0
100	64QAM	1	1		15.14		16.2	0.0
100	256QAM	1	1		15.10		16.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.06	15.15	15.14	16.2	0.0
Channel				633666	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.06	15.09	15.11	16.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.06	15.07	15.09	16.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.05	15.08	15.08	16.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.06	15.15	15.05	16.2	0.0
Channel				631334	633332	633332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.14	15.06	15.05	16.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.12	15.05	15.18	16.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	15.04	15.07	15.10	16.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.09	15.06	15.12	16.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	15.13	15.10	15.07	16.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	15.15	15.16	15.18	16.2	0.0

Part27O_n77_Ant 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.03	15.08	15.13		
100	PI/2 BPSK	1	137	15.16	15.04	15.11	16.2	0.0
100	PI/2 BPSK	1	271	15.09	15.04	15.09		
100	PI/2 BPSK	135	0	15.03	15.16	15.02	16.2	0.0
100	PI/2 BPSK	135	69	15.08	15.03	15.11	16.2	0.0
100	PI/2 BPSK	135	138	15.03	15.06	15.02	16.2	0.0
100	PI/2 BPSK	270	0	15.09	15.17	15.09		
100	QPSK	1	1	15.20	15.22	15.18		
100	QPSK	1	137	15.06	15.10	15.04	16.2	0.0
100	QPSK	1	271	15.08	15.13	15.09		
100	QPSK	135	0	15.07	15.16	15.11		
100	QPSK	135	69	15.16	15.20	15.17	16.2	0.0
100	QPSK	135	138	15.02	15.08	15.10		
100	QPSK	270	0	15.17	15.18	15.15	16.2	0.0
100	16QAM	1	1	15.13	15.03	15.05	16.2	0.0
100	64QAM	1	1	15.11	15.11	15.00	16.2	0.0
100	256QAM	1	1	15.08	15.13	15.13	16.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	15.14	15.05	15.01	16.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.12	15.13	15.01	16.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	15.13	15.07	15.04	16.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.08	15.09	15.07	16.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	15.02	15.11	15.08	16.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	15.16	15.16	15.04	16.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.08	15.12	15.11	16.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	15.12	15.17	15.12	16.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.06	15.15	15.05	16.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	15.12	15.03	15.01	16.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	15.13	15.12	15.03	16.2	0.0

Part27Q_n77_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.38			
100	PI/2 BPSK	1	137		13.36		14.2	0.0
100	PI/2 BPSK	1	271		13.30			
100	PI/2 BPSK	135	0		13.34		14.2	0.0
100	PI/2 BPSK	135	69		13.38		14.2	0.0
100	PI/2 BPSK	135	138		13.40			
100	PI/2 BPSK	270	0		13.30		14.2	0.0
100	QPSK	1	1		13.47			
100	QPSK	1	137		13.39		14.2	0.0
100	QPSK	1	271		13.32			
100	QPSK	135	0		13.29			
100	QPSK	135	69		13.45		14.2	0.0
100	QPSK	135	138		13.36			
100	QPSK	270	0		13.43		14.2	0.0
100	16QAM	1	1		13.35		14.2	0.0
100	64QAM	1	1		13.28		14.2	0.0
100	256QAM	1	1		13.41		14.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.30	13.33	13.40	14.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.37	13.31	13.31	14.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.40	13.30	13.37	14.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.28	13.39	13.31	14.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.38	13.37	13.37	14.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.40	13.31	13.42	14.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.29	13.31	13.38	14.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	13.38	13.31	13.32	14.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.34	13.31	13.30	14.2	0.0
Channel				630506	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.28	13.28	13.35	14.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.42	13.36	13.29	14.2	0.0

Part27O_n77_Ant 21

BW [MHz]	Modulation	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	12.94	13.10	13.06		
100	PI/2 BPSK	1	137	12.96	12.98	13.06	14.2	0.0
100	PI/2 BPSK	1	271	12.96	13.03	13.02		
100	PI/2 BPSK	135	0	13.02	12.98	12.96	14.2	0.0
100	PI/2 BPSK	135	69	12.99	13.03	12.98	14.2	0.0
100	PI/2 BPSK	135	138	13.00	13.07	12.93	14.2	0.0
100	PI/2 BPSK	270	0	12.97	13.00	13.01		
100	QPSK	1	1	13.13	13.15	13.12		
100	QPSK	1	137	12.97	13.04	12.95	14.2	0.0
100	QPSK	1	271	12.95	13.08	13.06		
100	QPSK	135	0	13.02	13.09	13.06		
100	QPSK	135	69	13.11	13.13	13.10	14.2	0.0
100	QPSK	135	138	12.94	13.01	12.97		
100	QPSK	270	0	13.00	13.11	13.07	14.2	0.0
100	16QAM	1	1	13.00	13.07	13.00	14.2	0.0
100	64QAM	1	1	12.98	13.04	13.03	14.2	0.0
100	256QAM	1	1	12.96	13.05	13.06	14.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	13.06	13.00	13.06	14.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	13.05	13.03	12.94	14.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	12.95	12.96	12.96	14.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	12.97	13.06	12.97	14.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	13.02	13.05	13.03	14.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	13.00	12.97	13.04	14.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	12.95	13.06	12.97	14.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	12.98	12.98	12.95	14.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	13.04	13.04	13.02	14.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	13.00	13.02	13.06	14.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	12.97	13.06	12.94	14.2	0.0

Part27Q_n77_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.00		14.2	0.0
100	PI/2 BPSK	1	137		13.08			
100	PI/2 BPSK	1	271		13.14			
100	PI/2 BPSK	135	0		13.11		14.2	0.0
100	PI/2 BPSK	135	69		13.00		14.2	0.0
100	PI/2 BPSK	135	138		13.02		14.2	0.0
100	PI/2 BPSK	270	0		13.00			
100	QPSK	1	1		13.18		14.2	0.0
100	QPSK	1	137		13.11			
100	QPSK	1	271		13.11			
100	QPSK	135	0		13.14		14.2	0.0
100	QPSK	135	69		13.17			
100	QPSK	135	138		13.07			
100	QPSK	270	0		13.15		14.2	0.0
100	16QAM	1	1		13.01		14.2	0.0
100	64QAM	1	1		13.12		14.2	0.0
100	256QAM	1	1		13.12		14.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.05	13.14	13.14	14.2	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.07	13.10	13.09	14.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.07	13.01	13.07	14.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.13	13.09	13.08	14.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.00	13.11	13.14	14.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.13	13.13	13.12	14.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.01	13.12	13.08	14.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	13.00	13.04	13.00	14.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.06	13.02	13.05	14.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.06	13.08	13.14	14.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.03	13.03	13.02	14.2	0.0

Part27O_n77_Ant 23

BW [MHz]	Modulation	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	12.86	12.73	12.77	14.2	0.0
100	PI/2 BPSK	1	137	12.85	12.83	12.81		
100	PI/2 BPSK	1	271	12.85	12.76	12.81		
100	PI/2 BPSK	135	0	12.81	12.76	12.70	14.2	0.0
100	PI/2 BPSK	135	69	12.79	12.83	12.78	14.2	0.0
100	PI/2 BPSK	135	138	12.79	12.80	12.75	14.2	0.0
100	PI/2 BPSK	270	0	12.79	12.87	12.79		
100	QPSK	1	1	12.91	12.92	12.89	14.2	0.0
100	QPSK	1	137	12.82	12.73	12.77		
100	QPSK	1	271	12.78	12.88	12.72		
100	QPSK	135	0	12.86	12.78	12.76	14.2	0.0
100	QPSK	135	69	12.88	12.90	12.87		
100	QPSK	135	138	12.84	12.81	12.76		
100	QPSK	270	0	12.87	12.88	12.85	14.2	0.0
100	16QAM	1	1	12.73	12.79	12.77	14.2	0.0
100	64QAM	1	1	12.75	12.73	12.74	14.2	0.0
100	256QAM	1	1	12.82	12.73	12.70	14.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	12.77	12.75	12.82	14.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	12.73	12.81	12.81	14.2	0.0
Channel				648000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	12.83	12.82	12.83	14.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	12.81	12.86	12.74	14.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	12.72	12.87	12.73	14.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	12.73	12.76	12.73	14.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	12.86	12.84	12.83	14.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	12.74	12.83	12.83	14.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	12.76	12.77	12.75	14.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	12.82	12.74	12.80	14.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	12.81	12.87	12.72	14.2	0.0

Part27Q_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.89		15.9	0.0
100	PI/2 BPSK	1	137		14.87			
100	PI/2 BPSK	1	271		14.91			
100	PI/2 BPSK	135	0		14.82		15.9	0.0
100	PI/2 BPSK	135	69		14.86		15.9	0.0
100	PI/2 BPSK	135	138		14.94		15.9	0.0
100	PI/2 BPSK	270	0		14.89			
100	QPSK	1	1		14.98		15.9	0.0
100	QPSK	1	137		14.93			
100	QPSK	1	271		14.85			
100	QPSK	135	0		14.83		15.9	0.0
100	QPSK	135	69		14.97			
100	QPSK	135	138		14.81			
100	QPSK	270	0		14.95		15.9	0.0
100	16QAM	1	1		14.94		15.9	0.0
100	64QAM	1	1		14.92		15.9	0.0
100	256QAM	1	1		14.80		15.9	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.85	14.87	14.89	15.9	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.80	14.87	14.82	15.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.83	14.87	14.89	15.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.93	14.82	14.84	15.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.82	14.89	14.93	15.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.92	14.85	14.81	15.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.90	14.93	14.91	15.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	14.85	14.90	14.82	15.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.92	14.82	14.81	15.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	14.85	14.91	14.86	15.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	14.94	14.90	14.80	15.9	0.0

Part27Q_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.89			
100	PI/2 BPSK	1	137		14.87		15.9	0.0
100	PI/2 BPSK	1	271		14.91			
100	PI/2 BPSK	135	0		14.82		15.9	0.0
100	PI/2 BPSK	135	69		14.86		15.9	0.0
100	PI/2 BPSK	135	138		14.94			
100	PI/2 BPSK	270	0		14.89		15.9	0.0
100	QPSK	1	1		14.98			
100	QPSK	1	137		14.93		15.9	0.0
100	QPSK	1	271		14.85			
100	QPSK	135	0		14.83			
100	QPSK	135	69		14.97		15.9	0.0
100	QPSK	135	138		14.81			
100	QPSK	270	0		14.95		15.9	0.0
100	16QAM	1	1		14.94		15.9	0.0
100	64QAM	1	1		14.92		15.9	0.0
100	256QAM	1	1		14.80		15.9	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	14.85	14.87	14.89	15.9	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	14.80	14.87	14.82	15.9	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3480.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	14.83	14.87	14.89	15.9	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	14.93	14.82	14.84	15.9	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	14.82	14.89	14.93	15.9	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	14.92	14.85	14.81	15.9	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	14.90	14.93	14.91	15.9	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	14.85	14.90	14.82	15.9	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	14.92	14.82	14.81	15.9	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	14.85	14.91	14.86	15.9	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	14.94	14.90	14.80	15.9	0.0

Part27O_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.63			
100	PI/2 BPSK	1	137		14.60		15.9	0.0
100	PI/2 BPSK	1	271		14.60			
100	PI/2 BPSK	135	0		14.63		15.9	0.0
100	PI/2 BPSK	135	69		14.59		15.9	0.0
100	PI/2 BPSK	135	138		14.64			
100	PI/2 BPSK	270	0		14.57		15.9	0.0
100	QPSK	1	1		14.74			
100	QPSK	1	137		14.68		15.9	0.0
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.60			
100	QPSK	135	69		14.71		15.9	0.0
100	QPSK	135	138		14.61			
100	QPSK	270	0		14.70		15.9	0.0
100	16QAM	1	1		14.63		15.9	0.0
100	64QAM	1	1		14.59		15.9	0.0
100	256QAM	1	1		14.56		15.9	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.55	14.61	14.65	15.9	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	14.67	14.57	14.61	15.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.61	14.65	14.65	15.9	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.67	14.59	14.68	15.9	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.65	14.58	14.55	15.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.62	14.67	14.67	15.9	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.62	14.67	14.67	15.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	14.61	14.66	14.65	15.9	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.56	14.60	14.68	15.9	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	14.57	14.61	14.62	15.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	14.56	14.57	14.58	15.9	0.0

Part27O_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.63			
100	PI/2 BPSK	1	137		14.60		15.9	0.0
100	PI/2 BPSK	1	271		14.60			
100	PI/2 BPSK	135	0		14.63		15.9	0.0
100	PI/2 BPSK	135	69		14.59		15.9	0.0
100	PI/2 BPSK	135	138		14.64			
100	PI/2 BPSK	270	0		14.57		15.9	0.0
100	QPSK	1	1		14.74			
100	QPSK	1	137		14.68		15.9	0.0
100	QPSK	1	271		14.58			
100	QPSK	135	0		14.60			
100	QPSK	135	69		14.71		15.9	0.0
100	QPSK	135	138		14.61			
100	QPSK	270	0		14.70		15.9	0.0
100	16QAM	1	1		14.63		15.9	0.0
100	64QAM	1	1		14.59		15.9	0.0
100	256QAM	1	1		14.56		15.9	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.55	14.61	14.65	15.9	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	14.67	14.57	14.61	15.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	14.61	14.65	14.65	15.9	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	14.67	14.59	14.68	15.9	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.65	14.58	14.55	15.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.62	14.67	14.67	15.9	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.62	14.67	14.67	15.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	14.61	14.66	14.65	15.9	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.56	14.60	14.68	15.9	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	14.57	14.61	14.62	15.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	14.56	14.57	14.58	15.9	0.0

Part27Q_n78_Ant 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.12		16.7	0.0
100	PI/2 BPSK	1	137		15.10			
100	PI/2 BPSK	1	271		15.02			
100	PI/2 BPSK	135	0		15.10		16.7	0.0
100	PI/2 BPSK	135	69		15.07		16.7	0.0
100	PI/2 BPSK	135	138		15.08		16.7	0.0
100	PI/2 BPSK	270	0		15.04			
100	QPSK	1	1		15.20		16.7	0.0
100	QPSK	1	137		15.16			
100	QPSK	1	271		15.12			
100	QPSK	135	0		15.15		16.7	0.0
100	QPSK	135	69		15.18			
100	QPSK	135	138		15.06			
100	QPSK	270	0		15.17		16.7	0.0
100	16QAM	1	1		15.11		16.7	0.0
100	64QAM	1	1		15.07		16.7	0.0
100	256QAM	1	1		15.15		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.17	24.05	24.05	16.7	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	24.14	24.06	24.17	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.08	24.15	24.04	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.15	24.08	24.06	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.03	24.04	24.17	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.06	24.17	24.07	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.04	24.03	24.10	16.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.03	24.15	24.15	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.10	24.08	24.13	16.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.11	24.09	24.09	16.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.14	24.11	24.06	16.7	0.0

Part27Q_n78_HPUE_Ant 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.12		16.7	0.0
100	PI/2 BPSK	1	137		15.10			
100	PI/2 BPSK	1	271		15.02			
100	PI/2 BPSK	135	0		15.10		16.7	0.0
100	PI/2 BPSK	135	69		15.07		16.7	0.0
100	PI/2 BPSK	135	138		15.08		16.7	0.0
100	PI/2 BPSK	270	0		15.04			
100	QPSK	1	1		15.20		16.7	0.0
100	QPSK	1	137		15.16			
100	QPSK	1	271		15.12			
100	QPSK	135	0		15.15		16.7	0.0
100	QPSK	135	69		15.18			
100	QPSK	135	138		15.06			
100	QPSK	270	0		15.17		16.7	0.0
100	16QAM	1	1		15.11		16.7	0.0
100	64QAM	1	1		15.07		16.7	0.0
100	256QAM	1	1		15.15		16.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.09	15.13	15.02	16.7	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.04	15.08	15.06	16.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.09	15.09	15.06	16.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.15	15.14	15.06	16.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.07	15.08	15.14	16.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.10	15.11	15.14	16.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.16	15.02	15.06	16.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	15.12	15.08	15.02	16.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.08	15.15	15.14	16.7	0.0
Channel				630506	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	15.06	15.12	15.05	16.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	15.13	15.07	15.14	16.7	0.0

Part27O_n78_Ant 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.02		16.7	0.0
100	PI/2 BPSK	1	137		15.02			
100	PI/2 BPSK	1	271		15.01			
100	PI/2 BPSK	135	0		15.01		16.7	0.0
100	PI/2 BPSK	135	69		15.08		16.7	0.0
100	PI/2 BPSK	135	138		14.99		16.7	0.0
100	PI/2 BPSK	270	0		14.95			
100	QPSK	1	1		15.13		16.7	0.0
100	QPSK	1	137		15.09			
100	QPSK	1	271		15.07			
100	QPSK	135	0		14.98		16.7	0.0
100	QPSK	135	69		15.11			
100	QPSK	135	138		15.02			
100	QPSK	270	0		15.10		16.7	0.0
100	16QAM	1	1		15.08		16.7	0.0
100	64QAM	1	1		14.99		16.7	0.0
100	256QAM	1	1		14.95		16.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.95	15.09	14.99	16.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.03	15.09	15.04	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.08	14.98	14.97	16.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.03	15.08	15.00	16.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.99	15.02	15.04	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.99	15.05	15.08	16.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.96	14.96	15.06	16.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	15.04	15.01	15.06	16.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.98	15.00	15.02	16.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	15.02	14.99	15.04	16.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	15.06	15.05	15.09	16.7	0.0

Part27O_n78_HPUE_Ant 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					650000			
Frequency (MHz)					3790			
100	PI/2 BPSK	1	1		15.02		16.7	0.0
100	PI/2 BPSK	1	137		15.02			
100	PI/2 BPSK	1	271		15.01			
100	PI/2 BPSK	135	0		15.01		16.7	0.0
100	PI/2 BPSK	135	69		15.08		16.7	0.0
100	PI/2 BPSK	135	138		14.99		16.7	0.0
100	PI/2 BPSK	270	0		14.95			
100	QPSK	1	1		15.13		16.7	0.0
100	QPSK	1	137		15.09			
100	QPSK	1	271		15.07			
100	QPSK	135	0		14.98		16.7	0.0
100	QPSK	135	69		15.11			
100	QPSK	135	138		15.02			
100	QPSK	270	0		15.10		16.7	0.0
100	16QAM	1	1		15.08		16.7	0.0
100	64QAM	1	1		14.99		16.7	0.0
100	256QAM	1	1		14.95		16.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	14.95	15.09	14.99	16.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.03	15.09	15.04	16.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.08	14.98	14.97	16.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.03	15.08	15.00	16.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3726.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	14.99	15.02	15.04	16.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	14.99	15.05	15.08	16.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3714.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	14.96	14.98	15.06	16.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	15.04	15.01	15.06	16.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	14.98	15.00	15.02	16.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	15.02	14.99	15.04	16.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	15.06	15.05	15.09	16.7	0.0

Part27Q_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.88		14.7	0.0
100	PI/2 BPSK	1	137		13.83			
100	PI/2 BPSK	1	271		13.95			
100	PI/2 BPSK	135	0		13.88		14.7	0.0
100	PI/2 BPSK	135	69		13.84		14.7	0.0
100	PI/2 BPSK	135	138		13.86		14.7	0.0
100	PI/2 BPSK	270	0		13.84			
100	QPSK	1	1		14.02		14.7	0.0
100	QPSK	1	137		13.90			
100	QPSK	1	271		13.92			
100	QPSK	135	0		13.96		14.7	0.0
100	QPSK	135	69		14.00			
100	QPSK	135	138		13.86			
100	QPSK	270	0		13.98		14.7	0.0
100	16QAM	1	1		13.92		14.7	0.0
100	64QAM	1	1		13.85		14.7	0.0
100	256QAM	1	1		13.91		14.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.86	13.92	13.94	14.7	0.0
Channel				632868	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.91	13.88	13.88	14.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.89	13.95	13.87	14.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.88	13.93	13.97	14.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.89	13.97	13.90	14.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.95	13.84	13.97	14.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.84	13.97	13.93	14.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	13.90	13.86	13.93	14.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.96	13.96	13.91	14.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.91	13.95	13.92	14.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.88	13.85	13.85	14.7	0.0

Part27Q_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.88		14.7	0.0
100	PI/2 BPSK	1	137		13.83			
100	PI/2 BPSK	1	271		13.95			
100	PI/2 BPSK	135	0		13.88		14.7	0.0
100	PI/2 BPSK	135	69		13.84		14.7	0.0
100	PI/2 BPSK	135	138		13.86		14.7	0.0
100	PI/2 BPSK	270	0		13.84			
100	QPSK	1	1		14.02		14.7	0.0
100	QPSK	1	137		13.90			
100	QPSK	1	271		13.92			
100	QPSK	135	0		13.96		14.7	0.0
100	QPSK	135	69		14.00			
100	QPSK	135	138		13.86			
100	QPSK	270	0		13.98		14.7	0.0
100	16QAM	1	1		13.92		14.7	0.0
100	64QAM	1	1		13.85		14.7	0.0
100	256QAM	1	1		13.91		14.7	0.0
Channel				632000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.86	13.92	13.94	14.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.91	13.88	13.88	14.7	0.0
Channel				632234	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.89	13.95	13.87	14.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.88	13.93	13.97	14.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.89	13.97	13.90	14.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.95	13.84	13.97	14.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.84	13.97	13.93	14.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	13.90	13.86	13.93	14.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.96	13.96	13.91	14.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.91	13.95	13.92	14.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.88	13.85	13.85	14.7	0.0

Part27O_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.50		14.7	0.0
100	PI/2 BPSK	1	137		13.43			
100	PI/2 BPSK	1	271		13.47			
100	PI/2 BPSK	135	0		13.49		14.7	0.0
100	PI/2 BPSK	135	69		13.46		14.7	0.0
100	PI/2 BPSK	135	138		13.47		14.7	0.0
100	PI/2 BPSK	270	0		13.46			
100	QPSK	1	1		13.58		14.7	0.0
100	QPSK	1	137		13.53			
100	QPSK	1	271		13.44			
100	QPSK	135	0		13.40		14.7	0.0
100	QPSK	135	69		13.57			
100	QPSK	135	138		13.52			
100	QPSK	270	0		13.55		14.7	0.0
100	16QAM	1	1		13.53		14.7	0.0
100	64QAM	1	1		13.53		14.7	0.0
100	256QAM	1	1		13.43		14.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	13.40	13.44	13.41	14.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	13.41	13.43	13.45	14.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	13.53	13.44	13.46	14.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	13.49	13.53	13.50	14.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3726.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	13.49	13.53	13.45	14.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.54	13.44	13.48	14.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	13.53	13.45	13.48	14.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	13.47	13.41	13.45	14.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	13.45	13.51	13.48	14.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	13.49	13.54	13.44	14.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	13.44	13.51	13.51	14.7	0.0

Part27O_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		13.50		14.7	0.0
100	PI/2 BPSK	1	137		13.43			
100	PI/2 BPSK	1	271		13.47			
100	PI/2 BPSK	135	0		13.49		14.7	0.0
100	PI/2 BPSK	135	69		13.46		14.7	0.0
100	PI/2 BPSK	135	138		13.47		14.7	0.0
100	PI/2 BPSK	270	0		13.46			
100	QPSK	1	1		13.56		14.7	0.0
100	QPSK	1	137		13.53			
100	QPSK	1	271		13.44			
100	QPSK	135	0		13.40		14.7	0.0
100	QPSK	135	69		13.57			
100	QPSK	135	138		13.52			
100	QPSK	270	0		13.55		14.7	0.0
100	16QAM	1	1		13.53		14.7	0.0
100	64QAM	1	1		13.53		14.7	0.0
100	256QAM	1	1		13.43		14.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	13.40	13.44	13.41	14.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	13.41	13.43	13.45	14.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3730	3750	3765	(dBm)	(dB)
70	QPSK	1	1	13.53	13.44	13.46	14.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	13.49	13.53	13.50	14.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	13.49	13.53	13.45	14.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	13.54	13.44	13.48	14.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	13.53	13.45	13.48	14.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	13.47	13.41	13.45	14.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	13.45	13.51	13.48	14.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	13.49	13.54	13.44	14.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	13.44	13.51	13.51	14.7	0.0

Part27Q_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3490.98			
100	PI/2 BPSK	1	1		13.06		14.5	0.0
100	PI/2 BPSK	1	137		13.16			
100	PI/2 BPSK	1	271		13.14			
100	PI/2 BPSK	135	0		13.16		14.5	0.0
100	PI/2 BPSK	135	69		13.12		14.5	0.0
100	PI/2 BPSK	135	138		13.11		14.5	0.0
100	PI/2 BPSK	270	0		13.14			
100	QPSK	1	1		13.21		14.5	0.0
100	QPSK	1	137		13.11			
100	QPSK	1	271		13.04			
100	QPSK	135	0		13.03		14.5	0.0
100	QPSK	135	69		13.20			
100	QPSK	135	138		13.17			
100	QPSK	270	0		13.18		14.5	0.0
100	16QAM	1	1		13.13		14.5	0.0
100	64QAM	1	1		13.08		14.5	0.0
100	256QAM	1	1		13.14		14.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.14	13.04	13.12	14.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.10	13.05	13.15	14.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.11	13.14	13.07	14.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.06	13.15	13.17	14.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.13	13.04	13.09	14.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.09	13.15	13.08	14.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.05	13.03	13.04	14.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	13.10	13.07	13.15	14.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.06	13.15	13.11	14.5	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.16	13.09	13.08	14.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.08	13.05	13.13	14.5	0.0

Part27Q_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3490.98			
100	PI/2 BPSK	1	1		13.06		14.5	0.0
100	PI/2 BPSK	1	137		13.16			
100	PI/2 BPSK	1	271		13.14			
100	PI/2 BPSK	135	0		13.16		14.5	0.0
100	PI/2 BPSK	135	69		13.12		14.5	0.0
100	PI/2 BPSK	135	138		13.11		14.5	0.0
100	PI/2 BPSK	270	0		13.14			
100	QPSK	1	1		13.21		14.5	0.0
100	QPSK	1	137		13.11			
100	QPSK	1	271		13.04			
100	QPSK	135	0		13.03		14.5	0.0
100	QPSK	135	69		13.20			
100	QPSK	135	138		13.17			
100	QPSK	270	0		13.18		14.5	0.0
100	16QAM	1	1		13.13		14.5	0.0
100	64QAM	1	1		13.08		14.5	0.0
100	256QAM	1	1		13.14		14.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	13.14	13.04	13.12	14.5	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	13.10	13.05	13.15	14.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	13.11	13.14	13.07	14.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	13.06	13.15	13.17	14.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	13.13	13.04	13.09	14.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	13.09	13.15	13.08	14.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	13.05	13.03	13.04	14.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	13.10	13.07	13.15	14.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	13.06	13.15	13.11	14.5	0.0
Channel				630500	633332	636168	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	13.16	13.09	13.08	14.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	13.08	13.05	13.13	14.5	0.0

Part27O_n78_Ant 23								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.52		14.5	0.0
100	PI/2 BPSK	1	137		12.53			
100	PI/2 BPSK	1	271		12.50			
100	PI/2 BPSK	135	0		12.53		14.5	0.0
100	PI/2 BPSK	135	69		12.55		14.5	0.0
100	PI/2 BPSK	135	138		12.52		14.5	0.0
100	PI/2 BPSK	270	0		12.64			
100	QPSK	1	1		12.68		14.5	0.0
100	QPSK	1	137		12.55			
100	QPSK	1	271		12.61			
100	QPSK	135	0		12.64		14.5	0.0
100	QPSK	135	69		12.68			
100	QPSK	135	138		12.51			
100	QPSK	270	0		12.65		14.5	0.0
100	16QAM	1	1		12.63		14.5	0.0
100	64QAM	1	1		12.56		14.5	0.0
100	256QAM	1	1		12.56		14.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	12.62	12.57	12.54	14.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	12.54	12.64	12.63	14.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	12.60	12.62	12.62	14.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	12.55	12.51	12.54	14.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	12.58	12.51	12.63	14.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	12.62	12.59	12.52	14.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	12.52	12.57	12.63	14.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	12.54	12.64	12.58	14.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	12.52	12.63	12.54	14.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	12.58	12.57	12.59	14.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	12.57	12.62	12.56	14.5	0.0

Part27O_n78_HPUE_Ant 23								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.52		14.5	0.0
100	PI/2 BPSK	1	137		12.53			
100	PI/2 BPSK	1	271		12.50			
100	PI/2 BPSK	135	0		12.53		14.5	0.0
100	PI/2 BPSK	135	69		12.55		14.5	0.0
100	PI/2 BPSK	135	138		12.52		14.5	0.0
100	PI/2 BPSK	270	0		12.64			
100	QPSK	1	1		12.68		14.5	0.0
100	QPSK	1	137		12.55			
100	QPSK	1	271		12.61			
100	QPSK	135	0		12.64		14.5	0.0
100	QPSK	135	69		12.68			
100	QPSK	135	138		12.51			
100	QPSK	270	0		12.65		14.5	0.0
100	16QAM	1	1		12.63		14.5	0.0
100	64QAM	1	1		12.55		14.5	0.0
100	256QAM	1	1		12.56		14.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	12.62	12.57	12.54	14.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	12.54	12.64	12.63	14.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	12.60	12.62	12.62	14.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	12.55	12.51	12.54	14.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	12.58	12.51	12.63	14.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	12.62	12.59	12.52	14.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	12.52	12.57	12.63	14.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	12.54	12.64	12.58	14.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	12.52	12.63	12.54	14.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	12.58	12.57	12.59	14.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	12.57	12.62	12.56	14.5	0.0

n2_Ant 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.11	23.13	23.10	24.2	0.0
20	PI/2 BPSK	1	53	23.01	23.10	23.08		
20	PI/2 BPSK	1	104	23.01	23.06	22.99		
20	PI/2 BPSK	50	0	22.63	22.68	22.61	23.7	0.5
20	PI/2 BPSK	50	28	23.10	23.11	23.09	24.2	0.0
20	PI/2 BPSK	50	56	22.53	22.53	22.58	23.7	0.5
20	PI/2 BPSK	100	0	22.48	22.67	22.47		
20	QPSK	1	1	23.13	23.15	23.11	24.2	0.0
20	QPSK	1	53	23.00	23.12	23.02		
20	QPSK	1	104	23.05	23.10	23.09		
20	QPSK	50	0	22.15	22.16	22.13	23.2	1.0
20	QPSK	50	28	23.11	23.13	23.10	24.2	0.0
20	QPSK	50	56	22.13	22.15	22.11	23.2	1.0
20	QPSK	100	0	22.13	22.15	22.11		
20	16QAM	1	1	21.85	21.95	21.84	23.2	1.0
20	64QAM	1	1	20.50	20.56	20.45	21.7	2.5
20	256QAM	1	1	19.02	19.15	19.14	19.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.10	23.04	23.02	24.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.06	23.04	23.06	24.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.00	23.08	23.06	24.2	0.0

Reduced Power Mode for ECI4

n2_Ant 31

BW [MHz]	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	20.00	19.95	19.89	21.0	0.0
20	PI/2 BPSK	1	53	19.97	19.95	19.94		
20	PI/2 BPSK	1	104	19.97	19.91	19.96		
20	PI/2 BPSK	50	0	19.98	19.96	19.97	21.0	0.0
20	PI/2 BPSK	50	28	19.97	19.94	19.97	21.0	0.0
20	PI/2 BPSK	50	56	19.95	19.95	19.93	21.0	0.0
20	PI/2 BPSK	100	0	19.98	19.89	19.92		
20	QPSK	1	1	20.05	20.07	20.04	21.0	0.0
20	QPSK	1	53	19.89	19.92	19.95		
20	QPSK	1	104	19.90	19.93	19.99		
20	QPSK	50	0	19.89	19.90	19.95	21.0	0.0
20	QPSK	50	28	20.03	20.05	20.01	21.0	0.0
20	QPSK	50	56	19.95	19.95	19.99	21.0	0.0
20	QPSK	100	0	20.01	20.03	20.00		
20	16QAM	1	1	20.00	19.91	19.88	21.0	0.0
20	64QAM	1	1	19.92	19.93	19.89	21.0	0.0
20	256QAM	1	1	19.02	19.03	18.94	19.5	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.99	20.01	19.89	21.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.94	19.93	19.89	21.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.95	19.91	19.86	21.0	0.0

n2_Ant 11

BW [MHz]	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	23.30	23.33	23.28	24.2	0.0
20	PI/2 BPSK	1	53	23.19	23.22	23.26		
20	PI/2 BPSK	1	104	23.28	23.19	23.18		
20	PI/2 BPSK	50	0	22.83	22.85	22.81	23.7	0.5
20	PI/2 BPSK	50	28	23.28	23.31	23.27	24.2	0.0
20	PI/2 BPSK	50	56	22.73	22.83	22.66	23.7	0.5
20	PI/2 BPSK	100	0	22.74	22.78	22.71		
20	QPSK	1	1	23.33	23.36	23.31	24.2	0.0
20	QPSK	1	53	23.28	23.30	23.28		
20	QPSK	1	104	23.29	23.33	23.29		
20	QPSK	50	0	22.29	22.22	22.16	23.2	1.0
20	QPSK	50	28	23.31	23.33	23.30	24.2	0.0
20	QPSK	50	56	22.22	22.20	22.20	23.2	1.0
20	QPSK	100	0	22.30	22.32	22.28		
20	16QAM	1	1	22.02	22.06	21.99	23.2	1.0
20	64QAM	1	1	20.53	20.63	20.56	21.7	2.5
20	256QAM	1	1	19.09	19.16	19.13	19.7	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	23.21	23.24	23.15	24.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	23.27	23.29	23.15	24.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	23.26	23.27	23.28	24.2	0.0

n5_Ant 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.11	24.13	24.10	25.0	0.0
20	PI/2 BPSK	1	53	24.02	24.01	24.05		
20	PI/2 BPSK	1	104	24.09	24.10	24.00		
20	PI/2 BPSK	50	0	23.73	23.75	23.71	24.5	0.5
20	PI/2 BPSK	50	28	24.09	24.10	24.08	25.0	0.0
20	PI/2 BPSK	50	56	23.63	23.68	23.57	24.5	0.5
20	PI/2 BPSK	100	0	23.58	23.73	23.56		
20	QPSK	1	1	24.13	24.15	24.12	25.0	0.0
20	QPSK	1	53	24.03	24.06	23.99		
20	QPSK	1	104	24.12	24.02	23.99		
20	QPSK	50	0	23.01	23.13	23.07	24.0	1.0
20	QPSK	50	28	24.11	24.13	24.11	25.0	0.0
20	QPSK	50	56	22.98	23.10	23.06	24.0	1.0
20	QPSK	100	0	23.13	23.15	23.11		
20	16QAM	1	1	22.79	22.90	22.81	24.0	1.0
20	64QAM	1	1	21.42	21.48	21.40	22.5	2.5
20	256QAM	1	1	20.05	20.08	19.95	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.02	24.00	24.06	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.99	24.01	24.01	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.07	24.11	24.02	25.0	0.0

n5_Ant 31

BW [MHz]	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	24.33	24.36	24.31	25.3	0.0
20	PI/2 BPSK	1	53	24.20	24.33	24.16		
20	PI/2 BPSK	1	104	24.28	24.23	24.18		
20	PI/2 BPSK	50	0	23.93	23.95	23.90	24.8	0.5
20	PI/2 BPSK	50	28	24.31	24.33	24.30	25.3	0.0
20	PI/2 BPSK	50	56	23.85	23.93	23.78	24.8	0.5
20	PI/2 BPSK	100	0	23.87	23.94	23.78		
20	QPSK	1	1	24.36	24.38	24.35	25.3	0.0
20	QPSK	1	53	24.24	24.37	24.22		
20	QPSK	1	104	24.27	24.26	24.27		
20	QPSK	50	0	23.33	23.25	23.20	24.3	1.0
20	QPSK	50	28	24.33	24.35	24.31	25.3	0.0
20	QPSK	50	56	23.27	23.21	23.18	24.3	1.0
20	QPSK	100	0	23.35	23.36	23.33		
20	16QAM	1	1	22.98	23.13	22.99	24.3	1.0
20	64QAM	1	1	21.58	21.67	21.64	22.8	2.5
20	256QAM	1	1	20.12	20.25	20.15	20.8	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.21	24.33	24.30	25.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.18	24.34	24.25	25.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.19	24.31	24.22	25.3	0.0

n7_Ant 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.19	21.23	21.24	22.2	0.0
50	PI/2 BPSK	1	135	21.23	21.28	21.15		
50	PI/2 BPSK	1	268	21.22	21.20	21.28		
50	PI/2 BPSK	135	0	21.24	21.30	21.22	22.2	0.0
50	PI/2 BPSK	135	68	21.24	21.27	21.18	22.2	0.0
50	PI/2 BPSK	135	135	21.27	21.32	21.28	22.2	0.0
50	PI/2 BPSK	270	0	21.28	21.21	21.22		
50	QPSK	1	1	21.34	21.38	21.33	22.2	0.0
50	QPSK	1	135	21.27	21.24	21.22		
50	QPSK	1	268	21.17	21.31	21.29		
50	QPSK	135	0	21.18	21.21	21.18	22.2	0.0
50	QPSK	135	68	21.33	21.36	21.31	22.2	0.0
50	QPSK	135	135	21.19	21.22	21.26	22.2	0.0
50	QPSK	270	0	21.32	21.35	21.30		
50	16QAM	1	1	21.23	21.34	21.17	22.2	0.0
50	64QAM	1	1	20.46	20.51	20.36	21.7	0.5
50	256QAM	1	1	19.05	19.10	19.06	19.7	2.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.24	21.23	21.24	22.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.31	21.24	21.20	22.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.18	21.22	21.22	22.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.17	21.20	21.18	22.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.23	21.21	21.17	22.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.25	21.30	21.27	22.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.26	21.30	21.20	22.2	0.0

n7_Ant 31

BW [MHz]	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	20.49	20.46	20.35	21.4	0.0
50	PI/2 BPSK	1	135	20.37	20.50	20.46		
50	PI/2 BPSK	1	268	20.45	20.41	20.48		
50	PI/2 BPSK	135	0	20.50	20.41	20.47	21.4	0.0
50	PI/2 BPSK	135	68	20.36	20.38	20.35	21.4	0.0
50	PI/2 BPSK	135	135	20.48	20.47	20.47		
50	PI/2 BPSK	270	0	20.42	20.46	20.42	21.4	0.0
50	QPSK	1	1	20.55	20.57	20.53		
50	QPSK	1	135	20.44	20.52	20.48	21.4	0.0
50	QPSK	1	268	20.39	20.52	20.40		
50	QPSK	135	0	20.44	20.50	20.47	21.4	0.0
50	QPSK	135	68	20.53	20.55	20.51	21.4	0.0
50	QPSK	135	135	20.49	20.38	20.41	21.4	0.0
50	QPSK	270	0	20.51	20.53	20.50		
50	16QAM	1	1	20.50	20.39	20.40	21.4	0.0
50	64QAM	1	1	20.38	20.49	20.36	21.4	0.0
50	256QAM	1	1	19.25	19.26	19.11	19.9	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.48	20.48	20.48	21.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.39	20.40	20.43	21.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.48	20.47	20.35	21.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.43	20.51	20.43	21.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.37	20.50	20.41	21.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.49	20.46	20.49	21.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.39	20.51	20.40	21.4	0.0

n7_Ant 11

BW [MHz]	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	23.38	23.40	23.37	24.4	0.0
50	PI/2 BPSK	1	135	23.23	23.37	23.35		
50	PI/2 BPSK	1	268	23.29	23.39	23.34		
50	PI/2 BPSK	135	0	22.93	22.95	22.90	23.9	0.5
50	PI/2 BPSK	135	68	23.36	23.38	23.35	24.4	0.0
50	PI/2 BPSK	135	135	22.92	22.85	22.75	23.9	0.5
50	PI/2 BPSK	270	0	22.88	22.88	22.77		
50	QPSK	1	1	23.41	23.43	23.40	24.4	0.0
50	QPSK	1	135	23.26	23.36	23.34		
50	QPSK	1	268	23.36	23.38	23.38		
50	QPSK	135	0	22.20	22.25	22.23	23.4	1.0
50	QPSK	135	68	23.38	23.41	23.37	24.4	0.0
50	QPSK	135	135	22.19	22.27	22.23	23.4	1.0
50	QPSK	270	0	22.33	22.35	22.31		
50	16QAM	1	1	22.04	22.15	22.12	23.4	1.0
50	64QAM	1	1	20.42	20.56	20.46	21.9	2.5
50	256QAM	1	1	19.15	19.16	19.15	19.9	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.36	23.29	23.23	24.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.28	23.27	23.34	24.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.25	23.26	23.28	24.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.24	23.40	23.36	24.4	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	23.29	23.22	24.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.36	23.37	23.34	24.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.37	23.37	23.33	24.4	0.0

n26_Ant 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.85	23.87	23.83	24.7	0.0
20	PI/2 BPSK	1	53	23.81	23.75	23.76		
20	PI/2 BPSK	1	104	23.77	23.85	23.76		
20	PI/2 BPSK	50	0	23.43	23.44	23.40	24.2	0.5
20	PI/2 BPSK	50	28	23.83	23.85	23.81	24.7	0.0
20	PI/2 BPSK	50	56	23.34	23.32	23.35	24.2	0.5
20	PI/2 BPSK	100	0	23.31	23.35	23.39		
20	QPSK	1	1	23.89	23.90	23.87	24.7	0.0
20	QPSK	1	53	23.82	23.86	23.85		
20	QPSK	1	104	23.87	23.82	23.80		
20	QPSK	50	0	22.78	22.80	22.77	23.7	1.0
20	QPSK	50	28	23.86	23.88	23.85	24.7	0.0
20	QPSK	50	56	22.77	22.77	22.82	23.7	1.0
20	QPSK	100	0	22.86	22.88	22.85		
20	16QAM	1	1	22.58	22.60	22.58	23.7	1.0
20	64QAM	1	1	21.10	21.16	21.03	22.2	2.5
20	256QAM	1	1	19.74	19.80	19.75	20.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.82	23.82	23.78	24.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.75	23.86	23.78	24.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.80	23.84	23.70	24.7	0.0

n26_Ant 31

BW [MHz]	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	24.05	24.07	24.03	25.0	0.0
20	PI/2 BPSK	1	53	23.90	23.99	24.01		
20	PI/2 BPSK	1	104	23.92	24.04	23.99		
20	PI/2 BPSK	50	0	23.63	23.65	23.60	24.5	0.5
20	PI/2 BPSK	50	28	24.03	24.05	24.01	25.0	0.0
20	PI/2 BPSK	50	56	23.61	23.64	23.47	24.5	0.5
20	PI/2 BPSK	100	0	23.62	23.61	23.47		
20	QPSK	1	1	24.08	24.10	24.07	25.0	0.0
20	QPSK	1	53	23.94	24.08	24.00		
20	QPSK	1	104	24.04	24.02	24.00		
20	QPSK	50	0	23.02	22.98	22.98	24.0	1.0
20	QPSK	50	28	24.06	24.08	24.05	25.0	0.0
20	QPSK	50	56	22.94	23.01	22.90	24.0	1.0
20	QPSK	100	0	23.05	23.06	23.03		
20	16QAM	1	1	22.80	22.85	22.83	24.0	1.0
20	64QAM	1	1	21.23	21.38	21.23	22.5	2.5
20	256QAM	1	1	19.88	20.02	19.88	20.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.02	24.00	23.98	25.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.96	23.97	23.92	25.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.96	24.00	23.93	25.0	0.0

n66_Ant 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.65	23.68	23.63	24.7	0.0
40	PI/2 BPSK	1	108	23.59	23.54	23.61		
40	PI/2 BPSK	1	214	23.57	23.56	23.52		
40	PI/2 BPSK	108	0	23.17	23.18	23.15	24.2	0.5
40	PI/2 BPSK	108	54	23.63	23.65	23.61	24.7	0.0
40	PI/2 BPSK	108	108	23.09	23.10	23.03	24.2	0.5
40	PI/2 BPSK	216	0	23.13	23.08	23.00		
40	QPSK	1	1	23.68	23.70	23.67	24.7	0.0
40	QPSK	1	108	23.63	23.64	23.60		
40	QPSK	1	214	23.62	23.62	23.61		
40	QPSK	108	0	22.58	22.51	22.56	23.7	1.0
40	QPSK	108	54	23.65	23.68	23.63	24.7	0.0
40	QPSK	108	108	22.56	22.53	22.51	23.7	1.0
40	QPSK	216	0	22.63	22.65	22.61		
40	16QAM	1	1	22.37	22.41	22.37	23.7	1.0
40	64QAM	1	1	20.94	20.98	20.94	22.2	2.5
40	256QAM	1	1	19.50	19.62	19.54	20.2	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.61	23.53	23.49	24.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.57	23.67	23.62	24.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.63	23.63	23.59	24.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.57	23.62	23.57	24.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.57	23.56	23.57	24.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.59	23.64	23.60	24.7	0.0

n66_Ant 31

BW [MHz]	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	20.27	20.21	20.26	21.4	0.0
40	PI/2 BPSK	1	108	20.14	20.21	20.25		
40	PI/2 BPSK	1	214	20.21	20.28	20.15		
40	PI/2 BPSK	108	0	20.19	20.29	20.21	21.4	0.0
40	PI/2 BPSK	108	54	20.18	20.17	20.25	21.4	0.0
40	PI/2 BPSK	108	108	20.22	20.22	20.21	21.4	0.0
40	PI/2 BPSK	216	0	20.25	20.28	20.15		
40	QPSK	1	1	20.31	20.33	20.29	21.4	0.0
40	QPSK	1	108	20.26	20.24	20.25		
40	QPSK	1	214	20.24	20.18	20.20		
40	QPSK	108	0	20.18	20.27	20.21	21.4	0.0
40	QPSK	108	54	20.30	20.31	20.28	21.4	0.0
40	QPSK	108	108	20.17	20.19	20.17	21.4	0.0
40	QPSK	216	0	20.28	20.30	20.27		
40	16QAM	1	1	20.20	20.28	20.15	21.4	0.0
40	64QAM	1	1	20.22	20.21	20.16	21.4	0.0
40	256QAM	1	1	19.66	19.70	19.64	20.4	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.15	20.16	20.20	21.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.18	20.27	20.15	21.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.21	20.26	20.19	21.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.24	20.26	20.16	21.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.15	20.18	20.19	21.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.21	20.19	20.15	21.4	0.0

n66_Ant 11								
BW [MHz]	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	23.88	23.90	23.87	24.9	0.0
40	PI/2 BPSK	1	108	23.74	23.76	23.79		
40	PI/2 BPSK	1	214	23.85	23.79	23.74		
40	PI/2 BPSK	108	0	23.43	23.45	23.40	24.4	0.5
40	PI/2 BPSK	108	54	23.86	23.88	23.85	24.9	0.0
40	PI/2 BPSK	108	108	23.39	23.30	23.33	24.4	0.5
40	PI/2 BPSK	216	0	23.31	23.31	23.35		
40	QPSK	1	1	23.93	23.95	23.91	24.9	0.0
40	QPSK	1	108	23.90	23.84	23.80		
40	QPSK	1	214	23.89	23.80	23.90		
40	QPSK	108	0	22.73	22.78	22.74	23.9	1.0
40	QPSK	108	54	23.91	23.93	23.90	24.9	0.0
40	QPSK	108	108	22.84	22.83	22.76	23.9	1.0
40	QPSK	216	0	22.88	22.90	22.87		
40	16QAM	1	1	22.53	22.65	22.56	23.9	1.0
40	64QAM	1	1	20.96	21.08	20.93	22.4	2.5
40	256QAM	1	1	19.67	19.73	19.61	20.4	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.76	23.89	23.84	24.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	23.78	23.79	23.88	24.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.79	23.92	23.77	24.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.90	23.79	23.76	24.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.82	23.91	23.75	24.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.78	23.91	23.85	24.9	0.0

n38_Ant 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.55	20.53	20.48		
40	PI/2 BPSK	1	53	20.49	20.54	20.51	21.7	0.0
40	PI/2 BPSK	1	104	20.60	20.52	20.48		
40	PI/2 BPSK	50	0	20.48	20.57	20.47	21.7	0.0
40	PI/2 BPSK	50	28	20.47	20.58	20.55	21.7	0.0
40	PI/2 BPSK	50	56	20.57	20.56	20.52	21.7	0.0
40	PI/2 BPSK	100	0	20.50	20.53	20.56		
40	QPSK	1	1	20.65	20.67	20.63		
40	QPSK	1	53	20.46	20.56	20.57	21.7	0.0
40	QPSK	1	104	20.59	20.48	20.53		
40	QPSK	50	0	20.55	20.56	20.57	21.7	0.0
40	QPSK	50	28	20.63	20.65	20.61	21.7	0.0
40	QPSK	50	56	20.48	20.56	20.57	21.7	0.0
40	QPSK	100	0	20.61	20.63	20.60		
40	16QAM	1	1	20.52	20.61	20.50	21.7	0.0
40	64QAM	1	1	20.57	20.60	20.58	21.7	0.0
40	256QAM	1	1	19.52	19.58	19.43	20.2	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.47	20.61	20.52	21.7	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	20.60	20.60	20.59	21.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.56	20.59	20.52	21.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.54	20.53	20.55	21.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.58	20.61	20.54	21.7	0.0

n38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.56	20.60	20.56		
40	PI/2 BPSK	1	53	20.52	20.55	20.54	21.5	0.0
40	PI/2 BPSK	1	104	20.63	20.65	20.52		
40	PI/2 BPSK	50	0	20.57	20.59	20.59	21.5	0.0
40	PI/2 BPSK	50	28	20.54	20.65	20.53	21.5	0.0
40	PI/2 BPSK	50	56	20.62	20.64	20.51	21.5	0.0
40	PI/2 BPSK	100	0	20.53	20.60	20.54		
40	QPSK	1	1	20.68	20.70	20.67		
40	QPSK	1	53	20.57	20.63	20.52	21.5	0.0
40	QPSK	1	104	20.55	20.57	20.53		
40	QPSK	50	0	20.60	20.65	20.50	21.5	0.0
40	QPSK	50	28	20.67	20.68	20.65	21.5	0.0
40	QPSK	50	56	20.60	20.61	20.51	21.5	0.0
40	QPSK	100	0	20.65	20.66	20.63		
40	16QAM	1	1	20.50	20.58	20.61	21.5	0.0
40	64QAM	1	1	20.58	20.56	20.54	21.5	0.0
40	256QAM	1	1	19.34	19.38	19.23	20.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.52	20.62	20.59	21.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	20.60	20.58	20.55	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.58	20.51	20.49	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.63	20.52	20.57	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.62	20.54	20.51	21.5	0.0

n38_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.43	23.45	23.41		
40	PI/2 BPSK	1	53	23.30	23.34	23.33	24.5	0.0
40	PI/2 BPSK	1	104	23.37	23.36	23.40		
40	PI/2 BPSK	50	0	22.83	22.85	22.81	24.0	0.5
40	PI/2 BPSK	50	28	23.40	23.43	23.38	24.5	0.0
40	PI/2 BPSK	50	56	22.71	22.74	22.71	24.0	0.5
40	PI/2 BPSK	100	0	22.71	22.72	22.76		
40	QPSK	1	1	23.46	23.48	23.45		
40	QPSK	1	53	23.35	23.33	23.40	24.5	0.0
40	QPSK	1	104	23.45	23.46	23.38		
40	QPSK	50	0	22.31	22.30	22.29	23.5	1.0
40	QPSK	50	28	23.43	23.45	23.41	24.5	0.0
40	QPSK	50	56	22.27	22.37	22.24	23.5	1.0
40	QPSK	100	0	22.40	22.42	22.38		
40	16QAM	1	1	22.12	22.15	22.12	23.5	1.0
40	64QAM	1	1	20.51	20.65	20.56	22.0	2.5
40	256QAM	1	1	19.13	19.26	19.17	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.30	23.31	23.36	24.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	23.35	23.33	23.36	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.36	23.35	23.37	24.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.42	23.44	23.35	24.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.36	23.43	23.35	24.5	0.0

n41_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.00	21.95	21.94		
100	PI/2 BPSK	1	137	21.97	22.00	21.93	23.4	0.0
100	PI/2 BPSK	1	271	22.03	21.94	21.95		
100	PI/2 BPSK	135	0	21.95	21.98	21.97	23.4	0.0
100	PI/2 BPSK	135	69	22.00	22.02	22.02	23.4	0.0
100	PI/2 BPSK	135	138	22.03	21.91	21.97	23.4	0.0
100	PI/2 BPSK	270	0	21.95	21.95	21.91		
100	QPSK	1	1	22.06	22.08	22.05		
100	QPSK	1	137	21.97	21.96	22.01	23.4	0.0
100	QPSK	1	271	22.04	21.92	21.90		
100	QPSK	135	0	21.97	21.96	21.93	23.4	0.0
100	QPSK	135	69	22.05	22.06	22.03	23.4	0.0
100	QPSK	135	138	21.93	21.97	22.02	23.4	0.0
100	QPSK	270	0	22.01	22.03	22.00		
100	16QAM	1	1	21.97	22.05	21.92	23.4	0.0
100	64QAM	1	1	21.93	21.97	21.90	23.4	0.0
100	256QAM	1	1	20.83	20.85	20.81	21.9	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.98	22.05	21.92	23.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.97	21.95	21.94	23.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.91	21.92	22.00	23.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.90	21.92	21.99	23.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.01	22.04	21.97	23.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.00	22.04	21.96	23.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.02	22.02	21.96	23.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.01	22.01	21.95	23.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.91	21.96	22.02	23.4	0.0

n41_HPUE_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.00	21.95	21.94		
100	PI/2 BPSK	1	137	21.97	22.00	21.93	23.4	0.0
100	PI/2 BPSK	1	271	22.03	21.94	21.95		
100	PI/2 BPSK	135	0	21.95	21.98	21.97	23.4	0.0
100	PI/2 BPSK	135	69	22.00	22.02	22.02	23.4	0.0
100	PI/2 BPSK	135	138	22.03	21.91	21.97	23.4	0.0
100	PI/2 BPSK	270	0	21.95	21.95	21.91		
100	QPSK	1	1	22.06	22.08	22.05		
100	QPSK	1	137	21.97	21.96	22.01	23.4	0.0
100	QPSK	1	271	22.04	21.92	21.90		
100	QPSK	135	0	21.97	21.96	21.93	23.4	0.0
100	QPSK	135	69	22.05	22.06	22.03	23.4	0.0
100	QPSK	135	138	21.93	21.97	22.02	23.4	0.0
100	QPSK	270	0	22.01	22.03	22.00		
100	16QAM	1	1	21.97	22.05	21.92	23.4	0.0
100	64QAM	1	1	21.93	21.97	21.90	23.4	0.0
100	256QAM	1	1	20.83	20.85	20.81	21.9	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.98	22.05	21.92	23.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.97	21.95	21.94	23.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.91	21.92	22.00	23.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.90	21.92	21.99	23.4	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.01	22.04	21.97	23.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.00	22.04	21.96	23.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.02	22.02	21.96	23.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.01	22.01	21.95	23.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.91	21.96	22.02	23.4	0.0

n41_Ant 31

BW [MHz]	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	21.86	21.89	21.97		
100	PI/2 BPSK	1	137	21.92	21.94	21.98	23.5	0.0
100	PI/2 BPSK	1	271	21.97	21.98	21.96		
100	PI/2 BPSK	135	0	21.96	21.88	21.89	23.5	0.0
100	PI/2 BPSK	135	69	21.88	21.99	21.86	23.5	0.0
100	PI/2 BPSK	135	138	21.88	21.98	21.98	23.5	0.0
100	PI/2 BPSK	270	0	21.96	21.93	21.87		
100	QPSK	1	1	22.05	22.07	22.03		
100	QPSK	1	137	21.94	21.89	21.99	23.5	0.0
100	QPSK	1	271	21.94	21.92	21.93		
100	QPSK	135	0	21.92	21.91	21.92	23.5	0.0
100	QPSK	135	69	22.03	22.05	22.01	23.5	0.0
100	QPSK	135	138	21.92	22.01	21.97	23.5	0.0
100	QPSK	270	0	22.01	22.03	22.00		
100	16QAM	1	1	21.93	22.01	21.91	23.5	0.0
100	64QAM	1	1	21.97	22.00	21.91	23.5	0.0
100	256QAM	1	1	20.68	20.70	20.67	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	21.94	22.00	21.92	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	21.98	21.97	21.86	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	21.88	21.99	21.90	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	21.95	21.96	21.88	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	21.88	22.00	21.86	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	21.89	21.97	21.85	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	21.92	21.89	21.86	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	21.90	21.96	21.96	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	21.94	21.92	21.95	23.5	0.0

n41_HPUE_Ant 31

BW [MHz]	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	21.86	21.89	21.97		
100	PI/2 BPSK	1	137	21.92	21.94	21.98	23.5	0.0
100	PI/2 BPSK	1	271	21.97	21.98	21.96		
100	PI/2 BPSK	135	0	21.96	21.88	21.89	23.5	0.0
100	PI/2 BPSK	135	69	21.88	21.99	21.86	23.5	0.0
100	PI/2 BPSK	135	138	21.88	21.98	21.98	23.5	0.0
100	PI/2 BPSK	270	0	21.96	21.93	21.87		
100	QPSK	1	1	22.05	22.07	22.03		
100	QPSK	1	137	21.94	21.89	21.99	23.5	0.0
100	QPSK	1	271	21.94	21.92	21.93		
100	QPSK	135	0	21.92	21.91	21.92	23.5	0.0
100	QPSK	135	69	22.03	22.05	22.01	23.5	0.0
100	QPSK	135	138	21.92	22.01	21.97	23.5	0.0
100	QPSK	270	0	22.01	22.03	22.00		
100	16QAM	1	1	21.93	22.01	21.91	23.5	0.0
100	64QAM	1	1	21.97	22.00	21.91	23.5	0.0
100	256QAM	1	1	20.67	20.75	20.65	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	21.94	22.00	21.92	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	21.98	21.97	21.86	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	21.88	21.99	21.90	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	21.95	21.96	21.88	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	21.88	22.00	21.86	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	21.89	21.97	21.85	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	21.92	21.89	21.86	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	21.90	21.96	21.96	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	21.94	21.92	21.95	23.5	0.0

n41_Ant 11

BW [MHz]	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	22.42	22.42	22.32		
100	PI/2 BPSK	1	137	22.39	22.48	22.46	24.1	0.0
100	PI/2 BPSK	1	271	22.33	22.41	22.34		
100	PI/2 BPSK	135	0	22.36	22.45	22.38	24.1	0.0
100	PI/2 BPSK	135	69	22.41	22.43	22.37	24.1	0.0
100	PI/2 BPSK	135	138	22.44	22.49	22.39	24.1	0.0
100	PI/2 BPSK	270	0	22.46	22.39	22.37		
100	QPSK	1	1	22.51	22.53	22.50		
100	QPSK	1	137	22.33	22.35	22.44	24.1	0.0
100	QPSK	1	271	22.43	22.44	22.45		
100	QPSK	135	0	22.34	22.41	22.40	24.1	0.0
100	QPSK	135	69	22.48	22.50	22.47	24.1	0.0
100	QPSK	135	138	22.35	22.45	22.43	24.1	0.0
100	QPSK	270	0	22.45	22.46	22.43		
100	16QAM	1	1	22.47	22.44	22.44	24.1	0.0
100	64QAM	1	1	22.47	22.43	22.37	24.1	0.0
100	256QAM	1	1	20.58	20.60	20.57	22.1	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.36	22.36	22.37	24.1	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.34	22.37	22.43	24.1	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.46	22.40	22.44	24.1	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.34	22.35	22.32	24.1	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.42	22.38	22.42	24.1	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.47	22.47	22.37	24.1	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.35	22.48	22.37	24.1	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.47	22.37	22.35	24.1	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.37	22.47	22.41	24.1	0.0

n41_HPUE_Ant 11

BW [MHz]	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	24.85	24.86	24.83		
100	PI/2 BPSK	1	137	24.75	24.75	24.77	26.5	0.0
100	PI/2 BPSK	1	271	24.73	24.79	24.81		
100	PI/2 BPSK	135	0	24.16	24.18	24.15	26.0	0.5
100	PI/2 BPSK	135	69	24.83	24.85	24.81	26.5	0.0
100	PI/2 BPSK	135	138	24.15	24.07	24.11	26.0	0.5
100	PI/2 BPSK	270	0	24.09	24.15	24.03		
100	QPSK	1	1	24.88	24.90	24.87		
100	QPSK	1	137	24.73	24.77	24.72	26.5	0.0
100	QPSK	1	271	24.75	24.80	24.72		
100	QPSK	135	0	23.61	23.64	23.59	25.5	1.0
100	QPSK	135	69	24.86	24.88	24.85	26.5	0.0
100	QPSK	135	138	23.59	23.60	23.56	25.5	1.0
100	QPSK	270	0	23.65	23.67	23.63		
100	16QAM	1	1	23.57	23.63	23.52	25.5	1.0
100	64QAM	1	1	22.08	22.02	22.00	24.0	2.5
100	256QAM	1	1	20.59	20.63	20.56	22.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.78	24.86	24.73	26.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.83	24.75	24.76	26.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.72	24.87	24.72	26.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.72	24.74	24.80	26.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.77	24.83	24.83	26.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.72	24.75	24.76	26.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.75	24.74	24.76	26.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.84	24.77	24.70	26.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.81	24.74	24.79	26.5	0.0

Part27Q_n77_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.25		24.2	0.0
100	PI/2 BPSK	1	137		23.16			
100	PI/2 BPSK	1	271		23.24			
100	PI/2 BPSK	135	0		22.78		23.7	0.5
100	PI/2 BPSK	135	69		23.23		24.2	0.0
100	PI/2 BPSK	135	138		22.72		23.7	0.5
100	PI/2 BPSK	270	0		22.77			
100	QPSK	1	1		23.26		24.2	0.0
100	QPSK	1	137		23.26			
100	QPSK	1	271		23.23			
100	QPSK	135	0		22.18		24.2	0.0
100	QPSK	135	69		23.26			
100	QPSK	135	138		22.15			
100	QPSK	270	0		22.13		23.2	1.0
100	16QAM	1	1		22.05		23.2	1.0
100	64QAM	1	1		20.55		21.7	2.5
100	256QAM	1	1		19.11		19.7	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	23.22	23.18	23.23	24.2	0.0
Channel				632532	633132	634032	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.24	23.20	23.14	24.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	23.13	23.15	23.15	24.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.16	23.19	23.12	24.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	23.19	23.11	23.21	24.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	23.25	23.17	23.24	24.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	23.25	23.12	23.12	24.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3482.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	23.15	23.14	23.25	24.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3480.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.21	23.11	23.23	24.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3477.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	23.20	23.15	23.16	24.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3475.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	23.22	23.18	23.18	24.2	0.0

Part27O_n77_Ant 11

BW [MHz]	Modulation	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	23.26	23.26	23.25	24.2	0.0
100	PI/2 BPSK	1	137	23.13	23.15	23.14		
100	PI/2 BPSK	1	271	23.22	23.17	23.14		
100	PI/2 BPSK	135	0	22.78	22.81	22.77	23.7	0.5
100	PI/2 BPSK	135	69	23.25	23.26	23.23	24.2	0.0
100	PI/2 BPSK	135	138	22.73	22.78	22.72	23.7	0.5
100	PI/2 BPSK	270	0	22.63	22.68	22.63		
100	QPSK	1	1	23.25	23.30	23.27	24.2	0.0
100	QPSK	1	137	23.19	23.25	23.15		
100	QPSK	1	271	23.17	23.23	23.25		
100	QPSK	135	0	21.98	22.13	22.00	24.2	0.0
100	QPSK	135	69	23.26	23.28	23.25		
100	QPSK	135	138	22.08	22.08	22.04		
100	QPSK	270	0	22.13	22.15	22.11	23.2	1.0
100	16QAM	1	1	22.04	22.08	21.93	23.2	1.0
100	64QAM	1	1	20.53	20.58	20.47	21.7	2.5
100	256QAM	1	1	19.08	19.15	19.06	19.7	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	23.11	23.21	23.15	24.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	23.23	23.15	23.15	24.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	23.15	23.25	23.22	24.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	23.22	23.14	23.22	24.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	23.20	23.16	23.10	24.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	23.21	23.23	23.15	24.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	23.20	23.25	23.13	24.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	23.13	23.24	23.11	24.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	23.20	23.24	23.20	24.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	23.11	23.18	23.17	24.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	23.11	23.18	23.16	24.2	0.0

Part27Q_n77_Ant 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.15		24.2	0.0
100	PI/2 BPSK	1	137		23.11			
100	PI/2 BPSK	1	271		23.10			
100	PI/2 BPSK	135	0		22.65		23.7	0.5
100	PI/2 BPSK	135	69		23.13		24.2	0.0
100	PI/2 BPSK	135	138		22.68		23.7	0.5
100	PI/2 BPSK	270	0		22.63			
100	QPSK	1	1		23.18		24.2	0.0
100	QPSK	1	137		23.13			
100	QPSK	1	271		23.11			
100	QPSK	135	0		22.15		24.2	0.0
100	QPSK	135	69		23.15			
100	QPSK	135	138		22.13			
100	QPSK	270	0		22.15		23.2	1.0
100	16QAM	1	1		21.89		23.2	1.0
100	64QAM	1	1		20.40		21.7	2.5
100	256QAM	1	1		19.05		19.7	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	23.06	23.13	23.02	24.2	0.0
Channel				632532	633132	634032	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.03	23.06	23.01	24.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	23.11	23.05	23.11	24.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.10	23.11	23.05	24.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	23.12	23.06	23.09	24.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	23.08	23.02	23.08	24.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	23.04	23.09	23.09	24.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	23.09	23.08	23.01	24.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.09	23.08	23.14	24.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	23.03	23.03	23.04	24.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	23.10	23.06	23.13	24.2	0.0

Part27O_n77_Ant 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.16	23.18	23.15	24.2	0.0
100	PI/2 BPSK	1	137	23.03	23.16	23.09		
100	PI/2 BPSK	1	271	23.03	23.13	23.02		
100	PI/2 BPSK	135	0	22.76	22.78	22.75	23.7	0.5
100	PI/2 BPSK	135	69	23.13	23.15	23.11	24.2	0.0
100	PI/2 BPSK	135	138	22.69	22.73	22.63	23.7	0.5
100	PI/2 BPSK	270	0	22.66	22.77	22.74		
100	QPSK	1	1	23.18	23.20	23.16	24.2	0.0
100	QPSK	1	137	23.06	23.15	23.14		
100	QPSK	1	271	23.08	23.18	23.06		
100	QPSK	135	0	22.15	22.16	22.13	24.2	0.0
100	QPSK	135	69	23.15	23.16	23.13		
100	QPSK	135	138	22.10	22.15	22.08		
100	QPSK	270	0	22.11	22.13	22.10	23.2	1.0
100	16QAM	1	1	21.83	21.90	21.88	23.2	1.0
100	64QAM	1	1	20.30	20.43	20.37	21.7	2.5
100	256QAM	1	1	19.06	19.08	19.05	19.7	4.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	23.05	23.13	23.02	24.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	23.09	23.14	23.08	24.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	23.01	23.14	22.99	24.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	23.11	23.11	23.05	24.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	23.10	23.07	23.05	24.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	23.13	23.09	23.08	24.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	23.02	23.07	22.99	24.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	23.13	23.11	23.01	24.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	23.01	23.14	23.09	24.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	23.08	23.14	23.01	24.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	23.12	23.02	22.98	24.2	0.0

Part27Q_n77_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.78		19.7	0.0
100	PI/2 BPSK	1	137		18.83			
100	PI/2 BPSK	1	271		18.86			
100	PI/2 BPSK	135	0		18.87		19.7	0.0
100	PI/2 BPSK	135	69		18.87		19.7	0.0
100	PI/2 BPSK	135	138		18.79		19.7	0.0
100	PI/2 BPSK	270	0		18.92			
100	QPSK	1	1		18.97		19.7	0.0
100	QPSK	1	137		18.80			
100	QPSK	1	271		18.80			
100	QPSK	135	0		18.87		19.7	0.0
100	QPSK	135	69		18.95			
100	QPSK	135	138		18.89			
100	QPSK	270	0		18.93		19.7	0.0
100	16QAM	1	1		18.87		19.7	0.0
100	64QAM	1	1		17.65		18.7	1.0
100	256QAM	1	1		16.25		16.7	3.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.89	18.80	18.80	19.7	0.0
Channel				632532	633332	634132	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.82	18.89	18.78	19.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.81	18.91	18.92	19.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.83	18.86	18.91	19.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.82	18.87	18.79	19.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.81	18.84	18.92	19.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.91	18.84	18.80	19.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.80	18.78	18.89	19.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.89	18.84	18.92	19.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.88	18.91	18.90	19.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.86	18.81	18.81	19.7	0.0

Part27O_n77_Ant 21

BW [MHz]	Modulation	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	18.49	18.55	18.45	19.7	0.0
100	PI/2 BPSK	1	137	18.58	18.48	18.54		
100	PI/2 BPSK	1	271	18.59	18.52	18.52		
100	PI/2 BPSK	135	0	18.51	18.57	18.53	19.7	0.0
100	PI/2 BPSK	135	69	18.56	18.51	18.53	19.7	0.0
100	PI/2 BPSK	135	138	18.53	18.52	18.53	19.7	0.0
100	PI/2 BPSK	270	0	18.59	18.59	18.59		
100	QPSK	1	1	18.64	18.66	18.63	19.7	0.0
100	QPSK	1	137	18.55	18.59	18.54		
100	QPSK	1	271	18.55	18.57	18.57		
100	QPSK	135	0	18.47	18.59	18.47	19.7	0.0
100	QPSK	135	69	18.63	18.65	18.61		
100	QPSK	135	138	18.54	18.55	18.51		
100	QPSK	270	0	18.61	18.63	18.60	19.7	0.0
100	16QAM	1	1	18.46	18.62	18.45	19.7	0.0
100	64QAM	1	1	17.22	17.35	17.23	18.7	1.0
100	256QAM	1	1	15.82	15.93	15.79	16.7	3.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.57	18.55	18.55	19.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.60	18.62	18.58	19.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.52	18.58	18.46	19.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.60	18.51	18.46	19.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.59	18.53	18.57	19.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.57	18.48	18.53	19.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.54	18.56	18.53	19.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.51	18.58	18.58	19.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.51	18.58	18.59	19.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.57	18.56	18.59	19.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.50	18.50	18.59	19.7	0.0

Part27Q_n77_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.02		20.2	0.0
100	PI/2 BPSK	1	137		19.02			
100	PI/2 BPSK	1	271		19.06			
100	PI/2 BPSK	135	0		18.95		20.2	0.0
100	PI/2 BPSK	135	69		19.04		20.2	0.0
100	PI/2 BPSK	135	138		18.95		20.2	0.0
100	PI/2 BPSK	270	0		18.99			
100	QPSK	1	1		19.17		20.2	0.0
100	QPSK	1	137		19.03			
100	QPSK	1	271		19.01			
100	QPSK	135	0		19.00		20.2	0.0
100	QPSK	135	69		19.15			
100	QPSK	135	138		19.06			
100	QPSK	270	0		19.10		20.2	0.0
100	16QAM	1	1		18.98		20.2	0.0
100	64QAM	1	1		17.33		18.7	1.5
100	256QAM	1	1		15.95		16.7	3.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.99	19.04	18.96	20.2	0.0
Channel				632532	633332	634132	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.03	18.98	19.07	20.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.07	19.06	18.96	20.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.04	19.04	18.96	20.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.98	19.03	18.96	20.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.02	18.97	18.99	20.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.97	19.09	19.09	20.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.04	19.01	18.99	20.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.05	18.96	19.06	20.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.01	19.09	19.03	20.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.08	18.96	19.08	20.2	0.0

Part27O_n77_Ant 23

BW [MHz]	Modulation	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	18.67	18.71	18.70	20.2	0.0
100	PI/2 BPSK	1	137	18.66	18.68	18.64		
100	PI/2 BPSK	1	271	18.65	18.68	18.73		
100	PI/2 BPSK	135	0	18.68	18.74	18.65	20.2	0.0
100	PI/2 BPSK	135	69	18.72	18.75	18.64	20.2	0.0
100	PI/2 BPSK	135	138	18.73	18.63	18.70	20.2	0.0
100	PI/2 BPSK	270	0	18.62	18.77	18.60		
100	QPSK	1	1	18.91	18.92	18.89	20.2	0.0
100	QPSK	1	137	18.68	18.77	18.62		
100	QPSK	1	271	18.62	18.76	18.66		
100	QPSK	135	0	18.74	18.85	18.64	20.2	0.0
100	QPSK	135	69	18.82	18.90	18.67		
100	QPSK	135	138	18.62	18.71	18.61		
100	QPSK	270	0	18.77	18.78	18.75	20.2	0.0
100	16QAM	1	1	18.48	18.56	18.50	20.2	0.0
100	64QAM	1	1	16.95	17.05	16.98	18.7	1.5
100	256QAM	1	1	15.58	15.65	15.56	16.7	3.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.75	18.75	18.64	20.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.74	18.70	18.63	20.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.76	18.68	18.72	20.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.63	18.72	18.73	20.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.68	18.69	18.67	20.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.71	18.74	18.74	20.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.71	18.67	18.64	20.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.74	18.71	18.65	20.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.63	18.73	18.70	20.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.64	18.77	18.64	20.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.64	18.63	18.74	20.2	0.0

Part27Q_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		23.96		24.9	0.0
100	PI/2 BPSK	1	137		23.88			
100	PI/2 BPSK	1	271		23.88			
100	PI/2 BPSK	135	0		23.89		24.9	0.0
100	PI/2 BPSK	135	69		23.85		24.9	0.0
100	PI/2 BPSK	135	138		23.90		24.9	0.0
100	PI/2 BPSK	270	0		23.88			
100	QPSK	1	1		23.96		24.9	0.0
100	QPSK	1	137		23.86			
100	QPSK	1	271		23.85			
100	QPSK	135	0		23.85		24.9	0.0
100	QPSK	135	69		23.96			
100	QPSK	135	138		23.82			
100	QPSK	270	0		23.95		24.9	0.0
100	16QAM	1	1		23.86		24.9	0.0
100	64QAM	1	1		23.13		24.4	0.5
100	256QAM	1	1		21.75		22.4	2.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	23.88	23.88	23.93	24.9	0.0
	Channel			632868	633132	634032	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.94	23.87	23.88	24.9	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	23.83	23.82	23.85	24.9	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.81	23.89	23.91	24.9	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	23.89	23.87	23.83	24.9	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	23.90	23.95	23.87	24.9	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	23.92	23.91	23.94	24.9	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	23.91	23.89	23.85	24.9	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.85	23.94	23.83	24.9	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	23.83	23.83	23.82	24.9	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	23.86	23.93	23.91	24.9	0.0

Part27Q_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		23.96		24.9	0.0
100	PI/2 BPSK	1	137		23.88			
100	PI/2 BPSK	1	271		23.88			
100	PI/2 BPSK	135	0		23.89		24.9	0.0
100	PI/2 BPSK	135	69		23.85		24.9	0.0
100	PI/2 BPSK	135	138		23.90		24.9	0.0
100	PI/2 BPSK	270	0		23.88			
100	QPSK	1	1		23.96		24.9	0.0
100	QPSK	1	137		23.86			
100	QPSK	1	271		23.85			
100	QPSK	135	0		23.85		24.9	0.0
100	QPSK	135	69		23.96			
100	QPSK	135	138		23.82			
100	QPSK	270	0		23.95		24.9	0.0
100	16QAM	1	1		23.86		24.9	0.0
100	64QAM	1	1		23.13		24.4	0.5
100	256QAM	1	1		21.75		22.4	2.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	23.88	23.88	23.93	24.9	0.0
	Channel			632868	633132	634032	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	23.94	23.87	23.88	24.9	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	23.83	23.82	23.85	24.9	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	23.81	23.89	23.91	24.9	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	23.89	23.87	23.83	24.9	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	23.90	23.95	23.87	24.9	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	23.92	23.91	23.94	24.9	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	23.91	23.89	23.85	24.9	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3440.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	23.85	23.94	23.83	24.9	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	23.83	23.83	23.82	24.9	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	23.86	23.93	23.91	24.9	0.0

Part27O_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		23.67		24.9	0.0
100	PI/2 BPSK	1	137		23.66			
100	PI/2 BPSK	1	271		23.55			
100	PI/2 BPSK	135	0		23.61		24.9	0.0
100	PI/2 BPSK	135	69		23.66		24.9	0.0
100	PI/2 BPSK	135	138		23.62		24.9	0.0
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		23.70		24.9	0.0
100	QPSK	1	137		23.62			
100	QPSK	1	271		23.64			
100	QPSK	135	0		23.61		24.9	0.0
100	QPSK	135	69		23.68			
100	QPSK	135	138		23.56			
100	QPSK	270	0		23.65		24.9	0.0
100	16QAM	1	1		23.57		24.9	0.0
100	64QAM	1	1		23.05		24.4	0.5
100	256QAM	1	1		21.75		22.4	2.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.60	23.67	23.57	24.9	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	23.66	23.62	23.67	24.9	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.65	23.54	23.61	24.9	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	23.53	23.58	23.63	24.9	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	23.65	23.61	23.55	24.9	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.62	23.55	23.57	24.9	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	23.65	23.57	23.64	24.9	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	23.55	23.65	23.67	24.9	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	23.62	23.55	23.53	24.9	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	23.65	23.57	23.64	24.9	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.62	23.67	23.64	24.9	0.0

Part27O_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		23.67		24.9	0.0
100	PI/2 BPSK	1	137		23.66			
100	PI/2 BPSK	1	271		23.55			
100	PI/2 BPSK	135	0		23.61		24.9	0.0
100	PI/2 BPSK	135	69		23.66		24.9	0.0
100	PI/2 BPSK	135	138		23.62		24.9	0.0
100	PI/2 BPSK	270	0		23.62			
100	QPSK	1	1		23.70		24.9	0.0
100	QPSK	1	137		23.62			
100	QPSK	1	271		23.64			
100	QPSK	135	0		23.61		24.9	0.0
100	QPSK	135	69		23.68			
100	QPSK	135	138		23.56			
100	QPSK	270	0		23.65		24.9	0.0
100	16QAM	1	1		23.57		24.9	0.0
100	64QAM	1	1		23.05		24.4	0.5
100	256QAM	1	1		21.75		22.4	2.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.60	23.67	23.57	24.9	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	23.66	23.62	23.67	24.9	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	23.65	23.54	23.61	24.9	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	23.53	23.58	23.63	24.9	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	23.65	23.61	23.55	24.9	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.62	23.55	23.57	24.9	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	23.65	23.57	23.64	24.9	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	23.55	23.65	23.67	24.9	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	23.62	23.55	23.53	24.9	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	23.65	23.57	23.64	24.9	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.62	23.67	23.64	24.9	0.0

Part27Q_n78_Ant 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		24.18		25.5	0.0
100	PI/2 BPSK	1	137		24.03			
100	PI/2 BPSK	1	271		24.07			
100	PI/2 BPSK	135	0		24.12		25.5	0.0
100	PI/2 BPSK	135	69		24.16		25.5	0.0
100	PI/2 BPSK	135	138		24.14			
100	PI/2 BPSK	270	0		24.14		25.5	0.0
100	QPSK	1	1		24.20			
100	QPSK	1	137		24.17		25.5	0.0
100	QPSK	1	271		24.16			
100	QPSK	135	0		24.13			
100	QPSK	135	69		24.18		25.5	0.0
100	QPSK	135	138		24.15			
100	QPSK	270	0		24.16		25.5	0.0
100	16QAM	1	1		24.06		25.5	0.0
100	64QAM	1	1		22.98		24.5	1.0
100	256QAM	1	1		21.58		22.5	3.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	24.17	24.05	24.05	25.5	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	24.14	24.06	24.17	25.5	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	24.08	24.15	24.04	25.5	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	24.15	24.08	24.06	25.5	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	24.03	24.04	24.17	25.5	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	24.06	24.17	24.07	25.5	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	24.04	24.03	24.10	25.5	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	24.03	24.15	24.15	25.5	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	24.10	24.08	24.13	25.5	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	24.11	24.09	24.09	25.5	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	24.14	24.11	24.08	25.5	0.0

Part27Q_n78_HPUE_Ant 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		25.65		27.2	0.0
100	PI/2 BPSK	1	137		25.52			
100	PI/2 BPSK	1	271		25.63			
100	PI/2 BPSK	135	0		25.20		26.7	0.5
100	PI/2 BPSK	135	69		25.63		27.2	0.0
100	PI/2 BPSK	135	138		25.19		26.7	0.5
100	PI/2 BPSK	270	0		25.08			
100	QPSK	1	1		25.68		27.2	0.0
100	QPSK	1	137		25.63			
100	QPSK	1	271		25.61			
100	QPSK	135	0		24.65		27.2	0.0
100	QPSK	135	69		25.65			
100	QPSK	135	138		24.75			
100	QPSK	270	0		24.69		26.2	1.0
100	16QAM	1	1		24.48		26.2	1.0
100	64QAM	1	1		22.98		24.7	2.5
100	256QAM	1	1		21.58		22.7	4.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	25.53	25.53	25.54	27.2	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.54	25.51	25.56	27.2	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	25.61	25.51	25.64	27.2	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	25.60	25.63	25.53	27.2	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.55	25.60	25.51	27.2	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	25.58	25.54	25.52	27.2	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	25.59	25.62	25.61	27.2	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	25.61	25.53	25.60	27.2	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.52	25.53	25.62	27.2	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	25.58	25.59	25.55	27.2	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	25.59	25.50	25.62	27.2	0.0

Part27O_n78_Ant 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				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		24.10		25.5	0.0
100	PI/2 BPSK	1	137		24.05			
100	PI/2 BPSK	1	271		24.08			
100	PI/2 BPSK	135	0		24.04		25.5	0.0
100	PI/2 BPSK	135	69		23.99		25.5	0.0
100	PI/2 BPSK	135	138		24.05			
100	PI/2 BPSK	270	0		24.07		25.5	0.0
100	QPSK	1	1		24.12			
100	QPSK	1	137		23.98		25.5	0.0
100	QPSK	1	271		24.09			
100	QPSK	135	0		23.98			
100	QPSK	135	69		24.10		25.5	0.0
100	QPSK	135	138		24.08			
100	QPSK	270	0		24.08		25.5	0.0
100	16QAM	1	1		24.05		25.5	0.0
100	64QAM	1	1		22.95		24.5	1.0
100	256QAM	1	1		21.53		22.5	3.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	23.98	24.00	24.00	25.5	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	23.96	23.95	23.98	25.5	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	24.03	24.06	23.95	25.5	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	24.06	24.01	24.04	25.5	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	24.04	24.08	24.04	25.5	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	24.02	23.98	24.02	25.5	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	24.02	23.95	23.98	25.5	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	23.96	24.07	23.95	25.5	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	24.00	23.96	23.99	25.5	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	23.95	24.06	23.99	25.5	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	23.98	23.98	24.07	25.5	0.0

Part27O_n78_HPUE_Ant 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				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		25.58		27.2	0.0
100	PI/2 BPSK	1	137		25.44			
100	PI/2 BPSK	1	271		25.53			
100	PI/2 BPSK	135	0		25.06		26.7	0.5
100	PI/2 BPSK	135	69		25.53		27.2	0.0
100	PI/2 BPSK	135	138		25.03		26.7	0.5
100	PI/2 BPSK	270	0		25.03			
100	QPSK	1	1		25.60		27.2	0.0
100	QPSK	1	137		25.56			
100	QPSK	1	271		25.53			
100	QPSK	135	0		24.55		27.2	0.0
100	QPSK	135	69		25.58			
100	QPSK	135	138		24.53			
100	QPSK	270	0		24.50		26.2	1.0
100	16QAM	1	1		24.38		26.2	1.0
100	64QAM	1	1		22.95		24.7	2.5
100	256QAM	1	1		21.53		22.7	4.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	25.43	25.49	25.51	27.2	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	25.48	25.47	25.49	27.2	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	25.48	25.47	25.46	27.2	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	25.48	25.57	25.57	27.2	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	25.55	25.47	25.55	27.2	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	25.53	25.50	25.43	27.2	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	25.55	25.53	25.54	27.2	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	25.56	25.44	25.45	27.2	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	25.48	25.47	25.55	27.2	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	25.45	25.46	25.57	27.2	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	25.42	25.48	25.51	27.2	0.0

Part27Q_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.11		20.7	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.13			
100	PI/2 BPSK	135	0		20.21		20.7	0.0
100	PI/2 BPSK	135	69		20.14		20.7	0.0
100	PI/2 BPSK	135	138		20.21		20.7	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		20.28		20.7	0.0
100	QPSK	1	137		20.12			
100	QPSK	1	271		20.16			
100	QPSK	135	0		20.12		20.7	0.0
100	QPSK	135	69		20.26			
100	QPSK	135	138		20.18			
100	QPSK	270	0		20.25		20.7	0.0
100	16QAM	1	1		20.17		20.7	0.0
100	64QAM	1	1		19.93		20.7	0.0
100	256QAM	1	1		19.03		19.2	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.23	20.17	20.24	20.7	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.23	20.15	20.19	20.7	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.15	20.12	20.22	20.7	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.10	20.20	20.19	20.7	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.12	20.24	20.17	20.7	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.17	20.16	20.16	20.7	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.10	20.22	20.11	20.7	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.17	20.20	20.21	20.7	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.24	20.14	20.18	20.7	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.24	20.14	20.17	20.7	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.16	20.13	20.15	20.7	0.0

Part27Q_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		20.11		20.7	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.13			
100	PI/2 BPSK	135	0		20.21		20.7	0.0
100	PI/2 BPSK	135	69		20.14		20.7	0.0
100	PI/2 BPSK	135	138		20.21		20.7	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		20.28		20.7	0.0
100	QPSK	1	137		20.12			
100	QPSK	1	271		20.16			
100	QPSK	135	0		20.12		20.7	0.0
100	QPSK	135	69		20.26			
100	QPSK	135	138		20.18			
100	QPSK	270	0		20.25		20.7	0.0
100	16QAM	1	1		20.17		20.7	0.0
100	64QAM	1	1		19.93		20.7	0.0
100	256QAM	1	1		19.03		19.2	1.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.23	20.17	20.24	20.7	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.23	20.15	20.19	20.7	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.15	20.12	20.22	20.7	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.10	20.20	20.19	20.7	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.12	20.24	20.17	20.7	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.17	20.16	20.16	20.7	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.10	20.22	20.11	20.7	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.17	20.20	20.21	20.7	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.24	20.14	20.18	20.7	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.24	20.14	20.17	20.7	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.16	20.13	20.15	20.7	0.0

Part27O_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		19.43		20.7	0.0
100	PI/2 BPSK	1	137		19.42			
100	PI/2 BPSK	1	271		19.42			
100	PI/2 BPSK	135	0		19.54		20.7	0.0
100	PI/2 BPSK	135	69		19.47		20.7	0.0
100	PI/2 BPSK	135	138		19.46		20.7	0.0
100	PI/2 BPSK	270	0		19.44			
100	QPSK	1	1		19.58		20.7	0.0
100	QPSK	1	137		19.41			
100	QPSK	1	271		19.47			
100	QPSK	135	0		19.51		20.7	0.0
100	QPSK	135	69		19.58			
100	QPSK	135	138		19.41			
100	QPSK	270	0		19.55		20.7	0.0
100	16QAM	1	1		19.40		20.7	0.0
100	64QAM	1	1		19.23		20.7	0.0
100	256QAM	1	1		18.41		19.2	1.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.52	19.47	19.42	20.7	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.51	19.53	19.42	20.7	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.40	19.51	19.52	20.7	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.47	19.41	19.51	20.7	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.49	19.51	19.44	20.7	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.48	19.53	19.42	20.7	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.44	19.54	19.47	20.7	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.46	19.50	19.41	20.7	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.49	19.40	19.46	20.7	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3743	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.44	19.42	19.45	20.7	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.54	19.54	19.43	20.7	0.0

Part27O_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		19.43		20.7	0.0
100	PI/2 BPSK	1	137		19.42			
100	PI/2 BPSK	1	271		19.42			
100	PI/2 BPSK	135	0		19.54		20.7	0.0
100	PI/2 BPSK	135	69		19.47		20.7	0.0
100	PI/2 BPSK	135	138		19.46		20.7	0.0
100	PI/2 BPSK	270	0		19.44			
100	QPSK	1	1		19.58		20.7	0.0
100	QPSK	1	137		19.41			
100	QPSK	1	271		19.47			
100	QPSK	135	0		19.51		20.7	0.0
100	QPSK	135	69		19.58			
100	QPSK	135	138		19.41			
100	QPSK	270	0		19.55		20.7	0.0
100	16QAM	1	1		19.40		20.7	0.0
100	64QAM	1	1		19.23		20.7	0.0
100	256QAM	1	1		18.41		19.2	1.5
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.52	19.47	19.42	20.7	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.51	19.53	19.42	20.7	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.40	19.51	19.52	20.7	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.47	19.41	19.51	20.7	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.49	19.51	19.44	20.7	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.48	19.53	19.42	20.7	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.44	19.54	19.47	20.7	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.46	19.50	19.41	20.7	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.49	19.40	19.46	20.7	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.44	19.42	19.45	20.7	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.54	19.54	19.43	20.7	0.0

Part27Q_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.16			
100	PI/2 BPSK	1	137		20.03		21.5	0.0
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.16		21.5	0.0
100	PI/2 BPSK	135	69		20.07		21.5	0.0
100	PI/2 BPSK	135	138		20.15		21.5	0.0
100	PI/2 BPSK	270	0		20.10			
100	QPSK	1	1		20.21			
100	QPSK	1	137		20.04		21.5	0.0
100	QPSK	1	271		20.04			
100	QPSK	135	0		20.14			
100	QPSK	135	69		20.20		21.5	0.0
100	QPSK	135	138		20.16			
100	QPSK	270	0		20.18		21.5	0.0
100	16QAM	1	1		20.17		21.5	0.0
100	64QAM	1	1		20.05		21.5	0.0
100	256QAM	1	1		18.53		19.5	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.07	20.04	20.03	21.5	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.16	20.13	20.07	21.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.03	20.14	20.10	21.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.04	20.08	20.16	21.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.10	20.06	20.12	21.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.03	20.04	20.16	21.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3466	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.05	20.13	20.13	21.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.12	20.09	20.09	21.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.03	20.07	20.03	21.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.04	20.04	20.09	21.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.13	20.11	20.11	21.5	0.0

Part27Q_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.16			
100	PI/2 BPSK	1	137		20.03		21.5	0.0
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.16		21.5	0.0
100	PI/2 BPSK	135	69		20.07		21.5	0.0
100	PI/2 BPSK	135	138		20.15		21.5	0.0
100	PI/2 BPSK	270	0		20.10			
100	QPSK	1	1		20.21			
100	QPSK	1	137		20.04		21.5	0.0
100	QPSK	1	271		20.04			
100	QPSK	135	0		20.14			
100	QPSK	135	69		20.20		21.5	0.0
100	QPSK	135	138		20.16			
100	QPSK	270	0		20.18		21.5	0.0
100	16QAM	1	1		20.17		21.5	0.0
100	64QAM	1	1		20.05		21.5	0.0
100	256QAM	1	1		18.53		19.5	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.07	20.04	20.03	21.5	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.16	20.13	20.07	21.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.03	20.14	20.10	21.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.04	20.08	20.16	21.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.10	20.06	20.12	21.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.03	20.04	20.16	21.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3466	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.05	20.13	20.13	21.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.12	20.09	20.09	21.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.03	20.07	20.03	21.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.04	20.04	20.09	21.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.13	20.11	20.11	21.5	0.0

Part27O_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.59			
100	PI/2 BPSK	1	137		19.63		21.5	0.0
100	PI/2 BPSK	1	271		19.58			
100	PI/2 BPSK	135	0		19.53		21.5	0.0
100	PI/2 BPSK	135	69		19.54		21.5	0.0
100	PI/2 BPSK	135	138		19.67		21.5	0.0
100	PI/2 BPSK	270	0		19.55			
100	QPSK	1	1		19.72			
100	QPSK	1	137		19.55		21.5	0.0
100	QPSK	1	271		19.57			
100	QPSK	135	0		19.57			
100	QPSK	135	69		19.70		21.5	0.0
100	QPSK	135	138		19.65			
100	QPSK	270	0		19.68		21.5	0.0
100	16QAM	1	1		19.54		21.5	0.0
100	64QAM	1	1		19.57		21.5	0.0
100	256QAM	1	1		18.18		19.5	2.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.66	19.57	19.60	21.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.63	19.63	19.63	21.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.64	19.67	19.63	21.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.58	19.61	19.67	21.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.55	19.61	19.54	21.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.62	19.58	19.64	21.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.64	19.64	19.56	21.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.54	19.67	19.64	21.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.56	19.57	19.56	21.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.42	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.64	19.58	19.53	21.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.62	19.63	19.53	21.5	0.0

Part27O_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.59			
100	PI/2 BPSK	1	137		19.63		21.5	0.0
100	PI/2 BPSK	1	271		19.58			
100	PI/2 BPSK	135	0		19.53		21.5	0.0
100	PI/2 BPSK	135	69		19.54		21.5	0.0
100	PI/2 BPSK	135	138		19.67		21.5	0.0
100	PI/2 BPSK	270	0		19.55			
100	QPSK	1	1		19.72			
100	QPSK	1	137		19.55		21.5	0.0
100	QPSK	1	271		19.57			
100	QPSK	135	0		19.57			
100	QPSK	135	69		19.70		21.5	0.0
100	QPSK	135	138		19.65			
100	QPSK	270	0		19.68		21.5	0.0
100	16QAM	1	1		19.54		21.5	0.0
100	64QAM	1	1		19.57		21.5	0.0
100	256QAM	1	1		18.18		19.5	2.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.66	19.57	19.60	21.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.63	19.63	19.63	21.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.64	19.67	19.63	21.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.58	19.61	19.67	21.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.55	19.61	19.54	21.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.62	19.58	19.64	21.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.64	19.64	19.56	21.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.54	19.67	19.64	21.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.56	19.57	19.56	21.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.64	19.58	19.53	21.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.62	19.63	19.53	21.5	0.0

n2_Ant 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	18.45	18.62	18.47	19.7	0.0
20	PI/2 BPSK	1	53	18.58	18.61	18.49		
20	PI/2 BPSK	1	104	18.47	18.54	18.52		
20	PI/2 BPSK	50	0	18.54	18.49	18.56	19.7	0.0
20	PI/2 BPSK	50	28	18.56	18.58	18.49	19.7	0.0
20	PI/2 BPSK	50	56	18.47	18.58	18.50	19.7	0.0
20	PI/2 BPSK	100	0	18.51	18.59	18.50		
20	QPSK	1	1	18.66	18.67	18.63	19.7	0.0
20	QPSK	1	53	18.59	18.58	18.43		
20	QPSK	1	104	18.45	18.57	18.48		
20	QPSK	50	0	18.47	18.59	18.56	19.7	0.0
20	QPSK	50	28	18.63	18.65	18.61	19.7	0.0
20	QPSK	50	56	18.50	18.61	18.50	19.7	0.0
20	QPSK	100	0	18.60	18.63	18.58		
20	16QAM	1	1	18.49	18.54	18.56	19.7	0.0
20	64QAM	1	1	18.59	18.49	18.48	19.7	0.0
20	256QAM	1	1	18.48	18.56	18.44	19.7	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.56	18.60	18.43	19.7	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.52	18.62	18.55	19.7	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.54	18.56	18.52	19.7	0.0

Reduced Power Mode for ECI5

n2_Ant 31

BW [MHz]	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	20.00	19.95	19.89	21.0	0.0
20	PI/2 BPSK	1	53	19.97	19.95	19.94		
20	PI/2 BPSK	1	104	19.97	19.91	19.96		
20	PI/2 BPSK	50	0	19.98	19.96	19.97	21.0	0.0
20	PI/2 BPSK	50	28	19.97	19.94	19.97	21.0	0.0
20	PI/2 BPSK	50	56	19.95	19.95	19.93	21.0	0.0
20	PI/2 BPSK	100	0	19.98	19.89	19.92		
20	QPSK	1	1	20.05	20.07	20.04	21.0	0.0
20	QPSK	1	53	19.89	19.92	19.95		
20	QPSK	1	104	19.90	19.93	19.99		
20	QPSK	50	0	19.89	19.90	19.95	21.0	0.0
20	QPSK	50	28	20.03	20.05	20.01	21.0	0.0
20	QPSK	50	56	19.95	19.95	19.99	21.0	0.0
20	QPSK	100	0	20.01	20.03	20.00		
20	16QAM	1	1	20.00	19.91	19.88	21.0	0.0
20	64QAM	1	1	19.92	19.93	19.89	21.0	0.0
20	256QAM	1	1	19.02	19.03	18.94	19.5	1.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.99	20.01	19.89	21.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.94	19.93	19.89	21.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.95	19.91	19.86	21.0	0.0

n2_Ant 11

BW [MHz]	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	22.18	22.19	22.22	23.2	0.0
20	PI/2 BPSK	1	53	22.18	22.23	22.19		
20	PI/2 BPSK	1	104	22.25	22.24	22.16		
20	PI/2 BPSK	50	0	22.19	22.19	22.22	23.2	0.0
20	PI/2 BPSK	50	28	22.22	22.25	22.21	23.2	0.0
20	PI/2 BPSK	50	56	22.21	22.27	22.16	23.2	0.0
20	PI/2 BPSK	100	0	22.25	22.27	22.28		
20	QPSK	1	1	22.36	22.38	22.34	23.2	0.0
20	QPSK	1	53	22.27	22.32	22.18		
20	QPSK	1	104	22.28	22.32	22.20		
20	QPSK	50	0	22.30	22.20	22.17	23.2	0.0
20	QPSK	50	28	22.35	22.36	22.33	23.2	0.0
20	QPSK	50	56	22.24	22.25	22.19	23.2	0.0
20	QPSK	100	0	22.31	22.33	22.30		
20	16QAM	1	1	22.02	22.06	21.99	23.2	0.0
20	64QAM	1	1	20.53	20.63	20.56	21.7	1.5
20	256QAM	1	1	19.09	19.16	19.13	19.7	3.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.21	22.24	22.19	23.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.20	22.27	22.22	23.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.29	22.29	22.24	23.2	0.0

n5_Ant 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.11	24.13	24.10	25.0	0.0
20	PI/2 BPSK	1	53	24.02	24.01	24.05		
20	PI/2 BPSK	1	104	24.09	24.10	24.00		
20	PI/2 BPSK	50	0	23.73	23.75	23.71	24.5	0.5
20	PI/2 BPSK	50	28	24.09	24.10	24.08	25.0	0.0
20	PI/2 BPSK	50	56	23.63	23.68	23.57	24.5	0.5
20	PI/2 BPSK	100	0	23.58	23.73	23.56		
20	QPSK	1	1	24.13	24.15	24.12	25.0	0.0
20	QPSK	1	53	24.03	24.06	23.99		
20	QPSK	1	104	24.12	24.02	23.99		
20	QPSK	50	0	23.01	23.13	23.07	24.0	1.0
20	QPSK	50	28	24.11	24.13	24.11	25.0	0.0
20	QPSK	50	56	22.98	23.10	23.06	24.0	1.0
20	QPSK	100	0	23.13	23.15	23.11		
20	16QAM	1	1	22.79	22.90	22.81	24.0	1.0
20	64QAM	1	1	21.42	21.48	21.40	22.5	2.5
20	256QAM	1	1	20.05	20.08	19.95	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.02	24.00	24.06	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.99	24.01	24.01	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.07	24.11	24.02	25.0	0.0

n5_Ant 31

BW [MHz]	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	24.33	24.36	24.31	25.3	0.0
20	PI/2 BPSK	1	53	24.20	24.33	24.16		
20	PI/2 BPSK	1	104	24.28	24.23	24.18		
20	PI/2 BPSK	50	0	23.93	23.95	23.90	24.8	0.5
20	PI/2 BPSK	50	28	24.31	24.33	24.30	25.3	0.0
20	PI/2 BPSK	50	56	23.85	23.93	23.78	24.8	0.5
20	PI/2 BPSK	100	0	23.87	23.94	23.78		
20	QPSK	1	1	24.36	24.38	24.35	25.3	0.0
20	QPSK	1	53	24.24	24.37	24.22		
20	QPSK	1	104	24.27	24.26	24.27		
20	QPSK	50	0	23.33	23.25	23.20	24.3	1.0
20	QPSK	50	28	24.33	24.35	24.31	25.3	0.0
20	QPSK	50	56	23.27	23.21	23.18	24.3	1.0
20	QPSK	100	0	23.35	23.36	23.33		
20	16QAM	1	1	22.98	23.13	22.99	24.3	1.0
20	64QAM	1	1	21.58	21.67	21.64	22.8	2.5
20	256QAM	1	1	20.12	20.25	20.15	20.8	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.21	24.33	24.30	25.3	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.18	24.34	24.25	25.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.19	24.31	24.22	25.3	0.0

n7_Ant 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.79	16.71	16.67	17.7	0.0
50	PI/2 BPSK	1	135	16.67	16.81	16.74		
50	PI/2 BPSK	1	268	16.76	16.72	16.66		
50	PI/2 BPSK	135	0	16.74	16.73	16.73	17.7	0.0
50	PI/2 BPSK	135	68	16.67	16.74	16.73	17.7	0.0
50	PI/2 BPSK	135	135	16.79	16.78	16.63	17.7	0.0
50	PI/2 BPSK	270	0	16.75	16.70	16.75		
50	QPSK	1	1	16.84	16.88	16.83	17.7	0.0
50	QPSK	1	135	16.74	16.71	16.77		
50	QPSK	1	268	16.66	16.81	16.76		
50	QPSK	135	0	16.69	16.83	16.77	17.7	0.0
50	QPSK	135	68	16.83	16.86	16.81	17.7	0.0
50	QPSK	135	135	16.77	16.76	16.68	17.7	0.0
50	QPSK	270	0	16.80	16.85	16.78		
50	16QAM	1	1	16.65	16.83	16.66	17.7	0.0
50	64QAM	1	1	16.71	16.75	16.74	17.7	0.0
50	256QAM	1	1	16.67	16.82	16.70	17.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.75	16.76	16.69	17.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.71	16.70	16.65	17.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.71	16.81	16.66	17.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.76	16.84	16.66	17.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.75	16.84	16.70	17.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.67	16.75	16.73	17.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.71	16.78	16.75	17.7	0.0

n7_Ant 31

BW [MHz]	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	20.49	20.46	20.35	21.4	0.0
50	PI/2 BPSK	1	135	20.37	20.50	20.46		
50	PI/2 BPSK	1	268	20.45	20.41	20.48		
50	PI/2 BPSK	135	0	20.50	20.41	20.47	21.4	0.0
50	PI/2 BPSK	135	68	20.36	20.38	20.35	21.4	0.0
50	PI/2 BPSK	135	135	20.48	20.47	20.47	21.4	0.0
50	PI/2 BPSK	270	0	20.42	20.46	20.42		
50	QPSK	1	1	20.55	20.57	20.53	21.4	0.0
50	QPSK	1	135	20.44	20.52	20.48		
50	QPSK	1	268	20.39	20.52	20.40		
50	QPSK	135	0	20.44	20.50	20.47	21.4	0.0
50	QPSK	135	68	20.53	20.55	20.51	21.4	0.0
50	QPSK	135	135	20.49	20.38	20.41	21.4	0.0
50	QPSK	270	0	20.51	20.53	20.50		
50	16QAM	1	1	20.50	20.39	20.40	21.4	0.0
50	64QAM	1	1	20.38	20.49	20.36	21.4	0.0
50	256QAM	1	1	19.25	19.26	19.11	19.9	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.48	20.48	20.48	21.4	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.39	20.40	20.43	21.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.48	20.47	20.35	21.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.43	20.51	20.43	21.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.37	20.50	20.41	21.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.49	20.46	20.49	21.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.39	20.51	20.40	21.4	0.0

n7_Ant 11

BW [MHz]	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	18.82	18.85	18.82	19.9	0.0
50	PI/2 BPSK	1	135	18.73	18.86	18.78		
50	PI/2 BPSK	1	268	18.85	18.89	18.82		
50	PI/2 BPSK	135	0	18.81	18.75	18.73	19.9	0.0
50	PI/2 BPSK	135	68	18.86	18.89	18.84	19.9	0.0
50	PI/2 BPSK	135	135	18.75	18.78	18.75	19.9	0.0
50	PI/2 BPSK	270	0	18.86	18.89	18.81		
50	QPSK	1	1	18.93	18.95	18.92	19.9	0.0
50	QPSK	1	135	18.76	18.83	18.81		
50	QPSK	1	268	18.85	18.83	18.76		
50	QPSK	135	0	18.79	18.78	18.86	19.9	0.0
50	QPSK	135	68	18.91	18.93	18.90	19.9	0.0
50	QPSK	135	135	18.83	18.86	18.81	19.9	0.0
50	QPSK	270	0	18.88	18.90	18.87		
50	16QAM	1	1	18.76	18.88	18.82	19.9	0.0
50	64QAM	1	1	18.75	18.83	18.86	19.9	0.0
50	256QAM	1	1	18.77	18.79	18.74	19.9	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.85	18.79	18.75	19.9	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.86	18.84	18.76	19.9	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.79	18.79	18.84	19.9	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.80	18.89	18.83	19.9	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.84	18.79	18.77	19.9	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.82	18.75	18.86	19.9	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.86	18.83	18.78	19.9	0.0

n26_Ant 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.85	23.87	23.83	24.7	0.0
20	PI/2 BPSK	1	53	23.81	23.75	23.76		
20	PI/2 BPSK	1	104	23.77	23.85	23.76		
20	PI/2 BPSK	50	0	23.43	23.44	23.40	24.2	0.5
20	PI/2 BPSK	50	28	23.83	23.85	23.81	24.7	0.0
20	PI/2 BPSK	50	56	23.34	23.32	23.35	24.2	0.5
20	PI/2 BPSK	100	0	23.31	23.35	23.39		
20	QPSK	1	1	23.89	23.90	23.87	24.7	0.0
20	QPSK	1	53	23.82	23.86	23.85		
20	QPSK	1	104	23.87	23.82	23.80		
20	QPSK	50	0	22.78	22.80	22.77	23.7	1.0
20	QPSK	50	28	23.86	23.88	23.85	24.7	0.0
20	QPSK	50	56	22.77	22.77	22.82	23.7	1.0
20	QPSK	100	0	22.86	22.88	22.85		
20	16QAM	1	1	22.58	22.60	22.58	23.7	1.0
20	64QAM	1	1	21.10	21.16	21.03	22.2	2.5
20	256QAM	1	1	19.74	19.80	19.75	20.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.82	23.82	23.78	24.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.75	23.86	23.78	24.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.80	23.84	23.70	24.7	0.0

n26_Ant 31

BW [MHz]	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	24.05	24.07	24.03	25.0	0.0
20	PI/2 BPSK	1	53	23.90	23.99	24.01		
20	PI/2 BPSK	1	104	23.92	24.04	23.99		
20	PI/2 BPSK	50	0	23.63	23.65	23.60	24.5	0.5
20	PI/2 BPSK	50	28	24.03	24.05	24.01	25.0	0.0
20	PI/2 BPSK	50	56	23.61	23.64	23.47	24.5	0.5
20	PI/2 BPSK	100	0	23.62	23.61	23.47		
20	QPSK	1	1	24.08	24.10	24.07	25.0	0.0
20	QPSK	1	53	23.94	24.08	24.00		
20	QPSK	1	104	24.04	24.02	24.00		
20	QPSK	50	0	23.02	22.98	22.98	24.0	1.0
20	QPSK	50	28	24.06	24.08	24.05	25.0	0.0
20	QPSK	50	56	22.94	23.01	22.90	24.0	1.0
20	QPSK	100	0	23.05	23.06	23.03		
20	16QAM	1	1	22.80	22.85	22.83	24.0	1.0
20	64QAM	1	1	21.23	21.38	21.23	22.5	2.5
20	256QAM	1	1	19.88	20.02	19.88	20.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.02	24.00	23.98	25.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.96	23.97	23.92	25.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.96	24.00	23.93	25.0	0.0

n66_Ant 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.65	19.68	19.58	20.7	0.0
40	PI/2 BPSK	1	108	19.56	19.64	19.54		
40	PI/2 BPSK	1	214	19.61	19.63	19.58		
40	PI/2 BPSK	108	0	19.59	19.64	19.60	20.7	0.0
40	PI/2 BPSK	108	54	19.62	19.66	19.54	20.7	0.0
40	PI/2 BPSK	108	108	19.53	19.65	19.56	20.7	0.0
40	PI/2 BPSK	216	0	19.58	19.68	19.62		
40	QPSK	1	1	19.71	19.73	19.70	20.7	0.0
40	QPSK	1	108	19.57	19.62	19.65		
40	QPSK	1	214	19.58	19.62	19.58		
40	QPSK	108	0	19.60	19.65	19.55	20.7	0.0
40	QPSK	108	54	19.70	19.71	19.68	20.7	0.0
40	QPSK	108	108	19.58	19.61	19.57	20.7	0.0
40	QPSK	216	0	19.68	19.70	19.66		
40	16QAM	1	1	19.58	19.57	19.53	20.7	0.0
40	64QAM	1	1	19.57	19.67	19.54	20.7	0.0
40	256QAM	1	1	19.50	19.62	19.54	20.2	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.65	19.64	19.65	20.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.60	19.67	19.53	20.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.66	19.61	19.64	20.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.63	19.66	19.64	20.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.60	19.65	19.58	20.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.60	19.63	19.59	20.7	0.0

n66_Ant 31

BW [MHz]	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	20.27	20.21	20.26	21.4	0.0
40	PI/2 BPSK	1	108	20.14	20.21	20.25		
40	PI/2 BPSK	1	214	20.21	20.28	20.15		
40	PI/2 BPSK	108	0	20.19	20.29	20.21	21.4	0.0
40	PI/2 BPSK	108	54	20.18	20.17	20.25	21.4	0.0
40	PI/2 BPSK	108	108	20.22	20.22	20.21	21.4	0.0
40	PI/2 BPSK	216	0	20.25	20.28	20.15		
40	QPSK	1	1	20.31	20.33	20.29	21.4	0.0
40	QPSK	1	108	20.26	20.24	20.25		
40	QPSK	1	214	20.24	20.18	20.20		
40	QPSK	108	0	20.18	20.27	20.21	21.4	0.0
40	QPSK	108	54	20.30	20.31	20.28	21.4	0.0
40	QPSK	108	108	20.17	20.19	20.17	21.4	0.0
40	QPSK	216	0	20.28	20.30	20.27		
40	16QAM	1	1	20.20	20.28	20.15	21.4	0.0
40	64QAM	1	1	20.22	20.21	20.16	21.4	0.0
40	256QAM	1	1	19.66	19.70	19.64	20.4	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.15	20.16	20.20	21.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.18	20.27	20.15	21.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.21	20.26	20.19	21.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.24	20.26	20.16	21.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.15	20.18	20.19	21.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.21	20.19	20.15	21.4	0.0

n66_Ant 11								
BW [MHz]	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	19.87	19.79	19.75	20.9	0.0
40	Pi/2 BPSK	1	108	19.76	19.79	19.89		
40	Pi/2 BPSK	1	214	19.83	19.80	19.80		
40	Pi/2 BPSK	108	0	19.87	19.78	19.87	20.9	0.0
40	Pi/2 BPSK	108	54	19.90	19.79	19.80	20.9	0.0
40	Pi/2 BPSK	108	108	19.79	19.90	19.76	20.9	0.0
40	Pi/2 BPSK	216	0	19.84	19.84	19.83		
40	QPSK	1	1	19.95	19.97	19.93	20.9	0.0
40	QPSK	1	108	19.85	19.91	19.79		
40	QPSK	1	214	19.84	19.89	19.79		
40	QPSK	108	0	19.90	19.91	19.77	20.9	0.0
40	QPSK	108	54	19.93	19.95	19.91	20.9	0.0
40	QPSK	108	108	19.88	19.87	19.76	20.9	0.0
40	QPSK	216	0	19.91	19.93	19.90		
40	16QAM	1	1	19.89	19.90	19.78	20.9	0.0
40	64QAM	1	1	19.89	19.89	19.89	20.9	0.0
40	256QAM	1	1	19.67	19.73	19.61	20.4	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.87	19.90	19.82	20.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.86	19.78	19.82	20.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.76	19.81	19.85	20.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.77	19.92	19.85	20.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.78	19.78	19.81	20.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.86	19.91	19.85	20.9	0.0

n38_Ant 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.07	16.04	15.97	17.2	0.0
40	PI/2 BPSK	1	53	16.07	16.10	16.00		
40	PI/2 BPSK	1	104	16.08	16.03	16.01		
40	PI/2 BPSK	50	0	16.08	16.12	16.09	17.2	0.0
40	PI/2 BPSK	50	28	16.05	16.05	16.05	17.2	0.0
40	PI/2 BPSK	50	56	16.02	16.05	16.02	17.2	0.0
40	PI/2 BPSK	100	0	16.05	16.12	16.07		
40	QPSK	1	1	16.17	16.19	16.15	17.2	0.0
40	QPSK	1	53	16.02	16.00	16.01		
40	QPSK	1	104	16.03	16.12	16.02		
40	QPSK	50	0	16.03	16.09	16.06	17.2	0.0
40	QPSK	50	28	16.15	16.17	16.13	17.2	0.0
40	QPSK	50	56	16.03	16.12	16.08	17.2	0.0
40	QPSK	100	0	16.13	16.15	16.11		
40	16QAM	1	1	16.07	16.12	16.00	17.2	0.0
40	64QAM	1	1	16.03	16.00	15.97	17.2	0.0
40	256QAM	1	1	16.03	16.08	16.04	17.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.01	16.12	15.98	17.2	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	16.08	16.01	16.04	17.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.10	16.04	16.06	17.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.08	16.07	15.96	17.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.06	16.00	15.97	17.2	0.0

n38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.56	20.60	20.56	21.5	0.0
40	PI/2 BPSK	1	53	20.52	20.55	20.54		
40	PI/2 BPSK	1	104	20.63	20.65	20.52		
40	PI/2 BPSK	50	0	20.57	20.59	20.59	21.5	0.0
40	PI/2 BPSK	50	28	20.54	20.65	20.53	21.5	0.0
40	PI/2 BPSK	50	56	20.62	20.64	20.51	21.5	0.0
40	PI/2 BPSK	100	0	20.53	20.60	20.54		
40	QPSK	1	1	20.68	20.70	20.67	21.5	0.0
40	QPSK	1	53	20.57	20.63	20.52		
40	QPSK	1	104	20.55	20.57	20.53		
40	QPSK	50	0	20.60	20.65	20.50	21.5	0.0
40	QPSK	50	28	20.67	20.68	20.65	21.5	0.0
40	QPSK	50	56	20.60	20.61	20.51	21.5	0.0
40	QPSK	100	0	20.65	20.66	20.63		
40	16QAM	1	1	20.50	20.58	20.61	21.5	0.0
40	64QAM	1	1	20.58	20.56	20.54	21.5	0.0
40	256QAM	1	1	19.34	19.38	19.23	20.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.52	20.62	20.59	21.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	20.60	20.58	20.55	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.58	20.51	20.49	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.63	20.52	20.57	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.62	20.54	20.51	21.5	0.0

n38_Ant 11

BW [MHz]	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	18.44	18.34	18.28	19.5	0.0
40	PI/2 BPSK	1	53	18.34	18.40	18.29		
40	PI/2 BPSK	1	104	18.36	18.38	18.37		
40	PI/2 BPSK	50	0	18.31	18.32	18.33	19.5	0.0
40	PI/2 BPSK	50	28	18.38	18.41	18.31	19.5	0.0
40	PI/2 BPSK	50	56	18.37	18.38	18.37	19.5	0.0
40	PI/2 BPSK	100	0	18.44	18.40	18.39		
40	QPSK	1	1	18.49	18.51	18.48	19.5	0.0
40	QPSK	1	53	18.43	18.38	18.28		
40	QPSK	1	104	18.38	18.38	18.42		
40	QPSK	50	0	18.31	18.46	18.29	19.5	0.0
40	QPSK	50	28	18.48	18.50	18.47	19.5	0.0
40	QPSK	50	56	18.43	18.33	18.40	19.5	0.0
40	QPSK	100	0	18.45	18.47	18.43		
40	16QAM	1	1	18.37	18.42	18.38	19.5	0.0
40	64QAM	1	1	18.32	18.40	18.29	19.5	0.0
40	256QAM	1	1	18.41	18.37	18.29	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.38	18.42	18.42	19.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	18.40	18.34	18.38	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.39	18.44	18.32	19.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.41	18.45	18.33	19.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.32	18.33	18.32	19.5	0.0

n41_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.39	17.45	17.36		
100	PI/2 BPSK	1	137	17.38	17.44	17.34	18.9	0.0
100	PI/2 BPSK	1	271	17.44	17.42	17.37		
100	PI/2 BPSK	135	0	17.45	17.46	17.30	18.9	0.0
100	PI/2 BPSK	135	69	17.35	17.41	17.44	18.9	0.0
100	PI/2 BPSK	135	138	17.32	17.46	17.34	18.9	0.0
100	PI/2 BPSK	270	0	17.36	17.48	17.30		
100	QPSK	1	1	17.51	17.53	17.50		
100	QPSK	1	137	17.44	17.41	17.40	18.9	0.0
100	QPSK	1	271	17.42	17.45	17.43		
100	QPSK	135	0	17.38	17.45	17.34	18.9	0.0
100	QPSK	135	69	17.50	17.51	17.48	18.9	0.0
100	QPSK	135	138	17.46	17.34	17.41	18.9	0.0
100	QPSK	270	0	17.47	17.49	17.45		
100	16QAM	1	1	17.43	17.36	17.35	18.9	0.0
100	64QAM	1	1	17.34	17.34	17.31	18.9	0.0
100	256QAM	1	1	17.32	17.47	17.34	18.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.32	17.43	17.30	18.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.39	17.38	17.30	18.9	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	17.44	17.42	18.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.33	17.47	17.33	18.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.42	17.43	17.30	18.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.43	17.42	17.38	18.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.44	17.45	17.32	18.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.44	17.40	17.32	18.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.36	17.40	17.44	18.9	0.0

n41_HPUE_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.39	17.45	17.36		
100	PI/2 BPSK	1	137	17.38	17.44	17.34	18.9	0.0
100	PI/2 BPSK	1	271	17.44	17.42	17.37		
100	PI/2 BPSK	135	0	17.45	17.46	17.30	18.9	0.0
100	PI/2 BPSK	135	69	17.35	17.41	17.44	18.9	0.0
100	PI/2 BPSK	135	138	17.32	17.46	17.34	18.9	0.0
100	PI/2 BPSK	270	0	17.36	17.48	17.30		
100	QPSK	1	1	17.51	17.53	17.50		
100	QPSK	1	137	17.44	17.41	17.40	18.9	0.0
100	QPSK	1	271	17.42	17.45	17.43		
100	QPSK	135	0	17.38	17.45	17.34	18.9	0.0
100	QPSK	135	69	17.50	17.51	17.48	18.9	0.0
100	QPSK	135	138	17.46	17.34	17.41	18.9	0.0
100	QPSK	270	0	17.47	17.49	17.45		
100	16QAM	1	1	17.43	17.36	17.35	18.9	0.0
100	64QAM	1	1	17.34	17.34	17.31	18.9	0.0
100	256QAM	1	1	17.32	17.47	17.34	18.9	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.32	17.43	17.30	18.9	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.39	17.38	17.30	18.9	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	17.44	17.42	18.9	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.33	17.47	17.33	18.9	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.42	17.43	17.30	18.9	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.43	17.42	17.38	18.9	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.44	17.45	17.32	18.9	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.44	17.40	17.32	18.9	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.36	17.40	17.44	18.9	0.0

n41_Ant 31

BW [MHz]	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	21.86	21.89	21.97		
100	PI/2 BPSK	1	137	21.92	21.94	21.98	23.5	0.0
100	PI/2 BPSK	1	271	21.97	21.98	21.96		
100	PI/2 BPSK	135	0	21.96	21.88	21.89	23.5	0.0
100	PI/2 BPSK	135	69	21.88	21.99	21.86	23.5	0.0
100	PI/2 BPSK	135	138	21.88	21.98	21.98	23.5	0.0
100	PI/2 BPSK	270	0	21.96	21.93	21.87		
100	QPSK	1	1	22.05	22.07	22.03		
100	QPSK	1	137	21.94	21.89	21.99	23.5	0.0
100	QPSK	1	271	21.94	21.92	21.93		
100	QPSK	135	0	21.92	21.91	21.92	23.5	0.0
100	QPSK	135	69	22.03	22.05	22.01	23.5	0.0
100	QPSK	135	138	21.92	22.01	21.97	23.5	0.0
100	QPSK	270	0	22.01	22.03	22.00		
100	16QAM	1	1	21.93	22.01	21.91	23.5	0.0
100	64QAM	1	1	21.97	22.00	21.91	23.5	0.0
100	256QAM	1	1	20.68	20.70	20.67	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	21.94	22.00	21.92	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	21.98	21.97	21.86	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	21.88	21.99	21.90	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	21.95	21.96	21.88	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	21.88	22.00	21.86	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	21.89	21.97	21.85	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	21.92	21.89	21.86	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	21.90	21.96	21.96	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	21.94	21.92	21.95	23.5	0.0

n41_HPUE_Ant 31

BW [MHz]	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	21.86	21.89	21.97		
100	PI/2 BPSK	1	137	21.92	21.94	21.98	23.5	0.0
100	PI/2 BPSK	1	271	21.97	21.98	21.96		
100	PI/2 BPSK	135	0	21.96	21.88	21.89	23.5	0.0
100	PI/2 BPSK	135	69	21.88	21.99	21.86	23.5	0.0
100	PI/2 BPSK	135	138	21.88	21.98	21.98	23.5	0.0
100	PI/2 BPSK	270	0	21.96	21.93	21.87		
100	QPSK	1	1	22.05	22.07	22.03		
100	QPSK	1	137	21.94	21.89	21.99	23.5	0.0
100	QPSK	1	271	21.94	21.92	21.93		
100	QPSK	135	0	21.92	21.91	21.92	23.5	0.0
100	QPSK	135	69	22.03	22.05	22.01	23.5	0.0
100	QPSK	135	138	21.92	22.01	21.97	23.5	0.0
100	QPSK	270	0	22.01	22.03	22.00		
100	16QAM	1	1	21.93	22.01	21.91	23.5	0.0
100	64QAM	1	1	21.97	22.00	21.91	23.5	0.0
100	256QAM	1	1	20.68	20.70	20.67	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	21.94	22.00	21.92	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	21.98	21.97	21.86	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	21.88	21.99	21.90	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	21.95	21.96	21.88	23.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.88	22.00	21.86	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	21.89	21.97	21.85	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	21.92	21.89	21.86	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	21.90	21.96	21.96	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	21.94	21.92	21.95	23.5	0.0

n41_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.32	19.35	19.25		
100	PI/2 BPSK	1	137	19.28	19.37	19.30	21.0	0.0
100	PI/2 BPSK	1	271	19.35	19.26	19.23		
100	PI/2 BPSK	135	0	19.26	19.24	19.32	21.0	0.0
100	PI/2 BPSK	135	69	19.33	19.38	19.31	21.0	0.0
100	PI/2 BPSK	135	138	19.22	19.35	19.25	21.0	0.0
100	PI/2 BPSK	270	0	19.34	19.28	19.21		
100	QPSK	1	1	19.41	19.43	19.40		
100	QPSK	1	137	19.36	19.33	19.33	21.0	0.0
100	QPSK	1	271	19.32	19.31	19.22		
100	QPSK	135	0	19.28	19.32	19.32	21.0	0.0
100	QPSK	135	69	19.39	19.41	19.37	21.0	0.0
100	QPSK	135	138	19.29	19.28	19.22	21.0	0.0
100	QPSK	270	0	19.37	19.39	19.35		
100	16QAM	1	1	19.24	19.33	19.23	21.0	0.0
100	64QAM	1	1	19.23	19.36	19.33	21.0	0.0
100	256QAM	1	1	19.24	19.26	19.30	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.30	19.26	19.34	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.36	19.27	19.33	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.23	19.37	19.24	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.22	19.36	19.25	21.0	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.29	19.29	19.26	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.36	19.38	19.34	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.30	19.26	19.28	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.26	19.35	19.32	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.31	19.30	19.27	21.0	0.0

n41_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.52	19.55	19.45		
100	PI/2 BPSK	1	137	19.48	19.57	19.50	21.0	0.0
100	PI/2 BPSK	1	271	19.55	19.46	19.43		
100	PI/2 BPSK	135	0	19.46	19.44	19.52	21.0	0.0
100	PI/2 BPSK	135	69	19.53	19.58	19.51	21.0	0.0
100	PI/2 BPSK	135	138	19.42	19.55	19.45	21.0	0.0
100	PI/2 BPSK	270	0	19.54	19.48	19.41		
100	QPSK	1	1	19.61	19.63	19.60		
100	QPSK	1	137	19.56	19.53	19.53	21.0	0.0
100	QPSK	1	271	19.52	19.51	19.42		
100	QPSK	135	0	19.48	19.52	19.52	21.0	0.0
100	QPSK	135	69	19.59	19.61	19.57	21.0	0.0
100	QPSK	135	138	19.49	19.48	19.42	21.0	0.0
100	QPSK	270	0	19.57	19.59	19.55		
100	16QAM	1	1	19.44	19.53	19.43	21.0	0.0
100	64QAM	1	1	19.43	19.56	19.53	21.0	0.0
100	256QAM	1	1	19.44	19.46	19.50	21.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.50	19.46	19.54	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.56	19.47	19.53	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.43	19.57	19.44	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.42	19.56	19.45	21.0	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.49	19.49	19.46	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.56	19.58	19.54	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.50	19.46	19.48	21.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.46	19.55	19.52	21.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.51	19.50	19.47	21.0	0.0

Part27Q_n77_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.25		19.2	0.0
100	PI/2 BPSK	1	137		18.20			
100	PI/2 BPSK	1	271		18.19			
100	PI/2 BPSK	135	0		18.20		19.2	0.0
100	PI/2 BPSK	135	69		18.18		19.2	0.0
100	PI/2 BPSK	135	138		18.14		19.2	0.0
100	PI/2 BPSK	270	0		18.19			
100	QPSK	1	1		18.31		19.2	0.0
100	QPSK	1	137		18.21			
100	QPSK	1	271		18.15			
100	QPSK	135	0		18.14		19.2	0.0
100	QPSK	135	69		18.30			
100	QPSK	135	138		18.13			
100	QPSK	270	0		18.26		19.2	0.0
100	16QAM	1	1		18.20		19.2	0.0
100	64QAM	1	1		18.13		19.2	0.0
100	256QAM	1	1		18.11		19.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.19	18.27	18.17	19.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.26	18.22	18.24	19.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.14	18.20	18.13	19.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.15	18.26	18.23	19.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.17	18.21	18.25	19.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.16	18.22	18.14	19.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.20	18.20	18.28	19.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.17	18.15	18.23	19.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.17	18.13	18.27	19.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.19	18.15	18.20	19.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.16	18.17	18.19	19.2	0.0

Part27O_n77_Ant 11

BW [MHz]	Modulation	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	18.11	18.14	18.13	19.2	0.0
100	PI/2 BPSK	1	137	18.20	18.13	18.15		
100	PI/2 BPSK	1	271	18.18	18.17	18.11		
100	PI/2 BPSK	135	0	18.16	18.20	18.17	19.2	0.0
100	PI/2 BPSK	135	69	18.24	18.22	18.13	19.2	0.0
100	PI/2 BPSK	135	138	18.14	18.25	18.13	19.2	0.0
100	PI/2 BPSK	270	0	18.14	18.19	18.18		
100	QPSK	1	1	18.30	18.32	18.29	19.2	0.0
100	QPSK	1	137	18.25	18.22	18.20		
100	QPSK	1	271	18.12	18.16	18.19		
100	QPSK	135	0	18.15	18.19	18.12	19.2	0.0
100	QPSK	135	69	18.28	18.30	18.27		
100	QPSK	135	138	18.22	18.23	18.24		
100	QPSK	270	0	18.26	18.28	18.25	19.2	0.0
100	16QAM	1	1	18.25	18.17	18.16	19.2	0.0
100	64QAM	1	1	18.25	18.13	18.20	19.2	0.0
100	256QAM	1	1	18.08	18.15	18.06	19.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.11	18.16	18.20	19.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.18	18.15	18.15	19.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.14	18.26	18.24	19.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.13	18.24	18.16	19.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.14	18.25	18.22	19.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.12	18.25	18.12	19.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.13	18.23	18.10	19.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.11	18.15	18.10	19.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.15	18.17	18.10	19.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.23	18.17	18.20	19.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.17	18.27	18.16	19.2	0.0

Part27Q_n77_Ant 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.63		19.7	0.0
100	PI/2 BPSK	1	137		18.57			
100	PI/2 BPSK	1	271		18.65			
100	PI/2 BPSK	135	0		18.59		19.7	0.0
100	PI/2 BPSK	135	69		18.65		19.7	0.0
100	PI/2 BPSK	135	138		18.66		19.7	0.0
100	PI/2 BPSK	270	0		18.64			
100	QPSK	1	1		18.71		19.7	0.0
100	QPSK	1	137		18.53			
100	QPSK	1	271		18.54			
100	QPSK	135	0		18.65		19.7	0.0
100	QPSK	135	69		18.70			
100	QPSK	135	138		18.65			
100	QPSK	270	0		18.68		19.7	0.0
100	16QAM	1	1		18.57		19.7	0.0
100	64QAM	1	1		18.61		19.7	0.0
100	256QAM	1	1		18.58		19.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.53	18.67	18.56	19.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.64	18.59	18.61	19.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.61	18.62	18.57	19.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.64	18.58	18.66	19.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.62	18.61	18.61	19.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.53	18.61	18.63	19.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.61	18.59	18.56	19.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.57	18.66	18.61	19.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.64	18.58	18.65	19.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.55	18.58	18.55	19.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3465.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.54	18.60	18.65	19.7	0.0

Part27O_n77_Ant 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.59	18.56	18.59	19.7	0.0
100	PI/2 BPSK	1	137	18.63	18.58	18.56		
100	PI/2 BPSK	1	271	18.65	18.64	18.60		
100	PI/2 BPSK	135	0	18.58	18.61	18.53	19.7	0.0
100	PI/2 BPSK	135	69	18.60	18.69	18.63	19.7	0.0
100	PI/2 BPSK	135	138	18.68	18.66	18.55	19.7	0.0
100	PI/2 BPSK	270	0	18.62	18.60	18.56		
100	QPSK	1	1	18.72	18.74	18.70	19.7	0.0
100	QPSK	1	137	18.64	18.70	18.64		
100	QPSK	1	271	18.59	18.57	18.64		
100	QPSK	135	0	18.60	18.58	18.60	19.7	0.0
100	QPSK	135	69	18.70	18.72	18.68		
100	QPSK	135	138	18.62	18.59	18.54		
100	QPSK	270	0	18.69	18.71	18.67	19.7	0.0
100	16QAM	1	1	18.66	18.68	18.64	19.7	0.0
100	64QAM	1	1	18.61	18.60	18.63	19.7	0.0
100	256QAM	1	1	18.56	18.67	18.53	19.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.56	18.68	18.57	19.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.65	18.61	18.60	19.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.57	18.69	18.54	19.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.55	18.59	18.53	19.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.54	18.68	18.59	19.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.62	18.56	18.62	19.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.67	18.68	18.58	19.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.65	18.61	18.54	19.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.63	18.62	18.63	19.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.62	18.58	18.55	19.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.63	18.64	18.61	19.7	0.0

Part27Q_n77_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		18.78		19.7	0.0
100	PI/2 BPSK	1	137		18.83			
100	PI/2 BPSK	1	271		18.86			
100	PI/2 BPSK	135	0		18.87		19.7	0.0
100	PI/2 BPSK	135	69		18.87		19.7	0.0
100	PI/2 BPSK	135	138		18.79		19.7	0.0
100	PI/2 BPSK	270	0		18.92			
100	QPSK	1	1		18.97		19.7	0.0
100	QPSK	1	137		18.80			
100	QPSK	1	271		18.80			
100	QPSK	135	0		18.87		19.7	0.0
100	QPSK	135	69		18.95			
100	QPSK	135	138		18.89			
100	QPSK	270	0		18.93		19.7	0.0
100	16QAM	1	1		18.87		19.7	0.0
100	64QAM	1	1		17.65		18.7	1.0
100	256QAM	1	1		16.25		16.7	3.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.89	18.80	18.80	19.7	0.0
	Channel			632768	633132	634400	Tune-up limit	MPR
	Frequency (MHz)			3490.92	3499.98	3512	(dBm)	(dB)
80	QPSK	1	1	18.82	18.89	18.78	19.7	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.81	18.91	18.92	19.7	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.83	18.86	18.91	19.7	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.82	18.87	18.79	19.7	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.81	18.84	18.92	19.7	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.91	18.84	18.80	19.7	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.80	18.78	18.89	19.7	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.89	18.84	18.92	19.7	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.88	18.91	18.90	19.7	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.86	18.81	18.81	19.7	0.0

Part27O_n77_Ant 21

BW [MHz]	Modulation	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	18.49	18.55	18.45	19.7	0.0
100	PI/2 BPSK	1	137	18.58	18.48	18.54		
100	PI/2 BPSK	1	271	18.59	18.52	18.52		
100	PI/2 BPSK	135	0	18.51	18.57	18.53	19.7	0.0
100	PI/2 BPSK	135	69	18.56	18.51	18.53	19.7	0.0
100	PI/2 BPSK	135	138	18.53	18.52	18.53	19.7	0.0
100	PI/2 BPSK	270	0	18.59	18.59	18.59		
100	QPSK	1	1	18.64	18.66	18.63	19.7	0.0
100	QPSK	1	137	18.55	18.59	18.54		
100	QPSK	1	271	18.55	18.57	18.57		
100	QPSK	135	0	18.47	18.59	18.47	19.7	0.0
100	QPSK	135	69	18.63	18.65	18.61		
100	QPSK	135	138	18.54	18.55	18.51		
100	QPSK	270	0	18.61	18.63	18.60	19.7	0.0
100	16QAM	1	1	18.46	18.62	18.45	19.7	0.0
100	64QAM	1	1	17.22	17.35	17.23	18.7	1.0
100	256QAM	1	1	15.82	15.93	15.79	16.7	3.0
	Channel			649668	656004	662332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.57	18.55	18.55	19.7	0.0
	Channel			649334	656000	662666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.60	18.62	18.58	19.7	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.52	18.58	18.46	19.7	0.0
	Channel			648668	656000	663332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.60	18.51	18.46	19.7	0.0
	Channel			648334	656000	663666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.59	18.53	18.57	19.7	0.0
	Channel			648000	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.57	18.48	18.53	19.7	0.0
	Channel			647668	656000	664332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.54	18.56	18.53	19.7	0.0
	Channel			647500	656000	664500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.51	18.58	18.58	19.7	0.0
	Channel			647334	656000	664666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.51	18.58	18.59	19.7	0.0
	Channel			647168	656000	664832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.57	18.56	18.59	19.7	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.50	18.50	18.59	19.7	0.0

Part27Q_n77_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.02		20.2	0.0
100	PI/2 BPSK	1	137		19.02			
100	PI/2 BPSK	1	271		19.06			
100	PI/2 BPSK	135	0		18.95		20.2	0.0
100	PI/2 BPSK	135	69		19.04		20.2	0.0
100	PI/2 BPSK	135	138		18.95		20.2	0.0
100	PI/2 BPSK	270	0		18.99			
100	QPSK	1	1		19.17		20.2	0.0
100	QPSK	1	137		19.03			
100	QPSK	1	271		19.01			
100	QPSK	135	0		19.00		20.2	0.0
100	QPSK	135	69		19.15			
100	QPSK	135	138		19.06			
100	QPSK	270	0		19.10		20.2	0.0
100	16QAM	1	1		18.98		20.2	0.0
100	64QAM	1	1		17.33		18.7	1.5
100	256QAM	1	1		15.95		16.7	3.5
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.99	19.04	18.96	20.2	0.0
	Channel			632768	633132	634400	Tune-up limit	MPR
	Frequency (MHz)			3490.92	3499.98	3512	(dBm)	(dB)
80	QPSK	1	1	19.03	18.98	19.07	20.2	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.07	19.06	18.96	20.2	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.04	19.04	18.96	20.2	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.98	19.03	18.96	20.2	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.02	18.97	18.99	20.2	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.97	19.09	19.09	20.2	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.04	19.01	18.99	20.2	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.05	18.96	19.06	20.2	0.0
	Channel			630506	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.01	19.09	19.03	20.2	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.08	18.96	19.08	20.2	0.0

Part27O_n77_Ant 23

BW [MHz]	Modulation	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	18.67	18.71	18.70	20.2	0.0
100	PI/2 BPSK	1	137	18.66	18.68	18.64		
100	PI/2 BPSK	1	271	18.65	18.68	18.73		
100	PI/2 BPSK	135	0	18.68	18.74	18.65	20.2	0.0
100	PI/2 BPSK	135	69	18.72	18.75	18.64	20.2	0.0
100	PI/2 BPSK	135	138	18.73	18.63	18.70	20.2	0.0
100	PI/2 BPSK	270	0	18.62	18.77	18.60		
100	QPSK	1	1	18.91	18.92	18.89	20.2	0.0
100	QPSK	1	137	18.68	18.77	18.62		
100	QPSK	1	271	18.62	18.76	18.66		
100	QPSK	135	0	18.74	18.65	18.64	20.2	0.0
100	QPSK	135	69	18.82	18.90	18.87		
100	QPSK	135	138	18.62	18.71	18.61		
100	QPSK	270	0	18.77	18.78	18.75	20.2	0.0
100	16QAM	1	1	18.48	18.56	18.50	20.2	0.0
100	64QAM	1	1	16.95	17.05	16.98	18.7	1.5
100	256QAM	1	1	15.58	15.65	15.56	16.7	3.5
	Channel			649668	656004	662332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	18.75	18.75	18.64	20.2	0.0
	Channel			649334	656000	662666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	18.74	18.70	18.63	20.2	0.0
	Channel			649000	656000	663000	Tune-up limit	MPR
	Frequency (MHz)			3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	18.76	18.68	18.72	20.2	0.0
	Channel			648668	656000	663332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	18.63	18.72	18.73	20.2	0.0
	Channel			648334	656000	663666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	18.68	18.69	18.67	20.2	0.0
	Channel			648000	656000	664000	Tune-up limit	MPR
	Frequency (MHz)			3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	18.71	18.74	18.74	20.2	0.0
	Channel			647668	656000	664332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	18.71	18.67	18.64	20.2	0.0
	Channel			647500	656000	664500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	18.74	18.71	18.65	20.2	0.0
	Channel			647334	656000	664666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	18.63	18.73	18.70	20.2	0.0
	Channel			647168	656000	664832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	18.64	18.77	18.64	20.2	0.0
	Channel			647000	656000	665000	Tune-up limit	MPR
	Frequency (MHz)			3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	18.64	18.63	18.74	20.2	0.0

Part27Q_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		18.53		19.4	0.0
100	PI/2 BPSK	1	137		18.61			
100	PI/2 BPSK	1	271		18.61			
100	PI/2 BPSK	135	0		18.54		19.4	0.0
100	PI/2 BPSK	135	69		18.62		19.4	0.0
100	PI/2 BPSK	135	138		18.55		19.4	0.0
100	PI/2 BPSK	270	0		18.50			
100	QPSK	1	1		18.68		19.4	0.0
100	QPSK	1	137		18.61			
100	QPSK	1	271		18.64			
100	QPSK	135	0		18.53		19.4	0.0
100	QPSK	135	69		18.67			
100	QPSK	135	138		18.64			
100	QPSK	270	0		18.65		19.4	0.0
100	16QAM	1	1		18.64		19.4	0.0
100	64QAM	1	1		18.51		19.4	0.0
100	256QAM	1	1		18.56		19.4	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.61	18.58	18.60	19.4	0.0
	Channel			632702	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.63	18.59	18.61	19.4	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.55	18.57	18.58	19.4	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.52	18.59	18.57	19.4	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.59	18.63	18.55	19.4	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.61	18.64	18.60	19.4	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.51	18.60	18.59	19.4	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.50	18.61	18.59	19.4	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.58	18.56	18.53	19.4	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.57	18.57	18.57	19.4	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.52	18.56	18.59	19.4	0.0

Part27Q_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		18.53		19.4	0.0
100	PI/2 BPSK	1	137		18.61			
100	PI/2 BPSK	1	271		18.61			
100	PI/2 BPSK	135	0		18.54		19.4	0.0
100	PI/2 BPSK	135	69		18.62		19.4	0.0
100	PI/2 BPSK	135	138		18.55		19.4	0.0
100	PI/2 BPSK	270	0		18.50			
100	QPSK	1	1		18.68		19.4	0.0
100	QPSK	1	137		18.61			
100	QPSK	1	271		18.64			
100	QPSK	135	0		18.53		19.4	0.0
100	QPSK	135	69		18.67			
100	QPSK	135	138		18.64			
100	QPSK	270	0		18.65		19.4	0.0
100	16QAM	1	1		18.64		19.4	0.0
100	64QAM	1	1		18.51		19.4	0.0
100	256QAM	1	1		18.56		19.4	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.61	18.58	18.60	19.4	0.0
	Channel			632702	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.63	18.59	18.61	19.4	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.55	18.57	18.58	19.4	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.52	18.59	18.57	19.4	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.59	18.63	18.55	19.4	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.61	18.64	18.60	19.4	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.51	18.60	18.59	19.4	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.50	18.61	18.59	19.4	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.58	18.56	18.53	19.4	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.57	18.57	18.57	19.4	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.52	18.56	18.59	19.4	0.0

Part27O_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		18.11		19.4	0.0
100	PI/2 BPSK	1	137		18.20			
100	PI/2 BPSK	1	271		18.16			
100	PI/2 BPSK	135	0		18.10		19.4	0.0
100	PI/2 BPSK	135	69		18.11		19.4	0.0
100	PI/2 BPSK	135	138		18.15		19.4	0.0
100	PI/2 BPSK	270	0		18.18			
100	QPSK	1	1		18.26		19.4	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		18.22			
100	QPSK	135	0		18.08		19.4	0.0
100	QPSK	135	69		18.25			
100	QPSK	135	138		18.16			
100	QPSK	270	0		18.23		19.4	0.0
100	16QAM	1	1		18.12		19.4	0.0
100	64QAM	1	1		18.11		19.4	0.0
100	256QAM	1	1		18.20		19.4	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.11	18.12	18.15	19.4	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.10	18.16	18.15	19.4	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	18.10	18.17	18.14	19.4	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.22	18.12	18.20	19.4	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.16	18.08	18.20	19.4	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.18	18.14	18.13	19.4	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.16	18.12	18.10	19.4	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.19	18.22	18.14	19.4	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.08	18.21	18.19	19.4	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.22	18.21	18.15	19.4	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.11	18.20	18.08	19.4	0.0

Part27O_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
	Channel				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		18.11		19.4	0.0
100	PI/2 BPSK	1	137		18.20			
100	PI/2 BPSK	1	271		18.16			
100	PI/2 BPSK	135	0		18.10		19.4	0.0
100	PI/2 BPSK	135	69		18.11		19.4	0.0
100	PI/2 BPSK	135	138		18.15		19.4	0.0
100	PI/2 BPSK	270	0		18.18			
100	QPSK	1	1		18.26		19.4	0.0
100	QPSK	1	137		18.09			
100	QPSK	1	271		18.22			
100	QPSK	135	0		18.08		19.4	0.0
100	QPSK	135	69		18.25			
100	QPSK	135	138		18.16			
100	QPSK	270	0		18.23		19.4	0.0
100	16QAM	1	1		18.12		19.4	0.0
100	64QAM	1	1		18.11		19.4	0.0
100	256QAM	1	1		18.20		19.4	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	18.11	18.12	18.15	19.4	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.10	18.16	18.15	19.4	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	18.10	18.17	18.14	19.4	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.22	18.12	18.20	19.4	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.16	18.08	18.20	19.4	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	18.18	18.14	18.13	19.4	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.16	18.12	18.10	19.4	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.19	18.22	18.14	19.4	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	18.08	18.21	18.19	19.4	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.22	18.21	18.15	19.4	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	18.11	18.20	18.08	19.4	0.0

Part27Q_n78_Ant 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.09		20.7	0.0
100	PI/2 BPSK	1	137		19.11			
100	PI/2 BPSK	1	271		19.12			
100	PI/2 BPSK	135	0		19.15		20.7	0.0
100	PI/2 BPSK	135	69		19.03		20.7	0.0
100	PI/2 BPSK	135	138		19.16		20.7	0.0
100	PI/2 BPSK	270	0		19.12			
100	QPSK	1	1		19.21		20.7	0.0
100	QPSK	1	137		19.03			
100	QPSK	1	271		19.12			
100	QPSK	135	0		19.10		20.7	0.0
100	QPSK	135	69		19.20			
100	QPSK	135	138		19.08			
100	QPSK	270	0		19.18		20.7	0.0
100	16QAM	1	1		19.17		20.7	0.0
100	64QAM	1	1		19.15		20.7	0.0
100	256QAM	1	1		19.12		20.7	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.08	19.12	19.12	20.7	0.0
	Channel			632102	633332	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.13	19.06	19.09	20.7	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.16	19.12	19.09	20.7	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.10	19.03	19.09	20.7	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.03	19.07	19.05	20.7	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.12	19.03	19.16	20.7	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.06	19.04	19.08	20.7	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3482.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.10	19.15	19.11	20.7	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3480.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.08	19.10	19.03	20.7	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.13	19.14	19.04	20.7	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.07	19.05	19.08	20.7	0.0

Part27Q_n78_HPUE_Ant 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		19.09		20.7	0.0
100	PI/2 BPSK	1	137		19.11			
100	PI/2 BPSK	1	271		19.12			
100	PI/2 BPSK	135	0		19.15		20.7	0.0
100	PI/2 BPSK	135	69		19.03		20.7	0.0
100	PI/2 BPSK	135	138		19.16		20.7	0.0
100	PI/2 BPSK	270	0		19.12			
100	QPSK	1	1		19.21		20.7	0.0
100	QPSK	1	137		19.03			
100	QPSK	1	271		19.12			
100	QPSK	135	0		19.10		20.7	0.0
100	QPSK	135	69		19.20			
100	QPSK	135	138		19.08			
100	QPSK	270	0		19.18		20.7	0.0
100	16QAM	1	1		19.17		20.7	0.0
100	64QAM	1	1		19.15		20.7	0.0
100	256QAM	1	1		19.12		20.7	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	19.08	19.12	19.12	20.7	0.0
	Channel			632668	633332	634002	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	19.13	19.06	19.09	20.7	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	19.16	19.12	19.09	20.7	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	19.10	19.03	19.09	20.7	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	19.03	19.07	19.05	20.7	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	19.12	19.03	19.16	20.7	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	19.08	19.04	19.08	20.7	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	19.10	19.15	19.11	20.7	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	19.08	19.10	19.03	20.7	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	19.13	19.14	19.04	20.7	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	19.07	19.05	19.08	20.7	0.0

Part27O_n78_Ant 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				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		18.96		20.7	0.0
100	PI/2 BPSK	1	137		18.98			
100	PI/2 BPSK	1	271		19.05			
100	PI/2 BPSK	135	0		19.05		20.7	0.0
100	PI/2 BPSK	135	69		18.96		20.7	0.0
100	PI/2 BPSK	135	138		19.04		20.7	0.0
100	PI/2 BPSK	270	0		19.07			
100	QPSK	1	1		19.13		20.7	0.0
100	QPSK	1	137		19.05			
100	QPSK	1	271		19.05			
100	QPSK	135	0		19.07		20.7	0.0
100	QPSK	135	69		19.11			
100	QPSK	135	138		18.95			
100	QPSK	270	0		19.10		20.7	0.0
100	16QAM	1	1		18.96		20.7	0.0
100	64QAM	1	1		19.02		20.7	0.0
100	256QAM	1	1		18.97		20.7	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.05	19.09	19.06	20.7	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.95	18.98	18.95	20.7	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	18.99	18.96	19.03	20.7	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.96	19.06	18.97	20.7	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.99	18.97	19.05	20.7	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.07	18.99	19.04	20.7	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.95	18.99	18.97	20.7	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.97	18.96	18.97	20.7	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.09	19.02	19.03	20.7	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.97	19.03	19.00	20.7	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.09	19.07	19.03	20.7	0.0

Part27O_n78_HPUE_Ant 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				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		18.96		20.7	0.0
100	PI/2 BPSK	1	137		18.98			
100	PI/2 BPSK	1	271		19.05			
100	PI/2 BPSK	135	0		19.05		20.7	0.0
100	PI/2 BPSK	135	69		18.96		20.7	0.0
100	PI/2 BPSK	135	138		19.04		20.7	0.0
100	PI/2 BPSK	270	0		19.07			
100	QPSK	1	1		19.13		20.7	0.0
100	QPSK	1	137		19.05			
100	QPSK	1	271		19.05			
100	QPSK	135	0		19.07		20.7	0.0
100	QPSK	135	69		19.11			
100	QPSK	135	138		18.95			
100	QPSK	270	0		19.10		20.7	0.0
100	16QAM	1	1		18.96		20.7	0.0
100	64QAM	1	1		19.02		20.7	0.0
100	256QAM	1	1		18.97		20.7	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.05	19.09	19.06	20.7	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	18.95	18.98	18.95	20.7	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	18.99	18.96	19.03	20.7	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	18.96	19.06	18.97	20.7	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	18.99	18.97	19.05	20.7	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.07	18.99	19.04	20.7	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	18.95	18.99	18.97	20.7	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	18.97	18.96	18.97	20.7	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.09	19.02	19.03	20.7	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	18.97	19.03	19.00	20.7	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.09	19.07	19.03	20.7	0.0

Part27Q_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.11		20.7	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.13			
100	PI/2 BPSK	135	0		20.21		20.7	0.0
100	PI/2 BPSK	135	69		20.14		20.7	0.0
100	PI/2 BPSK	135	138		20.21		20.7	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		20.28		20.7	0.0
100	QPSK	1	137		20.12			
100	QPSK	1	271		20.16			
100	QPSK	135	0		20.12		20.7	0.0
100	QPSK	135	69		20.26			
100	QPSK	135	138		20.18			
100	QPSK	270	0		20.25		20.7	0.0
100	16QAM	1	1		20.17		20.7	0.0
100	64QAM	1	1		19.93		20.7	0.0
100	256QAM	1	1		19.03		19.2	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.23	20.17	20.24	20.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.23	20.15	20.19	20.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.15	20.12	20.22	20.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.10	20.20	20.19	20.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.12	20.24	20.17	20.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.17	20.16	20.16	20.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.10	20.22	20.11	20.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.17	20.20	20.21	20.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.24	20.14	20.18	20.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.24	20.14	20.17	20.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.16	20.13	20.15	20.7	0.0

Part27Q_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.11		20.7	0.0
100	PI/2 BPSK	1	137		20.13			
100	PI/2 BPSK	1	271		20.13			
100	PI/2 BPSK	135	0		20.21		20.7	0.0
100	PI/2 BPSK	135	69		20.14		20.7	0.0
100	PI/2 BPSK	135	138		20.21		20.7	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		20.28		20.7	0.0
100	QPSK	1	137		20.12			
100	QPSK	1	271		20.16			
100	QPSK	135	0		20.12		20.7	0.0
100	QPSK	135	69		20.26			
100	QPSK	135	138		20.18			
100	QPSK	270	0		20.25		20.7	0.0
100	16QAM	1	1		20.17		20.7	0.0
100	64QAM	1	1		19.93		20.7	0.0
100	256QAM	1	1		19.03		19.2	1.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.23	20.17	20.24	20.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.23	20.15	20.19	20.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.15	20.12	20.22	20.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.10	20.20	20.19	20.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.12	20.24	20.17	20.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.17	20.16	20.16	20.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.10	20.22	20.11	20.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.17	20.20	20.21	20.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.24	20.14	20.18	20.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.24	20.14	20.17	20.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.16	20.13	20.15	20.7	0.0

Part27O_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.43		20.7	0.0
100	PI/2 BPSK	1	137		19.42			
100	PI/2 BPSK	1	271		19.42			
100	PI/2 BPSK	135	0		19.54		20.7	0.0
100	PI/2 BPSK	135	69		19.47		20.7	0.0
100	PI/2 BPSK	135	138		19.46		20.7	0.0
100	PI/2 BPSK	270	0		19.44			
100	QPSK	1	1		19.58		20.7	0.0
100	QPSK	1	137		19.41			
100	QPSK	1	271		19.47			
100	QPSK	135	0		19.51		20.7	0.0
100	QPSK	135	69		19.56			
100	QPSK	135	138		19.41			
100	QPSK	270	0		19.55		20.7	0.0
100	16QAM	1	1		19.40		20.7	0.0
100	64QAM	1	1		19.23		20.7	0.0
100	256QAM	1	1		18.41		19.2	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.52	19.47	19.42	20.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.51	19.53	19.42	20.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.40	19.51	19.52	20.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.47	19.41	19.51	20.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.49	19.51	19.44	20.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.48	19.53	19.42	20.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.44	19.54	19.47	20.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.46	19.50	19.41	20.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.49	19.40	19.46	20.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3743	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.44	19.42	19.45	20.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.54	19.54	19.43	20.7	0.0

Part27O_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.43		20.7	0.0
100	PI/2 BPSK	1	137		19.42			
100	PI/2 BPSK	1	271		19.42			
100	PI/2 BPSK	135	0		19.54		20.7	0.0
100	PI/2 BPSK	135	69		19.47		20.7	0.0
100	PI/2 BPSK	135	138		19.46		20.7	0.0
100	PI/2 BPSK	270	0		19.44			
100	QPSK	1	1		19.58		20.7	0.0
100	QPSK	1	137		19.41			
100	QPSK	1	271		19.47			
100	QPSK	135	0		19.51		20.7	0.0
100	QPSK	135	69		19.56			
100	QPSK	135	138		19.41			
100	QPSK	270	0		19.55		20.7	0.0
100	16QAM	1	1		19.40		20.7	0.0
100	64QAM	1	1		19.23		20.7	0.0
100	256QAM	1	1		18.41		19.2	1.5
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.52	19.47	19.42	20.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.51	19.53	19.42	20.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.40	19.51	19.52	20.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.47	19.41	19.51	20.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.49	19.51	19.44	20.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.48	19.53	19.42	20.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	19.44	19.54	19.47	20.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.46	19.50	19.41	20.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.49	19.40	19.46	20.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.44	19.42	19.45	20.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.54	19.54	19.43	20.7	0.0

Part27Q_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.16			
100	PI/2 BPSK	1	137		20.03		21.5	0.0
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.16		21.5	0.0
100	PI/2 BPSK	135	69		20.07		21.5	0.0
100	PI/2 BPSK	135	138		20.15		21.5	0.0
100	PI/2 BPSK	270	0		20.10			
100	QPSK	1	1		20.21			
100	QPSK	1	137		20.04		21.5	0.0
100	QPSK	1	271		20.04			
100	QPSK	135	0		20.14			
100	QPSK	135	69		20.20		21.5	0.0
100	QPSK	135	138		20.16			
100	QPSK	270	0		20.18		21.5	0.0
100	16QAM	1	1		20.17		21.5	0.0
100	64QAM	1	1		20.05		21.5	0.0
100	256QAM	1	1		18.53		19.5	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.07	20.04	20.03	21.5	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.16	20.13	20.07	21.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.03	20.14	20.10	21.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.04	20.08	20.16	21.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.10	20.06	20.12	21.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.03	20.04	20.16	21.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3466	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.05	20.13	20.13	21.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.12	20.09	20.09	21.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.03	20.07	20.03	21.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.04	20.04	20.09	21.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.13	20.11	20.11	21.5	0.0

Part27Q_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.16			
100	PI/2 BPSK	1	137		20.03		21.5	0.0
100	PI/2 BPSK	1	271		20.11			
100	PI/2 BPSK	135	0		20.16		21.5	0.0
100	PI/2 BPSK	135	69		20.07		21.5	0.0
100	PI/2 BPSK	135	138		20.15		21.5	0.0
100	PI/2 BPSK	270	0		20.10			
100	QPSK	1	1		20.21			
100	QPSK	1	137		20.04		21.5	0.0
100	QPSK	1	271		20.04			
100	QPSK	135	0		20.14			
100	QPSK	135	69		20.20		21.5	0.0
100	QPSK	135	138		20.16			
100	QPSK	270	0		20.18		21.5	0.0
100	16QAM	1	1		20.17		21.5	0.0
100	64QAM	1	1		20.05		21.5	0.0
100	256QAM	1	1		18.53		19.5	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	20.07	20.04	20.03	21.5	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	20.16	20.13	20.07	21.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	20.03	20.14	20.10	21.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	20.04	20.08	20.16	21.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	20.10	20.06	20.12	21.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	20.03	20.04	20.16	21.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3466	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	20.05	20.13	20.13	21.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	20.12	20.09	20.09	21.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.03	20.07	20.03	21.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	20.04	20.04	20.09	21.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	20.13	20.11	20.11	21.5	0.0

Part27O_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.59			
100	PI/2 BPSK	1	137		19.63		21.5	0.0
100	PI/2 BPSK	1	271		19.58			
100	PI/2 BPSK	135	0		19.53		21.5	0.0
100	PI/2 BPSK	135	69		19.54		21.5	0.0
100	PI/2 BPSK	135	138		19.67		21.5	0.0
100	PI/2 BPSK	270	0		19.55			
100	QPSK	1	1		19.72			
100	QPSK	1	137		19.55		21.5	0.0
100	QPSK	1	271		19.57			
100	QPSK	135	0		19.57			
100	QPSK	135	69		19.70		21.5	0.0
100	QPSK	135	138		19.65			
100	QPSK	270	0		19.68		21.5	0.0
100	16QAM	1	1		19.54		21.5	0.0
100	64QAM	1	1		19.57		21.5	0.0
100	256QAM	1	1		18.18		19.5	2.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.66	19.57	19.60	21.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.63	19.63	19.63	21.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.64	19.67	19.63	21.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.58	19.61	19.67	21.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.55	19.61	19.54	21.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.62	19.58	19.64	21.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3714.99	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	19.64	19.64	19.56	21.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.54	19.67	19.64	21.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.56	19.57	19.56	21.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.42	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.64	19.58	19.53	21.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.62	19.63	19.53	21.5	0.0

Part27O_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.59			
100	PI/2 BPSK	1	137		19.63		21.5	0.0
100	PI/2 BPSK	1	271		19.58			
100	PI/2 BPSK	135	0		19.53		21.5	0.0
100	PI/2 BPSK	135	69		19.54		21.5	0.0
100	PI/2 BPSK	135	138		19.67		21.5	0.0
100	PI/2 BPSK	270	0		19.55			
100	QPSK	1	1		19.72			
100	QPSK	1	137		19.55		21.5	0.0
100	QPSK	1	271		19.57			
100	QPSK	135	0		19.57			
100	QPSK	135	69		19.70		21.5	0.0
100	QPSK	135	138		19.65			
100	QPSK	270	0		19.68		21.5	0.0
100	16QAM	1	1		19.54		21.5	0.0
100	64QAM	1	1		19.57		21.5	0.0
100	256QAM	1	1		18.18		19.5	2.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	19.66	19.57	19.60	21.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	19.63	19.63	19.63	21.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	19.64	19.67	19.63	21.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	19.58	19.61	19.67	21.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	19.55	19.61	19.54	21.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	19.62	19.58	19.64	21.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3714.99	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	19.64	19.64	19.56	21.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	19.54	19.67	19.64	21.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	19.56	19.57	19.56	21.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	19.64	19.58	19.53	21.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	19.62	19.63	19.53	21.5	0.0

n2_Ant 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				372000	376000	380000		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.96	17.11	17.07	18.2	0.0
20	PI/2 BPSK	1	53	16.97	16.99	16.93		
20	PI/2 BPSK	1	104	16.96	17.02	17.01		
20	PI/2 BPSK	50	0	17.05	17.04	17.03	18.2	0.0
20	PI/2 BPSK	50	28	16.97	17.03	17.02	18.2	0.0
20	PI/2 BPSK	50	56	16.99	17.05	16.93	18.2	0.0
20	PI/2 BPSK	100	0	17.08	17.04	17.07		
20	QPSK	1	1	17.15	17.17	17.13	18.2	0.0
20	QPSK	1	53	16.95	17.12	17.07		
20	QPSK	1	104	17.05	17.08	17.00		
20	QPSK	50	0	17.04	17.02	17.02	18.2	0.0
20	QPSK	50	28	17.13	17.15	17.11	18.2	0.0
20	QPSK	50	56	17.03	17.10	17.02	18.2	0.0
20	QPSK	100	0	17.10	17.13	17.08		
20	16QAM	1	1	17.08	17.07	17.00	18.2	0.0
20	64QAM	1	1	16.97	17.12	16.93	18.2	0.0
20	256QAM	1	1	17.08	17.06	17.07	18.2	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.04	17.00	16.93	18.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.09	17.12	16.93	18.2	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	16.96	17.04	16.98	18.2	0.0

Reduced Power Mode for ECI8&9&10

n2_Ant 31

BW [MHz]	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	18.43	18.45	18.43	19.5	0.0
20	PI/2 BPSK	1	53	18.39	18.48	18.49		
20	PI/2 BPSK	1	104	18.45	18.52	18.39		
20	PI/2 BPSK	50	0	18.40	18.40	18.37	19.5	0.0
20	PI/2 BPSK	50	28	18.51	18.40	18.50	19.5	0.0
20	PI/2 BPSK	50	56	18.51	18.48	18.37	19.5	0.0
20	PI/2 BPSK	100	0	18.43	18.40	18.48		
20	QPSK	1	1	18.56	18.58	18.55	19.5	0.0
20	QPSK	1	53	18.47	18.47	18.41		
20	QPSK	1	104	18.52	18.45	18.42		
20	QPSK	50	0	18.51	18.42	18.38	19.5	0.0
20	QPSK	50	28	18.55	18.57	18.53	19.5	0.0
20	QPSK	50	56	18.51	18.43	18.48	19.5	0.0
20	QPSK	100	0	18.53	18.55	18.51		
20	16QAM	1	1	18.46	18.52	18.48	19.5	0.0
20	64QAM	1	1	18.45	18.50	18.49	19.5	0.0
20	256QAM	1	1	18.52	18.44	18.39	19.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.38	18.53	18.45	19.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.41	18.47	18.47	19.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.44	18.45	18.45	19.5	0.0

n2_Ant 11

BW [MHz]	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	21.29	21.20	21.23	22.2	0.0
20	PI/2 BPSK	1	53	21.19	21.26	21.17		
20	PI/2 BPSK	1	104	21.16	21.32	21.27		
20	PI/2 BPSK	50	0	21.25	21.19	21.24	22.2	0.0
20	PI/2 BPSK	50	28	21.23	21.31	21.28	22.2	0.0
20	PI/2 BPSK	50	56	21.24	21.25	21.24	22.2	0.0
20	PI/2 BPSK	100	0	21.23	21.21	21.20		
20	QPSK	1	1	21.35	21.37	21.33	22.2	0.0
20	QPSK	1	53	21.21	21.26	21.22		
20	QPSK	1	104	21.30	21.21	21.23		
20	QPSK	50	0	21.29	21.27	21.22	22.2	0.0
20	QPSK	50	28	21.33	21.35	21.31	22.2	0.0
20	QPSK	50	56	21.23	21.31	21.17	22.2	0.0
20	QPSK	100	0	21.31	21.33	21.30		
20	16QAM	1	1	21.17	21.29	21.17	22.2	0.0
20	64QAM	1	1	20.53	20.63	20.56	21.7	0.5
20	256QAM	1	1	19.09	19.16	19.13	19.7	2.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.16	21.21	21.29	22.2	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.26	21.19	21.29	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	21.22	21.31	21.17	22.2	0.0

n5_Ant 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.11	24.13	24.10	25.0	0.0
20	PI/2 BPSK	1	53	24.02	24.01	24.05		
20	PI/2 BPSK	1	104	24.09	24.10	24.00		
20	PI/2 BPSK	50	0	23.73	23.75	23.71	24.5	0.5
20	PI/2 BPSK	50	28	24.09	24.10	24.08	25.0	0.0
20	PI/2 BPSK	50	56	23.63	23.68	23.57	24.5	0.5
20	PI/2 BPSK	100	0	23.58	23.73	23.56		
20	QPSK	1	1	24.13	24.15	24.12	25.0	0.0
20	QPSK	1	53	24.03	24.06	23.99		
20	QPSK	1	104	24.12	24.02	23.99		
20	QPSK	50	0	23.01	23.13	23.07	24.0	1.0
20	QPSK	50	28	24.11	24.13	24.11	25.0	0.0
20	QPSK	50	56	22.98	23.10	23.06	24.0	1.0
20	QPSK	100	0	23.13	23.15	23.11		
20	16QAM	1	1	22.79	22.90	22.81	24.0	1.0
20	64QAM	1	1	21.42	21.48	21.40	22.5	2.5
20	256QAM	1	1	20.05	20.08	19.95	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.02	24.00	24.06	25.0	0.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.99	24.01	24.01	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.07	24.11	24.02	25.0	0.0

n5_Ant 31

BW [MHz]	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	24.33	24.36	24.31	25.3	0.0
20	PI/2 BPSK	1	53	24.20	24.33	24.16		
20	PI/2 BPSK	1	104	24.28	24.23	24.18		
20	PI/2 BPSK	50	0	23.93	23.95	23.90	24.8	0.5
20	PI/2 BPSK	50	28	24.31	24.33	24.30	25.3	0.0
20	PI/2 BPSK	50	56	23.85	23.93	23.78	24.8	0.5
20	PI/2 BPSK	100	0	23.87	23.94	23.78		
20	QPSK	1	1	24.36	24.38	24.35	25.3	0.0
20	QPSK	1	53	24.24	24.37	24.22		
20	QPSK	1	104	24.27	24.26	24.27		
20	QPSK	50	0	23.33	23.25	23.20	24.3	1.0
20	QPSK	50	28	24.33	24.35	24.31	25.3	0.0
20	QPSK	50	56	23.27	23.21	23.18	24.3	1.0
20	QPSK	100	0	23.35	23.36	23.33		
20	16QAM	1	1	22.98	23.13	22.99	24.3	1.0
20	64QAM	1	1	21.58	21.67	21.64	22.8	2.5
20	256QAM	1	1	20.12	20.25	20.15	20.8	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.21	24.33	24.30	25.3	0.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.18	24.34	24.25	25.3	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.19	24.31	24.22	25.3	0.0

n7_Ant 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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.17	15.18	15.23	16.2	0.0
50	PI/2 BPSK	1	135	15.25	15.31	15.16		
50	PI/2 BPSK	1	268	15.28	15.21	15.27		
50	PI/2 BPSK	135	0	15.20	15.27	15.20	16.2	0.0
50	PI/2 BPSK	135	68	15.29	15.25	15.16	16.2	0.0
50	PI/2 BPSK	135	135	15.23	15.26	15.21	16.2	0.0
50	PI/2 BPSK	270	0	15.26	15.21	15.24		
50	QPSK	1	1	15.33	15.37	15.33	16.2	0.0
50	QPSK	1	135	15.17	15.30	15.17		
50	QPSK	1	268	15.26	15.25	15.29		
50	QPSK	135	0	15.30	15.25	15.16	16.2	0.0
50	QPSK	135	68	15.33	15.35	15.31	16.2	0.0
50	QPSK	135	135	15.27	15.18	15.19	16.2	0.0
50	QPSK	270	0	15.31	15.33	15.30		
50	16QAM	1	1	15.22	15.31	15.16	16.2	0.0
50	64QAM	1	1	15.21	15.22	15.19	16.2	0.0
50	256QAM	1	1	15.29	15.18	15.28	16.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	15.30	15.22	15.20	16.2	0.0
Channel				503500	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	15.23	15.29	15.16	16.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	15.29	15.19	15.22	16.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	15.20	15.26	15.25	16.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	15.28	15.24	15.18	16.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	15.21	15.25	15.16	16.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	15.23	15.22	15.19	16.2	0.0

n7_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.51	19.51	19.37	20.4	0.0
50	PI/2 BPSK	1	135	19.51	19.49	19.38		
50	PI/2 BPSK	1	268	19.44	19.52	19.44		
50	PI/2 BPSK	135	0	19.52	19.49	19.46	20.4	0.0
50	PI/2 BPSK	135	68	19.48	19.48	19.45	20.4	0.0
50	PI/2 BPSK	135	135	19.47	19.54	19.36	20.4	0.0
50	PI/2 BPSK	270	0	19.52	19.44	19.42		
50	QPSK	1	1	19.57	19.58	19.55	20.4	0.0
50	QPSK	1	135	19.38	19.53	19.47		
50	QPSK	1	268	19.47	19.49	19.38		
50	QPSK	135	0	19.51	19.48	19.47	20.4	0.0
50	QPSK	135	68	19.55	19.57	19.53	20.4	0.0
50	QPSK	135	135	19.40	19.45	19.38	20.4	0.0
50	QPSK	270	0	19.53	19.55	19.51		
50	16QAM	1	1	19.40	19.52	19.49	20.4	0.0
50	64QAM	1	1	19.41	19.42	19.47	20.4	0.0
50	256QAM	1	1	19.25	19.26	19.11	19.9	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.49	19.40	19.39	20.4	0.0
Channel				503500	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.45	19.45	19.43	20.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.49	19.40	19.36	20.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	19.49	19.45	19.44	20.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.46	19.45	19.44	20.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.43	19.45	19.40	20.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.50	19.46	19.49	20.4	0.0

n7_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.31	17.30	17.26	18.4	0.0
50	PI/2 BPSK	1	135	17.34	17.35	17.36		
50	PI/2 BPSK	1	268	17.35	17.28	17.38		
50	PI/2 BPSK	135	0	17.34	17.39	17.32	18.4	0.0
50	PI/2 BPSK	135	68	17.30	17.28	17.32	18.4	0.0
50	PI/2 BPSK	135	135	17.34	17.31	17.26	18.4	0.0
50	PI/2 BPSK	270	0	17.31	17.38	17.34		
50	QPSK	1	1	17.44	17.46	17.43	18.4	0.0
50	QPSK	1	135	17.40	17.32	17.31		
50	QPSK	1	268	17.31	17.38	17.32		
50	QPSK	135	0	17.37	17.33	17.36	18.4	0.0
50	QPSK	135	68	17.43	17.45	17.41	18.4	0.0
50	QPSK	135	135	17.38	17.38	17.29	18.4	0.0
50	QPSK	270	0	17.41	17.43	17.40		
50	16QAM	1	1	17.33	17.39	17.35	18.4	0.0
50	64QAM	1	1	17.27	17.37	17.31	18.4	0.0
50	256QAM	1	1	17.35	17.32	17.33	18.4	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.28	17.36	17.32	18.4	0.0
Channel				503500	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.37	17.41	17.30	18.4	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.35	17.33	17.33	18.4	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.39	17.34	17.37	18.4	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.39	17.30	17.39	18.4	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.26	17.35	17.37	18.4	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.28	17.41	17.27	18.4	0.0

n26_Ant 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				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	23.85	23.87	23.83	24.7	0.0
20	PI/2 BPSK	1	53	23.81	23.75	23.76		
20	PI/2 BPSK	1	104	23.77	23.85	23.76		
20	PI/2 BPSK	50	0	23.43	23.44	23.40	24.2	0.5
20	PI/2 BPSK	50	28	23.83	23.85	23.81	24.7	0.0
20	PI/2 BPSK	50	56	23.34	23.32	23.35	24.2	0.5
20	PI/2 BPSK	100	0	23.31	23.35	23.39		
20	QPSK	1	1	23.89	23.90	23.87	24.7	0.0
20	QPSK	1	53	23.82	23.86	23.85		
20	QPSK	1	104	23.87	23.82	23.80		
20	QPSK	50	0	22.78	22.80	22.77	23.7	1.0
20	QPSK	50	28	23.86	23.88	23.85	24.7	0.0
20	QPSK	50	56	22.77	22.77	22.82	23.7	1.0
20	QPSK	100	0	22.86	22.88	22.85		
20	16QAM	1	1	22.58	22.60	22.58	23.7	1.0
20	64QAM	1	1	21.10	21.16	21.03	22.2	2.5
20	256QAM	1	1	19.74	19.80	19.75	20.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.82	23.82	23.78	24.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.75	23.86	23.78	24.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.80	23.84	23.70	24.7	0.0

n26_Ant 31

BW [MHz]	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	24.05	24.07	24.03	25.0	0.0
20	PI/2 BPSK	1	53	23.90	23.99	24.01		
20	PI/2 BPSK	1	104	23.92	24.04	23.99		
20	PI/2 BPSK	50	0	23.63	23.65	23.60	24.5	0.5
20	PI/2 BPSK	50	28	24.03	24.05	24.01	25.0	0.0
20	PI/2 BPSK	50	56	23.61	23.64	23.47	24.5	0.5
20	PI/2 BPSK	100	0	23.62	23.61	23.47		
20	QPSK	1	1	24.08	24.10	24.07	25.0	0.0
20	QPSK	1	53	23.94	24.08	24.00		
20	QPSK	1	104	24.04	24.02	24.00		
20	QPSK	50	0	23.02	22.98	22.98	24.0	1.0
20	QPSK	50	28	24.06	24.08	24.05	25.0	0.0
20	QPSK	50	56	22.94	23.01	22.90	24.0	1.0
20	QPSK	100	0	23.05	23.06	23.03		
20	16QAM	1	1	22.80	22.85	22.83	24.0	1.0
20	64QAM	1	1	21.23	21.38	21.23	22.5	2.5
20	256QAM	1	1	19.88	20.02	19.88	20.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	24.02	24.00	23.98	25.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.96	23.97	23.92	25.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.96	24.00	23.93	25.0	0.0

n66_Ant 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.63	17.56	17.56	18.7	0.0
40	PI/2 BPSK	1	108	17.62	17.59	17.50		
40	PI/2 BPSK	1	214	17.52	17.62	17.62		
40	PI/2 BPSK	108	0	17.59	17.65	17.61	18.7	0.0
40	PI/2 BPSK	108	54	17.61	17.63	17.55	18.7	0.0
40	PI/2 BPSK	108	108	17.59	17.58	17.52	18.7	0.0
40	PI/2 BPSK	216	0	17.61	17.57	17.56		
40	QPSK	1	1	17.70	17.72	17.69	18.7	0.0
40	QPSK	1	108	17.54	17.65	17.59		
40	QPSK	1	214	17.63	17.66	17.57		
40	QPSK	108	0	17.57	17.63	17.62	18.7	0.0
40	QPSK	108	54	17.68	17.70	17.67	18.7	0.0
40	QPSK	108	108	17.64	17.53	17.61	18.7	0.0
40	QPSK	216	0	17.67	17.68	17.65		
40	16QAM	1	1	17.56	17.60	17.54	18.7	0.0
40	64QAM	1	1	17.63	17.64	17.57	18.7	0.0
40	256QAM	1	1	17.58	17.67	17.64	18.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.62	17.65	17.63	18.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.64	17.59	17.60	18.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.59	17.57	17.64	18.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.63	17.60	17.61	18.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.60	17.55	17.56	18.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.63	17.66	17.51	18.7	0.0

n66_Ant 31

BW [MHz]	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	19.17	19.16	19.12	20.4	0.0
40	PI/2 BPSK	1	108	19.27	19.24	19.22		
40	PI/2 BPSK	1	214	19.24	19.20	19.26		
40	PI/2 BPSK	108	0	19.24	19.29	19.17	20.4	0.0
40	PI/2 BPSK	108	54	19.22	19.20	19.26	20.4	0.0
40	PI/2 BPSK	108	108	19.18	19.22	19.19	20.4	0.0
40	PI/2 BPSK	216	0	19.21	19.16	19.24		
40	QPSK	1	1	19.31	19.33	19.30	20.4	0.0
40	QPSK	1	108	19.20	19.22	19.21		
40	QPSK	1	214	19.24	19.22	19.21		
40	QPSK	108	0	19.25	19.28	19.18	20.4	0.0
40	QPSK	108	54	19.30	19.31	19.28	20.4	0.0
40	QPSK	108	108	19.14	19.19	19.13	20.4	0.0
40	QPSK	216	0	19.28	19.30	19.27		
40	16QAM	1	1	19.14	19.16	19.23	20.4	0.0
40	64QAM	1	1	19.22	19.24	19.20	20.4	0.0
40	256QAM	1	1	19.23	19.17	19.16	20.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.13	19.18	19.15	20.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.22	19.26	19.19	20.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.17	19.18	19.13	20.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.23	19.22	19.16	20.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.14	19.23	19.26	20.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.19	19.26	19.17	20.4	0.0

n66_Ant 11									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.30	17.30	17.38	18.4	0.0
40	PI/2 BPSK	1	108	17.30	17.36	17.38		
40	PI/2 BPSK	1	214	17.32	17.37	17.40		
40	PI/2 BPSK	108	0	17.38	17.36	17.32	18.4	0.0
40	PI/2 BPSK	108	54	17.29	17.42	17.39	18.4	0.0
40	PI/2 BPSK	108	108	17.41	17.41	17.27	18.4	0.0
40	PI/2 BPSK	216	0	17.34	17.43	17.37		
40	QPSK	1	1	17.46	17.48	17.44	18.4	0.0
40	QPSK	1	108	17.31	17.39	17.27		
40	QPSK	1	214	17.40	17.34	17.32		
40	QPSK	108	0	17.28	17.37	17.26	18.4	0.0
40	QPSK	108	54	17.45	17.46	17.43	18.4	0.0
40	QPSK	108	108	17.42	17.37	17.28	18.4	0.0
40	QPSK	216	0	17.43	17.45	17.41		
40	16QAM	1	1	17.31	17.44	17.30	18.4	0.0
40	64QAM	1	1	17.34	17.35	17.26	18.4	0.0
40	256QAM	1	1	17.36	17.31	17.30	18.4	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.31	17.40	17.28	18.4	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.39	17.30	17.26	18.4	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.42	17.42	17.39	18.4	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.36	17.33	17.30	18.4	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.31	17.34	17.30	18.4	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.28	17.43	17.26	18.4	0.0

n38_Ant 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	13.99	14.02	14.09		
40	PI/2 BPSK	1	53	14.01	14.10	14.08	15.2	0.0
40	PI/2 BPSK	1	104	14.07	14.05	14.06		
40	PI/2 BPSK	50	0	14.05	14.09	13.96	15.2	0.0
40	PI/2 BPSK	50	28	14.04	14.14	13.97	15.2	0.0
40	PI/2 BPSK	50	56	14.08	14.05	14.01	15.2	0.0
40	PI/2 BPSK	100	0	14.04	14.01	14.04		
40	QPSK	1	1	14.16	14.18	14.14		
40	QPSK	1	53	14.05	14.06	14.06	15.2	0.0
40	QPSK	1	104	14.10	14.13	14.03		
40	QPSK	50	0	13.98	14.12	14.10	15.2	0.0
40	QPSK	50	28	14.15	14.17	14.13	15.2	0.0
40	QPSK	50	56	14.02	14.10	14.08	15.2	0.0
40	QPSK	100	0	14.13	14.15	14.11		
40	16QAM	1	1	14.04	14.05	14.06	15.2	0.0
40	64QAM	1	1	14.00	14.02	14.05	15.2	0.0
40	256QAM	1	1	14.07	14.13	13.99	15.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	14.03	14.08	14.01	15.2	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	14.02	14.01	14.02	15.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.10	14.01	14.06	15.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	14.09	14.13	14.06	15.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	14.04	14.11	14.06	15.2	0.0

n38_Ant 31

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.56	20.60	20.56		
40	PI/2 BPSK	1	53	20.52	20.55	20.54	21.5	0.0
40	PI/2 BPSK	1	104	20.63	20.65	20.52		
40	PI/2 BPSK	50	0	20.57	20.59	20.59	21.5	0.0
40	PI/2 BPSK	50	28	20.54	20.65	20.53	21.5	0.0
40	PI/2 BPSK	50	56	20.62	20.64	20.51	21.5	0.0
40	PI/2 BPSK	100	0	20.53	20.60	20.54		
40	QPSK	1	1	20.68	20.70	20.67		
40	QPSK	1	53	20.57	20.63	20.52	21.5	0.0
40	QPSK	1	104	20.55	20.57	20.53		
40	QPSK	50	0	20.60	20.65	20.50	21.5	0.0
40	QPSK	50	28	20.67	20.68	20.65	21.5	0.0
40	QPSK	50	56	20.60	20.61	20.51	21.5	0.0
40	QPSK	100	0	20.65	20.66	20.63		
40	16QAM	1	1	20.50	20.58	20.61	21.5	0.0
40	64QAM	1	1	20.58	20.56	20.54	21.5	0.0
40	256QAM	1	1	19.34	19.38	19.23	20.0	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.52	20.62	20.59	21.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	20.60	20.58	20.55	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.58	20.51	20.49	21.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.63	20.52	20.57	21.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.62	20.54	20.51	21.5	0.0

n38_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.31	16.32	16.37		
40	PI/2 BPSK	1	53	16.40	16.37	16.38	17.5	0.0
40	PI/2 BPSK	1	104	16.41	16.32	16.35		
40	PI/2 BPSK	50	0	16.34	16.37	16.35	17.5	0.0
40	PI/2 BPSK	50	28	16.40	16.38	16.38	17.5	0.0
40	PI/2 BPSK	50	56	16.39	16.41	16.41	17.5	0.0
40	PI/2 BPSK	100	0	16.41	16.32	16.42		
40	QPSK	1	1	16.48	16.50	16.47		
40	QPSK	1	53	16.37	16.43	16.31	17.5	0.0
40	QPSK	1	104	16.40	16.41	16.39		
40	QPSK	50	0	16.36	16.32	16.34	17.5	0.0
40	QPSK	50	28	16.47	16.48	16.45	17.5	0.0
40	QPSK	50	56	16.31	16.38	16.35	17.5	0.0
40	QPSK	100	0	16.45	16.46	16.43		
40	16QAM	1	1	16.39	16.32	16.33	17.5	0.0
40	64QAM	1	1	16.37	16.36	16.42	17.5	0.0
40	256QAM	1	1	16.44	16.33	16.41	17.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.31	16.31	16.42	17.5	0.0
Channel				516500	519000	521500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.5	2595	2607.5		
25	QPSK	1	1	16.37	16.34	16.38	17.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.43	16.40	16.37	17.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.30	16.34	16.31	17.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.44	16.45	16.39	17.5	0.0

n41_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.97	15.98	15.85		
100	PI/2 BPSK	1	137	15.94	15.96	15.93	17.4	0.0
100	PI/2 BPSK	1	271	15.89	15.96	15.93		
100	PI/2 BPSK	135	0	15.92	15.93	15.87	17.4	0.0
100	PI/2 BPSK	135	69	15.86	15.93	15.92	17.4	0.0
100	PI/2 BPSK	135	138	15.91	15.88	15.83	17.4	0.0
100	PI/2 BPSK	270	0	15.94	15.94	15.96		
100	QPSK	1	1	16.01	16.03	16.00		
100	QPSK	1	137	15.90	15.87	15.92	17.4	0.0
100	QPSK	1	271	15.91	15.86	15.90		
100	QPSK	135	0	15.91	15.92	15.86	17.4	0.0
100	QPSK	135	69	16.00	16.01	15.98	17.4	0.0
100	QPSK	135	138	15.88	15.92	15.93	17.4	0.0
100	QPSK	270	0	15.98	16.00	15.97		
100	16QAM	1	1	15.84	15.97	15.82	17.4	0.0
100	64QAM	1	1	15.83	15.92	15.95	17.4	0.0
100	256QAM	1	1	15.89	15.97	15.82	17.4	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.85	15.98	15.86	17.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.85	15.98	15.86	17.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.89	15.87	15.89	17.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.87	15.85	15.90	17.4	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.97	15.98	15.90	17.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.86	15.96	15.89	17.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.93	15.98	15.91	17.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.86	15.85	15.90	17.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.94	15.92	15.89	17.4	0.0

n41_HPUE_Ant 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.97	15.98	15.85		
100	PI/2 BPSK	1	137	15.94	15.96	15.93	17.4	0.0
100	PI/2 BPSK	1	271	15.89	15.96	15.93		
100	PI/2 BPSK	135	0	15.92	15.93	15.87	17.4	0.0
100	PI/2 BPSK	135	69	15.86	15.93	15.92	17.4	0.0
100	PI/2 BPSK	135	138	15.91	15.88	15.83	17.4	0.0
100	PI/2 BPSK	270	0	15.94	15.94	15.96		
100	QPSK	1	1	16.01	16.03	16.00		
100	QPSK	1	137	15.90	15.87	15.92	17.4	0.0
100	QPSK	1	271	15.91	15.86	15.90		
100	QPSK	135	0	15.91	15.92	15.86	17.4	0.0
100	QPSK	135	69	16.00	16.01	15.98	17.4	0.0
100	QPSK	135	138	15.88	15.92	15.93	17.4	0.0
100	QPSK	270	0	15.98	16.00	15.97		
100	16QAM	1	1	15.84	15.97	15.82	17.4	0.0
100	64QAM	1	1	15.83	15.92	15.95	17.4	0.0
100	256QAM	1	1	15.89	15.97	15.82	17.4	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.85	15.98	15.86	17.4	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	15.85	15.98	15.86	17.4	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	15.89	15.87	15.89	17.4	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	15.87	15.85	15.90	17.4	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	15.97	15.98	15.90	17.4	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	15.86	15.96	15.89	17.4	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	15.93	15.98	15.91	17.4	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	15.86	15.85	15.90	17.4	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	15.94	15.92	15.89	17.4	0.0

n41_Ant 31

BW [MHz]	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	21.86	21.89	21.97		
100	PI/2 BPSK	1	137	21.92	21.94	21.98	23.5	0.0
100	PI/2 BPSK	1	271	21.97	21.98	21.96		
100	PI/2 BPSK	135	0	21.96	21.88	21.89	23.5	0.0
100	PI/2 BPSK	135	69	21.88	21.99	21.86	23.5	0.0
100	PI/2 BPSK	135	138	21.88	21.98	21.98	23.5	0.0
100	PI/2 BPSK	270	0	21.96	21.93	21.87		
100	QPSK	1	1	22.05	22.07	22.03		
100	QPSK	1	137	21.94	21.89	21.99	23.5	0.0
100	QPSK	1	271	21.94	21.92	21.93		
100	QPSK	135	0	21.92	21.91	21.92	23.5	0.0
100	QPSK	135	69	22.03	22.05	22.01	23.5	0.0
100	QPSK	135	138	21.92	22.01	21.97	23.5	0.0
100	QPSK	270	0	22.01	22.03	22.00		
100	16QAM	1	1	21.93	22.01	21.91	23.5	0.0
100	64QAM	1	1	21.97	22.00	21.91	23.5	0.0
100	256QAM	1	1	20.68	20.70	20.67	21.5	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.94	22.00	21.92	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	21.98	21.97	21.86	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	21.88	21.99	21.90	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	21.95	21.96	21.88	23.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.88	22.00	21.86	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	21.89	21.97	21.85	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	21.92	21.89	21.86	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	21.90	21.96	21.96	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	21.94	21.92	21.95	23.5	0.0

n41_HPUE_Ant 31

BW [MHz]	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	21.86	21.89	21.97		
100	PI/2 BPSK	1	137	21.92	21.94	21.98	23.5	0.0
100	PI/2 BPSK	1	271	21.97	21.98	21.96		
100	PI/2 BPSK	135	0	21.96	21.88	21.89	23.5	0.0
100	PI/2 BPSK	135	69	21.88	21.99	21.86	23.5	0.0
100	PI/2 BPSK	135	138	21.88	21.98	21.98	23.5	0.0
100	PI/2 BPSK	270	0	21.96	21.93	21.87		
100	QPSK	1	1	22.05	22.07	22.03		
100	QPSK	1	137	21.94	21.89	21.99	23.5	0.0
100	QPSK	1	271	21.94	21.92	21.93		
100	QPSK	135	0	21.92	21.91	21.92	23.5	0.0
100	QPSK	135	69	22.03	22.05	22.01	23.5	0.0
100	QPSK	135	138	21.92	22.01	21.97	23.5	0.0
100	QPSK	270	0	22.01	22.03	22.00		
100	16QAM	1	1	21.93	22.01	21.91	23.5	0.0
100	64QAM	1	1	21.97	22.00	21.91	23.5	0.0
100	256QAM	1	1	20.68	20.70	20.67	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	21.94	22.00	21.92	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	21.98	21.97	21.86	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	21.88	21.99	21.90	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	21.95	21.96	21.88	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	21.88	22.00	21.86	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	21.89	21.97	21.85	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	21.92	21.89	21.86	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	21.90	21.96	21.96	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	21.94	21.92	21.95	23.5	0.0

n41_Ant 11

BW [MHz]	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	17.34	17.28	17.29		
100	PI/2 BPSK	1	137	17.34	17.29	17.27	19.0	0.0
100	PI/2 BPSK	1	271	17.24	17.26	17.29		
100	PI/2 BPSK	135	0	17.36	17.33	17.33	19.0	0.0
100	PI/2 BPSK	135	69	17.38	17.32	17.24	19.0	0.0
100	PI/2 BPSK	135	138	17.36	17.27	17.35	19.0	0.0
100	PI/2 BPSK	270	0	17.35	17.37	17.30		
100	QPSK	1	1	17.42	17.44	17.40		
100	QPSK	1	137	17.27	17.28	17.25	19.0	0.0
100	QPSK	1	271	17.24	17.29	17.31		
100	QPSK	135	0	17.28	17.31	17.30	19.0	0.0
100	QPSK	135	69	17.40	17.43	17.39	19.0	0.0
100	QPSK	135	138	17.38	17.28	17.34	19.0	0.0
100	QPSK	270	0	17.39	17.40	17.37		
100	16QAM	1	1	17.25	17.27	17.33	19.0	0.0
100	64QAM	1	1	17.34	17.33	17.33	19.0	0.0
100	256QAM	1	1	17.37	17.33	17.31	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	17.27	17.35	17.23	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	17.30	17.25	17.32	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	17.33	17.36	17.27	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	17.34	17.35	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	17.24	17.39	17.24	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	17.34	17.27	17.29	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	17.26	17.27	17.27	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	17.32	17.34	17.24	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	17.28	17.32	17.28	19.0	0.0

n41_HPUE_Ant 11

BW [MHz]	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	17.34	17.28	17.29		
100	PI/2 BPSK	1	137	17.34	17.29	17.27	19.0	0.0
100	PI/2 BPSK	1	271	17.24	17.26	17.29		
100	PI/2 BPSK	135	0	17.36	17.33	17.33	19.0	0.0
100	PI/2 BPSK	135	69	17.38	17.32	17.24	19.0	0.0
100	PI/2 BPSK	135	138	17.36	17.27	17.35	19.0	0.0
100	PI/2 BPSK	270	0	17.35	17.37	17.30		
100	QPSK	1	1	17.42	17.44	17.40		
100	QPSK	1	137	17.27	17.28	17.25	19.0	0.0
100	QPSK	1	271	17.24	17.29	17.31		
100	QPSK	135	0	17.28	17.31	17.30	19.0	0.0
100	QPSK	135	69	17.40	17.43	17.39	19.0	0.0
100	QPSK	135	138	17.38	17.28	17.34	19.0	0.0
100	QPSK	270	0	17.39	17.40	17.37		
100	16QAM	1	1	17.25	17.27	17.33	19.0	0.0
100	64QAM	1	1	17.34	17.33	17.33	19.0	0.0
100	256QAM	1	1	17.37	17.33	17.31	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	17.27	17.35	17.23	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	17.30	17.25	17.32	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	17.33	17.36	17.27	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	17.34	17.35	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	17.24	17.39	17.24	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	17.34	17.27	17.29	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	17.26	17.27	17.27	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	17.32	17.34	17.24	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	17.28	17.32	17.28	19.0	0.0

Part27Q_n77_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.15		17.2	0.0
100	PI/2 BPSK	1	137		16.16			
100	PI/2 BPSK	1	271		16.27			
100	PI/2 BPSK	135	0		16.24		17.2	0.0
100	PI/2 BPSK	135	69		16.21		17.2	0.0
100	PI/2 BPSK	135	138		16.15		17.2	0.0
100	PI/2 BPSK	270	0		16.14			
100	QPSK	1	1		16.31		17.2	0.0
100	QPSK	1	137		16.21			
100	QPSK	1	271		16.22			
100	QPSK	135	0		16.24		17.2	0.0
100	QPSK	135	69		16.30			
100	QPSK	135	138		16.19			
100	QPSK	270	0		16.28		17.2	0.0
100	16QAM	1	1		16.16		17.2	0.0
100	64QAM	1	1		16.26		17.2	0.0
100	256QAM	1	1		16.17		17.2	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.18	16.19	16.22	17.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.16	16.20	16.16	17.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3480.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.15	16.14	16.25	17.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.24	16.14	16.20	17.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.25	16.16	16.22	17.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.17	16.13	16.15	17.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.13	16.21	16.25	17.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	16.18	16.19	16.16	17.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.19	16.24	16.22	17.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	16.23	16.16	16.17	17.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	16.17	16.19	16.19	17.2	0.0

Part27O_n77_Ant 11

BW [MHz]	Modulation	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	16.12	16.18	16.12	17.2	0.0
100	PI/2 BPSK	1	137	16.16	16.13	16.22		
100	PI/2 BPSK	1	271	16.16	16.25	16.23		
100	PI/2 BPSK	135	0	16.12	16.26	16.14	17.2	0.0
100	PI/2 BPSK	135	69	16.19	16.21	16.22	17.2	0.0
100	PI/2 BPSK	135	138	16.21	16.15	16.16	17.2	0.0
100	PI/2 BPSK	270	0	16.15	16.21	16.14		
100	QPSK	1	1	16.30	16.32	16.29	17.2	0.0
100	QPSK	1	137	16.19	16.17	16.19		
100	QPSK	1	271	16.16	16.18	16.10		
100	QPSK	135	0	16.25	16.24	16.16	17.2	0.0
100	QPSK	135	69	16.28	16.30	16.27		
100	QPSK	135	138	16.14	16.23	16.11		
100	QPSK	270	0	16.27	16.28	16.25	17.2	0.0
100	16QAM	1	1	16.26	16.27	16.21	17.2	0.0
100	64QAM	1	1	16.16	16.23	16.15	17.2	0.0
100	256QAM	1	1	16.15	16.19	16.11	17.2	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.26	16.25	16.24	17.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.12	16.21	16.10	17.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.23	16.26	16.21	17.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.20	16.13	16.15	17.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.25	16.15	16.21	17.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.23	16.16	16.19	17.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3710.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.19	16.17	16.21	17.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	16.19	16.19	16.16	17.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.15	16.24	16.13	17.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.17	16.27	16.21	17.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.22	16.22	16.24	17.2	0.0

Part27Q_n77_Ant 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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.60		17.7	0.0
100	PI/2 BPSK	1	137		16.61			
100	PI/2 BPSK	1	271		16.56			
100	PI/2 BPSK	135	0		16.64		17.7	0.0
100	PI/2 BPSK	135	69		16.61		17.7	0.0
100	PI/2 BPSK	135	138		16.54		17.7	0.0
100	PI/2 BPSK	270	0		16.58			
100	QPSK	1	1		16.71		17.7	0.0
100	QPSK	1	137		16.60			
100	QPSK	1	271		16.58			
100	QPSK	135	0		16.53		17.7	0.0
100	QPSK	135	69		16.70			
100	QPSK	135	138		16.54			
100	QPSK	270	0		16.68		17.7	0.0
100	16QAM	1	1		16.63		17.7	0.0
100	64QAM	1	1		16.57		17.7	0.0
100	256QAM	1	1		16.54		17.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.58	16.67	16.53	17.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.60	16.58	16.64	17.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3480.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.56	16.57	16.55	17.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.63	16.58	16.63	17.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.53	16.59	16.66	17.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.62	16.67	16.57	17.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.58	16.62	16.64	17.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	16.58	16.61	16.60	17.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.55	16.61	16.57	17.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	16.55	16.60	16.61	17.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	16.53	16.63	16.61	17.7	0.0

Part27O_n77_Ant 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.64	16.65	16.58	17.7	0.0
100	PI/2 BPSK	1	137	16.64	16.66	16.58		
100	PI/2 BPSK	1	271	16.63	16.57	16.51		
100	PI/2 BPSK	135	0	16.64	16.62	16.59	17.7	0.0
100	PI/2 BPSK	135	69	16.60	16.63	16.50	17.7	0.0
100	PI/2 BPSK	135	138	16.61	16.56	16.60	17.7	0.0
100	PI/2 BPSK	270	0	16.60	16.66	16.54		
100	QPSK	1	1	16.71	16.73	16.69	17.7	0.0
100	QPSK	1	137	16.58	16.56	16.60		
100	QPSK	1	271	16.52	16.69	16.57		
100	QPSK	135	0	16.64	16.59	16.60	17.7	0.0
100	QPSK	135	69	16.70	16.71	16.67		
100	QPSK	135	138	16.52	16.58	16.60		
100	QPSK	270	0	16.67	16.70	16.65	17.7	0.0
100	16QAM	1	1	16.64	16.60	16.62	17.7	0.0
100	64QAM	1	1	16.59	16.62	16.57	17.7	0.0
100	256QAM	1	1	16.61	16.65	16.60	17.7	0.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.52	16.64	16.58	17.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	16.62	16.65	16.52	17.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.66	16.65	16.52	17.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	16.66	16.69	16.59	17.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.65	16.65	16.56	17.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.68	16.66	16.54	17.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3710.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	16.58	16.62	16.60	17.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	16.60	16.64	16.60	17.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	16.56	16.65	16.50	17.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.62	16.63	16.61	17.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	16.53	16.60	16.52	17.7	0.0

Part27Q_n77_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.37		17.2	0.0
100	PI/2 BPSK	1	137		16.37			
100	PI/2 BPSK	1	271		16.40			
100	PI/2 BPSK	135	0		16.32		17.2	0.0
100	PI/2 BPSK	135	69		16.39		17.2	0.0
100	PI/2 BPSK	135	138		16.42			
100	PI/2 BPSK	270	0		16.39		17.2	0.0
100	QPSK	1	1		16.48		17.2	0.0
100	QPSK	1	137		16.30			
100	QPSK	1	271		16.35			
100	QPSK	135	0		16.36		17.2	0.0
100	QPSK	135	69		16.47			
100	QPSK	135	138		16.41			
100	QPSK	270	0		16.45		17.2	0.0
100	16QAM	1	1		16.33		17.2	0.0
100	64QAM	1	1		16.35		17.2	0.0
100	256QAM	1	1		16.25		16.7	0.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	16.33	16.36	16.37	17.2	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	16.40	16.32	16.40	17.2	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	16.44	16.39	16.30	17.2	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	16.42	16.30	16.42	17.2	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	16.43	16.39	16.31	17.2	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	16.38	16.30	16.35	17.2	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	16.30	16.41	16.32	17.2	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	16.40	16.40	16.31	17.2	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	16.31	16.37	16.40	17.2	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	16.33	16.42	16.44	17.2	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	16.42	16.42	16.43	17.2	0.0

Part27O_n77_Ant 21

BW [MHz]	Modulation	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	16.04	16.09	15.93	17.2	0.0
100	PI/2 BPSK	1	137	16.02	16.01	15.93		
100	PI/2 BPSK	1	271	16.08	16.06	15.96		
100	PI/2 BPSK	135	0	15.95	16.01	16.01	17.2	0.0
100	PI/2 BPSK	135	69	16.07	16.03	15.99	17.2	0.0
100	PI/2 BPSK	135	138	15.99	16.10	16.02	17.2	0.0
100	PI/2 BPSK	270	0	16.09	16.11	16.04		
100	QPSK	1	1	16.14	16.16	16.13	17.2	0.0
100	QPSK	1	137	16.00	16.06	16.04		
100	QPSK	1	271	16.08	16.06	15.97		
100	QPSK	135	0	16.02	16.12	15.95		
100	QPSK	135	69	16.13	16.15	16.11	17.2	0.0
100	QPSK	135	138	16.08	16.11	16.04		
100	QPSK	270	0	16.10	16.13	16.08	17.2	0.0
100	16QAM	1	1	15.95	16.00	15.99	17.2	0.0
100	64QAM	1	1	15.97	16.02	16.06	17.2	0.0
100	256QAM	1	1	15.82	15.93	15.79	16.7	0.5
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	16.08	16.11	16.06	17.2	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	15.99	15.98	16.02	17.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	16.09	16.07	16.04	17.2	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	15.96	15.98	16.00	17.2	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	16.00	16.08	15.99	17.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	16.08	16.04	15.94	17.2	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	15.95	16.04	15.96	17.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	16.01	16.07	16.01	17.2	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	15.99	16.02	16.04	17.2	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	16.07	16.12	16.03	17.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	15.98	16.05	16.01	17.2	0.0

Part27Q_n77_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.62		18.7	0.0
100	PI/2 BPSK	1	137		17.62			
100	PI/2 BPSK	1	271		17.59			
100	PI/2 BPSK	135	0		17.54		18.7	0.0
100	PI/2 BPSK	135	69		17.60		18.7	0.0
100	PI/2 BPSK	135	138		17.60			
100	PI/2 BPSK	270	0		17.64		18.7	0.0
100	QPSK	1	1		17.68		18.7	0.0
100	QPSK	1	137		17.59			
100	QPSK	1	271		17.54			
100	QPSK	135	0		17.52		18.7	0.0
100	QPSK	135	69		17.67			
100	QPSK	135	138		17.63			
100	QPSK	270	0		17.65		18.7	0.0
100	16QAM	1	1		17.62		18.7	0.0
100	64QAM	1	1		17.63		18.7	0.0
100	256QAM	1	1		15.95		16.7	2.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.58	17.64	17.63	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.59	17.63	17.61	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.54	17.63	17.52	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.52	17.55	17.57	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.52	17.50	17.52	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.62	17.54	17.52	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.59	17.60	17.55	18.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.62	17.50	17.63	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.52	17.58	17.51	18.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.53	17.57	17.64	18.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.57	17.57	17.55	18.7	0.0

Part27O_n77_Ant 23

BW [MHz]	Modulation	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	17.25	17.33	17.33	18.7	0.0
100	PI/2 BPSK	1	137	17.36	17.39	17.33		
100	PI/2 BPSK	1	271	17.26	17.27	17.32		
100	PI/2 BPSK	135	0	17.23	17.37	17.30	18.7	0.0
100	PI/2 BPSK	135	69	17.33	17.30	17.34	18.7	0.0
100	PI/2 BPSK	135	138	17.26	17.34	17.23	18.7	0.0
100	PI/2 BPSK	270	0	17.26	17.37	17.32		
100	QPSK	1	1	17.42	17.43	17.40	18.7	0.0
100	QPSK	1	137	17.34	17.38	17.30		
100	QPSK	1	271	17.34	17.32	17.27		
100	QPSK	135	0	17.25	17.26	17.24	18.7	0.0
100	QPSK	135	69	17.40	17.41	17.36		
100	QPSK	135	138	17.31	17.26	17.28		
100	QPSK	270	0	17.38	17.40	17.37	18.7	0.0
100	16QAM	1	1	17.34	17.32	17.28	18.7	0.0
100	64QAM	1	1	17.30	17.37	17.34	18.7	0.0
100	256QAM	1	1	15.58	15.65	15.56	16.7	2.0
Channel				649668	656000	662332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	QPSK	1	1	17.29	17.28	17.32	18.7	0.0
Channel				649334	656000	662666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)
80	QPSK	1	1	17.32	17.33	17.28	18.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	QPSK	1	1	17.28	17.25	17.36	18.7	0.0
Channel				648668	656000	663332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)
60	QPSK	1	1	17.24	17.25	17.29	18.7	0.0
Channel				648334	656000	663666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)
50	QPSK	1	1	17.28	17.31	17.28	18.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	1	17.30	17.34	17.29	18.7	0.0
Channel				647668	656000	664332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)
30	QPSK	1	1	17.35	17.37	17.27	18.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3840	3967.5	(dBm)	(dB)
25	QPSK	1	1	17.28	17.31	17.31	18.7	0.0
Channel				647334	656000	664666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)
20	QPSK	1	1	17.23	17.32	17.25	18.7	0.0
Channel				647168	656000	664832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3840	3972.48	(dBm)	(dB)
15	QPSK	1	1	17.33	17.30	17.28	18.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)
10	QPSK	1	1	17.26	17.36	17.34	18.7	0.0

Part27Q_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.39		16.4	0.0
100	PI/2 BPSK	1	137		15.37			
100	PI/2 BPSK	1	271		15.41			
100	PI/2 BPSK	135	0		15.32		16.4	0.0
100	PI/2 BPSK	135	69		15.36		16.4	0.0
100	PI/2 BPSK	135	138		15.44		16.4	0.0
100	PI/2 BPSK	270	0		15.39			
100	QPSK	1	1		15.48		16.4	0.0
100	QPSK	1	137		15.43			
100	QPSK	1	271		15.35			
100	QPSK	135	0		15.33		16.4	0.0
100	QPSK	135	69		15.47			
100	QPSK	135	138		15.31			
100	QPSK	270	0		15.45		16.4	0.0
100	16QAM	1	1		15.44		16.4	0.0
100	64QAM	1	1		15.42		16.4	0.0
100	256QAM	1	1		15.30		16.4	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.35	15.37	15.39	16.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.30	15.37	15.32	16.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.33	15.37	15.39	16.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.43	15.32	15.34	16.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.32	15.39	15.43	16.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.42	15.35	15.31	16.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.40	15.43	15.41	16.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	15.35	15.40	15.32	16.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.42	15.32	15.31	16.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	15.35	15.41	15.36	16.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	15.44	15.40	15.30	16.4	0.0

Part27Q_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.39		16.4	0.0
100	PI/2 BPSK	1	137		15.37			
100	PI/2 BPSK	1	271		15.41			
100	PI/2 BPSK	135	0		15.32		16.4	0.0
100	PI/2 BPSK	135	69		15.36		16.4	0.0
100	PI/2 BPSK	135	138		15.44		16.4	0.0
100	PI/2 BPSK	270	0		15.39			
100	QPSK	1	1		15.48		16.4	0.0
100	QPSK	1	137		15.43			
100	QPSK	1	271		15.35			
100	QPSK	135	0		15.33		16.4	0.0
100	QPSK	135	69		15.47			
100	QPSK	135	138		15.31			
100	QPSK	270	0		15.45		16.4	0.0
100	16QAM	1	1		15.44		16.4	0.0
100	64QAM	1	1		15.42		16.4	0.0
100	256QAM	1	1		15.30		16.4	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	15.35	15.37	15.39	16.4	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	15.30	15.37	15.32	16.4	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	15.33	15.37	15.39	16.4	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	15.43	15.32	15.34	16.4	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	15.32	15.39	15.43	16.4	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	15.42	15.35	15.31	16.4	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	15.40	15.43	15.41	16.4	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	15.35	15.40	15.32	16.4	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	15.42	15.32	15.31	16.4	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	15.35	15.41	15.36	16.4	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	15.44	15.40	15.30	16.4	0.0

Part27O_n78_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.13		16.4	0.0
100	PI/2 BPSK	1	137		15.10			
100	PI/2 BPSK	1	271		15.10			
100	PI/2 BPSK	135	0		15.13		16.4	0.0
100	PI/2 BPSK	135	69		15.09		16.4	0.0
100	PI/2 BPSK	135	138		15.14		16.4	0.0
100	PI/2 BPSK	270	0		15.07			
100	QPSK	1	1		15.24		16.4	0.0
100	QPSK	1	137		15.18			
100	QPSK	1	271		15.08			
100	QPSK	135	0		15.10		16.4	0.0
100	QPSK	135	69		15.21			
100	QPSK	135	138		15.11			
100	QPSK	270	0		15.20		16.4	0.0
100	16QAM	1	1		15.13		16.4	0.0
100	64QAM	1	1		15.09		16.4	0.0
100	256QAM	1	1		15.06		16.4	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.05	15.11	15.15	16.4	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.17	15.07	15.11	16.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.11	15.15	15.15	16.4	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.17	15.09	15.18	16.4	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.15	15.08	15.05	16.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.12	15.17	15.17	16.4	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.12	15.17	15.17	16.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	15.11	15.16	15.15	16.4	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.06	15.10	15.18	16.4	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	15.07	15.11	15.12	16.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	15.06	15.07	15.08	16.4	0.0

Part27O_n78_HPUE_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.13		16.4	0.0
100	PI/2 BPSK	1	137		15.10			
100	PI/2 BPSK	1	271		15.10			
100	PI/2 BPSK	135	0		15.13		16.4	0.0
100	PI/2 BPSK	135	69		15.09		16.4	0.0
100	PI/2 BPSK	135	138		15.14		16.4	0.0
100	PI/2 BPSK	270	0		15.07			
100	QPSK	1	1		15.24		16.4	0.0
100	QPSK	1	137		15.18			
100	QPSK	1	271		15.08			
100	QPSK	135	0		15.10		16.4	0.0
100	QPSK	135	69		15.21			
100	QPSK	135	138		15.11			
100	QPSK	270	0		15.20		16.4	0.0
100	16QAM	1	1		15.13		16.4	0.0
100	64QAM	1	1		15.09		16.4	0.0
100	256QAM	1	1		15.06		16.4	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	15.05	15.11	15.15	16.4	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	15.17	15.07	15.11	16.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	15.11	15.15	15.15	16.4	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	15.17	15.09	15.18	16.4	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	15.15	15.08	15.05	16.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	15.12	15.17	15.17	16.4	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	15.12	15.17	15.17	16.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	15.11	15.16	15.15	16.4	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	15.06	15.10	15.18	16.4	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	15.07	15.11	15.12	16.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	15.06	15.07	15.08	16.4	0.0

Part27Q_n78_Ant 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.04		18.7	0.0
100	PI/2 BPSK	1	137		17.14			
100	PI/2 BPSK	1	271		17.15			
100	PI/2 BPSK	135	0		17.15		18.7	0.0
100	PI/2 BPSK	135	69		17.15		18.7	0.0
100	PI/2 BPSK	135	138		17.16		18.7	0.0
100	PI/2 BPSK	270	0		17.05			
100	QPSK	1	1		17.21		18.7	0.0
100	QPSK	1	137		17.11			
100	QPSK	1	271		17.06			
100	QPSK	135	0		17.06		18.7	0.0
100	QPSK	135	69		17.20			
100	QPSK	135	138		17.09			
100	QPSK	270	0		17.18		18.7	0.0
100	16QAM	1	1		17.11		18.7	0.0
100	64QAM	1	1		17.07		18.7	0.0
100	256QAM	1	1		17.10		18.7	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.08	17.10	17.05	18.7	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.07	17.17	17.14	18.7	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.10	17.07	17.03	18.7	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.03	17.16	17.12	18.7	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.07	17.16	17.05	18.7	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.15	17.09	17.16	18.7	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.12	17.07	17.04	18.7	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.10	17.15	17.13	18.7	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	17.04	17.09	17.15	18.7	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.15	17.15	17.07	18.7	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.12	17.14	17.14	18.7	0.0

Part27Q_n78_HPUE_Ant 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				633332			
	Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		17.04		18.7	0.0
100	PI/2 BPSK	1	137		17.14			
100	PI/2 BPSK	1	271		17.15			
100	PI/2 BPSK	135	0		17.15		18.7	0.0
100	PI/2 BPSK	135	69		17.15		18.7	0.0
100	PI/2 BPSK	135	138		17.16		18.7	0.0
100	PI/2 BPSK	270	0		17.05			
100	QPSK	1	1		17.21		18.7	0.0
100	QPSK	1	137		17.11			
100	QPSK	1	271		17.06			
100	QPSK	135	0		17.06		18.7	0.0
100	QPSK	135	69		17.20			
100	QPSK	135	138		17.09			
100	QPSK	270	0		17.18		18.7	0.0
100	16QAM	1	1		17.11		18.7	0.0
100	64QAM	1	1		17.07		18.7	0.0
100	256QAM	1	1		17.10		18.7	0.0
	Channel			633000	633332	633666	Tune-up limit	MPR
	Frequency (MHz)			3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.08	17.10	17.05	18.7	0.0
	Channel			632668	633332	634000	Tune-up limit	MPR
	Frequency (MHz)			3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.07	17.17	17.14	18.7	0.0
	Channel			632334	633332	634332	Tune-up limit	MPR
	Frequency (MHz)			3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.10	17.07	17.03	18.7	0.0
	Channel			632000	633332	634666	Tune-up limit	MPR
	Frequency (MHz)			3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.03	17.16	17.12	18.7	0.0
	Channel			631668	633332	635000	Tune-up limit	MPR
	Frequency (MHz)			3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.07	17.16	17.05	18.7	0.0
	Channel			631334	633332	635332	Tune-up limit	MPR
	Frequency (MHz)			3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.15	17.09	17.16	18.7	0.0
	Channel			631000	633332	635666	Tune-up limit	MPR
	Frequency (MHz)			3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.12	17.07	17.04	18.7	0.0
	Channel			630834	633332	635832	Tune-up limit	MPR
	Frequency (MHz)			3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.10	17.15	17.13	18.7	0.0
	Channel			630668	633332	636000	Tune-up limit	MPR
	Frequency (MHz)			3440.02	3499.98	3560	(dBm)	(dB)
20	QPSK	1	1	17.04	17.09	17.15	18.7	0.0
	Channel			630500	633332	636166	Tune-up limit	MPR
	Frequency (MHz)			3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.15	17.15	17.07	18.7	0.0
	Channel			630334	633332	636332	Tune-up limit	MPR
	Frequency (MHz)			3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.12	17.14	17.14	18.7	0.0

Part27O_n78_Ant 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				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		17.08		18.7	0.0
100	PI/2 BPSK	1	137		16.97			
100	PI/2 BPSK	1	271		17.00			
100	PI/2 BPSK	135	0		17.01		18.7	0.0
100	PI/2 BPSK	135	69		16.95		18.7	0.0
100	PI/2 BPSK	135	138		17.09		18.7	0.0
100	PI/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.13		18.7	0.0
100	QPSK	1	137		16.97			
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.01		18.7	0.0
100	QPSK	135	69		17.11			
100	QPSK	135	138		17.02			
100	QPSK	270	0		17.10		18.7	0.0
100	16QAM	1	1		17.00		18.7	0.0
100	64QAM	1	1		17.00		18.7	0.0
100	256QAM	1	1		17.06		18.7	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.95	16.99	16.96	18.7	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.05	17.00	16.98	18.7	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.04	17.07	16.95	18.7	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.03	17.01	16.97	18.7	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.05	17.07	17.02	18.7	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.09	17.05	17.01	18.7	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.09	16.98	17.01	18.7	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.01	16.95	17.00	18.7	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.01	16.98	17.00	18.7	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.08	16.97	17.00	18.7	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.99	16.95	16.99	18.7	0.0

Part27O_n78_HPUE_Ant 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				650000			
	Frequency (MHz)				3750			
100	PI/2 BPSK	1	1		17.08		18.7	0.0
100	PI/2 BPSK	1	137		16.97			
100	PI/2 BPSK	1	271		17.00			
100	PI/2 BPSK	135	0		17.01		18.7	0.0
100	PI/2 BPSK	135	69		16.95		18.7	0.0
100	PI/2 BPSK	135	138		17.09		18.7	0.0
100	PI/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.13		18.7	0.0
100	QPSK	1	137		16.97			
100	QPSK	1	271		17.09			
100	QPSK	135	0		17.01		18.7	0.0
100	QPSK	135	69		17.11			
100	QPSK	135	138		17.02			
100	QPSK	270	0		17.10		18.7	0.0
100	16QAM	1	1		17.00		18.7	0.0
100	64QAM	1	1		17.00		18.7	0.0
100	256QAM	1	1		17.06		18.7	0.0
	Channel			649668	650000	650332	Tune-up limit	MPR
	Frequency (MHz)			3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	16.95	16.99	16.96	18.7	0.0
	Channel			649334	650000	650666	Tune-up limit	MPR
	Frequency (MHz)			3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.05	17.00	16.98	18.7	0.0
	Channel			649000	650000	651000	Tune-up limit	MPR
	Frequency (MHz)			3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.04	17.07	16.95	18.7	0.0
	Channel			648668	650000	651332	Tune-up limit	MPR
	Frequency (MHz)			3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.03	17.01	16.97	18.7	0.0
	Channel			648334	650000	651666	Tune-up limit	MPR
	Frequency (MHz)			3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.05	17.07	17.02	18.7	0.0
	Channel			648000	650000	652000	Tune-up limit	MPR
	Frequency (MHz)			3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.09	17.05	17.01	18.7	0.0
	Channel			647668	650000	652332	Tune-up limit	MPR
	Frequency (MHz)			3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.09	16.98	17.01	18.7	0.0
	Channel			647500	650000	652500	Tune-up limit	MPR
	Frequency (MHz)			3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.01	16.95	17.00	18.7	0.0
	Channel			647334	650000	652666	Tune-up limit	MPR
	Frequency (MHz)			3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.01	16.98	17.00	18.7	0.0
	Channel			647168	650000	652832	Tune-up limit	MPR
	Frequency (MHz)			3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.08	16.97	17.00	18.7	0.0
	Channel			647000	650000	653000	Tune-up limit	MPR
	Frequency (MHz)			3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	16.99	16.95	16.99	18.7	0.0

Part27Q_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.96		18.7	0.0
100	PI/2 BPSK	1	137		17.92			
100	PI/2 BPSK	1	271		17.94			
100	PI/2 BPSK	135	0		17.95		18.7	0.0
100	PI/2 BPSK	135	69		17.97		18.7	0.0
100	PI/2 BPSK	135	138		17.94		18.7	0.0
100	PI/2 BPSK	270	0		17.94			
100	QPSK	1	1		18.03		18.7	0.0
100	QPSK	1	137		17.94			
100	QPSK	1	271		17.97			
100	QPSK	135	0		17.95		18.7	0.0
100	QPSK	135	69		18.01			
100	QPSK	135	138		17.93			
100	QPSK	270	0		18.00		18.7	0.0
100	16QAM	1	1		17.91		18.7	0.0
100	64QAM	1	1		17.90		18.7	0.0
100	256QAM	1	1		17.85		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.97	17.93	17.88	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.94	17.91	17.96	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.92	17.86	17.96	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.91	17.94	17.99	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.91	17.87	17.91	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.90	17.90	17.96	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.95	17.88	17.91	18.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.99	17.95	17.88	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3542	(dBm)	(dB)
20	QPSK	1	1	17.85	17.94	17.87	18.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.87	17.90	17.92	18.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.86	17.89	17.92	18.7	0.0

Part27Q_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.96		18.7	0.0
100	PI/2 BPSK	1	137		17.92			
100	PI/2 BPSK	1	271		17.94			
100	PI/2 BPSK	135	0		17.95		18.7	0.0
100	PI/2 BPSK	135	69		17.97		18.7	0.0
100	PI/2 BPSK	135	138		17.94		18.7	0.0
100	PI/2 BPSK	270	0		17.94			
100	QPSK	1	1		18.03		18.7	0.0
100	QPSK	1	137		17.94			
100	QPSK	1	271		17.97			
100	QPSK	135	0		17.95		18.7	0.0
100	QPSK	135	69		18.01			
100	QPSK	135	138		17.93			
100	QPSK	270	0		18.00		18.7	0.0
100	16QAM	1	1		17.91		18.7	0.0
100	64QAM	1	1		17.90		18.7	0.0
100	256QAM	1	1		17.85		18.7	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	17.97	17.93	17.88	18.7	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	17.94	17.91	17.96	18.7	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	17.92	17.86	17.96	18.7	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	17.91	17.94	17.99	18.7	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	17.91	17.87	17.91	18.7	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	17.90	17.90	17.96	18.7	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	17.95	17.88	17.91	18.7	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3452.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	17.99	17.95	17.88	18.7	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3440.02	3499.98	3560	(dBm)	(dB)
20	QPSK	1	1	17.85	17.94	17.87	18.7	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	17.87	17.90	17.92	18.7	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	17.86	17.89	17.92	18.7	0.0

Part27O_n78_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.47		18.7	0.0
100	PI/2 BPSK	1	137		17.40			
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	135	0		17.43		18.7	0.0
100	PI/2 BPSK	135	69		17.44		18.7	0.0
100	PI/2 BPSK	135	138		17.53		18.7	0.0
100	PI/2 BPSK	270	0		17.43			
100	QPSK	1	1		17.58		18.7	0.0
100	QPSK	1	137		17.41			
100	QPSK	1	271		17.47			
100	QPSK	135	0		17.50		18.7	0.0
100	QPSK	135	69		17.57			
100	QPSK	135	138		17.40			
100	QPSK	270	0		17.55		18.7	0.0
100	16QAM	1	1		17.49		18.7	0.0
100	64QAM	1	1		17.42		18.7	0.0
100	256QAM	1	1		17.48		18.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.52	17.45	17.50	18.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.46	17.43	17.53	18.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.41	17.42	17.47	18.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.48	17.49	17.47	18.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.52	17.52	17.45	18.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.43	17.42	17.47	18.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.53	17.45	17.47	18.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.47	17.40	17.49	18.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.42	17.47	17.44	18.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.40	17.49	17.42	18.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.53	17.51	17.52	18.7	0.0

Part27O_n78_HPUE_Ant 21

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.47		18.7	0.0
100	PI/2 BPSK	1	137		17.40			
100	PI/2 BPSK	1	271		17.42			
100	PI/2 BPSK	135	0		17.43		18.7	0.0
100	PI/2 BPSK	135	69		17.44		18.7	0.0
100	PI/2 BPSK	135	138		17.53		18.7	0.0
100	PI/2 BPSK	270	0		17.43			
100	QPSK	1	1		17.58		18.7	0.0
100	QPSK	1	137		17.41			
100	QPSK	1	271		17.47			
100	QPSK	135	0		17.50		18.7	0.0
100	QPSK	135	69		17.57			
100	QPSK	135	138		17.40			
100	QPSK	270	0		17.55		18.7	0.0
100	16QAM	1	1		17.49		18.7	0.0
100	64QAM	1	1		17.42		18.7	0.0
100	256QAM	1	1		17.48		18.7	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.52	17.45	17.50	18.7	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.46	17.43	17.53	18.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.41	17.42	17.47	18.7	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.48	17.49	17.47	18.7	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.52	17.52	17.45	18.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.43	17.42	17.47	18.7	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)
30	QPSK	1	1	17.53	17.45	17.47	18.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.47	17.40	17.49	18.7	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.42	17.47	17.44	18.7	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.40	17.49	17.42	18.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.53	17.51	17.52	18.7	0.0

Part27Q_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.03			
100	PI/2 BPSK	1	137		18.12		19.5	0.0
100	PI/2 BPSK	1	271		18.12			
100	PI/2 BPSK	135	0		18.17		19.5	0.0
100	PI/2 BPSK	135	69		18.06		19.5	0.0
100	PI/2 BPSK	135	138		18.16		19.5	0.0
100	PI/2 BPSK	270	0		18.06			
100	QPSK	1	1		18.21		19.5	0.0
100	QPSK	1	137		18.14			
100	QPSK	1	271		18.07			
100	QPSK	135	0		18.10		19.5	0.0
100	QPSK	135	69		18.20			
100	QPSK	135	138		18.16			
100	QPSK	270	0		18.18		19.5	0.0
100	16QAM	1	1		18.05		19.5	0.0
100	64QAM	1	1		18.10		19.5	0.0
100	256QAM	1	1		18.13		19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.15	18.06	18.06	19.5	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.05	18.13	18.08	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.03	18.16	18.13	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.17	18.08	18.11	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.11	18.06	18.06	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.17	18.12	18.08	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3466	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.05	18.13	18.14	19.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.08	18.06	18.14	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.04	18.15	18.14	19.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.12	18.13	18.04	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.16	18.09	18.12	19.5	0.0

Part27Q_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.03			
100	PI/2 BPSK	1	137		18.12		19.5	0.0
100	PI/2 BPSK	1	271		18.12			
100	PI/2 BPSK	135	0		18.17		19.5	0.0
100	PI/2 BPSK	135	69		18.06		19.5	0.0
100	PI/2 BPSK	135	138		18.16		19.5	0.0
100	PI/2 BPSK	270	0		18.06			
100	QPSK	1	1		18.21		19.5	0.0
100	QPSK	1	137		18.14			
100	QPSK	1	271		18.07			
100	QPSK	135	0		18.10		19.5	0.0
100	QPSK	135	69		18.20			
100	QPSK	135	138		18.16			
100	QPSK	270	0		18.18		19.5	0.0
100	16QAM	1	1		18.05		19.5	0.0
100	64QAM	1	1		18.10		19.5	0.0
100	256QAM	1	1		18.13		19.5	0.0
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	18.15	18.06	18.06	19.5	0.0
Channel				632668	633332	634002	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	18.05	18.13	18.08	19.5	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	18.03	18.16	18.13	19.5	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	18.17	18.08	18.11	19.5	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	18.11	18.06	18.06	19.5	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	18.17	18.12	18.08	19.5	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3466	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	18.05	18.13	18.14	19.5	0.0
Channel				630834	633332	635832	Tune-up limit	MPR
Frequency (MHz)				3462.51	3499.98	3537.48	(dBm)	(dB)
25	QPSK	1	1	18.08	18.06	18.14	19.5	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	18.04	18.15	18.14	19.5	0.0
Channel				630500	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	18.12	18.13	18.04	19.5	0.0
Channel				630334	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	18.16	18.09	18.12	19.5	0.0

Part27O_n78_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.52			
100	PI/2 BPSK	1	137		17.56		19.5	0.0
100	PI/2 BPSK	1	271		17.52			
100	PI/2 BPSK	135	0		17.58		19.5	0.0
100	PI/2 BPSK	135	69		17.64		19.5	0.0
100	PI/2 BPSK	135	138		17.60		19.5	0.0
100	PI/2 BPSK	270	0		17.58			
100	QPSK	1	1		17.68		19.5	0.0
100	QPSK	1	137		17.56			
100	QPSK	1	271		17.55			
100	QPSK	135	0		17.51		19.5	0.0
100	QPSK	135	69		17.67			
100	QPSK	135	138		17.52			
100	QPSK	270	0		17.65		19.5	0.0
100	16QAM	1	1		17.50		19.5	0.0
100	64QAM	1	1		17.58		19.5	0.0
100	256QAM	1	1		17.58		19.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.55	17.63	17.58	19.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.52	17.58	17.50	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.61	17.52	17.61	19.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.53	17.50	17.55	19.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.55	17.51	17.52	19.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.58	17.55	17.53	19.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3714.02	3750	3785.98	(dBm)	(dB)
30	QPSK	1	1	17.63	17.57	17.61	19.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.54	17.58	17.52	19.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.59	17.57	17.53	19.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.42	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.64	17.60	17.51	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.54	17.51	17.60	19.5	0.0

Part27O_n78_HPUE_Ant 23

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.52			
100	PI/2 BPSK	1	137		17.56		19.5	0.0
100	PI/2 BPSK	1	271		17.52			
100	PI/2 BPSK	135	0		17.58		19.5	0.0
100	PI/2 BPSK	135	69		17.64		19.5	0.0
100	PI/2 BPSK	135	138		17.60		19.5	0.0
100	PI/2 BPSK	270	0		17.58			
100	QPSK	1	1		17.68		19.5	0.0
100	QPSK	1	137		17.56			
100	QPSK	1	271		17.55			
100	QPSK	135	0		17.51		19.5	0.0
100	QPSK	135	69		17.67			
100	QPSK	135	138		17.52			
100	QPSK	270	0		17.65		19.5	0.0
100	16QAM	1	1		17.50		19.5	0.0
100	64QAM	1	1		17.58		19.5	0.0
100	256QAM	1	1		17.58		19.5	0.0
Channel				649668	650000	650332	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)
90	QPSK	1	1	17.55	17.63	17.58	19.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)
80	QPSK	1	1	17.52	17.58	17.50	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	1	17.61	17.52	17.61	19.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)
60	QPSK	1	1	17.53	17.50	17.55	19.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)
50	QPSK	1	1	17.55	17.51	17.52	19.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	17.58	17.55	17.53	19.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR
Frequency (MHz)				3714.02	3750	3785.98	(dBm)	(dB)
30	QPSK	1	1	17.63	17.57	17.61	19.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)
25	QPSK	1	1	17.54	17.58	17.52	19.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)
20	QPSK	1	1	17.59	17.57	17.53	19.5	0.0
Channel				647168	650000	652832	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)
15	QPSK	1	1	17.64	17.60	17.51	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	1	17.54	17.51	17.60	19.5	0.0

<WLAN 2.4GHz_FCC>

					Full Power		Head_Standalone		Head_Simultaneous		Body_Standalone/ Simultaneous / Hotspot on		Duty Cycle %
					Ant 22		Ant 22		Ant 22		Ant 22		
	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	Full	15.10	**17.00**	15.10	**17.00**	13.61	**15.50**	15.10	**17.00**	99.58
		6	2437	Full	15.20	**17.00**	15.20	**17.00**	13.70	**15.50**	15.20	**17.00**	
		11	2462	Full	15.10	**17.00**	15.10	**17.00**	13.61	**15.50**	15.10	**17.00**	
	802.11g 6Mbps	1	2412	Full	13.10	**15.00**	13.10	**15.00**		**15.00**	13.10	**15.00**	97.20
		6	2437	Full	15.30	**17.00**	15.30	**17.00**		**15.50**	15.30	**17.00**	
		11	2462	Full	14.20	**16.00**	14.20	**16.00**		**15.50**	14.20	**16.00**	
	802.11n-HT20 MCS0	1	2412	Full	13.20	**15.00**	13.20	**15.00**		**15.00**	13.20	**15.00**	97.04
		6	2437	Full	15.30	**17.00**	15.30	**17.00**		**15.50**	15.30	**17.00**	
		11	2462	Full	14.20	**16.00**	14.20	**16.00**		**15.50**	14.20	**16.00**	
	802.11n-HT40 MCS0	3	2422	Full	12.30	**14.00**	12.30	**14.00**		**14.00**	12.30	**14.00**	94.20
		6	2437	Full	15.40	**17.00**	15.40	**17.00**		**15.50**	15.40	**17.00**	
		9	2452	Full	12.50	**14.00**	12.50	**14.00**		**14.00**	12.50	**14.00**	
	802.11ac-VHT20 MCS0	1	2412	Full	13.10	**15.00**	13.10	**15.00**		**15.00**	13.10	**15.00**	97.04
		6	2437	Full	15.20	**17.00**	15.20	**17.00**		**15.50**	15.20	**17.00**	
		11	2462	Full	14.10	**16.00**	14.10	**16.00**		**15.50**	14.10	**16.00**	
	802.11ac-VHT40 MCS0	3	2422	Full	12.20	**14.00**	12.20	**14.00**	Not Required	**14.00**	12.20	**14.00**	94.29
		6	2437	Full	15.30	**17.00**	15.30	**17.00**		**15.50**	15.30	**17.00**	
		9	2452	Full	12.40	**14.00**	12.40	**14.00**		**14.00**	12.40	**14.00**	
	802.11ax-HE20 MCS0	1	2412	Full	12.70	**14.50**	12.70	**14.50**		**14.50**	12.70	**14.50**	95.28
		1	2412	26/0	10.10	**12.00**	10.10	**12.00**		**12.00**	10.10	**12.00**	
		1	2412	52/37	12.10	**14.00**	12.10	**14.00**		**14.00**	12.10	**14.00**	
		1	2412	106/53	14.10	**16.00**	14.10	**16.00**		**15.50**	14.10	**16.00**	
		6	2437	Full	14.50	**16.00**	14.50	**16.00**		**15.50**	14.50	**16.00**	
		11	2462	Full	14.30	**16.00**	14.30	**16.00**		**15.50**	14.30	**16.00**	
		11	2462	26/8	10.10	**12.00**	10.10	**12.00**		**12.00**	10.10	**12.00**	
		11	2462	52/40	12.20	**14.00**	12.20	**14.00**		**14.00**	12.20	**14.00**	
		11	2462	106/54	14.20	**16.00**	14.20	**16.00**		**15.50**	14.20	**16.00**	
	802.11ax-HE40 MCS0	3	2422	Full	12.60	**14.00**	12.60	**14.00**		**14.00**	12.60	**14.00**	94.29
		6	2437	Full	14.60	**16.00**	14.60	**16.00**		**15.50**	14.60	**16.00**	
		9	2452	Full	12.60	**14.00**	12.60	**14.00**		**14.00**	12.60	**14.00**	

<WLAN 5GHz_FCC>

					Full Power		Head_Standalone		Head_Simultaneous		Body_Standalone		Body_Simultaneous/ Hotspot on		Duty Cycle %
					Ant 22		Ant 22		Ant 22		Ant 22		Ant 22		
	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	Full	12.16	**14.00**		**14.00**		**14.00**	12.16	**14.00**		**14.00**	97.20
		40	5200	Full	17.08	**19.00**		**17.50**		**15.50**	17.08	**19.00**		**18.50**	
		44	5220	Full	17.18	**19.00**		**17.50**		**15.50**	17.18	**19.00**		**18.50**	
		48	5240	Full	17.24	**19.00**	Not Required	**17.50**	Not Required	**15.50**	17.24	**19.00**	Not Required	**18.50**	
	802.11n-HT20 MCS0	36	5180	Full	12.16	**14.00**		**14.00**		**14.00**	12.16	**14.00**		**14.00**	97.01
		40	5200	Full	17.06	**19.00**		**17.50**		**15.50**	17.06	**19.00**		**18.50**	
		44	5220	Full	17.17	**19.00**		**17.50**		**15.50**	17.17	**19.00**		**18.50**	
		48	5240	Full	17.17	**19.00**		**17.50**		**15.50**	17.17	**19.00**		**18.50**	
	802.11n-HT40 MCS0	38	5190	Full	12.18	**14.00**	12.18	**14.00**	12.18	**14.00**	12.18	**14.00**	12.18	**14.00**	91.18
		46	5230	Full	17.12	**19.00**	15.63	**17.50**	13.63	**15.50**	17.12	**19.00**	16.63	**18.50**	
	802.11ac-VHT20 MCS0	36	5180	Full	12.09	**14.00**		**14.00**		**14.00**	12.09	**14.00**		**14.00**	97.04
		40	5200	Full	17.06	**19.00**		**17.50**		**15.50**	17.06	**19.00**		**18.50**	
		44	5220	Full	17.10	**19.00**		**17.50**		**15.50**	17.10	**19.00**		**18.50**	
		48	5240	Full	17.11	**19.00**		**17.50**		**15.50**	17.11	**19.00**		**18.50**	
	802.11ac-VHT40 MCS0	38	5190	Full	12.08	**14.00**		**14.00**		**14.00**	12.08	**14.00**		**14.00**	92.86
		46	5230	Full	17.11	**19.00**		**17.50**		**15.50**	17.11	**19.00**		**18.50**	
	802.11ac-VHT80 MCS0	42	5210	Full	12.08	**14.00**	Not Required	**14.00**	Not Required	**14.00**	12.08	**14.00**	Not Required	**14.00**	86.84
	802.11ax-HE20 MCS0	36	5180	Full	17.53	**19.00**		**17.50**		**15.50**	17.53	**19.00**		**18.50**	95.28
		40	5200	Full	17.44	**19.00**		**17.50**		**15.50**	17.44	**19.00**		**18.50**	
		44	5220	Full	17.19	**19.00**		**17.50**		**15.50**	17.19	**19.00**		**18.50**	
		48	5240	Full	17.18	**19.00**		**17.50**		**15.50**	17.18	**19.00**		**18.50**	
	802.11ax-HE40 MCS0	38	5190	Full	13.22	**15.00**		**15.00**		**15.00**	13.22	**15.00**		**15.00**	91.38
		46	5230	Full	13.20	**15.00**		**15.00**		**15.00**	13.20	**15.00**		**15.00**	
	802.11ax-HE80 MCS0	42	5210	Full	12.30	**14.00**		**14.00**		**14.00**	12.30	**14.00**		**14.00**	85.29

					Full Power		Head_Standalone		Head_Simultaneous		Body_Standalone& Simultaneous		Duty Cycle %
					Ant 22		Ant 22		Ant 22		Ant 22		
	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	Full	13.28	**15.00**		**15.00**		**15.00**	13.28	**15.00**	97.20
		56	5280	Full	16.20	**18.00**		**17.50**		**16.50**	16.20	**18.00**	
		60	5300	Full	16.24	**18.00**		**17.50**		**16.50**	16.24	**18.00**	
		64	5320	Full	13.23	**15.00**		**15.00**		**15.00**	13.23	**15.00**	
	802.11n-HT20 MCS0	52	5260	Full	13.19	**15.00**		**15.00**		**15.00**	13.19	**15.00**	97.01
		56	5280	Full	16.11	**18.00**		**17.50**		**16.50**	16.11	**18.00**	
		60	5300	Full	16.15	**18.00**		**17.50**		**16.50**	16.15	**18.00**	
		64	5320	Full	13.17	**15.00**		**15.00**		**15.00**	13.17	**15.00**	
	802.11n-HT40 MCS0	54	5270	Full	16.13	**18.00**	15.65	**17.50**	14.78	**16.50**	16.13	**18.00**	91.18
		62	5310	Full	11.12	**13.00**	11.12	**13.00**	11.12	**13.00**	11.12	**13.00**	
	802.11ac-VHT20 MCS0	52	5260	Full	13.07	**15.00**		**15.00**		**15.00**	13.07	**15.00**	97.04
		56	5280	Full	16.01	**18.00**		**17.50**		**16.50**	16.01	**18.00**	
		60	5300	Full	13.06	**15.00**		**15.00**		**15.00**	13.06	**15.00**	
		64	5320	Full	13.11	**15.00**		**15.00**		**15.00**	13.11	**15.00**	
	802.11ac-VHT40 MCS0	54	5270	Full	16.12	**18.00**		**17.50**		**16.50**	16.12	**18.00**	92.86
		62	5310	Full	11.07	**13.00**		**13.00**		**13.00**	11.07	**13.00**	
	802.11ac-VHT80 MCS0	58	5290	Full	11.10	**13.00**		**13.00**		**13.00**	11.10	**13.00**	86.84
	802.11ax-HE20 MCS0	52	5260	Full	16.19	**18.00**		**17.50**		**16.50**	16.19	**18.00**	95.28
		56	5280	Full	16.08	**18.00**		**17.50**		**16.50**	16.08	**18.00**	
		60	5300	Full	16.18	**18.00**		**17.50**		**16.50**	16.18	**18.00**	
		64	5320	Full	16.23	**18.00**		**17.50**		**16.50**	16.23	**18.00**	
	802.11ax-HE40 MCS0	54	5270	Full	13.20	**15.00**		**15.00**		**15.00**	13.20	**15.00**	91.38
		62	5310	Full	13.25	**15.00**		**15.00**		**15.00**	13.25	**15.00**	
	802.11ax-HE80 MCS0	58	5290	Full	11.31	**13.00**		**13.00**		**13.00**	11.31	**13.00**	85.29

					Full Power		Head_Standalone		Head_Simultaneous		Body_Standalone		Body_Simultaneous		Duty Cycle %
					Ant 22		Ant 22		Ant 22		Ant 22		Ant 22		
	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	Full	16.15	**18.00**		**16.50**		**13.50**		**17.00**		**14.50**	97.20
		116	5580	Full	17.12	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		124	5620	Full	17.02	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		132	5660	Full	17.00	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		140	5700	Full	14.72	**16.50**		**16.50**		**13.50**		**16.50**		**14.50**	
		144	5720	Full	17.23	**19.00**	Not Required	**16.50**		**13.50**	Not Required	**17.00**		**14.50**	
	802.11n-HT20 MCS0	100	5500	Full	16.16	**18.00**		**16.50**		**13.50**		**17.00**		**14.50**	97.01
		116	5580	Full	17.17	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		124	5620	Full	17.00	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		132	5660	Full	17.06	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		140	5700	Full	14.63	**16.50**		**16.50**		**13.50**		**16.50**		**14.50**	
		144	5720	Full	17.25	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
	802.11n-HT40 MCS0	102	5510	Full	11.15	**13.00**	11.15	**13.00**		**13.00**	11.15	**13.00**		**13.00**	91.18
		110	5550	Full	17.14	**19.00**	14.65	**16.50**		**13.50**	15.15	**17.00**		**14.50**	
		126	5630	Full	17.08	**19.00**	14.60	**16.50**	Not Required	**13.50**	15.09	**17.00**	Not Required	**14.50**	
		134	5670	Full	11.16	**13.00**	11.16	**13.00**		**13.00**	11.16	**13.00**		**13.00**	
		142	5710	Full	17.21	**19.00**	14.72	**16.50**		**13.50**	15.22	**17.00**		**14.50**	
	802.11ac-VHT20 MCS0	100	5500	Full	16.12	**18.00**		**16.50**		**13.50**		**17.00**		**14.50**	97.04
		116	5580	Full	17.10	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		124	5620	Full	17.02	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		132	5660	Full	17.06	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		140	5700	Full	14.61	**16.50**		**16.50**		**13.50**		**16.50**		**14.50**	
		144	5720	Full	17.14	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
	802.11ac-VHT40 MCS0	102	5510	Full	11.11	**13.00**		**13.00**		**13.00**		**13.00**		**13.00**	92.86
		110	5550	Full	17.10	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		126	5630	Full	17.01	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		134	5670	Full	11.09	**13.00**		**13.00**		**13.00**		**13.00**		**13.00**	
		142	5710	Full	17.11	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
	802.11ac-VHT80 MCS0	106	5530	Full	10.11	**12.00**		**12.00**	10.11	**12.00**		**12.00**	10.11	**12.00**	86.84
		122	5610	Full	10.11	**12.00**		**12.00**	10.11	**12.00**		**12.00**	10.11	**12.00**	
		138	5690	Full	13.08	**15.00**	Not Required	**15.00**	11.72	**13.50**	Not Required	**15.00**	13.08	**14.50**	
	802.11ax-HE20 MCS0	100	5500	Full	15.23	**17.00**		**16.50**		**13.50**		**17.00**		**14.50**	95.28
		116	5580	Full	15.29	**17.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		124	5620	Full	15.11	**17.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		132	5660	Full	15.16	**17.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		140	5700	Full	15.21	**17.00**		**16.50**		**13.50**		**17.00**		**14.50**	
		144	5720	Full	17.31	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
	802.11ax-HE40 MCS0	102	5510	Full	14.17	**16.00**		**16.00**		**13.50**		**16.00**		**14.50**	91.38
		110	5550	Full	14.15	**16.00**		**16.00**		**13.50**		**16.00**		**14.50**	
		126	5630	Full	14.11	**16.00**		**16.00**		**13.50**		**16.00**		**14.50**	
		134	5670	Full	14.21	**16.00**		**16.00**		**13.50**		**16.00**		**14.50**	
		142	5710	Full	17.24	**19.00**		**16.50**		**13.50**		**17.00**		**14.50**	
	802.11ax-HE80 MCS0	106	5530	Full	10.48	**12.00**		**12.00**		**12.00**		**12.00**		**12.00**	85.29
		122	5610	Full	10.39	**12.00**		**12.00**		**12.00**		**12.00**		**12.00**	
		138	5690	Full	13.38	**15.00**		**15.00**		**13.50**		**15.00**		**14.50**	

					Full Power		Head_Standalone		Head_Simultaneous		Body_Standalone		Body_Simultaneous/ Hotspot on		Duty Cycle %
					Ant 22		Ant 22		Ant 22		Ant 22		Ant 22		
	Mode	Channel	Frequency (MHz)	RU Config.	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	Full	17.14	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	97.20
		157	5785	Full	18.04	**20.00**		**16.50**		**15.00**	Not Required	**17.50**	Not Required	**16.00**	
		165	5825	Full	17.11	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	
	802.11n-HT20 MCS0	149	5745	Full	17.21	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	97.01
		157	5785	Full	18.16	**20.00**		**16.50**		**15.00**		**17.50**		**16.00**	
		165	5825	Full	17.16	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	
	802.11n-HT40 MCS0	151	5755	Full	17.39	**19.00**	Not Required	**16.50**	Not Required	**15.00**	15.64	**17.50**	14.14	**16.00**	91.18
		159	5795	Full	17.33	**19.00**		**16.50**		**15.00**	15.65	**17.50**	14.15	**16.00**	
	802.11ac-VHT20 MCS0	149	5745	Full	17.06	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	97.04
		157	5785	Full	18.05	**20.00**		**16.50**		**15.00**		**17.50**		**16.00**	
		165	5825	Full	17.03	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	
	802.11ac-VHT40 MCS0	151	5755	Full	17.19	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	92.86
		159	5795	Full	17.18	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	
	802.11ac-VHT80 MCS0	155	5775	Full	13.02	**15.00**	14.65	**16.50**	13.23	**15.00**	Not Required	**17.50**	Not Required	**15.00**	86.84
	802.11ax-HE20 MCS0	149	5745	Full	17.31	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	95.28
		157	5785	Full	17.34	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	
		165	5825	Full	17.33	**19.00**	Not Required	**16.50**	Not Required	**15.00**		**17.50**		**16.00**	
	802.11ax-HE40 MCS0	151	5755	Full	17.49	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	91.38
		159	5795	Full	17.52	**19.00**		**16.50**		**15.00**		**17.50**		**16.00**	
	802.11ax-HE80 MCS0	155	5775	Full	13.24	**15.00**		**16.00**		**16.00**		**15.00**		**15.00**	85.29

<Bluetooth_FCC>

	Mode	Channel	Frequency (MHz)	Default/Full		Duty Cycle %
				Ant 6		
				Average power (dBm)	Tune-Up Limit	
Bluetooth	BR / EDR 1Mbps	0	2402	8.60	10.50	76.80
		39	2441	9.30	11.00	
		78	2480	8.70	10.50	
	BR / EDR 2Mbps	0	2402	7.10	9.00	76.80
		39	2441	7.20	9.00	
		78	2480	6.60	8.50	
	BR / EDR 3Mbps	0	2402	7.10	9.00	76.86
		39	2441	7.10	9.00	
		78	2480	6.60	8.50	
	LE 1Mbps	0	2402	5.00	7.00	61.29
		19	2440	5.50	7.50	
		39	2480	4.20	6.00	
	LE 2Mbps	0	2402	5.00	7.00	31.75
		19	2440	5.50	7.50	
		39	2480	4.10	6.00	
	LE 125Kbps	0	2402	5.10	7.00	82.67
		19	2440	5.60	7.50	
		39	2480	4.30	6.00	
	LE 500Kbps	0	2402	5.00	7.00	56.38
		19	2440	5.50	7.50	
		39	2480	4.10	6.00	