Full&Default Power Mode

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.21	32.40	32.35	33.50	23.21	23.40	23.35	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.38	32.34	33.50	23.20	23.38	23.34	24.50
GPRS/EDGE GMSK 2 Tx slots	30.20	30.33	30.31	31.00	24.20	24.33	24.31	25.00
GPRS/EDGE GMSK 3 Tx slots	28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.94
GPRS/EDGE GMSK 4 Tx slots	26.56	26.74	26.71	28.00	23.56	23.74	23.71	25.00
EDGE 8PSK 1 Tx slot	26.30	26.33	26.30	28.00	17.30	17.33	17.30	19.00
EDGE 8PSK 2 Tx slots	25.05	25.08	25.23	26.00	19.05	19.08	19.23	20.00
EDGE 8PSK 3 Tx slots	22.95	22.98	23.05	24.00	18.69	18.72	18.79	19.74
EDGE 8PSK 4 Tx slots	21.67	21.68	21.78	23.00	18.67	18.68	18.78	20.00

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.22	32.33	32.30	33.50	23.22	23.33	23.30	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.32	32.28	33.50	23.20	23.32	23.28	24.50
GPRS/EDGE GMSK 2 Tx slots	30.21	30.30	30.27	31.00	24.21	24.30	24.27	25.00
GPRS/EDGE GMSK 3 Tx slots	28.21	28.29	28.26	29.20	23.95	24.03	24.00	24.94
GPRS/EDGE GMSK 4 Tx slots	26.65	26.73	26.70	28.00	23.65	23.73	23.70	25.00
EDGE 8PSK 1 Tx slot	26.33	26.37	26.30	28.00	17.33	17.37	17.30	19.00
EDGE 8PSK 2 Tx slots	25.11	25.13	25.08	26.00	19.11	19.13	19.08	20.00
EDGE 8PSK 3 Tx slots	23.00	23.02	22.98	24.00	18.74	18.76	18.72	19.74
EDGE 8PSK 4 Tx slots	21.90	21.94	21.89	23.00	18.90	18.94	18.89	20.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.59	29.63	29.56	30.50	20.59	20.63	20.56	21.50
GPRS/EDGE GMSK 1 Tx slot	29.58	29.61	29.54	30.50	20.58	20.61	20.54	21.50
GPRS/EDGE GMSK 2 Tx slots	26.62	26.64	26.61	28.00	20.62	20.64	20.61	22.00
GPRS/EDGE GMSK 3 Tx slots	24.90	24.91	24.87	26.00	20.64	20.65	20.61	21.74
GPRS/EDGE GMSK 4 Tx slots	23.15	23.16	23.13	24.00	20.15	20.16	20.13	21.00
EDGE 8PSK 1 Tx slot	26.40	26.26	26.23	27.00	17.40	17.26	17.23	18.00
EDGE 8PSK 2 Tx slots	24.90	24.89	24.88	26.00	18.90	18.89	18.88	20.00
EDGE 8PSK 3 Tx slots	22.85	22.78	22.73	23.50	18.59	18.52	18.47	19.24
EDGE 8PSK 4 Tx slots	21.40	21.36	21.33	22.50	18.40	18.36	18.33	19.50

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.53	29.57	29.55	30.50	20.53	20.57	20.55	21.50
GPRS/EDGE GMSK 1 Tx slot	29.51	29.55	29.53	30.50	20.51	20.55	20.53	21.50
GPRS/EDGE GMSK 2 Tx slots	26.50	26.54	26.52	28.00	20.50	20.54	20.52	22.00
GPRS/EDGE GMSK 3 Tx slots	24.76	24.82	24.80	26.00	20.50	20.56	20.54	21.74
GPRS/EDGE GMSK 4 Tx slots	23.01	23.05	23.03	24.00	20.01	20.05	20.03	21.00
EDGE 8PSK 1 Tx slot	25.95	25.97	25.93	27.00	16.95	16.97	16.93	18.00
EDGE 8PSK 2 Tx slots	24.88	24.90	24.85	26.00	18.88	18.90	18.85	20.00
EDGE 8PSK 3 Tx slots	22.42	22.46	22.40	23.50	18.16	18.20	18.14	19.24
EDGE 8PSK 4 Tx slots	21.23	21.26	21.21	22.50	18.23	18.26	18.21	19.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.86	23.88	23.85	24.80	23.81	23.85	23.80	24.80
3GPP Rel 99	RMC 12.2Kbps	23.88	23.90	23.87	24.80	23.84	23.88	23.82	24.80
3GPP Rel 6	HSDPA Subtest-1	22.88	22.95	23.01	23.80	22.96	23.08	23.04	23.80
3GPP Rel 6	HSDPA Subtest-2	22.92	22.96	22.99	23.80	23.00	23.07	23.02	23.80
3GPP Rel 6	HSDPA Subtest-3	22.47	22.50	22.56	23.30	22.57	22.60	22.53	23.30
3GPP Rel 6	HSDPA Subtest-4	22.43	22.46	22.48	23.30	22.50	22.56	22.54	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.81	22.85	22.86	23.80	22.86	22.94	22.95	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.88	22.83	23.80	22.95	23.00	22.95	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.40	22.35	22.45	23.30	22.46	22.54	22.44	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.29	22.40	22.36	23.30	22.43	22.47	22.42	23.30
3GPP Rel 6	HSUPA Subtest-1	20.38	20.40	20.36	21.80	20.33	20.35	20.33	21.80
3GPP Rel 6	HSUPA Subtest-2	20.33	20.35	20.33	21.80	20.31	20.22	20.24	21.80
3GPP Rel 6	HSUPA Subtest-3	22.38	22.35	22.33	22.80	22.33	22.28	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	20.35	20.36	20.31	21.80	20.30	20.27	20.22	21.80
3GPP Rel 6	HSUPA Subtest-5	22.40	22.42	22.35	22.80	22.37	22.37	22.20	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.85	22.88	22.80	23.30	23.00	23.03	22.95	23.30

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.03	23.97	24.80	24.13	24.15	24.11	24.80
3GPP Rel 99	RMC 12.2Kbps	24.01	24.07	23.98	24.80	24.19	24.20	24.15	24.80
3GPP Rel 6	HSDPA Subtest-1	23.07	23.13	23.03	23.80	23.27	23.23	23.15	23.80
3GPP Rel 6	HSDPA Subtest-2	23.07	23.11	23.01	23.80	23.22	23.23	23.14	23.80
3GPP Rel 6	HSDPA Subtest-3	22.57	22.68	22.55	23.30	22.73	22.76	22.67	23.30
3GPP Rel 6	HSDPA Subtest-4	22.56	22.61	22.51	23.30	22.72	22.73	22.66	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.95	22.97	22.88	23.80	23.16	23.16	23.10	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.91	23.05	22.95	23.80	23.13	23.15	23.07	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.46	22.55	22.46	23.30	22.68	22.64	22.52	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.48	22.55	22.45	23.30	22.67	22.65	22.54	23.30
3GPP Rel 6	HSUPA Subtest-1	20.57	20.58	20.55	21.80	20.63	20.60	20.57	21.80
3GPP Rel 6	HSUPA Subtest-2	20.52	20.55	20.50	21.80	20.55	20.59	20.51	21.80
3GPP Rel 6	HSUPA Subtest-3	22.53	22.55	22.50	22.80	22.55	22.50	22.51	22.80
3GPP Rel 6	HSUPA Subtest-4	20.55	20.56	20.52	21.80	20.58	20.57	20.52	21.80
3GPP Rel 6	HSUPA Subtest-5	22.55	22.57	22.53	22.80	22.57	22.53	22.50	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.26	22.30	22.23	23.30	22.32	22.35	22.30	23.30

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	23.70	23.72	23.67	24.80	23.71	23.73	23.68	24.80
3GPP Rel 99	RMC 12.2Kbps	23.73	23.75	23.71	24.80	23.75	23.77	23.72	24.80
3GPP Rel 6	HSDPA Subtest-1	22.81	22.74	22.79	23.80	22.73	22.67	22.71	23.80
3GPP Rel 6	HSDPA Subtest-2	22.79	22.79	22.78	23.80	22.73	22.71	22.72	23.80
3GPP Rel 6	HSDPA Subtest-3	22.34	22.36	22.35	23.30	22.30	22.24	22.25	23.30
3GPP Rel 6	HSDPA Subtest-4	22.32	22.30	22.28	23.30	22.25	22.17	22.19	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	22.64	22.61	22.57	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	22.62	22.61	22.58	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	22.19	22.17	22.12	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	22.20	22.12	22.14	23.30
3GPP Rel 6	HSUPA Subtest-1	20.45	20.48	20.42	21.80	20.42	20.40	20.39	21.80
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.40	21.80	20.37	20.37	20.35	21.80
3GPP Rel 6	HSUPA Subtest-3	22.45	22.46	22.43	22.80	22.37	22.32	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	20.40	20.43	20.41	21.80	20.36	20.37	20.32	21.80
3GPP Rel 6	HSUPA Subtest-5	22.50	22.55	22.52	22.80	22.46	22.49	22.41	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.62	21.65	21.60	23.30	21.70	21.74	21.68	23.30

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.02	23.05	23.01		
20	QPSK	1	49	23.00	23.01	22.99	23.8	0
20	QPSK	1	99	22.86	22.88	22.99		
20	QPSK	50	0	22.03	22.08	22.05		
20	QPSK	50	24	21.97	21.97	22.03	22.8	1
20	QPSK	50	50	21.94	21.96	21.99		
20	QPSK	100	0	21.93	22.05	22.03		
20	16QAM	1	0	22.30	22.27	22.29		
20	16QAM	1	49	22.25	22.31	22.30	22.8	1
20	16QAM	1	99	22.16	22.20	22.23		
20	16QAM	50	0	20.92	21.00	21.04		
20	16QAM	50	24	20.96	20.96	21.05	21.8	2
20	16QAM	50	50	20.92	20.96	21.00		
20	16QAM	100	0	20.91	20.99	21.02		
20	64QAM	1	0	21.11	21.14	21.12		
20	64QAM	1	49	21.07	21.17	21.12	21.8	2
20	64QAM	1	99	20.97	21.03	21.06		
20	64QAM	50	0	19.92	19.97	20.04		
20	64QAM	50	24	19.96	19.96	20.03	20.8	3
20	64QAM	50	50	19.92	19.95	20.00		
20	64QAM	100	0	19.92	19.97	20.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.87	22.96	22.90		
15	QPSK	1	37	22.89	22.94	22.83	23.8	0
15	QPSK	1	74	22.71	22.73	22.89		
15	QPSK	36	0	21.91	21.92	21.96		
15	QPSK	36	20	21.89	21.85	21.92	22.8	1
15	QPSK	36	39	21.86	21.88	21.85		
15	QPSK	75	0	21.84	21.92	21.93		
15	16QAM	1	0	22.17	22.15	22.15		
15	16QAM	1	37	22.18	22.22	22.20	22.8	1
15	16QAM	1	74	22.03	22.04	22.08		
15	16QAM	36	0	20.86	20.85	20.90		
15	16QAM	36	20	20.88	20.82	20.98	21.8	2
15	16QAM	36	39	20.86	20.88	20.87		
15	16QAM	75	0	20.87	20.83	20.88		
15	64QAM	1	0	21.00	21.08	21.04		
15	64QAM	1	37	20.93	21.01	21.06	21.8	2
15	64QAM	1	74	20.86	20.97	20.92		
15	64QAM	36	0	19.78	19.86	19.88		
15	64QAM	36	20	19.91	19.81	19.90	20.8	3
15	64QAM	36	39	19.81	19.81	19.86		
15	64QAM	75	0	19.80	19.82	19.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.91	22.89	22.87		
10	QPSK	1	25	22.85	22.89	22.92	23.8	0
10	QPSK	1	49	22.77	22.79	22.88		
10	QPSK	25	0	21.89	21.97	21.92		
10	QPSK	25	12	21.92	21.82	21.93	22.8	1
10	QPSK	25	25	21.80	21.88	21.86		
10	QPSK	50	0	21.77	21.95	21.97		
10	16QAM	1	0	22.15	22.16	22.20		
10	16QAM	1	25	22.14	22.15	22.14	22.8	1
10	16QAM	1	49	22.02	22.06	22.17		
10	16QAM	25	0	20.89	20.90	20.91		
10	16QAM	25	12	20.91	20.80	20.95	21.8	2
10	16QAM	25	25	20.89	20.85	20.87		
10	16QAM	50	0	20.87	20.85	20.97		
10	64QAM	1	0	21.04	20.99	21.07		
10	64QAM	1	25	20.95	21.08	21.04	21.8	2
10	64QAM	1	49	20.90	20.92	20.99		
10	64QAM	25	0	19.82	19.81	19.98		
10	64QAM	25	12	19.81	19.85	19.89	20.8	3
10	64QAM	25	25	19.87	19.81	19.95		
10	64QAM	50	0	19.84	19.82	19.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.89	22.94	22.96		
5	QPSK	1	12	22.95	22.86	22.83	23.8	0
5	QPSK	1	24	22.80	22.74	22.89		
5	QPSK	12	0	21.87	21.95	21.89		
5	QPSK	12	7	21.89	21.85	21.87	22.8	1
5	QPSK	12	13	21.79	21.87	21.93		
5	QPSK	25	0	21.78	21.99	21.89		
5	16QAM	1	0	22.23	22.18	22.17		
5	16QAM	1	12	22.18	22.26	22.25	22.8	1
5	16QAM	1	24	22.06	22.05	22.13		
5	16QAM	12	0	20.87	20.89	20.90		
5	16QAM	12	7	20.94	20.86	20.93	21.8	2
5	16QAM	12	13	20.88	20.81	20.87		
5	16QAM	25	0	20.85	20.91	20.94		
5	64QAM	1	0	21.00	21.09	21.07		
5	64QAM	1	12	21.02	21.02	20.96	21.8	2
5	64QAM	1	24	20.89	20.90	20.98		
5	64QAM	12	0	19.85	19.81	19.98		
5	64QAM	12	7	19.90	19.89	19.94	20.8	3
5	64QAM	12	13	19.78	19.81	19.84		
5	64QAM	25	0	19.76	19.91	19.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.94	22.93	22.95		
3	QPSK	1	8	22.90	22.85	22.91	23.8	0
3	QPSK	1	14	22.81	22.80	22.86		
3	QPSK	8	0	21.97	21.98	21.99		
3	QPSK	8	4	21.83	21.86	21.90	22.8	1
3	QPSK	8	7	21.80	21.85	21.87		
3	QPSK	15	0	21.87	21.98	21.90		
3	16QAM	1	0	22.20	22.17	22.14		
3	16QAM	1	8	22.17	22.16	22.16	22.8	1
3	16QAM	1	14	22.01	22.10	22.16		
3	16QAM	8	0	20.87	20.89	20.90		
3	16QAM	8	4	20.92	20.85	20.99	21.8	2
3	16QAM	8	7	20.86	20.90	20.89		
3	16QAM	15	0	20.83	20.91	20.91		
3	64QAM	1	0	20.97	21.07	20.99		
3	64QAM	1	8	20.93	21.12	21.02	21.8	2
3	64QAM	1	14	20.85	20.95	20.97		
3	64QAM	8	0	19.84	19.81	19.93		
3	64QAM	8	4	19.88	19.85	19.88	20.8	3
3	64QAM	8	7	19.87	19.81	19.95		
3	64QAM	15	0	19.84	19.83	19.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.92	22.93	22.86		
1.4	QPSK	1	3	22.94	22.91	22.94		
1.4	QPSK	1	5	22.73	22.73	22.86	23.8	0
1.4	QPSK	3	0	22.94	22.95	22.95		
1.4	QPSK	3	1	22.84	22.88	22.94		
1.4	QPSK	3	3	22.75	22.75	22.90		
1.4	QPSK	6	0	21.98	21.95	21.91	22.8	1
1.4	16QAM	1	0	21.84	21.82	21.94		
1.4	16QAM	1	3	21.89	21.80	21.93		
1.4	16QAM	1	5	21.85	21.97	21.90	22.8	1
1.4	16QAM	3	0	22.19	22.14	22.15		
1.4	16QAM	3	1	22.19	22.16	22.17		
1.4	16QAM	3	3	22.03	22.13	22.07		
1.4	16QAM	6	0	20.90	20.88	20.94	21.8	2
1.4	64QAM	1	0	20.92	20.88	20.91		
1.4	64QAM	1	3	20.89	20.91	20.95		
1.4	64QAM	1	5	20.87	20.93	20.91	21.8	2
1.4	64QAM	3	0	20.97	21.07	20.96		
1.4	64QAM	3	1	21.01	21.07	21.04		
1.4	64QAM	3	3	20.85	20.88	20.95		
1.4	64QAM	6	0	19.80	19.83	19.93	20.8	3

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.98	23.01	22.95		
20	QPSK	1	49	22.96	22.93	22.86	23.8	0
20	QPSK	1	99	22.82	22.80	22.80		
20	QPSK	50	0	21.95	21.97	21.93		
20	QPSK	50	24	21.92	21.90	21.87	22.8	1
20	QPSK	50	50	21.89	21.85	21.82		
20	QPSK	100	0	21.90	21.91	21.86		
20	16QAM	1	0	22.27	22.19	22.14		
20	16QAM	1	49	22.17	22.20	22.06	22.8	1
20	16QAM	1	99	22.06	22.08	21.98		
20	16QAM	50	0	20.94	20.92	20.92		
20	16QAM	50	24	20.95	20.89	20.86	21.8	2
20	16QAM	50	50	20.88	20.86	20.84		
20	16QAM	100	0	20.91	20.90	20.86		
20	64QAM	1	0	21.17	21.11	21.10		
20	64QAM	1	49	21.13	21.14	21.02	21.8	2
20	64QAM	1	99	20.93	20.96	20.97		
20	64QAM	50	0	19.95	19.94	19.90		
20	64QAM	50	24	19.95	19.91	19.85	20.8	3
20	64QAM	50	50	19.90	19.86	19.83		
20	64QAM	100	0	19.92	19.89	19.85		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.93	22.95	22.97		
15	QPSK	1	37	22.91	22.98	22.93	23.8	0
15	QPSK	1	74	22.96	22.90	22.89		
15	QPSK	36	0	22.03	21.98	21.90		
15	QPSK	36	20	22.01	21.95	21.86	22.8	1
15	QPSK	36	39	21.98	21.89	21.87		
15	QPSK	75	0	22.03	21.98	21.89		
15	16QAM	1	0	22.35	22.29	22.20		
15	16QAM	1	37	22.30	22.32	22.11	22.8	1
15	16QAM	1	74	22.18	22.13	22.13		
15	16QAM	36	0	21.03	20.99	20.90		
15	16QAM	36	20	21.00	20.95	20.88	21.8	2
15	16QAM	36	39	20.97	20.90	20.87		
15	16QAM	75	0	21.02	20.99	20.91		
15	64QAM	1	0	21.20	21.16	21.10		
15	64QAM	1	37	21.18	21.19	21.05	21.8	2
15	64QAM	1	74	21.06	21.03	20.99		
15	64QAM	36	0	20.02	20.01	19.91		
15	64QAM	36	20	20.02	19.96	19.89	20.8	3
15	64QAM	36	39	19.99	19.93	19.89		
15	64QAM	75	0	20.04	19.98	19.89		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.98	23.00	22.97		
10	QPSK	1	25	22.95	22.98	22.88	23.8	0
10	QPSK	1	49	22.91	22.95	22.94		
10	QPSK	25	0	22.03	21.99	21.91		
10	QPSK	25	12	22.03	21.92	21.89	22.8	1
10	QPSK	25	25	22.05	21.94	21.87		
10	QPSK	50	0	22.06	21.95	21.88		
10	16QAM	1	0	22.32	22.25	22.15		
10	16QAM	1	25	22.27	22.28	22.10	22.8	1
10	16QAM	1	49	22.23	22.19	22.09		
10	16QAM	25	0	21.02	20.97	20.89		
10	16QAM	25	12	21.02	20.90	20.88	21.8	2
10	16QAM	25	25	21.03	20.92	20.85		
10	16QAM	50	0	21.03	20.95	20.89		
10	64QAM	1	0	21.28	21.17	21.08		
10	64QAM	1	25	21.17	21.17	21.03	21.8	2
10	64QAM	1	49	21.14	21.12	21.05		
10	64QAM	25	0	20.01	19.97	19.88		
10	64QAM	25	12	20.01	19.91	19.85	20.8	3
10	64QAM	25	25	20.03	19.95	19.84		
10	64QAM	50	0	20.01	19.96	19.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.83	22.92	22.89		
5	QPSK	1	12	22.93	22.81	22.79	23.8	0
5	QPSK	1	24	22.80	22.69	22.71		
5	QPSK	12	0	21.88	21.87	21.81		
5	QPSK	12	7	21.87	21.88	21.80	22.8	1
5	QPSK	12	13	21.78	21.77	21.79		
5	QPSK	25	0	21.80	21.85	21.84		
5	16QAM	1	0	22.16	22.18	22.10		
5	16QAM	1	12	22.04	22.14	21.98	22.8	1
5	16QAM	1	24	21.94	21.95	21.89		
5	16QAM	12	0	20.80	20.79	20.78		
5	16QAM	12	7	20.82	20.84	20.75	21.8	2
5	16QAM	12	13	20.86	20.81	20.70		
5	16QAM	25	0	20.90	20.77	20.78		
5	64QAM	1	0	21.09	20.99	21.07		
5	64QAM	1	12	20.98	21.00	20.95	21.8	2
5	64QAM	1	24	20.80	20.94	20.88		
5	64QAM	12	0	19.93	19.91	19.79		
5	64QAM	12	7	19.85	19.83	19.82	20.8	3
5	64QAM	12	13	19.76	19.76	19.76		
5	64QAM	25	0	19.85	19.77	19.76		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.93	23.00	22.84		
3	QPSK	1	8	22.87	22.92	22.81	23.8	0
3	QPSK	1	14	22.80	22.65	22.75		
3	QPSK	8	0	21.86	21.86	21.88		
3	QPSK	8	4	21.77	21.89	21.77	22.8	1
3	QPSK	8	7	21.81	21.72	21.81		
3	QPSK	15	0	21.83	21.81	21.84		
3	16QAM	1	0	22.13	22.18	22.06		
3	16QAM	1	8	22.15	22.05	21.96	22.8	1
3	16QAM	1	14	21.91	22.01	21.85		
3	16QAM	8	0	20.87	20.78	20.77		
3	16QAM	8	4	20.81	20.74	20.84	21.8	2
3	16QAM	8	7	20.81	20.84	20.83		
3	16QAM	15	0	20.77	20.83	20.78		
3	64QAM	1	0	21.15	21.04	21.03		
3	64QAM	1	8	21.04	21.09	20.87	21.8	2
3	64QAM	1	14	20.88	20.84	20.96		
3	64QAM	8	0	19.90	19.85	19.79		
3	64QAM	8	4	19.84	19.78	19.72	20.8	3
3	64QAM	8	7	19.78	19.82	19.70		
3	64QAM	15	0	19.79	19.84	19.76		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.92	22.93	22.81		
1.4	QPSK	1	3	22.95	22.96	22.92		
1.4	QPSK	1	5	22.91	22.87	22.88	23.8	0
1.4	QPSK	3	0	22.93	22.97	22.92		
1.4	QPSK	3	1	22.85	22.94	22.92		
1.4	QPSK	3	3	22.88	22.95	22.85		
1.4	QPSK	6	0	21.81	21.93	21.80	22.8	1
1.4	16QAM	1	0	21.90	21.91	21.80		
1.4	16QAM	1	3	21.83	21.86	21.91		
1.4	16QAM	1	5	21.93	21.96	21.84	22.8	1
1.4	16QAM	3	0	21.82	21.83	21.84		
1.4	16QAM	3	1	21.83	21.86	21.91		
1.4	16QAM	3	3	21.90	21.89	21.91		
1.4	16QAM	6	0	20.79	20.89	20.82	21.8	2
1.4	64QAM	1	0	20.90	20.89	20.87		
1.4	64QAM	1	3	20.82	20.85	20.91		
1.4	64QAM	1	5	20.81	20.81	20.89	21.8	2
1.4	64QAM	3	0	20.79	20.85	20.80		
1.4	64QAM	3	1	20.92	20.84	20.84		
1.4	64QAM	3	3	20.87	20.88	20.77		
1.4	64QAM	6	0	19.80	19.81	19.84	20.8	3

Band 2_Ant 4(ENDC)

BW [MHz]	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	21.98	22.02	21.97		
20	QPSK	1	49	21.96	21.97	21.89	23.3	0
20	QPSK	1	99	21.93	21.94	21.89		
20	QPSK	50	0	20.96	20.98	20.93		
20	QPSK	50	24	20.87	20.95	20.87	22.3	1
20	QPSK	50	50	20.94	20.95	20.88		
20	QPSK	100	0	20.92	20.94	20.90		
20	16QAM	1	0	20.98	21.00	20.95		
20	16QAM	1	49	20.93	20.92	20.92	22.3	1
20	16QAM	1	99	20.90	20.92	20.86		
20	16QAM	50	0	19.88	19.89	19.86		
20	16QAM	50	24	19.80	19.80	19.83	21.3	2
20	16QAM	50	50	19.86	19.86	19.80		
20	16QAM	100	0	19.80	19.83	19.81		
20	64QAM	1	0	19.95	19.97	19.93		
20	64QAM	1	49	19.91	19.93	19.90	21.3	2
20	64QAM	1	99	19.87	19.94	19.87		
20	64QAM	50	0	18.82	18.84	18.80		
20	64QAM	50	24	18.77	18.74	18.71	20.3	3
20	64QAM	50	50	18.73	18.76	18.78		
20	64QAM	100	0	18.77	18.79	18.71		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.93	21.97	21.95		
15	QPSK	1	37	21.91	21.89	21.80	23.3	0
15	QPSK	1	74	21.85	21.90	21.84		
15	QPSK	36	0	20.90	20.91	20.84		
15	QPSK	36	20	20.81	20.86	20.80	22.3	1
15	QPSK	36	39	20.89	20.88	20.83		
15	QPSK	75	0	20.88	20.92	20.88		
15	16QAM	1	0	20.91	20.90	20.85		
15	16QAM	1	37	20.91	20.88	20.87	22.3	1
15	16QAM	1	74	20.80	20.89	20.81		
15	16QAM	36	0	19.86	19.80	19.84		
15	16QAM	36	20	19.73	19.76	19.78	21.3	2
15	16QAM	36	39	19.80	19.76	19.70		
15	16QAM	75	0	19.70	19.81	19.71		
15	64QAM	1	0	19.92	19.90	19.87		
15	64QAM	1	37	19.87	19.88	19.86	21.3	2
15	64QAM	1	74	19.81	19.87	19.78		
15	64QAM	36	0	18.76	18.75	18.74		
15	64QAM	36	20	18.68	18.71	18.63	20.3	3
15	64QAM	36	39	18.69	18.71	18.74		
15	64QAM	75	0	18.67	18.76	18.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.89	21.93	21.88		
10	QPSK	1	25	21.93	21.93	21.81	23.3	0
10	QPSK	1	49	21.90	21.92	21.82		
10	QPSK	25	0	20.94	20.91	20.88		
10	QPSK	25	12	20.83	20.86	20.83	22.3	1
10	QPSK	25	25	20.92	20.90	20.78		
10	QPSK	50	0	20.89	20.87	20.85		
10	16QAM	1	0	20.96	20.90	20.88		
10	16QAM	1	25	20.84	20.85	20.82	22.3	1
10	16QAM	1	49	20.81	20.89	20.82		
10	16QAM	25	0	19.80	19.82	19.76		
10	16QAM	25	12	19.77	19.73	19.78	21.3	2
10	16QAM	25	25	19.84	19.76	19.77		
10	16QAM	50	0	19.74	19.75	19.77		
10	64QAM	1	0	19.91	19.87	19.84		
10	64QAM	1	25	19.81	19.89	19.84	21.3	2
10	64QAM	1	49	19.84	19.90	19.81		
10	64QAM	25	0	18.76	18.77	18.72		
10	64QAM	25	12	18.75	18.67	18.69	20.3	3
10	64QAM	25	25	18.71	18.66	18.70		
10	64QAM	50	0	18.75	18.76	18.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.93	21.92	21.88		
5	QPSK	1	12	21.90	21.93	21.81	23.3	0
5	QPSK	1	24	21.84	21.87	21.87		
5	QPSK	12	0	20.86	20.88	20.84		
5	QPSK	12	7	20.79	20.93	20.78	22.3	1
5	QPSK	12	13	20.84	20.89	20.79		
5	QPSK	25	0	20.83	20.91	20.87		
5	16QAM	1	0	20.89	20.95	20.90		
5	16QAM	1	12	20.83	20.83	20.83	22.3	1
5	16QAM	1	24	20.88	20.90	20.79		
5	16QAM	12	0	19.85	19.85	19.76		
5	16QAM	12	7	19.77	19.75	19.81	21.3	2
5	16QAM	12	13	19.84	19.83	19.77		
5	16QAM	25	0	19.77	19.80	19.76		
5	64QAM	1	0	19.91	19.95	19.90		
5	64QAM	1	12	19.84	19.85	19.81	21.3	2
5	64QAM	1	24	19.81	19.90	19.79		
5	64QAM	12	0	18.80	18.76	18.71		
5	64QAM	12	7	18.68	18.64	18.63	20.3	3
5	64QAM	12	13	18.70	18.67	18.68		
5	64QAM	25	0	18.69	18.72	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.96	22.00	21.88		
3	QPSK	1	8	21.94	21.89	21.84	23.3	0
3	QPSK	1	14	21.89	21.85	21.83		
3	QPSK	8	0

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.67	24.05	24.02		
20	QPSK	1	49	23.66	23.92	24.00	24.8	0
20	QPSK	1	99	23.66	23.95	23.96		
20	QPSK	50	0	22.78	23.15	23.10		
20	QPSK	50	24	22.70	22.90	23.07	23.8	1
20	QPSK	50	50	22.76	22.92	23.05		
20	QPSK	100	0	22.72	23.08	23.06		
20	16QAM	1	0	22.99	23.07	23.20		
20	16QAM	1	49	22.96	23.21	23.37	23.8	1
20	16QAM	1	99	22.95	23.25	23.24		
20	16QAM	50	0	21.68	21.81	22.10		
20	16QAM	50	24	21.70	21.88	22.09	22.8	2
20	16QAM	50	50	21.76	21.92	22.04		
20	16QAM	100	0	21.72	21.87	22.04		
20	64QAM	1	0	21.83	21.88	22.08		
20	64QAM	1	49	21.76	22.05	22.17	22.8	2
20	64QAM	1	99	21.78	22.07	22.06		
20	64QAM	50	0	20.68	20.78	21.07		
20	64QAM	50	24	20.71	20.86	21.08	21.8	3
20	64QAM	50	50	20.77	20.92	21.04		
20	64QAM	100	0	20.73	20.87	21.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.54	23.95	23.88		
15	QPSK	1	37	23.53	23.87	23.87	24.8	0
15	QPSK	1	74	23.56	23.81	23.81		
15	QPSK	36	0	22.72	23.00	22.98		
15	QPSK	36	20	22.54	22.84	22.91	23.8	1
15	QPSK	36	39	22.71	22.84	22.98		
15	QPSK	75	0	22.56	22.97	22.93		
15	16QAM	1	0	22.92	22.91	23.11		
15	16QAM	1	37	22.81	23.11	23.26	23.8	1
15	16QAM	1	74	22.85	23.11	23.13		
15	16QAM	36	0	21.60	21.65	22.02		
15	16QAM	36	20	21.63	21.78	22.02	22.8	2
15	16QAM	36	39	21.73	21.82	21.95		
15	16QAM	75	0	21.69	21.72	21.92		
15	64QAM	1	0	21.72	21.78	21.94		
15	64QAM	1	37	21.63	21.90	22.09	22.8	2
15	64QAM	1	74	21.68	21.98	22.01		
15	64QAM	36	0	20.53	20.63	20.91		
15	64QAM	36	20	20.61	20.74	20.94	21.8	3
15	64QAM	36	39	20.71	20.85	20.89		
15	64QAM	75	0	20.59	20.77	20.90		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.53	23.93	23.90		
10	QPSK	1	25	23.61	23.81	23.85	24.8	0
10	QPSK	1	49	23.53	23.79	23.83		
10	QPSK	25	0	22.67	23.00	23.02		
10	QPSK	25	12	22.56	22.82	23.02	23.8	1
10	QPSK	25	25	22.68	22.82	22.91		
10	QPSK	50	0	22.59	22.93	22.92		
10	16QAM	1	0	22.93	22.95	23.11		
10	16QAM	1	25	22.86	23.16	23.29	23.8	1
10	16QAM	1	49	22.79	23.18	23.12		
10	16QAM	25	0	21.63	21.74	21.96		
10	16QAM	25	12	21.68	21.76	22.01	22.8	2
10	16QAM	25	25	21.70	21.80	21.94		
10	16QAM	50	0	21.70	21.72	21.97		
10	64QAM	1	0	21.78	21.79	21.92		
10	64QAM	1	25	21.70	22.00	22.08	22.8	2
10	64QAM	1	49	21.68	21.92	21.93		
10	64QAM	25	0	20.61	20.66	21.02		
10	64QAM	25	12	20.55	20.73	20.92	21.8	3
10	64QAM	25	25	20.61	20.78	20.90		
10	64QAM	50	0	20.66	20.72	20.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.59	23.95	23.90		
5	QPSK	1	12	23.59	23.76	23.95	24.8	0
5	QPSK	1	24	23.57	23.87	23.90		
5	QPSK	12	0	22.65	23.02	22.99		
5	QPSK	12	7	22.58	22.75	22.93	23.8	1
5	QPSK	12	13	22.65	22.83	22.97		
5	QPSK	25	0	22.56	22.92	22.94		
5	16QAM	1	0	22.83	23.02	23.15		
5	16QAM	1	12	22.91	23.07	23.25	23.8	1
5	16QAM	1	24	22.83	23.14	23.12		
5	16QAM	12	0	21.63	21.66	21.96		
5	16QAM	12	7	21.63	21.82	21.98	22.8	2
5	16QAM	12	13	21.69	21.76	21.95		
5	16QAM	25	0	21.69	21.82	21.99		
5	64QAM	1	0	21.74	21.81	21.93		
5	64QAM	1	12	21.69	21.96	22.03	22.8	2
5	64QAM	1	24	21.72	21.92	21.90		
5	64QAM	12	0	20.58	20.64	20.98		
5	64QAM	12	7	20.55	20.75	20.93	21.8	3
5	64QAM	12	13	20.65	20.80	20.96		
5	64QAM	25	0	20.64	20.76	21.00		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.58	23.90	23.94		
3	QPSK	1	8	23.60	23.83	23.91	24.8	0
3	QPSK	1	14	23.56	23.85	23.81		
3	QPSK	8	0	22.63	23.05	22.95		
3	QPSK	8	4	22.60	22.82	22.97	23.8	1
3	QPSK	8	7	22.62	22.77	22.94		
3	QPSK	15	0	22.64	22.97	22.97		
3	16QAM	1	0	22.86	23.00	23.05		
3	16QAM	1	8	22.82	23.14	23.28	23.8	1
3	16QAM	1	14	22.83	23.14	23.12		
3	16QAM	8	0	21.62	21.76	21.96		
3	16QAM	8	4	21.68	21.72	21.99	22.8	2
3	16QAM	8	7	21.71	21.86	21.89		
3	16QAM	15	0	21.68	21.78	21.92		
3	64QAM	1	0	21.76	21.76	21.98		
3	64QAM	1	8	21.66	21.96	22.06	22.8	2
3	64QAM	1	14	21.68	22.02	21.94		
3	64QAM	8	0	20.53	20.64	21.02		
3	64QAM	8	4	20.58	20.77	20.95	21.8	3
3	64QAM	8	7	20.71	20.86	20.90		
3	64QAM	15	0	20.66	20.77	21.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.55	23.97	23.88		
1.4	QPSK	1	3	23.53	23.85	23.93		
1.4	QPSK	1	5	23.58	23.80	23.91	24.8	0
1.4	QPSK	3	0	23.62	23.92	23.88		
1.4	QPSK	3	1	23.52	23.87	23.93		
1.4	QPSK	3	3	23.55	23.86	23.91		
1.4	QPSK	6	0	22.67	23.03	23.01	23.8	1
1.4	16QAM	1	0	22.62	22.75	22.97		
1.4	16QAM	1	3	22.61	22.83	23.00		
1.4	16QAM	1	5	22.58	22.95	22.98	23.8	1
1.4	16QAM	3	0	22.86	22.98	23.13		
1.4	16QAM	3	1	22.81	23.16	23.30		
1.4	16QAM	3	3	22.82	23.18	23.17		
1.4	16QAM	6	0	21.63	21.71	22.00	22.8	2
1.4	64QAM	1	0	21.62	21.80	22.00		
1.4	64QAM	1	3	21.74	21.82	21.89		
1.4	64QAM	1	5	21.68	21.72	21.88	22.8	2
1.4	64QAM	3	0	21.78	21.78	22.00		
1.4	64QAM	3	1	21.62	21.90	22.05		
1.4	64QAM	3	3	21.70	21.91	22.00		
1.4	64QAM	6	0	20.54	20.65	20.95	21.8	3

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.97	24.17	24.16		
20	QPSK	1	49	23.86	24.11	24.13	24.8	0
20	QPSK	1	99	23.95	24.08	24.04		
20	QPSK	50	0	22.98	23.18	23.16		
20	QPSK	50	24	22.94	23.10	23.12	23.8	1
20	QPSK	50	50	22.95	23.09	23.11		
20	QPSK	100	0	22.95	23.15	23.12		
20	16QAM	1	0	23.11	23.24	23.43		
20	16QAM	1	49	23.17	23.39	23.45	23.8	1
20	16QAM	1	99	23.20	23.38	23.32		
20	16QAM	50	0	21.89	22.01	22.20		
20	16QAM	50	24	21.94	22.07	22.19	22.8	2
20	16QAM	50	50	21.96	22.11	22.16		
20	16QAM	100	0	21.93	22.02	22.16		
20	64QAM	1	0	21.97	22.12	22.33		
20	64QAM	1	49	21.98	22.25	22.36	22.8	2
20	64QAM	1	99	22.04	22.24	22.20		
20	64QAM	50	0	20.90	21.02	21.19		
20	64QAM	50	24	20.94	21.10	21.19	21.8	3
20	64QAM	50	50	20.96	21.10	21.17		
20	64QAM	100	0	20.94	21.03	21.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.88	24.03	24.13		
15	QPSK	1	37	23.97	24.11	24.15	24.8	0
15	QPSK	1	74	23.93	24.09	24.13		
15	QPSK	36	0	22.89	23.04	23.23		
15	QPSK	36	20	22.94	23.10	23.19	23.8	1
15	QPSK	36	39	22.92	23.11	23.18		
15	QPSK	75	0	22.93	23.12	23.22		
15	16QAM	1	0	23.09	23.25	23.45		
15	16QAM	1	37	23.22	23.39	23.51	23.8	1
15	16QAM	1	74	23.18	23.30	23.38		
15	16QAM	36	0	21.90	22.05	22.23		
15	16QAM	36	20	21.95	22.11	22.21	22.8	2
15	16QAM	36	39	21.93	22.13	22.19		
15	16QAM	75	0	21.93	22.12	22.23		
15	64QAM	1	0	22.03	22.16	22.37		
15	64QAM	1	37	22.10	22.31	22.36	22.8	2
15	64QAM	1	74	22.07	22.24	22.29		
15	64QAM	36	0	20.92	21.07	21.24		
15	64QAM	36	20	20.97	21.15	21.22	21.8	3
15	64QAM	36	39	20.95	21.15	21.22		
15	64QAM	75	0	20.92	21.12	21.23		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.97	24.11	24.12		
10	QPSK	1	25	23.86	24.14	24.13	24.8	0
10	QPSK	1	49	23.92	24.16	24.10		
10	QPSK	25	0	22.90	23.11	23.26		
10	QPSK	25	12	22.92	23.14	23.25	23.8	1
10	QPSK	25	25	22.98	23.15	23.25		
10	QPSK	50	0	22.92	23.14	23.24		
10	16QAM	1	0	23.20	23.34	23.50		
10	16QAM	1	25	23.13	23.38	23.49	23.8	1
10	16QAM	1	49	23.18	23.46	23.43		
10	16QAM	25	0	21.87	22.08	22.23		
10	16QAM	25	12	21.89	22.12	22.25	22.8	2
10	16QAM	25	25	21.93	22.14	22.23		
10	16QAM	50	0	21.92	22.14	22.24		
10	64QAM	1	0	22.10	22.22	22.41		
10	64QAM	1	25	22.01	22.28	22.41	22.8	2
10	64QAM	1	49	22.06	22.37	22.38		
10	64QAM	25	0	20.89	21.10	21.24		
10	64QAM	25	12	20.89	21.11	21.23	21.8	3
10	64QAM	25	25	20.96	21.16	21.23		
10	64QAM	50	0	20.92	21.15	21.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.92	24.06	24.09		
5	QPSK	1	12	23.79	23.96	24.11	24.8	0
5	QPSK	1	24	23.87	23.97	23.91		
5	QPSK	12	0	22.91	23.07	23.11		
5	QPSK	12	7	22.84	23.08	23.08	23.8	1
5	QPSK	12	13	22.93	23.01	23.06		
5	QPSK	25	0	22.85	23.03	23.10		
5	16QAM	1	0	22.97	23.09	23.38		
5	16QAM	1	12	23.07	23.24	23.41	23.8	1
5	16QAM	1	24	23.16	23.25	23.29		
5	16QAM	12	0	21.80	21.98	22.11		
5	16QAM	12	7	21.82	21.92	22.08	22.8	2
5	16QAM	12	13	21.81	21.96	22.11		
5	16QAM	25	0	21.78	21.96	22.03		
5	64QAM	1	0	21.89	21.97	22.22		
5	64QAM	1	12	21.96	22.15	22.31	22.8	2
5	64QAM	1	24	21.96	22.15	22.15		
5	64QAM	12	0	20.85	20.96	21.08		
5	64QAM	12	7	20.87	20.99	21.16	21.8	3
5	64QAM	12	13	20.81	21.06	21.10		
5	64QAM	25	0	20.88	20.93	21.15		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.95	24.09	24.15		
3	QPSK	1	8	23.75	24.08	24.06	24.8	0
3	QPSK	1	14	23.87	24.00	23.94		
3	QPSK	8	0	22.91	23.14	23.10		
3	QPSK	8	4	22.89	23.02	23.03	23.8	1
3	QPSK	8	7	22.91	22.99	22.99		
3	QPSK	15	0	22.91	23.08	23.03		
3	16QAM	1	0	22.99	23.15	23.28		
3	16QAM	1	8	23.11	23.34	23.32	23.8	1
3	16QAM	1	14	23.11	23.34	23.29		
3	16QAM	8	0	21.85	21.98	22.14		
3	16QAM	8	4	21.88	21.96	22.12	22.8	2
3	16QAM	8	7	21.90	21.96	22.14		
3	16QAM	15	0	21.79	21.98	22.11		
3	64QAM	1	0	21.94	22.01	22.29		
3	64QAM	1	8	21.85	22.10	22.21	22.8	2
3	64QAM	1	14	21.93	22.14	22.08		
3	64QAM	8	0	20.84	20.99	21.09		
3	64QAM	8	4	20.86	21.01	21.09	21.8	3
3	64QAM	8	7	20.95	21.01	21.16		
3	64QAM	15	0	20.81	20.94	21.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.89	24.10	24.10		
1.4	QPSK	1	3	23.76	24.06	24.10		
1.4	QPSK	1	5	23.81	23.98	24.03	24.8	0
1.4	QPSK	3	0	23.87	24.14	24.04		
1.4	QPSK	3	1	23.73	23.96	24.01		
1.4	QPSK	3	3	23.87	23.98	24.02		
1.4	QPSK	6	0	22.89	23.10	23.01	23.8	1
1.4	16QAM	1	0	22.83	23.08	23.07		
1.4	16QAM	1	3	22.89	22.99	23.05		
1.4	16QAM	1	5	22.96	23.11	23.11	23.8	1
1.4	16QAM	3	0	22.86	23.13	23.05		
1.4	16QAM	3	1	22.80	22.99	23.03		
1.4	16QAM	3	3	22.91	23.05	23.03		
1.4	16QAM	6	0	21.75	21.95	22.18	22.8	2
1.4	64QAM	1	0	21.88	21.91	22.12		
1.4	64QAM	1	3	21.74	21.91	22.16		
1.4	64QAM	1	5	21.76	21.96	22.10	22.8	2
1.4	64QAM	3	0	21.77	21.95	22.10		
1.4	64QAM	3	1	21.86	21.89	22.18		
1.4	64QAM	3	3	21.77	21.99	22.14		
1.4	64QAM	6	0	20.87	20.92	21.17	21.8	3

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.45	23.60	23.55		
20	QPSK	1	49	23.30	23.51	23.53	24.3	0
20	QPSK	1	99	23.35	23.43	23.40		
20	QPSK	50	0	22.50	22.60	22.56		
20	QPSK	50	24	22.40	22.50	22.53	23.3	1
20	QPSK	50	50	22.40	22.52	22.52		
20	QPSK	100	0	22.38	22.55	22.53		
20	16QAM	1	0	22.49	22.69	22.78		
20	16QAM	1	49	22.57	22.75	22.75	23.3	1
20	16QAM	1	99	22.60	22.66	22.68		
20	16QAM	50	0	21.34	21.43	21.56		
20	16QAM	50	24	21.37	21.49	21.56	22.3	2
20	16QAM	50	50	21.36	21.50	21.52		
20	16QAM	100	0	21.36	21.42	21.53		
20	64QAM	1	0	21.48	21.63	21.76		
20	64QAM	1	49	21.52	21.75	21.74	22.3	2
20	64QAM	1	99	21.57	21.62	21.65		
20	64QAM	50	0	20.35	20.43	20.53		
20	64QAM	50	24	20.37	20.51	20.57	21.3	3
20	64QAM	50	50	20.37	20.51	20.53		
20	64QAM	100	0	20.36	20.47	20.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.33	23.47	23.42		
15	QPSK	1	37	23.19	23.43	23.48	24.3	0
15	QPSK	1	74	23.20	23.31	23.33		
15	QPSK	36	0	22.43	22.46	22.46		
15	QPSK	36	20	22.33	22.42	22.37	23.3	1
15	QPSK	36	39	22.34	22.38	22.38		
15	QPSK	75	0	22.33	22.50	22.46		
15	16QAM	1	0	22.33	22.61	22.71		
15	16QAM	1	37	22.51	22.61	22.62	23.3	1
15	16QAM	1	74	22.45	22.57	22.53		
15	16QAM	36	0	21.29	21.31	21.49		
15	16QAM	36	20	21.32	21.35	21.49	22.3	2
15	16QAM	36	39	21.31	21.38	21.41		
15	16QAM	75	0	21.28	21.30	21.45		
15	64QAM	1	0	21.34	21.47	21.70		
15	64QAM	1	37	21.38	21.63	21.66	22.3	2
15	64QAM	1	74	21.45	21.53	21.50		
15	64QAM	36	0	20.24	20.30	20.42		
15	64QAM	36	20	20.21	20.36	20.44	21.3	3
15	64QAM	36	39	20.32	20.37	20.43		
15	64QAM	75	0	20.21	20.39	20.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.30	23.46	23.44		
10	QPSK	1	25	23.16	23.44	23.42	24.3	0
10	QPSK	1	49	23.20	23.31	23.34		
10	QPSK	25	0	22.34	22.54	22.46		
10	QPSK	25	12	22.26	22.37	22.42	23.3	1
10	QPSK	25	25	22.27	22.36	22.37		
10	QPSK	50	0	22.23	22.41	22.44		
10	16QAM	1	0	22.42	22.56	22.65		
10	16QAM	1	25	22.52	22.69	22.66	23.3	1
10	16QAM	1	49	22.48	22.61	22.58		
10	16QAM	25	0	21.32	21.32	21.50		
10	16QAM	25	12	21.32	21.40	21.51	22.3	2
10	16QAM	25	25	21.30	21.35	21.47		
10	16QAM	50	0	21.31	21.30	21.46		
10	64QAM	1	0	21.36	21.48	21.68		
10	64QAM	1	25	21.42	21.66	21.61	22.3	2
10	64QAM	1	49	21.42	21.52	21.59		
10	64QAM	25	0	20.23	20.33	20.45		
10	64QAM	25	12	20.26	20.45	20.48	21.3	3
10	64QAM	25	25	20.28	20.39	20.43		
10	64QAM	50	0	20.31	20.34	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.38	23.46	23.48		
5	QPSK	1	12	23.17	23.39	23.38	24.3	0
5	QPSK	1	24	23.21	23.29	23.28		
5	QPSK	12	0	22.45	22.44	22.47		
5	QPSK	12	7	22.26	22.39	22.45	23.3	1
5	QPSK	12	13	22.24	22.36	22.45		
5	QPSK	25	0	22.25	22.42	22.44		
5	16QAM	1	0	22.41	22.54	22.62		
5	16QAM	1	12	22.44	22.65	22.70	23.3	1
5	16QAM	1	24	22.46	22.54	22.59		
5	16QAM	12	0	21.28	21.29	21.47		
5	16QAM	12	7	21.31	21.41	21.47	22.3	2
5	16QAM	12	13	21.29	21.37	21.47		
5	16QAM	25	0	21.33	21.30	21.41		
5	64QAM	1	0	21.41	21.49	21.62		
5	64QAM	1	12	21.46	21.66	21.67	22.3	2
5	64QAM	1	24	21.49	21.53	21.53		
5	64QAM	12	0	20.29	20.37	20.47		
5	64QAM	12	7	20.24	20.42	20.52	21.3	3
5	64QAM	12	13	20.30	20.39	20.47		
5	64QAM	25	0	20.21	20.35	20.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.37	23.54	23.41		
3	QPSK	1	8	23.20	23.44	23.40	24.3	0
3	QPSK	1	14	23.25	23.27

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.80	23.88	23.84	24.8	0
10	QPSK	1	25	23.74	23.79	23.76		
10	QPSK	1	49	23.74	23.81	23.74		
10	QPSK	25	0	22.78	22.85	22.82	23.8	1
10	QPSK	25	12	22.77	22.78	22.79		
10	QPSK	25	25	22.76	22.78	22.78		
10	QPSK	50	0	22.75	22.78	22.77		
10	16QAM	1	0	22.84	23.00	23.03	23.8	1
10	16QAM	1	25	22.99	23.03	22.96		
10	16QAM	1	49	22.97	23.04	22.96		
10	16QAM	25	0	21.79	21.81	21.85	22.8	2
10	16QAM	25	12	21.83	21.82	21.82		
10	16QAM	25	25	21.84	21.79	21.78		
10	16QAM	50	0	21.80	21.81	21.83		
10	64QAM	1	0	21.82	21.96	22.01	22.8	2
10	64QAM	1	25	21.97	21.98	21.97		
10	64QAM	1	49	22.02	21.94	21.95		
10	64QAM	25	0	20.79	20.80	20.84	21.8	3
10	64QAM	25	12	20.81	20.81	20.82		
10	64QAM	25	25	20.83	20.78	20.77		
10	64QAM	50	0	20.79	20.78	20.81		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.73	23.78	23.72	24.8	0
5	QPSK	1	12	23.62	23.68	23.60		
5	QPSK	1	24	23.63	23.76	23.63		
5	QPSK	12	0	22.68	22.77	22.75	23.8	1
5	QPSK	12	7	22.65	22.66	22.72		
5	QPSK	12	13	22.64	22.65	22.65		
5	QPSK	25	0	22.66	22.67	22.68		
5	16QAM	1	0	22.75	22.95	22.97	23.8	1
5	16QAM	1	12	22.92	22.92	22.82		
5	16QAM	1	24	22.89	22.88	22.85		
5	16QAM	12	0	21.71	21.69	21.74	22.8	2
5	16QAM	12	7	21.81	21.66	21.70		
5	16QAM	12	13	21.79	21.71	21.63		
5	16QAM	25	0	21.73	21.75	21.67		
5	64QAM	1	0	21.67	21.82	21.91	22.8	2
5	64QAM	1	12	21.88	21.91	21.92		
5	64QAM	1	24	21.88	21.81	21.81		
5	64QAM	12	0	20.68	20.71	20.77	21.8	3
5	64QAM	12	7	20.67	20.69	20.68		
5	64QAM	12	13	20.75	20.71	20.64		
5	64QAM	25	0	20.74	20.63	20.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.73	23.73	23.70	24.8	0
3	QPSK	1	8	23.68	23.73	23.63		
3	QPSK	1	14	23.62	23.70	23.62		
3	QPSK	8	0	22.72	22.80	22.72	23.8	1
3	QPSK	8	4	22.67	22.71	22.65		
3	QPSK	8	7	22.61	22.70	22.62		
3	QPSK	15	0	22.69	22.70	22.62		
3	16QAM	1	0	22.71	22.89	22.94	23.8	1
3	16QAM	1	8	22.86	22.88	22.89		
3	16QAM	1	14	22.88	22.90	22.85		
3	16QAM	8	0	21.76	21.75	21.74	22.8	2
3	16QAM	8	4	21.78	21.73	21.75		
3	16QAM	8	7	21.78	21.71	21.67		
3	16QAM	15	0	21.74	21.72	21.68		
3	64QAM	1	0	21.72	21.85	21.91	22.8	2
3	64QAM	1	8	21.83	21.86	21.87		
3	64QAM	1	14	21.97	21.85	21.81		
3	64QAM	8	0	20.69	20.73	20.68	21.8	3
3	64QAM	8	4	20.65	20.68	20.67		
3	64QAM	8	7	20.72	20.72	20.71		
3	64QAM	15	0	20.73	20.72	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.70	23.73	23.76	24.8	0
1.4	QPSK	1	3	23.68	23.63	23.63		
1.4	QPSK	1	5	23.68	23.71	23.65		
1.4	QPSK	3	0	23.69	23.76	23.72		
1.4	QPSK	3	1	23.63	23.68	23.63		
1.4	QPSK	3	3	23.63	23.71	23.69		
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	1
1.4	16QAM	1	0	22.64	22.65	22.71	23.8	1
1.4	16QAM	1	3	22.63	22.66	22.73		
1.4	16QAM	1	5	22.60	22.70	22.70		
1.4	16QAM	3	0	22.79	22.85	22.91		
1.4	16QAM	3	1	22.84	22.90	22.84		
1.4	16QAM	3	3	22.86	22.92	22.85		
1.4	16QAM	6	0	21.71	21.70	21.77	22.8	2
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	2
1.4	64QAM	1	3	21.81	21.66	21.65		
1.4	64QAM	1	5	21.72	21.67	21.69		
1.4	64QAM	3	0	21.66	21.86	21.95		
1.4	64QAM	3	1	21.91	21.84	21.84		
1.4	64QAM	3	3	21.89	21.89	21.88		
1.4	64QAM	6	0	20.63	20.64	20.75	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.83	23.85	23.81	24.8	0
10	QPSK	1	25	23.77	23.71	23.76		
10	QPSK	1	49	23.78	23.76	23.76		
10	QPSK	25	0	22.76	22.78	22.75	23.8	1
10	QPSK	25	12	22.72	22.75	22.73		
10	QPSK	25	25	22.75	22.73	22.74		
10	QPSK	50	0	22.74	22.75	22.74		
10	16QAM	1	0	22.84	23.03	23.01	23.8	1
10	16QAM	1	25	22.94	22.90	22.95		
10	16QAM	1	49	22.97	22.93	22.93		
10	16QAM	25	0	21.71	21.70	21.71	22.8	2
10	16QAM	25	12	21.73	21.69	21.72		
10	16QAM	25	25	21.74	21.68	21.68		
10	16QAM	50	0	21.74	21.71	21.69		
10	64QAM	1	0	21.75	21.94	21.87	22.8	2
10	64QAM	1	25	21.87	21.88	21.85		
10	64QAM	1	49	21.89	21.88	21.92		
10	64QAM	25	0	20.70	20.68	20.70	21.8	3
10	64QAM	25	12	20.73	20.67	20.73		
10	64QAM	25	25	20.74	20.68	20.67		
10	64QAM	50	0	20.73	20.69	20.69		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.77	23.81	23.74	24.8	0
5	QPSK	1	12	23.70	23.65	23.61		
5	QPSK	1	24	23.76	23.67	23.65		
5	QPSK	12	0	22.58	22.58	22.58	23.8	1
5	QPSK	12	7	22.67	22.66	22.69		
5	QPSK	12	13	22.74	22.68	22.64		
5	QPSK	25	0	22.73	22.71	22.71		
5	16QAM	1	0	22.80	22.97	22.99	23.8	1
5	16QAM	1	12	22.88	22.88	22.81		
5	16QAM	1	24	22.91	22.90	22.79		
5	16QAM	12	0	21.69	21.58	21.67	22.8	2
5	16QAM	12	7	21.71	21.63	21.66		
5	16QAM	12	13	21.61	21.59	21.67		
5	16QAM	25	0	21.66	21.68	21.61		
5	64QAM	1	0	21.61	21.92	21.79	22.8	2
5	64QAM	1	12	21.82	21.73	21.76		
5	64QAM	1	24	21.86	21.86	21.85		
5	64QAM	12	0	20.69	20.54	20.66	21.8	3
5	64QAM	12	7	20.59	20.64	20.58		
5	64QAM	12	13	20.64	20.55	20.61		
5	64QAM	25	0	20.69	20.64	20.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.69	23.77	23.69	24.8	0
3	QPSK	1	8	23.66	23.66	23.64		
3	QPSK	1	14	23.73	23.61	23.67		
3	QPSK	8	0	22.59	22.66	22.61	23.8	1
3	QPSK	8	4	22.71	22.65	22.62		
3	QPSK	8	7	22.68	22.58	22.60		
3	QPSK	15	0	22.72	22.73	22.65		
3	16QAM	1	0	22.81	22.94	22.93	23.8	1
3	16QAM	1	8	22.81	22.81	22.81		
3	16QAM	1	14	22.83	22.83	22.83		
3	16QAM	8	0	21.56	21.57	21.56	22.8	2
3	16QAM	8	4	21.58	21.59	21.71		
3	16QAM	8	7	21.73	21.54	21.62		
3	16QAM	15	0	21.66	21.60	21.54		
3	64QAM	1	0	21.69	21.83	21.76	22.8	2
3	64QAM	1	8	21.74	21.80	21.74		
3	64QAM	1	14	21.84	21.79	21.90		
3	64QAM	8	0	20.62	20.61	20.56	21.8	3
3	64QAM	8	4	20.68	20.55	20.64		
3	64QAM	8	7	20.70	20.60	20.52		
3	64QAM	15	0	20.68	20.57	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.73	23.83	23.66	24.8	0
1.4	QPSK	1	3	23.71	23.62	23.65		
1.4	QPSK	1	5	23.76	23.62	23.67		
1.4	QPSK	3	0	23.77	23.72	23.75		
1.4	QPSK	3	1	23.74	23.63	23.74		
1.4	QPSK	3	3	23.70	23.65	23.61		
1.4	QPSK	6	0	22.61	22.67	22.58	23.8	1
1.4	16QAM	1	0	22.64	22.69	22.69	23.8	1
1.4	16QAM	1	3	22.69	22.69	22.69		
1.4	16QAM	1	5	22.70	22.73	22.72		
1.4	16QAM	3	0	22.83	22.95	22.96		
1.4	16QAM	3	1	22.82	22.85	22.91		
1.4	16QAM	3	3	22.86	22.90	22.88		
1.4	16QAM	6	0	21.56	21.68	21.61	22.8	2
1.4	64QAM	1	0	21.70	21.66	21.65	22.8	2
1.4	64QAM	1	3	21.61	21.57	21.65		
1.4	64QAM	1	5	21.68	21.69	21.70		
1.4	64QAM	3	0	21.58	21.60	21.67		
1.4	64QAM	3	1	21.67	21.57	21.65		
1.4	64QAM	3	3	21.67	21.69	21.62		
1.4	64QAM	6	0	20.62	20.66	20.57	21.8	3

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.44	24.50	24.46	24.8	0
20	QPSK	1	49	24.32	24.48	24.43		
20	QPSK	1	99	24.38	24.41	24.43		
20	QPSK	50	0	23.35	23.45	23.43	23.8	1
20	QPSK	50	24	23.28	23.43	23.40		
20	QPSK	50	50	23.32	23.44	23.41		
20	QPSK	100	0	23.25	23.47	23.46		
20	16QAM	1	0	23.41	23.66	23.59	23.8	1
20	16QAM	1	49	23.56	23.72	23.76		
20	16QAM	1	99	23.64	23.68	23.65		
20	16QAM	50	0	22.19	22.38	22.40	22.8	2
20	16QAM	50	24	22.25	22.40	22.46		
20	16QAM	50	50	22.32	22.42	22.51		
20	16QAM	100	0	22.23	22.40	22.46		
20	64QAM	1	0	22.24	22.47	22.41	22.8	2
20	64QAM	1	49	22.41	22.56	22.60		
20	64QAM	1	99	22.47	22.47	22.68		
20	64QAM	50	0	21.22	21.39	21.43	21.8	3
20	64QAM	50	24	21.30	21.44	21.49		
20	64QAM	50	50	21.34	21.44	21.54		
20	64QAM	100	0	21.26	21.43	21.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.28	24.37	24.36	24.8	0
15	QPSK	1	37	24.23	24.41	24.33		
15	QPSK	1	74	24.29	24.26	24.34		
15	QPSK	36	0	23.27	23.29	23.38	23.8	1
15	QPSK	36	20	23.23	23.32	23.32		
15	QPSK	36	39	23.20	23.30	23.29		
15	QPSK	75	0	23.17	23.40	23.35		
15	16QAM	1	0	23.33	23.56	23.46	23.8	1
15	16QAM	1	37	23.47	23.57	23.63		
15	16QAM	1	74	23.51	23.60	23.50		
15	16QAM	36	0	22.11	22.25	22.28	22.8	2
15	16QAM	36	20	22.17	22.27	22.37		
15	16QAM	36	39	22.25	22.28	22.35		
15	16QAM	75	0	22.21	22.34	22.38		
15	64QAM	1	0	22.11	22.32	22.25	22.8	2
15	64QAM	1	37	22.26	22.42	22.47		
15	64QAM	1	74	22.37	22.41	22.56		
15	64QAM	36	0	21.08	21.30	21.27	21.8	3
15	64QAM	36	20	21.24	21.30	21.43		
15	64QAM	36	39	21.24	21.36	21.40		
15	64QAM	75	0	21.12	21.28	21.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.32	24.35	24.34	24.8	0
10	QPSK	1	25	24.20	24.35	24.29		
10	QPSK	1	49	24.28	24.33	24.38		
10	QPSK	25	0	23.29	23.35	23.31	23.8	1
10	QPSK	25	12	23.18	23.29	23.33		
10	QPSK	25	25	23.22	23.39	23.26		
10	QPSK	50	0	23.14	23.36	23.33		
10	16QAM	1	0	23.27	23.53	23.54	23.8	1
10	16QAM	1	25	23.42	23.64	23.61		
10	16QAM	1	49	23.56	23.62	23.54		
10	16QAM	25	0	22.15	22.26	22.28	22.8	2
10	16QAM	25	12	22.20	22.29	22.40		
10	16QAM	25	25	22.25	22.28	22.39		
10	16QAM	50	0	22.21	22.29	22.31		
10	64QAM	1	0	22.13	22.40	22.33	22.8	2
10	64QAM	1	25	22.32	22.46	22.52		
10	64QAM	1	49	22.35	22.41	22.61		
10	64QAM	25	0	21.13	21.24	21.36	21.8	3
10	64QAM	25	12	21.20	21.34	21.36		
10	64QAM	25	25	21.29	21.31	21.45		
10	64QAM	50	0	21.14	21.27	21.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.33	24.40	24.37	24.8	0
5	QPSK	1	12	24.18	24.40	24.27		
5	QPSK	1	24	24.27	24.27	24.38		
5	QPSK	12	0	23.29	23.31	23.35	23.8	1
5	QPSK	12	7	23.21	23.27	23.30		
5	QPSK	12	13	23.25	23.35	23.28		
5	QPSK	25	0	23.13	23.42	23.34		
5	16QAM	1	0	23.27	23.56	23.48	23.8	1
5	16QAM	1	12	23.44	23.58	23.66		
5	16QAM	1	24	23.49	23.58	23.52		
5	16QAM	12	0	22.12	22.33	22.24	22.8	2
5	16QAM	12	7	22.22	22.31	22.33		
5	16QAM	12	13	22.26	22.30	22.43		
5	16QAM	25	0	22.21	22.34	22.40		
5	64QAM	1	0	22.14	22.34	22.27	22.8	2
5	64QAM	1	12	22.32	22.44	22.45		
5	64QAM	1	24	22.36	22.40	22.57		
5	64QAM	12	0	21.06	21.32	21.33	21.8	3
5	64QAM	12	7	21.18	21.39	21.35		
5	64QAM	12	13	21.22	21.39	21.39		
5	64QAM	25	0	21.17	21.36	21.34		

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.53	24.55	24.50	24.8	0
20	QPSK	1	49	24.52	24.40	24.45		
20	QPSK	1	99	24.48	24.49	24.19		
20	QPSK	50	0	23.48	23.50	23.45	23.8	1
20	QPSK	50	24	23.45	23.44	23.42		
20	QPSK	50	50	23.47	23.49	23.44		
20	QPSK	100	0	23.42	23.48	23.46		
20	16QAM	1	0	23.67	23.63	23.53	23.8	1
20	16QAM	1	49	23.66	23.63	23.65		
20	16QAM	1	99	23.71	23.73	23.55		
20	16QAM	50	0	22.40	22.39	22.49	22.8	2
20	16QAM	50	24	22.47	22.42	22.51		
20	16QAM	50	50	22.46	22.48	22.57		
20	16QAM	100	0	22.41	22.45	22.51		
20	64QAM	1	0	22.55	22.62	22.52	22.8	2
20	64QAM	1	49	22.61	22.64	22.63		
20	64QAM	1	99	22.62	22.58	22.59		
20	64QAM	50	0	21.44	21.43	21.51	21.8	3
20	64QAM	50	24	21.48	21.45	21.55		
20	64QAM	50	50	21.47	21.51	21.60		
20	64QAM	100	0	21.44	21.47	21.53		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.50	24.43	24.41	24.8	0
15	QPSK	1	37	24.50	24.45	24.45		
15	QPSK	1	74	24.52	24.47	24.28		
15	QPSK	36	0	23.41	23.37	23.49	23.8	1
15	QPSK	36	20	23.45	23.42	23.46		
15	QPSK	36	39	23.48	23.43	23.41		
15	QPSK	75	0	23.48	23.44	23.50		
15	16QAM	1	0	23.62	23.63	23.59	23.8	1
15	16QAM	1	37	23.67	23.65	23.66		
15	16QAM	1	74	23.70	23.69	23.59		
15	16QAM	36	0	22.44	22.39	22.50	22.8	2
15	16QAM	36	20	22.48	22.42	22.52		
15	16QAM	36	39	22.50	22.46	22.54		
15	16QAM	75	0	22.48	22.47	22.58		
15	64QAM	1	0	22.63	22.60	22.56	22.8	2
15	64QAM	1	37	22.60	22.64	22.66		
15	64QAM	1	74	22.63	22.63	22.69		
15	64QAM	36	0	21.45	21.43	21.53	21.8	3
15	64QAM	36	20	21.49	21.47	21.55		
15	64QAM	36	39	21.51	21.48	21.62		
15	64QAM	75	0	21.50	21.46	21.57		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.48	24.50	24.47	24.8	0
10	QPSK	1	25	24.53	24.34	24.33		
10	QPSK	1	49	24.45	24.42	24.15		
10	QPSK	25	0	23.52	23.46	23.36	23.8	1
10	QPSK	25	12	23.52	23.43	23.38		
10	QPSK	25	25	23.58	23.44	23.39		
10	QPSK	50	0	23.54	23.41	23.37		
10	16QAM	1	0	23.79	23.62	23.51	23.8	1
10	16QAM	1	25	23.66	23.55	23.52		
10	16QAM	1	49	23.80	23.68	23.45		
10	16QAM	25	0	22.54	22.48	22.40	22.8	2
10	16QAM	25	12	22.52	22.47	22.44		
10	16QAM	25	25	22.58	22.49	22.47		
10	16QAM	50	0	22.53	22.48	22.46		
10	64QAM	1	0	22.72	22.62	22.55	22.8	2
10	64QAM	1	25	22.66	22.55	22.57		
10	64QAM	1	49	22.79	22.66	22.51		
10	64QAM	25	0	21.53	21.49	21.52	21.8	3
10	64QAM	25	12	21.54	21.48	21.56		
10	64QAM	25	25	21.60	21.54	21.58		
10	64QAM	50	0	21.54	21.52	21.57		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.48	24.41	24.37	24.8	0
5	QPSK	1	12	24.50	24.34	24.40		
5	QPSK	1	24	24.36	24.35	24.16		
5	QPSK	12	0	23.41	23.39	23.31	23.8	1
5	QPSK	12	7	23.34	23.40	23.37		
5	QPSK	12	13	23.41	23.46	23.31		
5	QPSK	25	0	23.37	23.40	23.44		
5	16QAM	1	0	23.61	23.55	23.43	23.8	1
5	16QAM	1	12	23.51	23.54	23.57		
5	16QAM	1	24	23.57	23.70	23.43		
5	16QAM	12	0	22.32	22.29	22.34	22.8	2
5	16QAM	12	7	22.42	22.40	22.50		
5	16QAM	12	13	22.37	22.42	22.54		
5	16QAM	25	0	22.36	22.30	22.50		
5	64QAM	1	0	22.54	22.53	22.45	22.8	2
5	64QAM	1	12	22.52	22.54	22.56		
5	64QAM	1	24	22.56	22.50	22.51		
5	64QAM	12	0	21.30	21.30	21.43	21.8	3
5	64QAM	12	7	21.44	21.30	21.41		
5	64QAM	12	13	21.37	21.44	21.51		
5	64QAM	25	0	21.29	21.39	21.43		

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BW [MHz]	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	23.30	23.25	24.1	0
20	QPSK	1	49	23.25	23.20	23.01		
20	QPSK	1	99	23.22	23.16	23.20		
20	QPSK	50	0	22.26	22.28	22.22	23.1	1
20	QPSK	50	24	22.23	22.15	22.13		
20	QPSK	50	50	22.23	22.20	22.20		
20	QPSK	100	0	22.20	22.25	22.21		
20	16QAM	1	0	22.41	22.34	22.37	23.1	1
20	16QAM	1	49	22.47	22.38	22.19		
20	16QAM	1	99	22.47	22.35	22.50		
20	16QAM	50	0	21.18	21.13	21.22	22.1	2
20	16QAM	50	24	21.23	21.14	21.19		
20	16QAM	50	50	21.22	21.20	21.29		
20	16QAM	100	0	21.17	21.16	21.25		
20	64QAM	1	0	21.35	21.36	21.28	22.1	2
20	64QAM	1	49	21.44	21.39	21.29		
20	64QAM	1	99	21.43	21.24	21.57		
20	64QAM	50	0	20.20	20.14	20.24	21.1	3
20	64QAM	50	24	20.26	20.16	20.27		
20	64QAM	50	50	20.23	20.20	20.34		
20	64QAM	100	0	20.20	20.19	20.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.20	23.23	23.11	24.1	0
15	QPSK	1	37	23.17	23.13	22.93		
15	QPSK	1	74	23.11	23.02	23.12		
15	QPSK	36	0	22.19	22.17	22.06	23.1	1
15	QPSK	36	20	22.12	22.09	22.02		
15	QPSK	36	39	22.18	22.05	22.04		
15	QPSK	75	0	22.06	22.12	22.05		
15	16QAM	1	0	22.36	22.22	22.30	23.1	1
15	16QAM	1	37	22.35	22.30	22.12		
15	16QAM	1	74	22.31	22.22	22.41		
15	16QAM	36	0	21.12	21.06	21.10	22.1	2
15	16QAM	36	20	21.17	20.99	21.14		
15	16QAM	36	39	21.17	21.14	21.19		
15	16QAM	75	0	21.10	21.05	21.18		
15	64QAM	1	0	21.22	21.26	21.12	22.1	2
15	64QAM	1	37	21.28	21.29	21.14		
15	64QAM	1	74	21.34	21.13	21.47		
15	64QAM	36	0	20.05	20.01	20.08	21.1	3
15	64QAM	36	20	20.15	20.05	20.20		
15	64QAM	36	39	20.07	20.12	20.21		
15	64QAM	75	0	20.13	20.05	20.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.23	23.17	23.13	24.1	0
10	QPSK	1	25	23.15	23.15	22.88		
10	QPSK	1	49	23.16	23.11	23.12		
10	QPSK	25	0	22.13	22.22	22.09	23.1	1
10	QPSK	25	12	22.08	22.09	21.97		
10	QPSK	25	25	22.15	22.07	22.06		
10	QPSK	50	0	22.13	22.17	22.13		
10	16QAM	1	0	22.36	22.29	22.22	23.1	1
10	16QAM	1	25	22.42	22.24	22.09		
10	16QAM	1	49	22.31	22.21	22.43		
10	16QAM	25	0	21.15	21.04	21.12	22.1	2
10	16QAM	25	12	21.20	21.04	21.09		
10	16QAM	25	25	21.18	21.15	21.17		
10	16QAM	50	0	21.12	21.09	21.13		
10	64QAM	1	0	21.30	21.21	21.20	22.1	2
10	64QAM	1	25	21.36	21.32	21.13		
10	64QAM	1	49	21.33	21.19	21.49		
10	64QAM	25	0	20.04	20.02	20.18	21.1	3
10	64QAM	25	12	20.16	20.09	20.19		
10	64QAM	25	25	20.10	20.05	20.29		
10	64QAM	50	0	20.07	20.05	20.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.13	23.18	23.09	24.1	0
5	QPSK	1	12	23.19	23.14	22.88		
5	QPSK	1	24	23.13	23.07	23.11		
5	QPSK	12	0	22.11	22.23	22.11	23.1	1
5	QPSK	12	7	22.11	22.04	22.07		
5	QPSK	12	13	22.17	22.04	22.08		
5	QPSK	25	0	22.07	22.12	22.05		
5	16QAM	1	0	22.26	22.24	22.32	23.1	1
5	16QAM	1	12	22.37	22.25	22.04		
5	16QAM	1	24	22.42	22.20	22.35		
5	16QAM	12	0	21.13	21.05	21.15	22.1	2
5	16QAM	12	7	21.18	21.06	21.11		
5	16QAM	12	13	21.16	21.05	21.24		
5	16QAM	25	0	21.13	21.07	21.14		
5	64QAM	1	0	21.21	21.27	21.20	22.1	2
5	64QAM	1	12	21.37	21.34	21.19		
5	64QAM	1	24	21.32	21.12	21.51		
5	64QAM	12	0	20.09	20.09	20.10	21.1	3
5	64QAM	12	7	20.21	20.10	20.16		
5	64QAM	12	13	20.14	20.08	20.29		
5	64QAM	25	0	20.07	20.12	20.23		

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BW [MHz]	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	23.85	23.90	23.86	24.8	0
10	QPSK	1	25	23.73	23.80	23.78		
10	QPSK	1	49	23.80	23.84	23.85		
10	QPSK	25	0	22.87	22.90	22.89	23.8	1
10	QPSK	25	12	22.83	22.83	22.84		
10	QPSK	25	25	22.85	22.84	22.87		
10	QPSK	50	0	22.80	22.84	22.83		
10	16QAM	1	0	23.02	22.97	23.07	23.8	1
10	16QAM	1	25	23.03	23.10	23.06		
10	16QAM	1	49	23.17	23.12	23.07		
10	16QAM	25	0	21.72	21.78	21.79	22.8	2
10	16QAM	25	12	21.80	21.80	21.82		
10	16QAM	25	25	21.83	21.81	21.84		
10	16QAM	50	0	21.79	21.83	21.82		
10	64QAM	1	0	21.89	21.89	21.98	22.8	2
10	64QAM	1	25	21.89	22.00	21.97		
10	64QAM	1	49	22.03	22.04	22.00		
10	64QAM	25	0	20.70	20.78	20.77	21.8	3
10	64QAM	25	12	20.79	20.80	20.80		
10	64QAM	25	25	20.82	20.82	20.84		
10	64QAM	50	0	20.78	20.79	20.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.73	23.79	23.81	24.8	0
5	QPSK	1	12	23.65	23.71	23.72		
5	QPSK	1	24	23.73	23.77	23.73		
5	QPSK	12	0	22.82	22.74	22.76	23.8	1
5	QPSK	12	7	22.74	22.77	22.78		
5	QPSK	12	13	22.78	22.77	22.74		
5	QPSK	25	0	22.65	22.72	22.77		
5	16QAM	1	0	22.96	22.82	22.96	23.8	1
5	16QAM	1	12	22.91	22.94	23.00		
5	16QAM	1	24	23.06	22.99	22.94		
5	16QAM	12	0	21.70	21.69	21.71	22.8	2
5	16QAM	12	7	21.75	21.67	21.76		
5	16QAM	12	13	21.75	21.75	21.76		
5	16QAM	25	0	21.77	21.71	21.74		
5	64QAM	1	0	21.84	21.84	21.91	22.8	2
5	64QAM	1	12	21.80	21.91	21.82		
5	64QAM	1	24	21.87	21.96	21.92		
5	64QAM	12	0	20.64	20.67	20.68	21.8	3
5	64QAM	12	7	20.64	20.71	20.69		
5	64QAM	12	13	20.73	20.68	20.79		
5	64QAM	25	0	20.69	20.64	20.76		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.77	23.81	23.76	24.8	0
3	QPSK	1	8	23.61	23.72	23.71		
3	QPSK	1	14	23.69	23.70	23.74		
3	QPSK	8	0	22.74	22.74	22.77	23.8	1
3	QPSK	8	4	22.71	22.72	22.77		
3	QPSK	8	7	22.73	22.76	22.72		
3	QPSK	15	0	22.67	22.78	22.67		
3	16QAM	1	0	22.90	22.89	22.92	23.8	1
3	16QAM	1	8	22.95	23.03	23.01		
3	16QAM	1	14	23.06	23.00	23.01		
3	16QAM	8	0	21.66	21.69	21.64	22.8	2
3	16QAM	8	4	21.72	21.68	21.74		
3	16QAM	8	7	21.76	21.68	21.73		
3	16QAM	15	0	21.73	21.69	21.75		
3	64QAM	1	0	21.74	21.76	21.86	22.8	2
3	64QAM	1	8	21.78	21.87	21.90		
3	64QAM	1	14	21.90	21.89	21.89		
3	64QAM	8	0	20.61	20.62	20.62	21.8	3
3	64QAM	8	4	20.64	20.71	20.72		
3	64QAM	8	7	20.72	20.72	20.70		
3	64QAM	15	0	20.71	20.65	20.77		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.78	23.76	23.79	24.8	0
1.4	QPSK	1	3	23.65	23.73	23.65		
1.4	QPSK	1	5	23.75	23.74	23.79		
1.4	QPSK	3	0	23.77	23.83	23.81		
1.4	QPSK	3	1	23.64	23.71	23.72		
1.4	QPSK	3	3	23.69	23.69	23.69		
1.4	QPSK	6	0	22.72	22.81	22.75	23.8	1
1.4	16QAM	1	0	22.76	22.77	22.69	23.8	1
1.4	16QAM	1	3	22.74	22.77	22.75		
1.4	16QAM	1	5	22.72	22.72	22.67		
1.4	16QAM	3	0	22.86	22.82	23.01		
1.4	16QAM	3	1	22.96	23.02	22.97		
1.4	16QAM	3	3	23.12	22.98	22.98		
1.4	16QAM	6	0	21.68	21.62	21.63	22.8	2
1.4	64QAM	1	0	21.73	21.69	21.67	22.8	2
1.4	64QAM	1	3	21.81	21.66	21.78		
1.4	64QAM	1	5	21.73	21.76	21.75		
1.4	64QAM	3	0	21.74	21.80	21.89		
1.4	64QAM	3	1	21.79	21.90	21.87		
1.4	64QAM	3	3	21.94	21.91	21.84		
1.4	64QAM	6	0	20.59	20.64	20.62	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.04	24.06	24.02	24.8	0
10	QPSK	1	25	23.91	23.97	23.89		
10	QPSK	1	49	24.03	23.98	23.95		
10	QPSK	25	0	22.97	22.99	22.95	23.8	1
10	QPSK	25	12	22.96	22.95	22.93		
10	QPSK	25	25	22.95	22.96	22.93		
10	QPSK	50	0	22.96	22.97	22.94		
10	16QAM	1	0	23.17	23.13	23.22	23.8	1
10	16QAM	1	25	23.12	23.22	23.16		
10	16QAM	1	49	23.32	23.24	23.18		
10	16QAM	25	0	21.88	21.92	21.89	22.8	2
10	16QAM	25	12	21.96	21.95	21.91		
10	16QAM	25	25	21.98	21.94	21.93		
10	16QAM	50	0	21.92	21.95	21.94		
10	64QAM	1	0	21.99	22.04	22.09	22.8	2
10	64QAM	1	25	22.05	22.07	22.07		
10	64QAM	1	49	22.13	22.16	22.12		
10	64QAM	25	0	20.87	20.91	20.90	21.8	3
10	64QAM	25	12	20.94	20.93	20.89		
10	64QAM	25	25	20.96	20.92	20.91		
10	64QAM	50	0	20.93	20.93	20.93		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.95	23.93	23.88	24.8	0
5	QPSK	1	12	23.80	23.89	23.87		
5	QPSK	1	24	23.90	23.84	23.94		
5	QPSK	12	0	22.94	22.92	22.81	23.8	1
5	QPSK	12	7	22.94	22.85	22.90		
5	QPSK	12	13	22.88	22.94	22.84		
5	QPSK	25	0	22.90	22.90	22.87		
5	16QAM	1	0	23.02	23.12	23.20	23.8	1
5	16QAM	1	12	22.98	23.16	23.12		
5	16QAM	1	24	23.29	23.20	23.06		
5	16QAM	12	0	21.78	21.82	21.88	22.8	2
5	16QAM	12	7	21.94	21.93	21.86		
5	16QAM	12	13	21.90	21.91	21.91		
5	16QAM	25	0	21.91	21.81	21.87		
5	64QAM	1	0	21.97	21.91	22.06	22.8	2
5	64QAM	1	12	21.93	22.03	22.01		
5	64QAM	1	24	22.01	22.09	22.07		
5	64QAM	12	0	20.72	20.77	20.85	21.8	3
5	64QAM	12	7	20.85	20.82	20.78		
5	64QAM	12	13	20.94	20.84	20.89		
5	64QAM	25	0	20.88	20.79	20.86		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.95	24.02	23.93	24.8	0
3	QPSK	1	8	23.86	23.90	23.74		
3	QPSK	1	14	23.92	23.94	23.85		
3	QPSK	8	0	22.95	22.88	22.91	23.8	1
3	QPSK	8	4	22.83	22.91	22.87		
3	QPSK	8	7	22.81	22.84	22.91		
3	QPSK	15	0	22.87	22.91	22.89		
3	16QAM	1	0	23.04	23.12	23.09	23.8	1
3	16QAM	1	8	23.11	23.15	23.11		
3	16QAM	1	14	23.26	23.15	23.13		
3	16QAM	8	0	21.77	21.85	21.86	22.8	2
3	16QAM	8	4	21.85	21.87	21.90		
3	16QAM	8	7	21.91	21.93	21.83		
3	16QAM	15	0	21.78	21.90	21.88		
3	64QAM	1	0	21.93	21.97	22.02	22.8	2
3	64QAM	1	8	21.90	21.93	21.94		
3	64QAM	1	14	21.98	22.03	22.10		
3	64QAM	8	0	20.86	20.86	20.79	21.8	3
3	64QAM	8	4	20.79	20.92	20.82		
3	64QAM	8	7	20.89	20.79	20.90		
3	64QAM	15	0	20.92	20.92	20.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.95	23.97	23.97	24.8	0
1.4	QPSK	1	3	23.84	23.96	23.75		
1.4	QPSK	1	5	23.88	23.93	23.89		
1.4	QPSK	3	0	24.00	24.01	23.97		
1.4	QPSK	3	1	23.81	23.85	23.81		
1.4	QPSK	3	3	24.00	23.85	23.84		
1.4	QPSK	6	0	22.86	22.97	22.91	23.8	1
1.4	16QAM	1	0	22.93	22.88	22.85	23.8	1
1.4	16QAM	1	3	22.89	22.91	22.86		
1.4	16QAM	1	5	22.89	22.95	22.83		
1.4	16QAM	3	0	23.06	23.08	23.19		
1.4	16QAM	3	1	23.01	23.10	23.04		
1.4	16QAM	3	3	23.30	23.20	23.04		
1.4	16QAM	6	0	21.79	21.77	21.88	22.8	2
1.4	64QAM	1	0	21.79	21.84	21.85	22.8	2
1.4	64QAM	1	3	21.82	21.84	21.84		
1.4	64QAM	1	5	21.83	21.77	21.80		
1.4	64QAM	3	0	21.78	21.77	21.87		
1.4	64QAM	3	1	21.75	21.88	21.86		
1.4	64QAM	3	3	21.75	21.86	21.74		
1.4	64QAM	6	0	20.82	20.81	20.80	21.8	3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.98		24.8	0
10	QPSK	1	25		23.94			
10	QPSK	1	49		23.90			
10	QPSK	25	0		22.97		23.8	1
10	QPSK	25	12		22.89			
10	QPSK	25	25		22.92			
10	QPSK	50	0		22.90			
10	16QAM	1	0		23.10		23.8	1
10	16QAM	1	25		23.15			
10	16QAM	1	49		23.13			
10	16QAM	25	0		21.93		22.8	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.96			
10	16QAM	50	0		21.94			
10	64QAM	1	0		22.07		22.8	2
10	64QAM	1	25		22.07			
10	64QAM	1	49		22.12			
10	64QAM	25	0		20.91		21.8	3
10	64QAM	25	12		20.90			
10	64QAM	25	25		20.94			
10	64QAM	50	0		20.93			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.83	23.89	23.89	24.8	0
5	QPSK	1	12	23.86	23.84	23.89		
5	QPSK	1	24	23.80	23.74	23.85		
5	QPSK	12	0	22.88	22.83	22.83	23.8	1
5	QPSK	12	7	22.77	22.77	22.76		
5	QPSK	12	13	22.87	22.79	22.83		
5	QPSK	25	0	22.81	22.80	22.82		
5	16QAM	1	0	22.96	23.01	23.01	23.8	1
5	16QAM	1	12	23.08	23.03	23.04		
5	16QAM	1	24	23.05	23.07	23.08		
5	16QAM	12	0	21.90	21.77	21.84	22.8	2
5	16QAM	12	7	21.83	21.79	21.82		
5	16QAM	12	13	21.92	21.81	21.87		
5	16QAM	25	0	21.89	21.85	21.88		
5	64QAM	1	0	22.02	22.00	22.00	22.8	2
5	64QAM	1	12	22.02	21.98	21.96		
5	64QAM	1	24	22.02	21.99	21.97		
5	64QAM	12	0	20.80	20.84	20.76	21.8	3
5	64QAM	12	7	20.85	20.74	20.81		
5	64QAM	12	13	20.78	20.84	20.79		
5	64QAM	25	0	20.88	20.84	20.79		

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.97		24.8	0
10	QPSK	1	25		23.93			
10	QPSK	1	49		23.96			
10	QPSK	25	0		22.91		23.8	1
10	QPSK	25	12		22.90			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.90			
10	16QAM	1	0		23.07		23.8	1
10	16QAM	1	25		23.07			
10	16QAM	1	49		23.13			
10	16QAM	25	0		21.92		22.8	2
10	16QAM	25	12		21.90			
10	16QAM	25	25		21.92			
10	16QAM	50	0		21.90			
10	64QAM	1	0		22.09		22.8	2
10	64QAM	1	25		22.06			
10	64QAM	1	49		22.09			
10	64QAM	25	0		20.90		21.8	3
10	64QAM	25	12		20.88			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.89			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.89	23.85	23.91	24.8	0
5	QPSK	1	12	23.84	23.82	23.78		
5	QPSK	1	24	23.94	23.93	23.91		
5	QPSK	12	0	22.82	22.77	22.81	23.8	1
5	QPSK	12	7	22.76	22.76	22.89		
5	QPSK	12	13	22.81	22.78	22.80		
5	QPSK	25	0	22.89	22.86	22.80		
5	16QAM	1	0	22.94	23.03	22.95	23.8	1
5	16QAM	1	12	23.01	23.05	22.93		
5	16QAM	1	24	23.04	23.10	23.12		
5	16QAM	12	0	21.86	21.85	21.78	22.8	2
5	16QAM	12	7	21.83	21.89	21.84		
5	16QAM	12	13	21.87	21.90	21.79		
5	16QAM	25	0	21.84	21.87	21.78		
5	64QAM	1	0	22.05	22.02	22.04	22.8	2
5	64QAM	1	12	22.01	22.02	21.97		
5	64QAM	1	24	21.99	22.06	22.02		
5	64QAM	12	0	20.88	20.82	20.79	21.8	3
5	64QAM	12	7	20.85	20.79	20.73		
5	64QAM	12	13	20.83	20.83	20.81		
5	64QAM	25	0	20.78	20.86	20.77		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.83	23.85	23.82	24.8	0
10	QPSK	1	25	23.68	23.78	23.76		
10	QPSK	1	49	23.82	23.81	23.81		
10	QPSK	25	0	22.83	22.85	22.82	23.8	1
10	QPSK	25	12	22.75	22.76	22.77		
10	QPSK	25	25	22.80	22.81	22.81		
10	QPSK	50	0	22.79	22.82	22.76		
10	16QAM	1	0	22.93	23.01	22.94	23.8	1
10	16QAM	1	25	23.06	23.03	23.01		
10	16QAM	1	49	23.07	23.02	22.99		
10	16QAM	25	0	21.73	21.73	21.71	22.8	2
10	16QAM	25	12	21.72	21.74	21.73		
10	16QAM	25	25	21.79	21.79	21.78		
10	16QAM	50	0	21.79	21.77	21.74		
10	64QAM	1	0	21.84	21.93	21.83	22.8	2
10	64QAM	1	25	21.96	21.96	21.93		
10	64QAM	1	49	21.98	21.97	21.93		
10	64QAM	25	0	20.72	20.70	20.69	21.8	3
10	64QAM	25	12	20.71	20.74	20.73		
10	64QAM	25	25	20.77	20.80	20.75		
10	64QAM	50	0	20.75	20.75	20.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.76	23.72	24.8	0
5	QPSK	1	12	23.59	23.64	23.63		
5	QPSK	1	24	23.76	23.72	23.70		
5	QPSK	12	0	22.69	22.71	22.71	23.8	1
5	QPSK	12	7	22.65	22.64	22.65		
5	QPSK	12	13	22.65	22.76	22.74		
5	QPSK	25	0	22.63	22.74	22.69		
5	16QAM	1	0	22.82	22.87	22.85	23.8	1
5	16QAM	1	12	22.97	22.98	22.91		
5	16QAM	1	24	22.93	22.88	22.83		
5	16QAM	12	0	21.70	21.57	21.55	22.8	2
5	16QAM	12	7	21.65	21.66	21.68		
5	16QAM	12	13	21.71	21.74	21.68		
5	16QAM	25	0	21.75	21.63	21.58		
5	64QAM	1	0	21.74	21.84	21.78	22.8	2
5	64QAM	1	12	21.89	21.81	21.87		
5	64QAM	1	24	21.87	21.86	21.85		
5	64QAM	12	0	20.57	20.59	20.54	21.8	3
5	64QAM	12	7	20.55	20.67	20.64		
5	64QAM	12	13	20.70	20.66	20.63		
5	64QAM	25	0	20.63	20.67	20.63		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.97	23.98	23.95	24.8	0
10	QPSK	1	25	23.75	23.81	23.72		
10	QPSK	1	49	23.91	23.89	23.85		
10	QPSK	25	0	22.95	22.97	22.93	23.8	1
10	QPSK	25	12	22.85	22.82	22.81		
10	QPSK	25	25	22.87	22.83	22.81		
10	QPSK	50	0	22.86	22.93	22.80		
10	16QAM	1	0	23.03	23.18	23.14	23.8	1
10	16QAM	1	25	23.09	23.10	23.08		
10	16QAM	1	49	23.07	23.10	23.08		
10	16QAM	25	0	21.84	21.81	21.80	22.8	2
10	16QAM	25	12	21.82	21.80	21.79		
10	16QAM	25	25	21.83	21.81	21.78		
10	16QAM	50	0	21.86	21.81	21.78		
10	64QAM	1	0	21.96	21.99	22.02	22.8	2
10	64QAM	1	25	22.00	21.92	21.96		
10	64QAM	1	49	22.05	22.02	22.02		
10	64QAM	25	0	20.82	20.80	20.79	21.8	3
10	64QAM	25	12	20.83	20.80	20.79		
10	64QAM	25	25	20.83	20.79	20.77		
10	64QAM	50	0	20.82	20.80	20.78		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.82	23.89	23.86	24.8	0
5	QPSK	1	12	23.71	23.67	23.71		
5	QPSK	1	24	23.81	23.78	23.76		
5	QPSK	12	0	22.83	22.84	22.81	23.8	1
5	QPSK	12	7	22.71	22.69	22.73		
5	QPSK	12	13	22.72	22.68	22.70		
5	QPSK	25	0	22.71	22.81	22.65		
5	16QAM	1	0	23.02	23.08	23.05	23.8	1
5	16QAM	1	12	23.06	22.99	22.97		
5	16QAM	1	24	23.04	23.00	23.05		
5	16QAM	12	0	21.72	21.68	21.69	22.8	2
5	16QAM	12	7	21.79	21.70	21.70		
5	16QAM	12	13	21.68	21.79	21.71		
5	16QAM	25	0	21.85	21.66	21.69		
5	64QAM	1	0	21.95	21.91	21.97	22.8	2
5	64QAM	1	12	21.87	21.87	21.95		
5	64QAM	1	24	22.01	22.00	21.99		
5	64QAM	12	0	20.79	20.71	20.76	21.8	3
5	64QAM	12	7	20.74	20.77	20.76		
5	64QAM	12	13	20.69	20.64	20.67		
5	64QAM	25	0	20.68	20.65	20.76		

Band 26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.00	24.03	23.98	24.8	0
15	QPSK	1	37	23.98	23.95	23.95		
15	QPSK	1	74	23.94	23.88	23.90		
15	QPSK	36	0	22.92	22.95	22.90	23.8	1
15	QPSK	36	20	22.85	22.82	22.85		
15	QPSK	36	39	22.90	22.85	22.86		
15	QPSK	75	0	22.92	22.93	22.90		
15	16QAM	1	0	23.17	23.18	23.15	23.8	1
15	16QAM	1	37	23.19	23.19	23.17		
15	16QAM	1	74	23.21	23.11	23.13		
15	16QAM	36	0	21.93	21.95	21.91	22.8	2
15	16QAM	36	20	21.93	21.92	21.92		
15	16QAM	36	39	21.95	21.90	21.89		
15	16QAM	75	0	21.95	21.95	21.94		
15	64QAM	1	0	22.06	22.09	22.06	22.8	2
15	64QAM	1	37	22.02	22.06	22.06		
15	64QAM	1	74	22.11	22.01	22.03		
15	64QAM	36	0	20.95	20.96	20.93	21.8	3
15	64QAM	36	20	20.94	20.92	20.94		
15	64QAM	36	39	20.96	20.91	20.89		
15	64QAM	75	0	20.93	20.93	20.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.94	23.98	23.82	24.8	0
10	QPSK	1	25	23.93	23.82	23.87		
10	QPSK	1	49	23.88	23.75	23.83		
10	QPSK	25	0	22.85	22.81	22.85	23.8	1
10	QPSK	25	12	22.70	22.75	22.78		
10	QPSK	25	25	22.79	22.74	22.80		
10	QPSK	50	0	22.87	22.83	22.77		
10	16QAM	1	0	23.09	23.08	23.08	23.8	1
10	16QAM	1	25	23.10	23.08	23.01		
10	16QAM	1	49	23.11	22.99	23.05		
10	16QAM	25	0	21.88	21.81	21.81	22.8	2
10	16QAM	25	12	21.86	21.87	21.80		
10	16QAM	25	25	21.93	21.79	21.80		
10	16QAM	50	0	21.92	21.89	21.87		
10	64QAM	1	0	21.97	21.99	21.95	22.8	2
10	64QAM	1	25	21.92	21.99	21.95		
10	64QAM	1	49	21.95	21.94	21.95		
10	64QAM	25	0	20.80	20.89	20.81	21.8	3
10	64QAM	25	12	20.80	20.77	20.87		
10	64QAM	25	25	20.86	20.79	20.76		
10	64QAM	50	0	20.81	20.87	20.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.92	23.87	23.89	24.8	0
5	QPSK	1	12	23.90	23.89	23.82		
5	QPSK	1	24	23.85	23.81	23.82		
5	QPSK	12	0	22.78	22.81	22.82	23.8	1
5	QPSK	12	7	22.70	22.68	22.70		
5	QPSK	12	13	22.83	22.80	22.70		
5	QPSK	25	0	22.86	22.77	22.83		
5	16QAM	1	0	23.12	23.11	23.00	23.8	1
5	16QAM	1	12	23.03	23.11	23.05		
5	16QAM	1	24	23.06	22.97	23.01		
5	16QAM	12	0	21.85	21.83	21.76	22.8	2
5	16QAM	12	7	21.91	21.87	21.80		
5	16QAM	12	13	21.90	21.83	21.79		
5	16QAM	25	0	21.93	21.84	21.84		
5	64QAM	1	0	21.99	21.98	21.91	22.8	2
5	64QAM	1	12	21.96	21.98	21.93		
5	64QAM	1	24	21.95	21.94	21.96		
5	64QAM	12	0	20.89	20.80	20.80	21.8	3
5	64QAM	12	7	20.84	20.76	20.82		
5	64QAM	12	13	20.82	20.82	20.84		
5	64QAM	25	0	20.79	20.81	20.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.84	23.88	23.84	24.8	0
3	QPSK	1	8	23.92	23.82	23.81		
3	QPSK	1	14	23.89	23.72	23.83		
3	QPSK	8	0	22.80	22.88	22.77	23.8	1
3	QPSK	8	4	22.71	22.66	22.75		
3	QPSK	8	7	22.82	22.73	22.80		
3	QPSK	15	0	22.80	22.78	22.74		
3	16QAM	1	0	23.07	23.07	23.04	23.8	1
3	16QAM	1	8	23.11	23.04	23.06		
3	16QAM	1	14	23.05	22.96	23.06		
3	16QAM	8	0	21.87	21.85	21.83	22.8	2
3	16QAM	8	4	21.89	21.83	21.85		
3	16QAM	8	7	21.90	21.77	21.77		
3	16QAM	15	0	21.93	21.81	21.88		
3	64QAM	1	0	21.92	21.99	22.00	22.8	2
3	64QAM	1	8	21.86	21.94	21.98		
3	64QAM	1	14	22.02	21.89	21.98		
3	64QAM	8	0	20.90	20.87	20.78	21.8	3
3	64QAM	8	4	20.87	20.85	20.83		
3	64QAM	8	7	20.87	20.78	20.82		
3	64QAM	15	0	20.79	20.82	20.82		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.86	23.98	23.83	24.8	0
1.4	QPSK	1	3	23.90	23.88	23.87		
1.4	QPSK	1	5	23.82	23.77	23.85		
1.4	QPSK	3	0	23.85	23.87	23.89		
1.4	QPSK	3	1	23.91	23.90	23.89		
1.4	QPSK	3	3	23.83	23.83	23.83		
1.4	QPSK	6	0	22.77	22.89	22.75	23.8	1
1.4	16QAM	1	0	22.73	22.68	22.72	23.8	1
1.4	16QAM	1	3	22.77	22.77	22.70		
1.4	16QAM	1	5	22.87	22.87	22.84		
1.4	16QAM	3	0	23.11	23.10	23.10		
1.4	16QAM	3	1	23.09	23.05	23.05		
1.4	16QAM	3	3	23.16	23.04	23.04		
1.4	16QAM	6	0	21.85	21.85	21.82	22.8	2
1.4	64QAM	1	0	21.91	21.78	21.84	22.8	2
1.4	64QAM	1	3	21.93	21.75	21.75		
1.4	64QAM	1	5	21.88	21.88	21.87		
1.4	64QAM	3	0	21.98	21.94	21.98		
1.4	64QAM	3	1	21.88	21.98	21.95		
1.4	64QAM	3	3	21.99	21.93	21.87		
1.4	64QAM	6	0	20.89	20.88	20.81	21.8	3

Band 26_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.93	23.95	23.92	24.8	0
15	QPSK	1	37	23.90	23.86	23.87		
15	QPSK	1	74	23.84	23.82	23.76		
15	QPSK	36	0	22.85	22.88	22.83	23.8	1
15	QPSK	36	20	22.81	22.76	22.72		
15	QPSK	36	39	22.80	22.76	22.73		
15	QPSK	75	0	22.80	22.85	22.74		
15	16QAM	1	0	23.07	23.08	23.08	23.8	1
15	16QAM	1	37	23.04	23.11	23.04		
15	16QAM	1	74	23.06	22.97	22.99		
15	16QAM	36	0	21.83	21.80	21.78	22.8	2
15	16QAM	36	20	21.83	21.78	21.76		
15	16QAM	36	39	21.79	21.79	21.76		
15	16QAM	75	0	21.83	21.80	21.79		
15	64QAM	1	0	22.00	21.91	21.97	22.8	2
15	64QAM	1	37	21.96	22.00	21.95		
15	64QAM	1	74	21.96	21.89	21.93		
15	64QAM	36	0	20.83	20.81	20.80	21.8	3
15	64QAM	36	20	20.82	20.79	20.79		
15	64QAM	36	39	20.81	20.81	20.78		
15	64QAM	75	0	20.82	20.79	20.76		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.84	23.94	23.78	24.8	0
10	QPSK	1	25	23.76	23.79	23.86		
10	QPSK	1	49	23.81	23.73	23.62		
10	QPSK	25	0	22.79	22.78	22.71	23.8	1
10	QPSK	25	12	22.78	22.65	22.66		
10	QPSK	25	25	22.68	22.71	22.68		
10	QPSK	50	0	22.66	22.70	22.62		
10	16QAM	1	0	22.97	22.97	22.99	23.8	1
10	16QAM	1	25	22.98	23.04	23.01		
10	16QAM	1	49	23.03	22.95	22.92		
10	16QAM	25	0	21.70	21.77	21.77	22.8	2
10	16QAM	25	12	21.72	21.63	21.64		
10	16QAM	25	25	21.71	21.73	21.65		
10	16QAM	50	0	21.75	21.76	21.66		
10	64QAM	1	0	21.89	21.79	21.82	22.8	2
10	64QAM	1	25	21.88	21.95	21.80		
10	64QAM	1	49	21.86	21.76	21.88		
10	64QAM	25	0	20.71	20.76	20.74	21.8	3
10	64QAM	25	12	20.78	20.64	20.75		
10	64QAM	25	25	20.76	20.80	20.72		
10	64QAM	50	0	20.68	20.70	20.65		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.82	23.83	23.90	24.8	0
5	QPSK	1	12	23.80	23.80	23.75		
5	QPSK	1	24	23.80	23.80	23.73		
5	QPSK	12	0	22.71	22.80	22.77	23.8	1
5	QPSK	12	7	22.74	22.65	22.57		
5	QPSK	12	13	22.79	22.64	22.58		
5	QPSK	25	0	22.74	22.79	22.66		
5	16QAM	1	0	23.04	23.05	23.00	23.8	1
5	16QAM	1	12	22.92	23.06	23.01		
5	16QAM	1	24	22.97	22.90	22.96		
5	16QAM	12	0	21.81	21.68	21.77	22.8	2
5	16QAM	12	7	21.72	21.69	21.72		
5	16QAM	12	13	21.69	21.77	21.75		
5	16QAM	25	0	21.71	21.72	21.70		
5	64QAM	1	0	21.99	21.89	21.82	22.8	2
5	64QAM	1	12	21.95	21.89	21.93		
5	64QAM	1	24	21.91	21.84	21.85		
5	64QAM	12	0	20.73	20.72	20.75	21.8	3
5	64QAM	12	7	20.78	20.74	20.67		
5	64QAM	12	13	20.71	20.78	20.69		
5	64QAM	25	0	20.76	20.67	20.66		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.84	23.84	23.89	24.8	0
3	QPSK	1	8	23.81	23.74	23.81		
3	QPSK	1	14	23.82	23.67	23.69		
3	QPSK	8	0	22.82	22.81	22.80	23.8	1
3	QPSK	8	4	22.74	22.75	22.71		
3	QPSK	8	7	22.67	22.75	22.71		
3	QPSK	15	0	22.73	22.82	22.71		
3	16QAM	1	0	23.06	23.03	22.98	23.8	1
3	16QAM	1	8	22.94	23.08	22.94		
3	16QAM	1	14	22.98	22.89	22.89		
3	16QAM	8	0	21.69	21.73	21.77	22.8	2
3	16QAM	8	4	21.68	21.63	21.64		
3	16QAM	8	7	21.70	21.71	21.69		
3	16QAM	15	0	21.73	21.70	21.71		
3	64QAM	1	0	21.91	21.81	21.89	22.8	2
3	64QAM	1	8	21.82	21.96	21.92		
3	64QAM	1	14	21.91	21.88	21.82		
3	64QAM	8	0	20.70	20.70	20.67	21.8	3
3	64QAM	8	4	20.79	20.75	20.70		
3	64QAM	8	7	20.78	20.68	20.76		
3	64QAM	15	0	20.69	20.66	20.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.89	23.93	23.78	24.8	0
1.4	QPSK	1	3	23.82	23.78	23.74		
1.4	QPSK	1	5	23.82	23.67	23.63		
1.4	QPSK	3	0	23.87	23.92	23.87		
1.4	QPSK	3	1	23.85	23.74	23.86		
1.4	QPSK	3	3	23.80	23.69	23.66		
1.4	QPSK	6	0	22.83	22.79	22.78	23.8	1
1.4	16QAM	1	0	22.71	22.62	22.59	23.8	1
1.4	16QAM	1	3	22.74	22.67	22.62		
1.4	16QAM	1	5	22.79	22.77	22.60		
1.4	16QAM	3	0	22.94	22.94	22.95		
1.4	16QAM	3	1	23.00	23.01	22.89		
1.4	16QAM	3	3	23.02	22.87	22.94		
1.4	16QAM	6	0	21.78	21.69	21.72	22.8	2
1.4	64QAM	1	0	21.82	21.71	21.71	22.8	2
1.4	64QAM	1	3	21.74	21.77	21.62		
1.4	64QAM	1	5	21.77	21.72	21.77		
1.4	64QAM	3	0	21.92	21.84	21.86		
1.4	64QAM	3	1	21.87	21.96	21.87		
1.4	64QAM	3	3	21.88	21.87	21.90		
1.4	64QAM	6	0	20.72	20.71	20.75	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.85	24.15	24.04	24.8	0
20	QPSK	1	49	23.66	24.10	23.85		
20	QPSK	1	99	23.72	24.00	23.68		
20	QPSK	50	0	22.80	23.08	23.01	23.8	1
20	QPSK	50	24	22.70	23.07	22.91		
20	QPSK	50	50	22.76	23.03	22.79		
20	QPSK	100	0	22.71	23.04	22.90		
20	16QAM	1	0	22.99	23.24	23.32	23.8	1
20	16QAM	1	49	22.96	23.40	23.14		
20	16QAM	1	99	23.00	23.30	22.96		
20	16QAM	50	0	21.68	22.07	22.00	22.8	2
20	16QAM	50	24	21.70	22.07	21.91		
20	16QAM	50	50	21.75	22.02	21.77		
20	16QAM	100	0	21.70	22.02	21.87		
20	64QAM	1	0	21.82	22.05	22.13	22.8	2
20	64QAM	1	49	21.78	22.21	21.96		
20	64QAM	1	99	21.83	22.10	21.78		
20	64QAM	50	0	20.66	21.06	21.00	21.8	3
20	64QAM	50	24	20.68	21.05	20.90		
20	64QAM	50	50	20.75	21.03	20.76		
20	64QAM	100	0	20.71	21.03	20.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.73	23.99	23.93	24.8	0
15	QPSK	1	37	23.61	24.01	23.78		
15	QPSK	1	74	23.60	23.86	23.60		
15	QPSK	36	0	22.68	22.96	22.87	23.8	1
15	QPSK	36	20	22.54	22.96	22.79		
15	QPSK	36	39	22.68	22.87	22.67		
15	QPSK	75	0	22.63	22.98	22.74		
15	16QAM	1	0	22.94	23.10	23.18	23.8	1
15	16QAM	1	37	22.80	23.24	23.09		
15	16QAM	1	74	22.86	23.20	22.91		
15	16QAM	36	0	21.65	21.97	21.92	22.8	2
15	16QAM	36	20	21.63	22.00	21.79		
15	16QAM	36	39	21.73	21.89	21.72		
15	16QAM	75	0	21.67	21.92	21.78		
15	64QAM	1	0	21.72	21.93	22.04	22.8	2
15	64QAM	1	37	21.69	22.11	21.85		
15	64QAM	1	74	21.78	21.99	21.71		
15	64QAM	36	0	20.57	20.96	20.90	21.8	3
15	64QAM	36	20	20.52	20.96	20.83		
15	64QAM	36	39	20.66	20.91	20.70		
15	64QAM	75	0	20.63	20.89	20.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.78	24.07	23.97	24.8	0
10	QPSK	1	25	23.54	24.05	23.70		
10	QPSK	1	49	23.60	23.88	23.61		
10	QPSK	25	0	22.71	23.00	22.91	23.8	1
10	QPSK	25	12	22.60	22.94	22.79		
10	QPSK	25	25	22.60	22.92	22.64		
10	QPSK	50	0	22.66	22.90	22.77		
10	16QAM	1	0	22.91	23.18	23.16	23.8	1
10	16QAM	1	25	22.88	23.31	22.99		
10	16QAM	1	49	22.85	23.20	22.82		
10	16QAM	25	0	21.66	22.02	21.94	22.8	2
10	16QAM	25	12	21.63	21.99	21.80		
10	16QAM	25	25	21.67	21.89	21.71		
10	16QAM	50	0	21.64	21.90	21.77		
10	64QAM	1	0	21.76	21.97	22.05	22.8	2
10	64QAM	1	25	21.71	22.14	21.80		
10	64QAM	1	49	21.78	21.95	21.71		
10	64QAM	25	0	20.58	20.98	20.90	21.8	3
10	64QAM	25	12	20.63	20.96	20.83		
10	64QAM	25	25	20.62	20.88	20.65		
10	64QAM	50	0	20.55	20.92	20.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.78	24.00	23.91	24.8	0
5	QPSK	1	12	23.52	24.02	23.71		
5	QPSK	1	24	23.60	23.94	23.54		
5	QPSK	12	0	22.68	23.02	22.96	23.8	1
5	QPSK	12	7	22.63	23.02	22.76		
5	QPSK	12	13	22.64	22.88	22.71		
5	QPSK	25	0	22.59	22.91	22.79		
5	16QAM	1	0	22.89	23.08	23.22	23.8	1
5	16QAM	1	12	22.90	23.24	23.09		
5	16QAM	1	24	22.84	23.24	22.86		
5	16QAM	12	0	21.64	21.94	21.91	22.8	2
5	16QAM	12	7	21.62	21.91	21.81		
5	16QAM	12	13	21.71	21.94	21.65		
5	16QAM	25	0	21.65	21.88	21.72		
5	64QAM	1	0	21.73	21.98	22.08	22.8	2
5	64QAM	1	12	21.70	22.10	21.80		
5	64QAM	1	24	21.70	21.98	21.66		
5	64QAM	12	0	20.52	21.00	20.90	21.8	3
5	64QAM	12	7	20.55	20.98	20.83		
5	64QAM	12	13	20.64	20.90	20.67		
5	64QAM	25	0	20.66	20.95	20.73		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.70	24.10	23.98	24.8	0
3	QPSK	1	8	23.60	24.02	23.78		
3	QPSK	1	14	23.58	23.88	23.57		
3	QPSK	8	0	22.64	22.94	22.85	23.8	1
3	QPSK	8	4	22.55	22.99	22.81		
3	QPSK	8	7	22.65	22.93	22.72		
3	QPSK	15	0	22.62	22.90	22.85		
3	16QAM	1	0	22.92	23.18	23.23	23.8	1
3	16QAM	1	8	22.90	23.33	23.08		
3	16QAM	1	14	22.90	23.21	22.87		
3	16QAM	8	0	21.62	21.93	21.86	22.8	2
3	16QAM	8	4	21.65	22.01	21.83		
3	16QAM	8	7	21.67	21.94	21.72		
3	16QAM	15	0	21.62	21.95	21.72		
3	64QAM	1	0	21.69	21.97	22.04	22.8	2
3	64QAM	1	8	21.71	22.10	21.81		
3	64QAM	1	14	21.73	22.00	21.64		
3	64QAM	8	0	20.60	21.01	20.93	21.8	3
3	64QAM	8	4	20.62	20.92	20.80		
3	64QAM	8	7	20.69	20.90	20.70		
3	64QAM	15	0	20.62	20.87	20.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.77	24.01	23.89	24.8	0
1.4	QPSK	1	3	23.52	23.99	23.76		
1.4	QPSK	1	5	23.65	23.91	23.57		
1.4	QPSK	3	0	23.78	24.08	23.97		
1.4	QPSK	3	1	23.54	23.97	23.79		
1.4	QPSK	3	3	23.67	23.92	23.58		
1.4	QPSK	6	0	22.67	22.94	22.96	23.8	1
1.4	16QAM	1	0	22.62	22.96	22.78	23.8	1
1.4	16QAM	1	3	22.67	22.89	22.65		
1.4	16QAM	1	5	22.61	22.98	22.83		
1.4	16QAM	3	0	22.86	23.11	23.26		
1.4	16QAM	3	1	22.91	23.34	23.07		
1.4	16QAM	3	3	22.94	23.17	22.88		
1.4	16QAM	6	0	21.66	22.02	21.87	22.8	2
1.4	64QAM	1	0	21.62	21.97	21.80	22.8	2
1.4	64QAM	1	3	21.71	21.86	21.70		
1.4	64QAM	1	5	21.68	21.96	21.76		
1.4	64QAM	3	0	21.73	21.96	22.08		
1.4	64QAM	3	1	21.62	22.05	21.81		
1.4	64QAM	3	3	21.67	22.04	21.68		
1.4	64QAM	6	0	20.61	20.90	20.90	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.02	24.22	24.17	24.8	0
20	QPSK	1	49	23.86	24.21	24.05		
20	QPSK	1	99	23.96	24.14	23.90		
20	QPSK	50	0	23.05	23.25	23.09	23.8	1
20	QPSK	50	24	22.95	23.22	23.08		
20	QPSK	50	50	22.98	23.19	22.97		
20	QPSK	100	0	22.94	23.21	23.03		
20	16QAM	1	0	23.11	23.43	23.45	23.8	1
20	16QAM	1	49	23.15	23.45	23.35		
20	16QAM	1	99	23.18	23.37	23.16		
20	16QAM	50	0	21.94	22.25	22.09	22.8	2
20	16QAM	50	24	21.94	22.21	22.06		
20	16QAM	50	50	21.95	22.18	21.97		
20	16QAM	100	0	21.92	22.19	22.02		
20	64QAM	1	0	22.07	22.30	22.31	22.8	2
20	64QAM	1	49	22.07	22.34	22.16		
20	64QAM	1	99	22.11	22.31	22.00		
20	64QAM	50	0	20.96	21.23	21.09	21.8	3
20	64QAM	50	24	20.94	21.20	21.06		
20	64QAM	50	50	20.97	21.18	20.94		
20	64QAM	100	0	20.92	21.19	21.03		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.91	24.20	24.07	24.8	0
15	QPSK	1	37	23.92	24.18	24.03		
15	QPSK	1	74	23.88	24.19	23.92		
15	QPSK	36	0	22.90	23.21	23.05	23.8	1
15	QPSK	36	20	22.90	23.20	23.00		
15	QPSK	36	39	22.87	23.15	22.94		
15	QPSK	75	0	22.92	23.22	23.01		
15	16QAM	1	0	23.10	23.44	23.33	23.8	1
15	16QAM	1	37	23.16	23.49	23.32		
15	16QAM	1	74	23.09	23.39	23.17		
15	16QAM	36	0	21.90	22.22	22.06	22.8	2
15	16QAM	36	20	21.90	22.20	22.01		
15	16QAM	36	39	21.89	22.17	21.95		
15	16QAM	75	0	21.91	22.24	22.03		
15	64QAM	1	0	22.07	22.35	22.23	22.8	2
15	64QAM	1	37	22.05	22.39	22.19		
15	64QAM	1	74	22.04	22.29	22.03		
15	64QAM	36	0	20.93	21.24	21.08	21.8	3
15	64QAM	36	20	20.91	21.23	21.04		
15	64QAM	36	39	20.91	21.20	20.99		
15	64QAM	75	0	20.91	21.23	21.04		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.99	24.07	24.08	24.8	0
10	QPSK	1	25	23.80	24.10	24.04		
10	QPSK	1	49	23.95	24.05	23.89		
10	QPSK	25	0	22.96	23.12	22.97	23.8	1
10	QPSK	25	12	22.90	23.15	22.95		
10	QPSK	25	25	22.84	23.08	22.90		
10	QPSK	50	0	22.82	23.11	22.97		
10	16QAM	1	0	23.10	23.32	23.34	23.8	1
10	16QAM	1	25	23.01	23.38	23.31		
10	16QAM	1	49	23.17	23.31	23.08		
10	16QAM	25	0	21.81	22.18	22.01	22.8	2
10	16QAM	25	12	21.91	22.10	21.93		
10	16QAM	25	25	21.89	22.05	21.92		
10	16QAM	50	0	21.81	22.08	21.97		
10	64QAM	1	0	21.99	22.26	22.30	22.8	2
10	64QAM	1	25	22.02	22.28	22.08		
10	64QAM	1	49	21.97	22.21	21.88		
10	64QAM	25	0	20.88	21.15	20.96	21.8	3
10	64QAM	25	12	20.85	21.08	20.94		
10	64QAM	25	25	20.90	21.03	20.81		
10	64QAM	50	0	20.90	21.18	20.93		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.90	24.12	24.12	24.8	0
5	QPSK	1	12	23.82	24.17	23.97		
5	QPSK	1	24	23.88	24.11	23.87		
5	QPSK	12	0	22.96	23.14	23.08	23.8	1
5	QPSK	12	7	22.89	23.17	23.06		
5	QPSK	12	13	22.84	23.18	22.87		
5	QPSK	25	0	22.90	23.17	22.91		
5	16QAM	1	0	23.03	23.40	23.41	23.8	1
5	16QAM	1	12	23.08	23.40	23.28		
5	16QAM	1	24	23.15	23.33	23.06		
5	16QAM	12	0	21.89	22.18	21.98	22.8	2
5	16QAM	12	7	21.92	22.16	22.04		
5	16QAM	12	13	21.81	22.11	21.82		
5	16QAM	25	0	21.90	22.09	21.96		
5	64QAM	1	0	21.96	22.17	22.29	22.8	2
5	64QAM	1	12	21.95	22.20	22.05		
5	64QAM	1	24	22.09	22.22	21.94		
5	64QAM	12	0	20.91	21.09	21.01	21.8	3
5	64QAM	12	7	20.79	21.17	21.05		
5	64QAM	12	13	20.87	21.08	20.87		
5	64QAM	25	0	20.91	21.13	20.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.92	24.13	24.16	24.8	0
3	QPSK	1	8	23.83	24.09	23.93		
3	QPSK	1	14	23.94	24.01	23.79		
3	QPSK	8	0	22.91	23.19	23.05	23.8	1
3	QPSK	8	4	22.87	23.14	22.99		
3	QPSK	8	7	22.86	23.05	22.84		
3	QPSK	15	0	22.90	23.06	22.99		
3	16QAM	1	0	23.08	23.41	23.36	23.8	1
3	16QAM	1	8	23.13	23.40	23.25		
3	16QAM	1	14	23.04	23.30	23.04		
3	16QAM	8	0	21.89	22.13	21.94	22.8	2
3	16QAM	8	4	21.93	22.15	21.91		
3	16QAM	8	7	21.94	22.11	21.88		
3	16QAM	15	0	21.83	22.09	21.99		
3	64QAM	1	0	22.02	22.20	22.25	22.8	2
3	64QAM	1	8	21.97	22.25	22.09		
3	64QAM	1	14	21.98	22.29	21.96		
3	64QAM	8	0	20.92	21.10	20.97	21.8	3
3	64QAM	8	4	20.83	21.15	20.93		
3	64QAM	8	7	20.92	21.05	20.83		
3	64QAM	15	0	20.90	21.07	20.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.97	24.08	24.03	24.8	0
1.4	QPSK	1	3	23.73	24.19	24.01		
1.4	QPSK	1	5	23.85	24.11	23.80		
1.4	QPSK	3	0	23.96	24.17	24.15		
1.4	QPSK	3	1	23.79	24.13	24.03		
1.4	QPSK	3	3	23.81	24.04	23.86		
1.4	QPSK	6	0	22.90	23.14	22.99	23.8	1
1.4	16QAM	1	0	22.80	23.16	23.05	23.8	1
1.4	16QAM	1	3	22.85	23.15	22.86		
1.4	16QAM	1	5	22.88	23.12	23.00		
1.4	16QAM	3	0	22.97	23.33	23.39		
1.4	16QAM	3	1	23.00	23.39	23.27		
1.4	16QAM	3	3	23.09	23.23	23.03		
1.4	16QAM	6	0	21.84	22.15	21.98	22.8	2
1.4	64QAM	1	0	21.83	22.17	21.91	22.8	2
1.4	64QAM	1	3	21.92	22.15	21.84		
1.4	64QAM	1	5	21.78	22.07	21.99		
1.4	64QAM	3	0	22.01	22.21	22.17		
1.4	64QAM	3	1	22.01	22.23	22.05		
1.4	64QAM	3	3	22.02	22.25	21.97		
1.4	64QAM	6	0	20.82	21.18	20.99	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.52	23.65	23.58	24.3	0
20	QPSK	1	49	23.29	23.56	23.35		
20	QPSK	1	99	23.33	23.47	23.21		
20	QPSK	50	0	22.39	22.60	22.42	23.3	1
20	QPSK	50	24	22.36	22.57	22.39		
20	QPSK	50	50	22.35	22.51	22.27		
20	QPSK	100	0	22.35	22.53	22.32		
20	16QAM	1	0	22.53	22.81	22.78	23.3	1
20	16QAM	1	49	22.56	22.78	22.57		
20	16QAM	1	99	22.59	22.74	22.43		
20	16QAM	50	0	21.38	21.59	21.41	22.3	2
20	16QAM	50	24	21.36	21.57	21.37		
20	16QAM	50	50	21.36	21.53	21.27		
20	16QAM	100	0	21.34	21.53	21.32		
20	64QAM	1	0	21.52	21.76	21.75	22.3	2
20	64QAM	1	49	21.54	21.80	21.49		
20	64QAM	1	99	21.55	21.70	21.43		
20	64QAM	50	0	20.39	20.59	20.40	21.3	3
20	64QAM	50	24	20.35	20.57	20.38		
20	64QAM	50	50	20.35	20.54	20.29		
20	64QAM	100	0	20.35	20.54	20.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.47	23.56	23.43	24.3	0
15	QPSK	1	37	23.18	23.42	23.23		
15	QPSK	1	74	23.21	23.34	23.16		
15	QPSK	36	0	22.31	22.48	22.27	23.3	1
15	QPSK	36	20	22.29	22.41	22.27		
15	QPSK	36	39	22.19	22.40	22.20		
15	QPSK	75	0	22.19	22.42	22.23		
15	16QAM	1	0	22.47	22.70	22.65	23.3	1
15	16QAM	1	37	22.41	22.69	22.45		
15	16QAM	1	74	22.47	22.59	22.38		
15	16QAM	36	0	21.36	21.54	21.34	22.3	2
15	16QAM	36	20	21.32	21.47	21.30		
15	16QAM	36	39	21.32	21.46	21.20		
15	16QAM	75	0	21.31	21.37	21.20		
15	64QAM	1	0	21.44	21.69	21.59	22.3	2
15	64QAM	1	37	21.39	21.74	21.34		
15	64QAM	1	74	21.49	21.62	21.29		
15	64QAM	36	0	20.29	20.45	20.27	21.3	3
15	64QAM	36	20	20.19	20.41	20.22		
15	64QAM	36	39	20.27	20.49	20.18		
15	64QAM	75	0	20.29	20.47	20.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.43	23.52	23.47	24.3	0
10	QPSK	1	25	23.17	23.41	23.22		
10	QPSK	1	49	23.25	23.32	23.15		
10	QPSK	25	0	22.34	22.47	22.36	23.3	1
10	QPSK	25	12	22.28	22.51	22.27		
10	QPSK	25	25	22.22	22.39	22.14		
10	QPSK	50	0	22.30	22.42	22.19		
10	16QAM	1	0	22.48	22.73	22.72	23.3	1
10	16QAM	1	25	22.42	22.65	22.51		
10	16QAM	1	49	22.49	22.64	22.27		
10	16QAM	25	0	21.31	21.44	21.35	22.3	2
10	16QAM	25	12	21.28	21.46	21.23		
10	16QAM	25	25	21.31	21.46	21.21		
10	16QAM	50	0	21.26	21.46	21.22		
10	64QAM	1	0	21.47	21.61	21.65	22.3	2
10	64QAM	1	25	21.42	21.65	21.41		
10	64QAM	1	49	21.41	21.64	21.36		
10	64QAM	25	0	20.31	20.44	20.35	21.3	3
10	64QAM	25	12	20.26	20.41	20.26		
10	64QAM	25	25	20.23	20.44	20.19		
10	64QAM	50	0	20.26	20.41	20.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.56	23.42	24.3	0
5	QPSK	1	12	23.17	23.43	23.25		
5	QPSK	1	24	23.27	23.42	23.16		
5	QPSK	12	0	22.26	22.46	22.37	23.3	1
5	QPSK	12	7	22.31	22.48	22.24		
5	QPSK	12	13	22.20	22.38	22.21		
5	QPSK	25	0	22.30	22.41	22.22		
5	16QAM	1	0	22.46	22.72	22.62	23.3	1
5	16QAM	1	12	22.48	22.63	22.51		
5	16QAM	1	24	22.46	22.69	22.36		
5	16QAM	12	0	21.34	21.52	21.31	22.3	2
5	16QAM	12	7	21.34	21.51	21.22		
5	16QAM	12	13	21.34	21.38	21.11		
5	16QAM	25	0	21.28	21.37	21.18		
5	64QAM	1	0	21.39	21.62	21.65	22.3	2
5	64QAM	1	12	21.40	21.67	21.41		
5	64QAM	1	24	21.39	21.59	21.31		
5	64QAM	12	0	20.25	20.53	20.35	21.3	3
5	64QAM	12	7	20.25	20.46	20.32		
5	64QAM	12	13	20.22	20.47	20.19		
5	64QAM	25	0	20.20	20.40	20.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.36	23.57	23.43	24.3	0
3	QPSK	1	8	23.22	23.44	23.29		
3	QPSK	1	14	23.21	23.39	23.07		
3	QPSK	8	0	22.32	22.55	22.35	23.3	1
3	QPSK	8	4	22.24	22.42	22.29		
3	QPSK	8	7	22.26	22.38	22.18		
3	QPSK	15	0	22.25	22.41	22.17		
3	16QAM	1	0	22.37	22.75	22.72	23.3	1
3	16QAM	1	8	22.43	22.69	22.44		
3	16QAM	1	14	22.44	22.65	22.31		
3	16QAM	8	0	21.31	21.45	21.26	22.3	2
3	16QAM	8	4	21.32	21.50	21.30		
3	16QAM	8	7	21.33	21.47	21.12		
3	16QAM	15	0	21.27	21.41	21.17		
3	64QAM	1	0	21.41	21.60	21.68	22.3	2
3	64QAM	1	8	21.41	21.73	21.36		
3	64QAM	1	14	21.50	21.60	21.33		
3	64QAM	8	0	20.32	20.46	20.31	21.3	3
3	64QAM	8	4	20.22	20.42	20.24		
3	64QAM	8	7	20.27	20.45	20.22		
3	64QAM	15	0	20.27	20.39	20.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.24	23.52	23.26	24.3	0
1.4	QPSK	1	3	23.26	23.51	23.22		
1.4	QPSK	1	5	23.28	23.51	23.23		
1.4	QPSK	3	0	23.28	23.48	23.25		
1.4	QPSK	3	1	23.29	23.49	23.25		
1.4	QPSK	3	3	23.30	23.49	23.25		
1.4	QPSK	6	0	22.28	22.49	22.27	23.3	1
1.4	16QAM	1	0	22.51	22.76	22.52	23.3	1
1.4	16QAM	1	3	22.50	22.75	22.48		
1.4	16QAM	1	5	22.48	22.75	22.47		
1.4	16QAM	3	0	22.26	22.51	22.26		
1.4	16QAM	3	1	22.28	22.53	22.27		
1.4	16QAM	3	3	22.25	22.48	22.26		
1.4	16QAM	6	0	21.31	21.57	21.33	22.3	2
1.4	64QAM	1	0	21.44	21.72	21.47	22.3	2
1.4	64QAM	1	3	21.44	21.71	21.43		
1.4	64QAM	1	5	21.42	21.72	21.42		
1.4	64QAM	3	0	21.34	21.59	21.39		
1.4	64QAM	3	1	21.33	21.57	21.39		
1.4	64QAM	3	3	21.33	21.58	21.37		
1.4	64QAM	6	0	20.24	20.47	20.23	21.3	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.37	24.40	24.30	24.8	0
20	QPSK	1	49	24.35	24.26	24.20		
20	QPSK	1	99	24.31	24.19	24.18		
20	QPSK	50	0	23.34	23.37	23.25	23.8	1
20	QPSK	50	24	23.32	23.20	23.14		
20	QPSK	50	50	23.30	23.20	23.15		
20	QPSK	100	0	23.30	23.35	23.14		
20	16QAM	1	0	23.30	23.21	23.15	23.8	1
20	16QAM	1	49	23.34	23.23	23.17		
20	16QAM	1	99	23.32	23.22	23.19		
20	16QAM	50	0	22.34	22.20	22.14	22.8	2
20	16QAM	50	24	22.35	22.22	22.16		
20	16QAM	50	50	22.34	22.22	22.16		
20	16QAM	100	0	22.32	22.20	22.15		
20	64QAM	1	0	22.08	21.94	21.90	22.8	2
20	64QAM	1	49	22.12	21.96	21.95		
20	64QAM	1	99	22.08	21.94	21.94		
20	64QAM	50	0	21.30	21.17	21.11	21.8	3
20	64QAM	50	24	21.32	21.18	21.13		
20	64QAM	50	50	21.32	21.20	21.12		
20	64QAM	100	0	21.32	21.17	21.12		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.28	24.27	24.21	24.8	0
15	QPSK	1	37	24.30	24.10	24.07		
15	QPSK	1	74	24.23	24.07	24.04		
15	QPSK	36	0	23.26	23.23	23.19	23.8	1
15	QPSK	36	20	23.24	23.10	23.09		
15	QPSK	36	39	23.18	23.09	23.07		
15	QPSK	75	0	23.24	23.30	22.98		
15	16QAM	1	0	23.18	23.07	23.02	23.8	1
15	16QAM	1	37	23.24	23.14	23.09		
15	16QAM	1	74	23.19	23.15	23.08		
15	16QAM	36	0	22.27	22.13	22.00	22.8	2
15	16QAM	36	20	22.30	22.12	22.02		
15	16QAM	36	39	22.31	22.12	22.06		
15	16QAM	75	0	22.26	22.04	22.10		
15	64QAM	1	0	22.01	21.87	21.77	22.8	2
15	64QAM	1	37	22.04	21.83	21.79		
15	64QAM	1	74	21.95	21.82	21.81		
15	64QAM	36	0	21.16	21.02	20.99	21.8	3
15	64QAM	36	20	21.21	21.08	21.08		
15	64QAM	36	39	21.18	21.04	21.07		
15	64QAM	75	0	21.22	21.10	21.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.24	24.30	24.15	24.8	0
10	QPSK	1	25	24.24	24.11	24.15		
10	QPSK	1	49	24.26	24.03	24.11		
10	QPSK	25	0	23.21	23.23	23.09	23.8	1
10	QPSK	25	12	23.21	23.09	23.05		
10	QPSK	25	25	23.20	23.07	23.05		
10	QPSK	50	0	23.23	23.20	23.06		
10	16QAM	1	0	23.17	23.13	23.09	23.8	1
10	16QAM	1	25	23.18	23.08	23.12		
10	16QAM	1	49	23.24	23.11	23.07		
10	16QAM	25	0	22.31	22.14	21.99	22.8	2
10	16QAM	25	12	22.30	22.13	22.04		
10	16QAM	25	25	22.28	22.07	22.02		
10	16QAM	50	0	22.26	22.05	21.99		
10	64QAM	1	0	21.98	21.86	21.76	22.8	2
10	64QAM	1	25	22.00	21.86	21.88		
10	64QAM	1	49	22.00	21.81	21.89		
10	64QAM	25	0	21.22	21.11	21.03	21.8	3
10	64QAM	25	12	21.20	21.07	21.05		
10	64QAM	25	25	21.26	21.07	20.99		
10	64QAM	50	0	21.23	21.05	20.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.22	24.31	24.21	24.8	0
5	QPSK	1	12	24.30	24.11	24.10		
5	QPSK	1	24	24.24	24.03	24.13		
5	QPSK	12	0	23.18	23.31	23.10	23.8	1
5	QPSK	12	7	23.25	23.14	23.01		
5	QPSK	12	13	23.24	23.15	23.04		
5	QPSK	25	0	23.14	23.24	22.99		
5	16QAM	1	0	23.15	23.15	23.00	23.8	1
5	16QAM	1	12	23.19	23.13	23.05		
5	16QAM	1	24	23.23	23.14	23.14		
5	16QAM	12	0	22.28	22.05	22.01	22.8	2
5	16QAM	12	7	22.33	22.13	22.07		
5	16QAM	12	13	22.26	22.15	22.10		
5	16QAM	25	0	22.26	22.05	22.05		
5	64QAM	1	0	21.94	21.84	21.80	22.8	2
5	64QAM	1	12	22.04	21.84	21.82		
5	64QAM	1	24	21.96	21.80	21.89		
5	64QAM	12	0	21.22	21.11	21.00	21.8	3
5	64QAM	12	7	21.22	21.08	21.03		
5	64QAM	12	13	21.20	21.04	20.99		
5	64QAM	25	0	21.23	21.08	20.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.98	24.00	23.97	24.8	0
20	QPSK	1	49	23.97	23.89	23.78		
20	QPSK	1	99	23.97	23.90	23.86		
20	QPSK	50	0	22.93	22.95	22.91	23.8	1
20	QPSK	50	24	22.91	22.84	22.85		
20	QPSK	50	50	22.90	22.84	22.86		
20	QPSK	100	0	22.92	22.93	22.81		
20	16QAM	1	0	22.94	22.88	22.80	23.8	1
20	16QAM	1	49	22.95	22.84	22.82		
20	16QAM	1	99	22.99	22.88	22.95		
20	16QAM	50	0	21.92	21.83	21.81	22.8	2
20	16QAM	50	24	21.93	21.86	21.87		
20	16QAM	50	50	21.95	21.87	21.88		
20	16QAM	100	0	21.92	21.84	21.84		
20	64QAM	1	0	21.72	21.65	21.59	22.8	2
20	64QAM	1	49	21.72	21.64	21.64		
20	64QAM	1	99	21.74	21.67	21.77		
20	64QAM	50	0	20.91	20.84	20.80	21.8	3
20	64QAM	50	24	20.93	20.85	20.85		
20	64QAM	50	50	20.96	20.87	20.87		
20	64QAM	100	0	20.93	20.83	20.83		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.82	23.87	23.88	24.8	0
15	QPSK	1	37	23.85	23.75	23.67		
15	QPSK	1	74	23.86	23.76	23.76		
15	QPSK	36	0	22.78	22.86	22.83	23.8	1
15	QPSK	36	20	22.78	22.77	22.78		
15	QPSK	36	39	22.83	22.71	22.75		
15	QPSK	75	0	22.78	22.82	22.70		
15	16QAM	1	0	22.85	22.72	22.75	23.8	1
15	16QAM	1	37	22.86	22.79	22.67		
15	16QAM	1	74	22.85	22.76	22.86		
15	16QAM	36	0	21.87	21.70	21.65	22.8	2
15	16QAM	36	20	21.87	21.74	21.82		
15	16QAM	36	39	21.87	21.74	21.78		
15	16QAM	75	0	21.87	21.76	21.71		
15	64QAM	1	0	21.57	21.60	21.45	22.8	2
15	64QAM	1	37	21.66	21.52	21.50		
15	64QAM	1	74	21.65	21.57	21.62		
15	64QAM	36	0	20.81	20.77	20.72	21.8	3
15	64QAM	36	20	20.79	20.76	20.78		
15	64QAM	36	39	20.89	20.71	20.72		
15	64QAM	75	0	20.77	20.69	20.68		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.89	23.87	23.88	24.8	0
10	QPSK	1	25	23.85	23.81	23.65		
10	QPSK	1	49	23.81	23.83	23.71		
10	QPSK	25	0	22.84	22.80	22.81	23.8	1
10	QPSK	25	12	22.76	22.76	22.71		
10	QPSK	25	25	22.75	22.78	22.79		
10	QPSK	50	0	22.87	22.87	22.66		
10	16QAM	1	0	22.79	22.78	22.75	23.8	1
10	16QAM	1	25	22.85	22.73	22.76		
10	16QAM	1	49	22.85	22.72	22.87		
10	16QAM	25	0	21.84	21.69	21.74	22.8	2
10	16QAM	25	12	21.89	21.73	21.71		
10	16QAM	25	25	21.92	21.75	21.76		
10	16QAM	50	0	21.86	21.77	21.78		
10	64QAM	1	0	21.64	21.53	21.50	22.8	2
10	64QAM	1	25	21.56	21.54	21.50		
10	64QAM	1	49	21.69	21.60	21.69		
10	64QAM	25	0	20.82	20.72	20.72	21.8	3
10	64QAM	25	12	20.85	20.71	20.71		
10	64QAM	25	25	20.84	20.79	20.82		
10	64QAM	50	0	20.80	20.71	20.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.98	23.92	23.87	24.8	0
5	QPSK	1	12	23.95	23.96	23.94		
5	QPSK	1	24	23.93	23.92	23.92		
5	QPSK	12	0	23.01	22.93	22.95	23.8	1
5	QPSK	12	7	23.00	22.91	22.96		
5	QPSK	12	13	23.00	22.92	22.96		
5	QPSK	25	0	23.01	22.92	22.97		
5	16QAM	1	0	23.03	22.93	22.89	23.8	1
5	16QAM	1	12	23.09	22.96	22.94		
5	16QAM	1	24	23.05	22.94	22.95		
5	16QAM	12	0	21.98	21.88	21.91	22.8	2
5	16QAM	12	7	21.98	21.88	21.94		
5	16QAM	12	13	21.97	21.89	21.95		
5	16QAM	25	0	22.04	21.94	22.00		
5	64QAM	1	0	21.79	21.76	21.68	22.8	2
5	64QAM	1	12	21.80	21.77	21.71		
5	64QAM	1	24	21.80	21.71	21.74		
5	64QAM	12	0	21.02	20.94	20.94	21.8	3
5	64QAM	12	7	21.01	20.93	20.97		
5	64QAM	12	13	21.01	20.92	21.01		
5	64QAM	25	0	21.05	20.96	20.99		

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BW [MHz]	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	23.28	23.30	23.26	24.1	0
20	QPSK	1	49	23.24	23.05	23.12		
20	QPSK	1	99	23.25	23.09	23.25		
20	QPSK	50	0	22.20	22.23	22.17	23.1	1
20	QPSK	50	24	22.18	22.09	22.09		
20	QPSK	50	50	22.18	22.08	22.10		
20	QPSK	100	0	22.15	22.20	22.06		
20	16QAM	1	0	22.16	22.10	22.06	23.1	1
20	16QAM	1	49	22.19	22.13	22.06		
20	16QAM	1	99	22.21	22.13	22.17		
20	16QAM	50	0	21.14	21.10	21.08	22.1	2
20	16QAM	50	24	21.17	21.12	21.11		
20	16QAM	50	50	21.21	21.11	21.13		
20	16QAM	100	0	21.16	21.10	21.10		
20	64QAM	1	0	20.91	20.91	20.76	22.1	2
20	64QAM	1	49	20.94	20.92	20.81		
20	64QAM	1	99	20.95	20.94	20.92		
20	64QAM	50	0	20.16	20.09	20.06	21.1	3
20	64QAM	50	24	20.18	20.12	20.11		
20	64QAM	50	50	20.21	20.12	20.13		
20	64QAM	100	0	20.15	20.08	20.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.14	23.16	23.14	24.1	0
15	QPSK	1	37	23.18	23.00	23.03		
15	QPSK	1	74	23.14	22.94	23.09		
15	QPSK	36	0	22.08	22.09	22.11	23.1	1
15	QPSK	36	20	22.08	22.01	21.98		
15	QPSK	36	39	22.13	21.97	21.94		
15	QPSK	75	0	22.02	22.04	21.90		
15	16QAM	1	0	22.02	22.03	21.99	23.1	1
15	16QAM	1	37	22.11	21.98	21.95		
15	16QAM	1	74	22.09	22.02	22.02		
15	16QAM	36	0	21.11	20.97	20.94	22.1	2
15	16QAM	36	20	21.15	20.99	21.05		
15	16QAM	36	39	21.19	21.04	21.07		
15	16QAM	75	0	21.14	20.98	21.05		
15	64QAM	1	0	20.82	20.80	20.69	22.1	2
15	64QAM	1	37	20.82	20.86	20.69		
15	64QAM	1	74	20.85	20.85	20.82		
15	64QAM	36	0	20.11	19.93	19.96	21.1	3
15	64QAM	36	20	20.03	20.00	20.02		
15	64QAM	36	39	20.10	20.03	20.08		
15	64QAM	75	0	20.04	20.02	20.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.21	23.17	23.12	24.1	0
10	QPSK	1	25	23.08	22.92	23.03		
10	QPSK	1	49	23.20	23.02	23.20		
10	QPSK	25	0	22.06	22.12	22.12	23.1	1
10	QPSK	25	12	22.08	21.99	21.98		
10	QPSK	25	25	22.09	22.00	22.03		
10	QPSK	50	0	22.01	22.15	21.91		
10	16QAM	1	0	22.05	21.94	21.94	23.1	1
10	16QAM	1	25	22.10	22.06	22.00		
10	16QAM	1	49	22.10	21.97	22.02		
10	16QAM	25	0	21.10	21.02	20.99	22.1	2
10	16QAM	25	12	21.13	20.97	21.02		
10	16QAM	25	25	21.15	20.95	21.01		
10	16QAM	50	0	21.14	20.96	21.00		
10	64QAM	1	0	20.76	20.79	20.61	22.1	2
10	64QAM	1	25	20.79	20.87	20.72		
10	64QAM	1	49	20.84	20.78	20.78		
10	64QAM	25	0	20.00	19.95	20.01	21.1	3
10	64QAM	25	12	20.03	20.00	20.01		
10	64QAM	25	25	20.10	20.04	20.00		
10	64QAM	50	0	20.00	19.93	20.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.21	23.12	23.16	24.1	0
5	QPSK	1	12	23.20	23.19	23.21		
5	QPSK	1	24	23.22	23.16	23.20		
5	QPSK	12	0	22.21	22.13	22.16	23.1	1
5	QPSK	12	7	22.21	22.14	22.19		
5	QPSK	12	13	22.21	22.11	22.21		
5	QPSK	25	0	22.23	22.14	22.21		
5	16QAM	1	0	22.24	22.15	22.08	23.1	1
5	16QAM	1	12	22.24	22.16	22.17		
5	16QAM	1	24	22.25	22.15	22.19		
5	16QAM	12	0	21.17	21.11	21.14	22.1	2
5	16QAM	12	7	21.17	21.10	21.15		
5	16QAM	12	13	21.17	21.09	21.18		
5	16QAM	25	0	21.24	21.17	21.24		
5	64QAM	1	0	20.99	20.90	20.97	22.1	2
5	64QAM	1	12	20.99	20.92	21.06		
5	64QAM	1	24	21.00	20.89	21.11		
5	64QAM	12	0	20.22	20.14	20.21	21.1	3
5	64QAM	12	7	20.21	20.13	20.21		
5	64QAM	12	13	20.22	20.13	20.26		
5	64QAM	25	0	20.26	20.17	20.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.28	24.44	24.45	24.20	24.15	24.8	0
20	QPSK	1	49	24.22	24.34	24.38	24.16	24.05		
20	QPSK	1	99	24.25	24.42	24.30	24.17	24.11		
20	QPSK	50	0	23.28	23.38	23.40	23.25	23.15	23.8	1
20	QPSK	50	24	23.20	23.29	23.31	23.21	23.09		
20	QPSK	50	50	23.25	23.35	23.30	23.19	23.11		
20	QPSK	100	0	23.20	23.31	23.33	23.19	23.08		
20	16QAM	1	0	23.05	23.25	23.34	23.14	22.99	23.8	1
20	16QAM	1	49	23.24	23.32	23.39	23.18	23.08		
20	16QAM	1	99	23.29	23.46	23.29	23.21	23.17		
20	16QAM	50	0	22.11	22.25	22.35	22.18	22.02	22.8	2
20	16QAM	50	24	22.21	22.29	22.31	22.22	22.09		
20	16QAM	50	50	22.27	22.37	22.31	22.21	22.14		
20	16QAM	100	0	22.20	22.31	22.32	22.21	22.08		
20	64QAM	1	0	21.78	21.92	22.06	21.86	21.73	22.8	2
20	64QAM	1	49	21.97	22.05	22.08	21.95	21.81		
20	64QAM	1	99	22.01	22.15	22.02	21.95	21.89		
20	64QAM	50	0	21.13	21.23	21.34	21.18	21.03	21.8	3
20	64QAM	50	24	21.23	21.27	21.32	21.21	21.11		
20	64QAM	50	50	21.28	21.35	21.31	21.21	21.14		
20	64QAM	100	0	21.22	21.29	21.33	21.21	21.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.13	24.30	24.39	24.09	24.03	24.8	0
15	QPSK	1	37	24.13	24.26	24.28	24.01	23.91		
15	QPSK	1	74	24.11	24.35	24.17	24.07	24.01		
15	QPSK	36	0	23.15	23.25	23.24	23.14	22.99	23.8	1
15	QPSK	36	20	23.15	23.14	23.26	23.11	22.97		
15	QPSK	36	39	23.17	23.28	23.22	23.05	22.96		
15	QPSK	75	0	23.06	23.17	23.24	23.09	22.96		
15	16QAM	1	0	22.96	23.12	23.27	23.08	22.91	23.8	1
15	16QAM	1	37	23.17	23.25	23.30	23.06	23.03		
15	16QAM	1	74	23.16	23.40	23.18	23.12	23.09		
15	16QAM	36	0	22.06	22.09	22.25	22.11	21.92	22.8	2
15	16QAM	36	20	22.08	22.24	22.17	22.08	22.04		
15	16QAM	36	39	22.22	22.30	22.17	22.08	22.04		
15	16QAM	75	0	22.14	22.26	22.23	22.12	21.98		
15	64QAM	1	0	21.73	21.77	21.91	21.70	21.58	22.8	2
15	64QAM	1	37	21.90	21.95	22.01	21.82	21.70		
15	64QAM	1	74	21.94	22.02	21.93	21.79	21.80		
15	64QAM	36	0	21.06	21.12	21.28	21.03	20.97	21.8	3
15	64QAM	36	20	21.17	21.12	21.27	21.08	21.05		
15	64QAM	36	39	21.17	21.22	21.26	21.09	21.08		
15	64QAM	75	0	21.13	21.15	21.24	21.06	20.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.16	24.39	24.33	24.06	24.00	24.8	0
10	QPSK	1	25	24.12	24.23	24.33	24.05	23.90		
10	QPSK	1	49	24.10	24.36	24.18	24.02	23.98		
10	QPSK	25	0	23.20	23.29	23.31	23.14	23.06	23.8	1
10	QPSK	25	12	23.06	23.19	23.17	23.08	22.96		
10	QPSK	25	25	23.19	23.23	23.23	23.06	23.04		
10	QPSK	50	0	23.13	23.25	23.23	23.11	22.92		
10	16QAM	1	0	22.93	23.19	23.23	23.03	22.92	23.8	1
10	16QAM	1	25	23.13	23.20	23.32	23.10	23.03		
10	16QAM	1	49	23.24	23.38	23.14	23.13	23.04		
10	16QAM	25	0	22.00	22.13	22.23	22.03	21.89	22.8	2
10	16QAM	25	12	22.11	22.14	22.26	22.06	22.01		
10	16QAM	25	25	22.22	22.22	22.23	22.15	21.98		
10	16QAM	50	0	22.05	22.25	22.21	22.10	21.99		
10	64QAM	1	0	21.73	21.85	21.91	21.72	21.65	22.8	2
10	64QAM	1	25	21.89	21.93	22.03	21.86	21.71		
10	64QAM	1	49	21.86	22.00	21.93	21.84	21.73		
10	64QAM	25	0	21.08	21.07	21.23	21.09	20.95	21.8	3
10	64QAM	25	12	21.15	21.16	21.19	21.07	20.99		
10	64QAM	25	25	21.14	21.22	21.20	21.05	21.08		
10	64QAM	50	0	21.13	21.16	21.19	21.09	20.99		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.21	24.39	24.35	24.08	24.08	24.8	0
5	QPSK	1	12	24.07	24.18	24.26	24.01	24.00		
5	QPSK	1	24	24.16	24.33	24.22	24.08	23.98		
5	QPSK	12	0	23.15	23.25	23.29	23.10	23.09	23.8	1
5	QPSK	12	7	23.04	23.20	23.18	23.15	22.95		
5	QPSK	12	13	23.11	23.21	23.22	23.11	23.00		
5	QPSK	25	0	23.07	23.19	23.18	23.07	23.01		
5	16QAM	1	0	22.93	23.10	23.23	22.98	22.91	23.8	1
5	16QAM	1	12	23.11	23.17	23.24	23.11	22.97		
5	16QAM	1	24	23.14	23.30	23.15	23.10	23.11		
5	16QAM	12	0	22.03	22.14	22.28	22.07	21.94	22.8	2
5	16QAM	12	7	22.06	22.14	22.20	22.13	22.03		
5	16QAM	12	13	22.17	22.23	22.26	22.15	22.01		
5	16QAM	25	0	22.07	22.23	22.17	22.05	21.98		
5	64QAM	1	0	21.71	21.80	21.93	21.77	21.66	22.8	2
5	64QAM	1	12	21.92	21.91	22.03	21.85	21.70		
5	64QAM	1	24	21.89	22.05	21.86	21.83	21.75		
5	64QAM	12	0	21.08	21.14	21.18	21.08	20.96	21.8	3
5	64QAM	12	7	21.14	21.13	21.17	21.12	20.95		
5	64QAM	12	13	21.12	21.24	21.25	21.16	21.09		
5	64QAM	25	0	21.11	21.23	21.20	21.05	20.98		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.08	24.05	24.10	23.95	24.03	24.8	0
20	QPSK	1	49	24.03	23.95	24.05	23.86	23.92		
20	QPSK	1	99	23.96	24.03	24.08	23.82	24.01		
20	QPSK	50	0	23.05	23.00	23.08	22.92	22.99	23.8	1
20	QPSK	50	24	23.02	22.90	22.99	22.91	22.87		
20	QPSK	50	50	22.98	22.98	23.01	22.88	22.97		
20	QPSK	100	0	23.02	22.93	23.05	22.89	22.86		
20	16QAM	1	0	23.05	22.89	23.08	22.93	22.76	23.8	1
20	16QAM	1	49	23.04	22.96	23.06	22.91	22.88		
20	16QAM	1	99	23.02	23.05	23.09	22.90	23.09		
20	16QAM	50	0	22.02	21.90	21.99	21.94	21.81	22.8	2
20	16QAM	50	24	22.01	21.92	22.00	21.92	21.87		
20	16QAM	50	50	21.99	21.99	22.00	21.91	21.99		
20	16QAM	100	0	22.02	21.95	21.98	21.92	21.89		
20	64QAM	1	0	21.80	21.61	21.78	21.64	21.49	22.8	2
20	64QAM	1	49	21.77	21.71	21.77	21.64	21.62		
20	64QAM	1	99	21.69	21.79	21.77	21.63	21.79		
20	64QAM	50	0	21.00	20.91	21.00	20.95	20.84	21.8	3
20	64QAM	50	24	21.00	20.94	21.02	20.93	20.89		
20	64QAM	50	50	20.99	20.99	21.03	20.91	20.99		
20	64QAM	100	0	21.03	20.93	21.00	20.92	20.89		
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	23.94	23.94	23.99	23.89	23.92	24.8	0
15	QPSK	1	37	23.92	23.88	23.96	23.72	23.76		
15	QPSK	1	74	23.85	23.93	23.95	23.69	23.92		
15	QPSK	36	0	22.99	22.87	22.96	22.85	22.86	23.8	1
15	QPSK	36	20	22.95	22.82	22.94	22.83	22.78		
15	QPSK	36	39	22.93	22.90	22.90	22.77	22.90		
15	QPSK	75	0	22.90	22.86	22.97	22.76	22.70		
15	16QAM	1	0	22.99	22.73	22.99	22.81	22.63	23.8	1
15	16QAM	1	37	22.93	22.87	23.01	22.81	22.80		
15	16QAM	1	74	22.89	22.95	22.95	22.76	22.93		
15	16QAM	36	0	21.90	21.79	21.90	21.80	21.69	22.8	2
15	16QAM	36	20	21.96	21.83	21.85	21.87	21.76		
15	16QAM	36	39	21.93	21.88	21.88	21.85	21.87		
15	16QAM	75	0	21.93	21.86	21.87	21.87	21.79		
15	64QAM	1	0	21.75	21.53	21.64	21.59	21.34	22.8	2
15	64QAM	1	37	21.68	21.66	21.71	21.49	21.48		
15	64QAM	1	74	21.62	21.66	21.67	21.56	21.63		
15	64QAM	36	0	20.95	20.82	20.94	20.82	20.79	21.8	3
15	64QAM	36	20	20.90	20.82	20.87	20.84	20.80		
15	64QAM	36	39	20.93	20.90	20.96	20.82	20.87		
15	64QAM	75	0	20.96	20.79	20.89	20.84	20.80		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.99	23.98	23.98	23.79	23.87	24.8	0
10	QPSK	1	25	23.88	23.84	23.92	23.73	23.84		
10	QPSK	1	49	23.83	23.92	24.03	23.68	23.86		
10	QPSK	25	0	22.90	22.86	22.92	22.79	22.94	23.8	1
10	QPSK	25	12	22.87	22.78	22.94	22.82	22.79		
10	QPSK	25	25	22.90	22.88	22.90	22.76	22.82		
10	QPSK	50	0	22.86	22.81	22.93	22.81	22.79		
10	16QAM	1	0	22.92	22.75	22.94	22.85	22.71	23.8	1
10	16QAM	1	25	22.94	22.88	22.93	22.75	22.83		
10	16QAM	1	49	22.88	22.99	22.93	22.84	22.98		
10	16QAM	25	0	21.86	21.75	21.93	21.80	21.67	22.8	2
10	16QAM	25	12	21.89	21.78	21.86	21.76	21.75		
10	16QAM	25	25	21.90	21.87	21.84	21.81	21.83		
10	16QAM	50	0	21.97	21.89	21.86	21.85	21.81		
10	64QAM	1	0	21.70	21.46	21.66	21.55	21.39	22.8	2
10	64QAM	1	25	21.68	21.64	21.71	21.50	21.48		
10	64QAM	1	49	21.60	21.72	21.68	21.53	21.73		
10	64QAM	25	0	20.92	20.86	20.91	20.84	20.75	21.8	3
10	64QAM	25	12	20.88	20.86	20.91	20.81	20.83		
10	64QAM	25	25	20.90	20.92	20.90	20.78	20.91		
10	64QAM	50	0	20.91	20.84	20.91	20.85	20.73		
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	24.24	23.89	23.89	23.98	24.22	24.8	0
5	QPSK	1	12	24.21	23.92	23.90	23.96	24.21		
5	QPSK	1	24	24.20	23.94	23.93	23.86	24.20		
5	QPSK	12	0	23.31	22.93	22.92	22.90	23.27	23.8	1
5	QPSK	12	7	23.30	22.93	22.93	22.89	23.25		
5	QPSK	12	13	23.25	22.92	22.90	22.87	23.26		
5	QPSK	25	0	23.28	22.93	22.92	22.89	23.26		
5	16QAM	1	0	23.31	22.98	22.98	22.83	23.22	23.8	1
5	16QAM	1	12	23.32	22.99	23.00	22.91	23.26		
5	16QAM	1	24	23.30	23.04	22.99	22.87	23.28		
5	16QAM	12	0	22.24	21.90	21.87	21.87	22.22	22.8	2
5	16QAM	12	7	22.22	21.89	21.86	21.85	22.22		
5	16QAM	12	13	22.22	21.89	21.89	21.85	22.26		
5	16QAM	25	0	22.30	21.94	21.94	21.92	22.31		
5	64QAM	1	0	22.05	21.67	21.70	21.70	22.00	22.8	2
5	64QAM	1	12	22.04	21.64	21.70	21.72	22.07		
5	64QAM	1	24	21.99	21.70	21.70	21.69	22.11		
5	64QAM	12	0	21.25	20.94	20.93	20.90	21.23	21.8	3
5	64QAM	12	7	21.26	20.95	20.91	20.90	21.28		
5	64QAM	12	13	21.26	20.94	20.94	20.91	21.29		
5	64QAM	25	0	21.30	20.96	20.97	20.95	21.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.33	23.22	23.35	23.22	23.20	24.1	0
20	QPSK	1	49	23.30	23.09	23.31	23.19	23.08		
20	QPSK	1	99	23.22	23.21	23.33	23.12	23.17		
20	QPSK	50	0	22.26	22.19	22.28	22.16	22.23	23.1	1
20	QPSK	50	24	22.25	22.08	22.23	22.13	22.15		
20	QPSK	50	50	22.23	22.17	22.24	22.11	22.20		
20	QPSK	100	0	22.24	22.10	22.25	22.12	22.16		
20	16QAM	1	0	22.30	22.05	22.28	22.16	22.13	23.1	1
20	16QAM	1	49	22.27	22.13	22.30	22.15	22.15		
20	16QAM	1	99	22.21	22.27	22.30	22.15	22.26		
20	16QAM	50	0	21.25	21.07	21.24	21.18	21.15	22.1	2
20	16QAM	50	24	21.23	21.09	21.23	21.14	21.17		
20	16QAM	50	50	21.22	21.18	21.26	21.12	21.24		
20	16QAM	100	0	21.23	21.11	21.23	21.15	21.16		
20	64QAM	1	0	21.01	20.74	20.99	20.95	20.85	22.1	2
20	64QAM	1	49	21.02	20.89	20.98	20.89	20.88		
20	64QAM	1	99	20.95	20.96	21.01	20.87	20.98		
20	64QAM	50	0	20.26	20.05	20.23	20.17	20.12	21.1	3
20	64QAM	50	24	20.25	20.10	20.26	20.13	20.17		
20	64QAM	50	50	20.22	20.17	20.27	20.12	20.23		
20	64QAM	100	0	20.26	20.11	20.24	20.16	20.15		
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	23.28	23.14	23.22	23.17	23.09	24.1	0
15	QPSK	1	37	23.17	23.01	23.17	23.12	22.92		
15	QPSK	1	74	23.06	23.07	23.18	23.00	23.02		
15	QPSK	36	0	22.16	22.09	22.15	22.05	22.09	23.1	1
15	QPSK	36	20	22.12	21.97	22.09	22.00	22.06		
15	QPSK	36	39	22.17	22.01	22.14	22.04	22.15		
15	QPSK	75	0	22.11	21.94	22.20	22.00	22.11		
15	16QAM	1	0	22.16	21.92	22.16	22.01	21.98	23.1	1
15	16QAM	1	37	22.18	21.98	22.23	22.06	22.05		
15	16QAM	1	74	22.11	22.19	22.15	22.07	22.17		
15	16QAM	36	0	21.20	20.93	21.09	21.02	20.99	22.1	2
15	16QAM	36	20	21.16	21.00	21.18	20.99	21.03		
15	16QAM	36	39	21.12	21.03	21.20	20.99	21.15		
15	16QAM	75	0	21.15	20.98	21.13	21.04	21.00		
15	64QAM	1	0	20.93	20.61	20.86	20.87	20.79	22.1	2
15	64QAM	1	37	20.95	20.79	20.85	20.77	20.78		
15	64QAM	1	74	20.84	20.81	20.86	20.79	20.85		
15	64QAM	36	0	20.19	19.90	20.15	20.06	20.03	21.1	3
15	64QAM	36	20	20.15	20.00	20.17	20.02	20.05		
15	64QAM	36	39	20.12	20.11	20.15	19.99	20.13		
15	64QAM	75	0	20.11	20.06	20.15	20.04	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.24	23.10	23.29	23.08	23.14	24.1	0
10	QPSK	1	25	23.20	22.96	23.26	23.09	22.92		
10	QPSK	1	49	23.06	23.14	23.28	22.99	23.11		
10	QPSK	25	0	22.14	22.05	22.16	22.04	22.09	23.1	1
10	QPSK	25	12	22.18	21.92	22.18	21.98	22.06		
10	QPSK	25	25	22.17	22.08	22.09	21.97	22.15		
10	QPSK	50	0	22.12	21.98	22.18	22.03	22.02		
10	16QAM	1	0	22.22	21.97	22.17	22.10	22.00	23.1	1
10	16QAM	1	25	22.13	22.05	22.25	22.04	22.09		
10	16QAM	1	49	22.07	22.22	22.24	22.02	22.13		
10	16QAM	25	0	21.09	21.00	21.08	21.10	21.06	22.1	2
10	16QAM	25	12	21.16	20.99	21.11	21.07	21.07		
10	16QAM	25	25	21.13	21.07	21.19	21.03	21.14		
10	16QAM	50	0	21.13	21.05	21.16	21.09	21.06		
10	64QAM	1	0	20.88	20.65	20.92	20.79	20.72	22.1	2
10	64QAM	1	25	20.91	20.75	20.90	20.76	20.72		
10	64QAM	1	49	20.89	20.85	20.92	20.82	20.84		
10	64QAM	25	0	20.16	19.97	20.08	20.12	19.99	21.1	3
10	64QAM	25	12	20.14	20.04	20.11	20.04	20.01		
10	64QAM	25	25	20.15	20.08	20.11	20.04	20.14		
10	64QAM	50	0	20.12	19.96	20.16	20.01	20.01		
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	23.20	23.05	23.21	23.14	23.17	24.1	0
5	QPSK	1	12	23.21	23.07	23.19	23.18	23.22		
5	QPSK	1	24	23.18	23.10	23.12	23.12	23.20		
5	QPSK	12	0	22.30	22.07	22.14	22.14	22.21	23.1	1
5	QPSK	12	7	22.29	22.06	22.14	22.11	22.24		
5	QPSK	12	13	22.26	22.06	22.13	22.09	22.22		
5	QPSK	25	0	22.26	22.06	22.15	22.11	22.24		
5	16QAM	1	0	22.29	22.07	22.16	22.11	22.21	23.1	1
5	16QAM	1	12	22.32	22.12	22.18	22.13	22.25		
5	16QAM	1	24	22.29	22.16	22.17	22.13	22.26		
5	16QAM	12	0	21.27	21.03	21.12	21.11	21.21	22.1	2
5	16QAM	12	7	21.24	21.03	21.10	21.07	21.22		
5	16QAM	12	13	21.24	21.02	21.11	21.06	21.21		
5	16QAM	25	0	21.29	21.09	21.17	21.13	21.29		
5	64QAM	1	0	21.04	20.82	20.96	20.85	21.00	22.1	2
5	64QAM	1	12	21.04	20.83	20.95	20.85	21.00		
5	64QAM	1	24	21.02	20.86	20.97	20.82	20.99		
5	64QAM	12	0	20.28	20.11	20.17	20.13	20.22	21.1	3
5	64QAM	12	7	20.31	20.09	20.15	20.10	20.24		
5	64QAM	12	13	20.31	20.09	20.14	20.10	20.26		
5	64QAM	25	0	20.33	20.11	20.18	20.17	20.29		

Reduced Power Mode for ECI 1

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.21	32.40	32.35	33.50	23.21	23.40	23.35	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.38	32.34	33.50	23.20	23.38	23.34	24.50
GPRS/EDGE GMSK 2 Tx slots	30.20	30.33	30.31	31.00	24.20	24.33	24.31	25.00
GPRS/EDGE GMSK 3 Tx slots	28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.94
GPRS/EDGE GMSK 4 Tx slots	26.56	26.74	26.71	28.00	23.56	23.74	23.71	25.00
EDGE 8PSK 1 Tx slot	26.30	26.33	26.30	28.00	17.30	17.33	17.30	19.00
EDGE 8PSK 2 Tx slots	25.05	25.08	25.23	26.00	19.05	19.08	19.23	20.00
EDGE 8PSK 3 Tx slots	22.95	22.98	23.05	24.00	18.69	18.72	18.79	19.74
EDGE 8PSK 4 Tx slots	21.67	21.68	21.78	23.00	18.67	18.68	18.78	20.00

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.22	32.33	32.30	33.50	23.22	23.33	23.30	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.32	32.28	33.50	23.20	23.32	23.28	24.50
GPRS/EDGE GMSK 2 Tx slots	30.21	30.30	30.27	31.00	24.21	24.30	24.27	25.00
GPRS/EDGE GMSK 3 Tx slots	28.21	28.29	28.26	29.20	23.95	24.03	24.00	24.94
GPRS/EDGE GMSK 4 Tx slots	26.65	26.73	26.70	28.00	23.65	23.73	23.70	25.00
EDGE 8PSK 1 Tx slot	26.33	26.37	26.30	28.00	17.33	17.37	17.30	19.00
EDGE 8PSK 2 Tx slots	25.11	25.13	25.08	26.00	19.11	19.13	19.08	20.00
EDGE 8PSK 3 Tx slots	23.00	23.02	22.98	24.00	18.74	18.76	18.72	19.74
EDGE 8PSK 4 Tx slots	21.90	21.94	21.89	23.00	18.90	18.94	18.89	20.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.59	29.63	29.56	30.50	20.59	20.63	20.56	21.50
GPRS/EDGE GMSK 1 Tx slot	29.58	29.61	29.54	30.50	20.58	20.61	20.54	21.50
GPRS/EDGE GMSK 2 Tx slots	26.62	26.64	26.61	28.00	20.62	20.64	20.61	22.00
GPRS/EDGE GMSK 3 Tx slots	24.90	24.91	24.87	26.00	20.64	20.65	20.61	21.74
GPRS/EDGE GMSK 4 Tx slots	23.15	23.16	23.13	24.00	20.15	20.16	20.13	21.00
EDGE 8PSK 1 Tx slot	26.40	26.26	26.23	27.00	17.40	17.26	17.23	18.00
EDGE 8PSK 2 Tx slots	24.90	24.89	24.88	26.00	18.90	18.89	18.88	20.00
EDGE 8PSK 3 Tx slots	22.85	22.78	22.73	23.50	18.59	18.52	18.47	19.24
EDGE 8PSK 4 Tx slots	21.40	21.36	21.33	22.50	18.40	18.36	18.33	19.50

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.53	29.57	29.55	30.50	20.53	20.57	20.55	21.50
GPRS/EDGE GMSK 1 Tx slot	29.51	29.55	29.53	30.50	20.51	20.55	20.53	21.50
GPRS/EDGE GMSK 2 Tx slots	26.50	26.54	26.52	28.00	20.50	20.54	20.52	22.00
GPRS/EDGE GMSK 3 Tx slots	24.76	24.82	24.80	26.00	20.50	20.56	20.54	21.74
GPRS/EDGE GMSK 4 Tx slots	23.01	23.05	23.03	24.00	20.01	20.05	20.03	21.00
EDGE 8PSK 1 Tx slot	25.95	25.97	25.93	27.00	16.95	16.97	16.93	18.00
EDGE 8PSK 2 Tx slots	24.88	24.90	24.85	26.00	18.88	18.90	18.85	20.00
EDGE 8PSK 3 Tx slots	22.42	22.46	22.40	23.50	18.16	18.20	18.14	19.24
EDGE 8PSK 4 Tx slots	21.23	21.26	21.21	22.50	18.23	18.26	18.21	19.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA II_Ant 1			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	22.16	22.22	22.15	23.30	21.21	21.26	21.20	22.30
3GPP Rel 99	RMC 12.2Kbps	22.19	22.24	22.19	23.30	21.24	21.30	21.23	22.30
3GPP Rel 6	HSDPA Subtest-1	21.19	21.20	21.38	22.30	20.32	20.44	20.45	21.30
3GPP Rel 6	HSDPA Subtest-2	21.29	21.24	21.28	22.30	20.44	20.48	20.45	21.30
3GPP Rel 6	HSDPA Subtest-3	20.79	20.75	20.89	21.80	20.02	20.07	19.91	20.80
3GPP Rel 6	HSDPA Subtest-4	20.72	20.73	20.84	21.80	19.86	20.01	20.01	20.80
3GPP Rel 8	DC-HSDPA Subtest-1	21.18	21.17	21.18	22.30	20.22	20.39	20.43	21.30
3GPP Rel 8	DC-HSDPA Subtest-2	21.15	21.22	21.11	22.30	20.38	20.47	20.34	21.30
3GPP Rel 8	DC-HSDPA Subtest-3	20.73	20.64	20.82	21.80	19.85	19.96	19.83	20.80
3GPP Rel 8	DC-HSDPA Subtest-4	20.53	20.69	20.68	21.80	19.78	19.93	19.77	20.80
3GPP Rel 6	HSUPA Subtest-1	18.70	18.71	18.61	20.30	17.73	17.72	17.77	19.30
3GPP Rel 6	HSUPA Subtest-2	18.58	18.61	18.62	20.30	17.79	17.58	17.59	19.30
3GPP Rel 6	HSUPA Subtest-3	20.71	20.59	20.69	21.30	19.72	19.67	19.76	20.30
3GPP Rel 6	HSUPA Subtest-4	18.65	18.63	18.65	20.30	17.72	17.69	17.62	19.30
3GPP Rel 6	HSUPA Subtest-5	20.70	20.67	20.69	21.30	19.77	19.83	19.66	20.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.22	21.13	21.10	21.80	20.45	20.46	20.40	20.80

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 1			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	21.87	21.92	21.91	22.80	21.09	21.11	21.02	21.80
3GPP Rel 99	RMC 12.2Kbps	21.91	21.95	21.94	22.80	21.13	21.14	21.09	21.80
3GPP Rel 6	HSDPA Subtest-1	21.01	20.98	20.89	21.80	20.21	20.18	20.09	20.80
3GPP Rel 6	HSDPA Subtest-2	20.92	20.98	20.92	21.80	20.19	20.09	20.06	20.80
3GPP Rel 6	HSDPA Subtest-3	20.43	20.59	20.40	21.30	19.67	19.73	19.56	20.30
3GPP Rel 6	HSDPA Subtest-4	20.44	20.47	20.49	21.30	19.69	19.64	19.63	20.30
3GPP Rel 8	DC-HSDPA Subtest-1	20.85	20.85	20.82	21.80	20.05	20.07	19.98	20.80
3GPP Rel 8	DC-HSDPA Subtest-2	20.79	21.03	20.82	21.80	20.02	20.04	19.97	20.80
3GPP Rel 8	DC-HSDPA Subtest-3	20.40	20.47	20.40	21.30	19.58	19.57	19.46	20.30
3GPP Rel 8	DC-HSDPA Subtest-4	20.33	20.42	20.40	21.30	19.60	19.59	19.44	20.30
3GPP Rel 6	HSUPA Subtest-1	18.43	18.51	18.49	19.80	17.53	17.52	17.53	18.80
3GPP Rel 6	HSUPA Subtest-2	18.49	18.52	18.43	19.80	17.47	17.47	17.39	18.80
3GPP Rel 6	HSUPA Subtest-3	20.47	20.43	20.41	20.80	19.43	19.39	19.43	19.80
3GPP Rel 6	HSUPA Subtest-4	18.41	18.48	18.49	19.80	17.56	17.43	17.44	18.80
3GPP Rel 6	HSUPA Subtest-5	20.47	20.44	20.43	20.80	19.52	19.45	19.44	19.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.14	20.27	20.11	21.30	19.20	19.33	19.27	20.30

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	23.70	23.72	23.67	24.80	23.71	23.73	23.68	24.80
3GPP Rel 99	RMC 12.2Kbps	23.73	23.75	23.71	24.80	23.75	23.77	23.72	24.80
3GPP Rel 6	HSDPA Subtest-1	22.81	22.74	22.79	23.80	22.73	22.67	22.71	23.80
3GPP Rel 6	HSDPA Subtest-2	22.79	22.79	22.78	23.80	22.73	22.71	22.72	23.80
3GPP Rel 6	HSDPA Subtest-3	22.34	22.36	22.35	23.30	22.30	22.24	22.25	23.30
3GPP Rel 6	HSDPA Subtest-4	22.32	22.30	22.28	23.30	22.25	22.17	22.19	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	22.64	22.61	22.57	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	22.62	22.61	22.58	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	22.19	22.17	22.12	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	22.20	22.12	22.14	23.30
3GPP Rel 6	HSUPA Subtest-1	20.45	20.48	20.42	21.80	20.42	20.40	20.39	21.80
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.40	21.80	20.37	20.37	20.35	21.80
3GPP Rel 6	HSUPA Subtest-3	22.45	22.46	22.43	22.80	22.37	22.32	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	20.40	20.43	20.41	21.80	20.36	20.37	20.32	21.80
3GPP Rel 6	HSUPA Subtest-5	22.50	22.55	22.52	22.80	22.46	22.49	22.41	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.62	21.65	21.60	23.30	21.70	21.74	21.68	23.30

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.04	22.06	22.03	22.8	0
20	QPSK	1	49	21.90	22.00	22.02		
20	QPSK	1	99	21.96	22.03	21.94		
20	QPSK	50	0	21.93	22.05	22.00	22.8	0
20	QPSK	50	24	21.92	22.00	21.95		
20	QPSK	50	50	21.91	22.05	21.98		
20	QPSK	100	0	21.99	22.00	21.91		
20	16QAM	1	0	21.98	21.97	21.97	22.8	0
20	16QAM	1	49	21.92	21.98	21.99		
20	16QAM	1	99	21.99	21.94	21.94		
20	16QAM	50	0	20.92	21.00	21.04	21.8	1
20	16QAM	50	24	20.96	20.96	21.05		
20	16QAM	50	50	20.92	20.96	21.00		
20	16QAM	100	0	20.91	20.99	21.02		
20	64QAM	1	0	21.11	21.14	21.12	21.8	1
20	64QAM	1	49	21.07	21.17	21.12		
20	64QAM	1	99	20.97	21.03	21.06		
20	64QAM	50	0	19.92	19.97	20.04	20.8	2
20	64QAM	50	24	19.96	19.96	20.03		
20	64QAM	50	50	19.92	19.95	20.00		
20	64QAM	100	0	19.92	19.97	20.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.85	21.80	21.97	22.8	0
15	QPSK	1	37	21.83	21.89	21.96		
15	QPSK	1	74	21.85	21.98	21.88		
15	QPSK	36	0	21.83	21.85	21.82	22.8	0
15	QPSK	36	20	21.89	21.89	21.93		
15	QPSK	36	39	21.86	21.93	21.86		
15	QPSK	75	0	21.85	21.96	21.78		
15	16QAM	1	0	21.85	21.93	21.90	22.8	0
15	16QAM	1	37	21.89	21.96	21.88		
15	16QAM	1	74	21.94	21.93	21.88		
15	16QAM	36	0	20.86	20.85	20.90	21.8	1
15	16QAM	36	20	20.88	20.82	20.98		
15	16QAM	36	39	20.86	20.88	20.87		
15	16QAM	75	0	20.87	20.83	20.88		
15	64QAM	1	0	21.00	21.08	21.04	21.8	1
15	64QAM	1	37	20.93	21.01	21.06		
15	64QAM	1	74	20.86	20.97	20.92		
15	64QAM	36	0	19.78	19.86	19.88	20.8	2
15	64QAM	36	20	19.91	19.81	19.90		
15	64QAM	36	39	19.81	19.81	19.86		
15	64QAM	75	0	19.80	19.82	19.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.80	21.80	21.97	22.8	0
10	QPSK	1	25	21.80	21.87	21.97		
10	QPSK	1	49	21.81	21.93	21.79		
10	QPSK	25	0	21.87	21.93	21.82	22.8	0
10	QPSK	25	12	21.81	21.96	21.93		
10	QPSK	25	25	21.88	21.91	21.90		
10	QPSK	50	0	21.92	21.85	21.86		
10	16QAM	1	0	21.88	21.93	21.91	22.8	0
10	16QAM	1	25	21.85	21.86	21.86		
10	16QAM	1	49	21.87	21.91	21.79		
10	16QAM	25	0	20.89	20.90	20.91	21.8	1
10	16QAM	25	12	20.91	20.80	20.95		
10	16QAM	25	25	20.89	20.85	20.87		
10	16QAM	50	0	20.87	20.85	20.97		
10	64QAM	1	0	21.04	20.99	21.07	21.8	1
10	64QAM	1	25	20.95	21.08	21.04		
10	64QAM	1	49	20.90	20.92	20.99		
10	64QAM	25	0	19.82	19.81	19.98	20.8	2
10	64QAM	25	12	19.81	19.85	19.89		
10	64QAM	25	25	19.87	19.81	19.95		
10	64QAM	50	0	19.84	19.82	19.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.84	21.81	21.85	22.8	0
5	QPSK	1	12	21.78	21.87	21.97		
5	QPSK	1	24	21.84	21.96	21.92		
5	QPSK	12	0	21.84	21.92	21.91	22.8	0
5	QPSK	12	7	21.81	21.92	21.80		
5	QPSK	12	13	21.80	21.93	21.92		
5	QPSK	25	0	21.96	21.97	21.88		
5	16QAM	1	0	21.84	21.95	21.83	22.8	0
5	16QAM	1	12	21.89	21.83	21.86		
5	16QAM	1	24	21.96	21.96	21.88		
5	16QAM	12	0	20.87	20.89	20.90	21.8	1
5	16QAM	12	7	20.94	20.86	20.93		
5	16QAM	12	13	20.88	20.81	20.87		
5	16QAM	25	0	20.85	20.91	20.94		
5	64QAM	1	0	21.00	21.09	21.07	21.8	1
5	64QAM	1	12	21.02	21.02	20.96		
5	64QAM	1	24	20.89	20.90	20.98		
5	64QAM	12	0	19.85	19.81	19.98	20.8	2
5	64QAM	12	7	19.90	19.89	19.94		
5	64QAM	12	13	19.78	19.81	19.84		
5	64QAM	25	0	19.76	19.91	19.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.91	21.92	21.88	22.8	0
3	QPSK	1	8	21.87	21.85	21.90		
3	QPSK	1	14	21.89	21.97	21.82		
3	QPSK	8	0	21.90	21.88	21.92	22.8	0
3	QPSK	8	4	21.84	21.97	21.92		
3	QPSK	8	7	21.85	21.97	21.90		
3	QPSK	15	0	21.97	21.88	21.84		
3	16QAM	1	0	21.93	21.93	21.91	22.8	0
3	16QAM	1	8	21.80	21.96	21.86		
3	16QAM	1	14	21.87	21.96	21.88		
3	16QAM	8	0	20.87	20.89	20.90	21.8	1
3	16QAM	8	4	20.92	20.85	20.99		
3	16QAM	8	7	20.86	20.90	20.89		
3	16QAM	15	0	20.83	20.91	20.91		
3	64QAM	1	0	20.97	21.07	20.99	21.8	1
3	64QAM	1	8	20.93	21.12	21.02		
3	64QAM	1	14	20.85	20.95	20.97		
3	64QAM	8	0	19.84	19.81	19.93	20.8	2
3	64QAM	8	4	19.88	19.85	19.88		
3	64QAM	8	7	19.87	19.81	19.95		
3	64QAM	15	0	19.84	19.83	19.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.86	21.84	21.97	22.8	0
1.4	QPSK	1	3	21.89	21.91	21.97		
1.4	QPSK	1	5	21.77	21.98	21.92		
1.4	QPSK	3	0	21.93	21.88	21.92		
1.4	QPSK	3	1	21.82	21.84	21.83		
1.4	QPSK	3	3	21.80	21.86	21.83		
1.4	QPSK	6	0	21.84	21.92	21.94	22.8	0
1.4	16QAM	1	0	21.79	21.90	21.91	22.8	0
1.4	16QAM	1	3	21.87	21.95	21.91		
1.4	16QAM	1	5	21.84	21.96	21.86		
1.4	16QAM	3	0	21.89	21.93	21.87		
1.4	16QAM	3	1	21.85	21.99	21.96		
1.4	16QAM	3	3	21.87	21.91	21.83		
1.4	16QAM	6	0	20.90	20.88	20.94	21.8	1
1.4	64QAM	1	0	20.92	20.88	20.91	21.8	1
1.4	64QAM	1	3	20.89	20.91	20.95		
1.4	64QAM	1	5	20.87	20.93	20.91		
1.4	64QAM	3	0	20.97	21.07	20.96		
1.4	64QAM	3	1	21.01	21.07	21.04		
1.4	64QAM	3	3	20.85	20.88	20.95		
1.4	64QAM	6	0	19.80	19.83	19.93	20.8	2

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.13	21.18	21.07	21.8	0
20	QPSK	1	49	21.10	21.15	21.06		
20	QPSK	1	99	21.11	21.07	21.05		
20	QPSK	50	0	21.12	21.13	21.10	21.8	0
20	QPSK	50	24	21.11	21.10	21.04		
20	QPSK	50	50	21.04	21.11	21.09		
20	QPSK	100	0	21.09	21.12	21.01		
20	16QAM	1	0	21.13	21.11	21.08	21.8	0
20	16QAM	1	49	21.01	21.03	21.03		
20	16QAM	1	99	21.12	21.04	21.01		
20	16QAM	50	0	20.94	20.92	20.92	21.8	0
20	16QAM	50	24	20.95	20.89	20.86		
20	16QAM	50	50	20.88	20.86	20.84		
20	16QAM	100	0	20.91	20.90	20.86		
20	64QAM	1	0	21.08	21.11	21.10	21.8	0
20	64QAM	1	49	21.13	21.04	21.02		
20	64QAM	1	99	20.93	20.96	20.97		
20	64QAM	50	0	19.95	19.94	19.90	20.8	1
20	64QAM	50	24	19.95	19.91	19.85		
20	64QAM	50	50	19.90	19.86	19.83		
20	64QAM	100	0	19.92	19.89	19.85		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.02	21.08	21.09	21.8	0
15	QPSK	1	37	21.08	21.11	21.07		
15	QPSK	1	74	21.10	21.10	21.11		
15	QPSK	36	0	21.03	21.03	21.05	21.8	0
15	QPSK	36	20	21.01	21.07	21.04		
15	QPSK	36	39	21.04	21.06	21.05		
15	QPSK	75	0	21.11	21.13	21.00		
15	16QAM	1	0	21.01	21.04	21.01	21.8	0
15	16QAM	1	37	21.10	21.09	21.10		
15	16QAM	1	74	21.11	21.10	20.99		
15	16QAM	36	0	21.03	20.99	20.90	21.8	0
15	16QAM	36	20	21.00	20.95	20.88		
15	16QAM	36	39	20.97	20.90	20.87		
15	16QAM	75	0	21.02	20.99	20.91		
15	64QAM	1	0	21.00	21.04	21.10	21.8	0
15	64QAM	1	37	21.08	21.08	21.05		
15	64QAM	1	74	21.06	21.03	20.99		
15	64QAM	36	0	20.02	20.01	19.91	20.8	1
15	64QAM	36	20	20.02	19.96	19.89		
15	64QAM	36	39	19.99	19.93	19.89		
15	64QAM	75	0	20.04	19.98	19.89		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.11	21.04	21.01	21.8	0
10	QPSK	1	25	21.03	21.04	21.01		
10	QPSK	1	49	21.09	21.04	21.08		
10	QPSK	25	0	21.04	21.10	21.08	21.8	0
10	QPSK	25	12	21.02	21.03	21.09		
10	QPSK	25	25	21.01	21.10	21.07		
10	QPSK	50	0	21.04	21.04	21.05		
10	16QAM	1	0	21.11	21.03	21.08	21.8	0
10	16QAM	1	25	21.10	21.11	21.11		
10	16QAM	1	49	21.05	21.03	21.04		
10	16QAM	25	0	21.02	20.97	20.89	21.8	0
10	16QAM	25	12	21.02	20.90	20.88		
10	16QAM	25	25	21.03	20.92	20.85		
10	16QAM	50	0	21.03	20.95	20.89		
10	64QAM	1	0	21.08	21.08	21.08	21.8	0
10	64QAM	1	25	21.08	21.08	21.03		
10	64QAM	1	49	21.04	21.12	21.05		
10	64QAM	25	0	20.01	19.97	19.88	20.8	1
10	64QAM	25	12	20.01	19.91	19.85		
10	64QAM	25	25	20.03	19.95	19.84		
10	64QAM	50	0	20.01	19.96	19.88		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.10	21.06	21.11	21.8	0
5	QPSK	1	12	21.02	21.07	21.07		
5	QPSK	1	24	21.04	21.06	21.07		
5	QPSK	12	0	21.04	21.09	21.04	21.8	0
5	QPSK	12	7	21.13	21.11	21.05		
5	QPSK	12	13	21.06	21.13	21.10		
5	QPSK	25	0	21.04	21.11	21.11		
5	16QAM	1	0	21.05	21.07	20.99	21.8	0
5	16QAM	1	12	21.04	21.05	21.12		
5	16QAM	1	24	21.10	21.04	21.12		
5	16QAM	12	0	20.80	20.79	20.78	21.8	0
5	16QAM	12	7	20.82	20.84	20.75		
5	16QAM	12	13	20.86	20.81	20.70		
5	16QAM	25	0	20.90	20.77	20.78		
5	64QAM	1	0	21.09	20.99	21.07	21.8	0
5	64QAM	1	12	20.98	21.00	20.95		
5	64QAM	1	24	20.80	20.94	20.88		
5	64QAM	12	0	19.93	19.91	19.79	20.8	1
5	64QAM	12	7	19.85	19.83	19.82		
5	64QAM	12	13	19.76	19.76	19.76		
5	64QAM	25	0	19.85	19.77	19.76		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.01	21.13	21.09	21.8	0
3	QPSK	1	8	21.08	21.04	21.12		
3	QPSK	1	14	21.08	21.03	21.10		
3	QPSK	8	0	21.09	21.13	21.01	21.8	0
3	QPSK	8	4	21.11	21.04	21.03		
3	QPSK	8	7	21.03	21.05	21.01		
3	QPSK	15	0	21.04	21.06	21.05		
3	16QAM	1	0	21.11	21.05	21.11	21.8	0
3	16QAM	1	8	21.11	21.09	21.05		
3	16QAM	1	14	21.10	21.13	21.08		
3	16QAM	8	0	20.87	20.78	20.77	21.8	0
3	16QAM	8	4	20.81	20.74	20.84		
3	16QAM	8	7	20.81	20.84	20.83		
3	16QAM	15	0	20.77	20.83	20.78		
3	64QAM	1	0	21.04	21.04	21.03	21.8	0
3	64QAM	1	8	21.04	21.09	20.87		
3	64QAM	1	14	20.88	20.84	20.96		
3	64QAM	8	0	19.90	19.85	19.79	20.8	1
3	64QAM	8	4	19.84	19.78	19.72		
3	64QAM	8	7	19.78	19.82	19.70		
3	64QAM	15	0	19.79	19.84	19.76		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.02	21.04	20.99	21.8	0
1.4	QPSK	1	3	21.13	21.10	21.00		
1.4	QPSK	1	5	21.10	21.04	21.07		
1.4	QPSK	3	0	21.09	21.10	21.06		
1.4	QPSK	3	1	21.13	21.04	21.07		
1.4	QPSK	3	3	21.08	21.04	21.02		
1.4	QPSK	6	0	21.04	21.05	21.08	21.8	0
1.4	16QAM	1	0	21.09	21.13	21.08	21.8	0
1.4	16QAM	1	3	21.01	21.11	21.01		
1.4	16QAM	1	5	21.09	21.04	21.03		
1.4	16QAM	3	0	21.10	21.04	21.09		
1.4	16QAM	3	1	21.01	21.12	21.10		
1.4	16QAM	3	3	21.04	21.11	20.99		
1.4	16QAM	6	0	20.79	20.89	20.82	21.8	0
1.4	64QAM	1	0	20.90	20.89	20.87	21.8	0
1.4	64QAM	1	3	20.82	20.85	20.91		
1.4	64QAM	1	5	20.81	20.81	20.89		
1.4	64QAM	3	0	20.79	20.85	20.80		
1.4	64QAM	3	1	20.92	20.84	20.84		
1.4	64QAM	3	3	20.87	20.88	20.77		
1.4	64QAM	6	0	19.80	19.81	19.84	20.8	1

Band 2_Ant 4(ENDC)

BW [MHz]	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	21.98	22.02	21.97	23.3	0
20	QPSK	1	49	21.96	21.97	21.89		
20	QPSK	1	99	21.93	21.94	21.89		
20	QPSK	50	0	20.96	20.98	20.93	22.3	1
20	QPSK	50	24	20.87	20.95	20.87		
20	QPSK	50	50	20.94	20.95	20.88		
20	QPSK	100	0	20.92	20.94	20.90		
20	16QAM	1	0	20.98	21.00	20.95	22.3	1
20	16QAM	1	49	20.93	20.92	20.92		
20	16QAM	1	99	20.90	20.92	20.86		
20	16QAM	50	0	19.88	19.89	19.86	21.3	2
20	16QAM	50	24	19.80	19.80	19.83		
20	16QAM	50	50	19.86	19.86	19.80		
20	16QAM	100	0	19.80	19.83	19.81		
20	64QAM	1	0	19.95	19.97	19.93	21.3	2
20	64QAM	1	49	19.91	19.93	19.90		
20	64QAM	1	99	19.87	19.94	19.87		
20	64QAM	50	0	18.82	18.84	18.80	20.3	3
20	64QAM	50	24	18.77	18.74	18.71		
20	64QAM	50	50	18.73	18.76	18.78		
20	64QAM	100	0	18.77	18.79	18.71		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.93	21.97	21.95	23.3	0
15	QPSK	1	37	21.91	21.89	21.80		
15	QPSK	1	74	21.85	21.90	21.84		
15	QPSK	36	0	20.90	20.91	20.84	22.3	1
15	QPSK	36	20	20.81	20.86	20.80		
15	QPSK	36	39	20.89	20.88	20.83		
15	QPSK	75	0	20.88	20.92	20.88		
15	16QAM	1	0	20.91	20.90	20.85	22.3	1
15	16QAM	1	37	20.91	20.88	20.87		
15	16QAM	1	74	20.80	20.89	20.81		
15	16QAM	36	0	19.86	19.80	19.84	21.3	2
15	16QAM	36	20	19.73	19.76	19.78		
15	16QAM	36	39	19.80	19.76	19.70		
15	16QAM	75	0	19.70	19.81	19.71		
15	64QAM	1	0	19.92	19.90	19.87	21.3	2
15	64QAM	1	37	19.87	19.88	19.86		
15	64QAM	1	74	19.81	19.87	19.78		
15	64QAM	36	0	18.76	18.75	18.74	20.3	3
15	64QAM	36	20	18.68	18.71	18.63		
15	64QAM	36	39	18.69	18.71	18.74		
15	64QAM	75	0	18.67	18.76	18.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.89	21.93	21.88	23.3	0
10	QPSK	1	25	21.93	21.93	21.81		
10	QPSK	1	49	21.90	21.92	21.82		
10	QPSK	25	0	20.94	20.91	20.88	22.3	1
10	QPSK	25	12	20.83	20.86	20.83		
10	QPSK	25	25	20.92	20.90	20.78		
10	QPSK	50	0	20.89	20.87	20.85		
10	16QAM	1	0	20.96	20.90	20.88	22.3	1
10	16QAM	1	25	20.84	20.85	20.82		
10	16QAM	1	49	20.81	20.89	20.82		
10	16QAM	25	0	19.80	19.82	19.76	21.3	2
10	16QAM	25	12	19.77	19.73	19.78		
10	16QAM	25	25	19.84	19.76	19.77		
10	16QAM	50	0	19.74	19.75	19.77		
10	64QAM	1	0	19.91	19.87	19.84	21.3	2
10	64QAM	1	25	19.81	19.89	19.84		
10	64QAM	1	49	19.84	19.90	19.81		
10	64QAM	25	0	18.76	18.77	18.72	20.3	3
10	64QAM	25	12	18.75	18.67	18.69		
10	64QAM	25	25	18.71	18.66	18.70		
10	64QAM	50	0	18.75	18.76	18.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.93	21.92	21.88	23.3	0
5	QPSK	1	12	21.90	21.93	21.81		
5	QPSK	1	24	21.84	21.87	21.87		
5	QPSK	12	0	20.86	20.88	20.84	22.3	1
5	QPSK	12	7	20.79	20.93	20.78		
5	QPSK	12	13	20.84	20.89	20.79		
5	QPSK	25	0	20.83	20.91	20.87		
5	16QAM	1	0	20.89	20.95	20.90	22.3	1
5	16QAM	1	12	20.83	20.83	20.83		
5	16QAM	1	24	20.88	20.90	20.79		
5	16QAM	12	0	19.85	19.85	19.76	21.3	2
5	16QAM	12	7	19.77	19.75	19.81		
5	16QAM	12	13	19.84	19.83	19.77		
5	16QAM	25	0	19.77	19.80	19.76		
5	64QAM	1	0	19.91	19.95	19.90	21.3	2
5	64QAM	1	12	19.84	19.85	19.81		
5	64QAM	1	24	19.81	19.90	19.79		
5	64QAM	12	0	18.80	18.76	18.71	20.3	3
5	64QAM	12	7	18.68	18.64	18.63		
5	64QAM	12	13	18.70	18.67	18.68		
5	64QAM	25	0	18.69	18.72	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.96	22.00	21.88	23.3	0
3	QPSK	1	8	21.94	21.89	21.84		
3	QPSK	1	14	21.89	21.85	21.83		
3	QPSK	8	0

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.96	22.11	22.05	22.8	0
20	QPSK	1	49	21.89	21.97	21.90		
20	QPSK	1	99	21.88	22.05	21.98		
20	QPSK	50	0	21.98	22.07	21.95	22.8	0
20	QPSK	50	24	21.96	22.06	21.93		
20	QPSK	50	50	21.90	21.93	21.91		
20	QPSK	100	0	21.93	22.00	21.93		
20	16QAM	1	0	21.89	22.00	21.98	22.8	0
20	16QAM	1	49	21.90	21.95	21.94		
20	16QAM	1	99	21.96	21.98	22.01		
20	16QAM	50	0	21.68	21.81	22.00	22.8	0
20	16QAM	50	24	21.70	21.88	22.00		
20	16QAM	50	50	21.76	21.92	22.04		
20	16QAM	100	0	21.72	21.87	22.04		
20	64QAM	1	0	21.83	21.88	22.08	22.8	0
20	64QAM	1	49	21.76	22.05	22.07		
20	64QAM	1	99	21.78	22.07	22.06		
20	64QAM	50	0	20.68	20.78	21.07	21.8	1
20	64QAM	50	24	20.71	20.86	21.08		
20	64QAM	50	50	20.77	20.92	21.04		
20	64QAM	100	0	20.73	20.87	21.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.93	21.96	21.91	22.8	0
15	QPSK	1	37	21.98	21.94	21.94		
15	QPSK	1	74	21.86	22.04	21.93		
15	QPSK	36	0	21.85	22.02	21.88	22.8	0
15	QPSK	36	20	21.96	22.06	21.95		
15	QPSK	36	39	21.85	22.01	21.95		
15	QPSK	75	0	21.89	22.03	21.89		
15	16QAM	1	0	21.87	21.98	21.89	22.8	0
15	16QAM	1	37	21.98	22.05	21.89		
15	16QAM	1	74	21.89	21.99	22.00		
15	16QAM	36	0	21.60	21.65	22.02	22.8	0
15	16QAM	36	20	21.63	21.78	22.02		
15	16QAM	36	39	21.73	21.82	21.95		
15	16QAM	75	0	21.69	21.72	21.92		
15	64QAM	1	0	21.72	21.78	21.94	22.8	0
15	64QAM	1	37	21.63	21.90	22.01		
15	64QAM	1	74	21.68	21.98	22.01		
15	64QAM	36	0	20.53	20.63	20.91	21.8	1
15	64QAM	36	20	20.61	20.74	20.94		
15	64QAM	36	39	20.71	20.85	20.89		
15	64QAM	75	0	20.59	20.77	20.90		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.95	21.96	22.01	22.8	0
10	QPSK	1	25	21.95	22.03	22.00		
10	QPSK	1	49	21.93	21.95	21.88		
10	QPSK	25	0	21.89	21.97	21.93	22.8	0
10	QPSK	25	12	21.92	22.03	21.94		
10	QPSK	25	25	21.90	22.05	22.01		
10	QPSK	50	0	21.90	21.95	21.98		
10	16QAM	1	0	21.97	22.03	21.91	22.8	0
10	16QAM	1	25	21.92	22.04	21.88		
10	16QAM	1	49	21.92	22.03	21.90		
10	16QAM	25	0	21.63	21.74	21.96	22.8	0
10	16QAM	25	12	21.68	21.76	22.01		
10	16QAM	25	25	21.70	21.80	21.94		
10	16QAM	50	0	21.70	21.72	21.97		
10	64QAM	1	0	21.78	21.79	21.92	22.8	0
10	64QAM	1	25	21.70	22.00	22.08		
10	64QAM	1	49	21.68	21.92	21.93		
10	64QAM	25	0	20.61	20.66	21.02	21.8	1
10	64QAM	25	12	20.55	20.73	20.92		
10	64QAM	25	25	20.61	20.78	20.90		
10	64QAM	50	0	20.66	20.72	20.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.87	22.05	21.97	22.8	0
5	QPSK	1	12	21.89	22.03	22.00		
5	QPSK	1	24	21.88	22.05	21.92		
5	QPSK	12	0	21.85	22.06	21.99	22.8	0
5	QPSK	12	7	21.87	21.95	21.96		
5	QPSK	12	13	21.90	21.98	21.98		
5	QPSK	25	0	21.96	22.02	22.00		
5	16QAM	1	0	21.93	22.06	22.00	22.8	0
5	16QAM	1	12	21.88	21.95	21.92		
5	16QAM	1	24	21.97	21.94	21.92		
5	16QAM	12	0	21.63	21.66	21.96	22.8	0
5	16QAM	12	7	21.63	21.82	21.98		
5	16QAM	12	13	21.69	21.76	21.95		
5	16QAM	25	0	21.69	21.82	21.99		
5	64QAM	1	0	21.74	21.81	21.93	22.8	0
5	64QAM	1	12	21.69	21.96	22.03		
5	64QAM	1	24	21.72	21.92	21.90		
5	64QAM	12	0	20.58	20.64	20.98	21.8	1
5	64QAM	12	7	20.55	20.75	20.93		
5	64QAM	12	13	20.65	20.80	20.96		
5	64QAM	25	0	20.64	20.76	21.00		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.85	22.05	21.92	22.8	0
3	QPSK	1	8	21.90	21.97	21.88		
3	QPSK	1	14	21.96	21.94	21.92		
3	QPSK	8	0	21.93	21.93	21.98	22.8	0
3	QPSK	8	4	21.89	21.95	21.92		
3	QPSK	8	7	21.86	21.97	21.93		
3	QPSK	15	0	21.88	22.06	21.88		
3	16QAM	1	0	21.90	21.99	21.88	22.8	0
3	16QAM	1	8	21.89	22.00	21.98		
3	16QAM	1	14	21.94	21.93	21.92		
3	16QAM	8	0	21.62	21.76	21.96	22.8	0
3	16QAM	8	4	21.68	21.72	21.99		
3	16QAM	8	7	21.71	21.86	21.89		
3	16QAM	15	0	21.68	21.78	21.92		
3	64QAM	1	0	21.76	21.76	21.98	22.8	0
3	64QAM	1	8	21.66	21.96	22.06		
3	64QAM	1	14	21.68	22.02	21.94		
3	64QAM	8	0	20.53	20.64	21.02	21.8	1
3	64QAM	8	4	20.58	20.77	20.95		
3	64QAM	8	7	20.71	20.86	20.90		
3	64QAM	15	0	20.66	20.77	21.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.88	21.97	22.00	22.8	0
1.4	QPSK	1	3	21.87	22.00	21.97		
1.4	QPSK	1	5	21.85	21.97	21.88		
1.4	QPSK	3	0	21.91	21.96	21.95		
1.4	QPSK	3	1	21.89	21.98	21.90		
1.4	QPSK	3	3	21.98	22.03	22.01		
1.4	QPSK	6	0	21.92	21.95	21.96	22.8	0
1.4	16QAM	1	0	21.88	21.94	21.95	22.8	0
1.4	16QAM	1	3	21.94	22.05	21.97		
1.4	16QAM	1	5	21.91	22.02	21.97		
1.4	16QAM	3	0	21.91	21.99	21.98		
1.4	16QAM	3	1	21.85	22.06	22.01		
1.4	16QAM	3	3	21.90	22.02	21.99		
1.4	16QAM	6	0	21.63	21.71	22.00	22.8	0
1.4	64QAM	1	0	21.62	21.80	22.00	22.8	0
1.4	64QAM	1	3	21.74	21.82	21.89		
1.4	64QAM	1	5	21.68	21.72	21.88		
1.4	64QAM	3	0	21.78	21.78	22.00		
1.4	64QAM	3	1	21.62	21.90	22.05		
1.4	64QAM	3	3	21.70	21.91	22.00		
1.4	64QAM	6	0	20.54	20.65	20.95	21.8	1

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.55	21.80	21.63	22.3	0
20	QPSK	1	49	21.51	21.64	21.59		
20	QPSK	1	99	21.54	21.69	21.60		
20	QPSK	50	0	21.56	21.76	21.69	22.3	0
20	QPSK	50	24	21.50	21.68	21.65		
20	QPSK	50	50	21.52	21.70	21.65		
20	QPSK	100	0	21.50	21.73	21.62		
20	16QAM	1	0	21.58	21.76	21.59	22.3	0
20	16QAM	1	49	21.55	21.77	21.64		
20	16QAM	1	99	21.57	21.76	21.70		
20	16QAM	50	0	21.51	21.75	21.66	22.3	0
20	16QAM	50	24	21.48	21.70	21.61		
20	16QAM	50	50	21.53	21.67	21.65		
20	16QAM	100	0	21.54	21.68	21.71		
20	64QAM	1	0	21.59	21.68	21.58	22.3	0
20	64QAM	1	49	21.50	21.74	21.62		
20	64QAM	1	99	21.53	21.75	21.64		
20	64QAM	50	0	20.90	21.02	21.19	21.8	0.5
20	64QAM	50	24	20.94	21.10	21.19		
20	64QAM	50	50	20.96	21.10	21.17		
20	64QAM	100	0	20.94	21.03	21.18		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.53	21.70	21.62	22.3	0
15	QPSK	1	37	21.58	21.70	21.58		
15	QPSK	1	74	21.59	21.76	21.62		
15	QPSK	36	0	21.54	21.65	21.65	22.3	0
15	QPSK	36	20	21.52	21.76	21.60		
15	QPSK	36	39	21.56	21.76	21.68		
15	QPSK	75	0	21.49	21.70	21.61		
15	16QAM	1	0	21.49	21.65	21.61	22.3	0
15	16QAM	1	37	21.46	21.70	21.63		
15	16QAM	1	74	21.47	21.74	21.68		
15	16QAM	36	0	21.53	21.69	21.65	22.3	0
15	16QAM	36	20	21.50	21.72	21.63		
15	16QAM	36	39	21.50	21.67	21.71		
15	16QAM	75	0	21.48	21.69	21.68		
15	64QAM	1	0	21.54	21.76	21.65	22.3	0
15	64QAM	1	37	21.59	21.73	21.68		
15	64QAM	1	74	21.52	21.72	21.70		
15	64QAM	36	0	20.92	21.07	21.24	21.8	0.5
15	64QAM	36	20	20.97	21.15	21.22		
15	64QAM	36	39	20.95	21.15	21.22		
15	64QAM	75	0	20.92	21.12	21.23		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.46	21.77	21.68	22.3	0
10	QPSK	1	25	21.56	21.64	21.67		
10	QPSK	1	49	21.59	21.70	21.65		
10	QPSK	25	0	21.52	21.73	21.58	22.3	0
10	QPSK	25	12	21.53	21.73	21.68		
10	QPSK	25	25	21.52	21.66	21.63		
10	QPSK	50	0	21.58	21.72	21.59		
10	16QAM	1	0	21.57	21.70	21.60	22.3	0
10	16QAM	1	25	21.56	21.77	21.66		
10	16QAM	1	49	21.56	21.65	21.60		
10	16QAM	25	0	21.57	21.73	21.60	22.3	0
10	16QAM	25	12	21.47	21.70	21.68		
10	16QAM	25	25	21.53	21.69	21.59		
10	16QAM	50	0	21.50	21.68	21.71		
10	64QAM	1	0	21.56	21.70	21.64	22.3	0
10	64QAM	1	25	21.59	21.72	21.69		
10	64QAM	1	49	21.49	21.64	21.59		
10	64QAM	25	0	20.89	21.10	21.24	21.8	0.5
10	64QAM	25	12	20.89	21.11	21.23		
10	64QAM	25	25	20.96	21.16	21.23		
10	64QAM	50	0	20.92	21.15	21.23		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.58	21.72	21.62	22.3	0
5	QPSK	1	12	21.46	21.65	21.65		
5	QPSK	1	24	21.49	21.64	21.58		
5	QPSK	12	0	21.57	21.70	21.68	22.3	0
5	QPSK	12	7	21.51	21.77	21.67		
5	QPSK	12	13	21.52	21.75	21.60		
5	QPSK	25	0	21.47	21.73	21.70		
5	16QAM	1	0	21.46	21.70	21.65	22.3	0
5	16QAM	1	12	21.48	21.64	21.70		
5	16QAM	1	24	21.59	21.68	21.65		
5	16QAM	12	0	21.50	21.70	21.59	22.3	0
5	16QAM	12	7	21.47	21.75	21.59		
5	16QAM	12	13	21.53	21.76	21.60		
5	16QAM	25	0	21.50	21.66	21.69		
5	64QAM	1	0	21.50	21.71	21.71	22.3	0
5	64QAM	1	12	21.55	21.66	21.67		
5	64QAM	1	24	21.46	21.74	21.61		
5	64QAM	12	0	20.85	20.96	21.08	21.8	0.5
5	64QAM	12	7	20.87	20.99	21.16		
5	64QAM	12	13	20.81	21.06	21.10		
5	64QAM	25	0	20.88	20.93	21.15		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.54	21.71	21.67	22.3	0
3	QPSK	1	8	21.50	21.74	21.69		
3	QPSK	1	14	21.52	21.74	21.61		
3	QPSK	8	0	21.52	21.74	21.58	22.3	0
3	QPSK	8	4	21.53	21.70	21.61		
3	QPSK	8	7	21.51	21.68	21.69		
3	QPSK	15	0	21.58	21.68	21.67		
3	16QAM	1	0	21.48	21.64	21.69	22.3	0
3	16QAM	1	8	21.54	21.70	21.64		
3	16QAM	1	14	21.54	21.75	21.58		
3	16QAM	8	0	21.47	21.64	21.60	22.3	0
3	16QAM	8	4	21.55	21.68	21.59		
3	16QAM	8	7	21.54	21.74	21.68		
3	16QAM	15	0	21.58	21.76	21.59		
3	64QAM	1	0	21.59	21.65	21.64	22.3	0
3	64QAM	1	8	21.50	21.73	21.68		
3	64QAM	1	14	21.47	21.72	21.69		
3	64QAM	8	0	20.84	20.99	21.09	21.8	0.5
3	64QAM	8	4	20.86	21.01	21.09		
3	64QAM	8	7	20.95	21.01	21.16		
3	64QAM	15	0	20.81	20.94	21.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.59	21.64	21.67	22.3	0
1.4	QPSK	1	3	21.46	21.66	21.59		
1.4	QPSK	1	5	21.51	21.76	21.71		
1.4	QPSK	3	0	21.56	21.67	21.63		
1.4	QPSK	3	1	21.51	21.65	21.63		
1.4	QPSK	3	3	21.57	21.65	21.60		
1.4	QPSK	6	0	21.50	21.76	21.71	22.3	0
1.4	16QAM	1	0	21.56	21.74	21.70	22.3	0
1.4	16QAM	1	3	21.59	21.64	21.69		
1.4	16QAM	1	5	21.52	21.64	21.65		
1.4	16QAM	3	0	21.53	21.72	21.61		
1.4	16QAM	3	1	21.57	21.71	21.62		
1.4	16QAM	3	3	21.48	21.73	21.59		
1.4	16QAM	6	0	21.48	21.66	21.61	22.3	0
1.4	64QAM	1	0	21.58	21.65	21.69	22.3	0
1.4	64QAM	1	3	21.55	21.72	21.64		
1.4	64QAM	1	5	21.58	21.76	21.59		
1.4	64QAM	3	0	21.51	21.70	21.65		
1.4	64QAM	3	1	21.48	21.66	21.59		
1.4	64QAM	3	3	21.55	21.66	21.61		
1.4	64QAM	6	0	20.87	20.92	21.17	21.8	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.45	23.60	23.55	24.3	0
20	QPSK	1	49	23.30	23.51	23.53		
20	QPSK	1	99	23.35	23.43	23.40		
20	QPSK	50	0	22.50	22.60	22.56	23.3	1
20	QPSK	50	24	22.40	22.50	22.53		
20	QPSK	50	50	22.40	22.52	22.52		
20	QPSK	100	0	22.38	22.55	22.53		
20	16QAM	1	0	22.49	22.69	22.78	23.3	1
20	16QAM	1	49	22.57	22.75	22.75		
20	16QAM	1	99	22.60	22.66	22.68		
20	16QAM	50	0	21.34	21.43	21.56	22.3	2
20	16QAM	50	24	21.37	21.49	21.56		
20	16QAM	50	50	21.36	21.50	21.52		
20	16QAM	100	0	21.36	21.42	21.53		
20	64QAM	1	0	21.48	21.63	21.76	22.3	2
20	64QAM	1	49	21.52	21.75	21.74		
20	64QAM	1	99	21.57	21.62	21.65		
20	64QAM	50	0	20.35	20.43	20.53	21.3	3
20	64QAM	50	24	20.37	20.51	20.57		
20	64QAM	50	50	20.37	20.51	20.53		
20	64QAM	100	0	20.36	20.47	20.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.33	23.47	23.42	24.3	0
15	QPSK	1	37	23.19	23.43	23.48		
15	QPSK	1	74	23.20	23.31	23.33		
15	QPSK	36	0	22.43	22.46	22.46	23.3	1
15	QPSK	36	20	22.33	22.42	22.37		
15	QPSK	36	39	22.34	22.38	22.38		
15	QPSK	75	0	22.33	22.50	22.46		
15	16QAM	1	0	22.33	22.61	22.71	23.3	1
15	16QAM	1	37	22.51	22.61	22.62		
15	16QAM	1	74	22.45	22.57	22.53		
15	16QAM	36	0	21.29	21.31	21.49	22.3	2
15	16QAM	36	20	21.32	21.35	21.49		
15	16QAM	36	39	21.31	21.38	21.41		
15	16QAM	75	0	21.28	21.30	21.45		
15	64QAM	1	0	21.34	21.47	21.70	22.3	2
15	64QAM	1	37	21.38	21.63	21.66		
15	64QAM	1	74	21.45	21.53	21.50		
15	64QAM	36	0	20.24	20.30	20.42	21.3	3
15	64QAM	36	20	20.21	20.36	20.44		
15	64QAM	36	39	20.32	20.37	20.43		
15	64QAM	75	0	20.21	20.39	20.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.30	23.46	23.44	24.3	0
10	QPSK	1	25	23.16	23.44	23.42		
10	QPSK	1	49	23.20	23.31	23.34		
10	QPSK	25	0	22.34	22.54	22.46	23.3	1
10	QPSK	25	12	22.26	22.37	22.42		
10	QPSK	25	25	22.27	22.36	22.37		
10	QPSK	50	0	22.23	22.41	22.44		
10	16QAM	1	0	22.42	22.56	22.65	23.3	1
10	16QAM	1	25	22.52	22.69	22.66		
10	16QAM	1	49	22.48	22.61	22.58		
10	16QAM	25	0	21.32	21.32	21.50	22.3	2
10	16QAM	25	12	21.32	21.40	21.51		
10	16QAM	25	25	21.30	21.35	21.47		
10	16QAM	50	0	21.31	21.30	21.46		
10	64QAM	1	0	21.36	21.48	21.68	22.3	2
10	64QAM	1	25	21.42	21.66	21.61		
10	64QAM	1	49	21.42	21.52	21.59		
10	64QAM	25	0	20.23	20.33	20.45	21.3	3
10	64QAM	25	12	20.26	20.45	20.48		
10	64QAM	25	25	20.28	20.39	20.43		
10	64QAM	50	0	20.31	20.34	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.38	23.46	23.48	24.3	0
5	QPSK	1	12	23.17	23.39	23.38		
5	QPSK	1	24	23.21	23.29	23.28		
5	QPSK	12	0	22.45	22.44	22.47	23.3	1
5	QPSK	12	7	22.26	22.39	22.45		
5	QPSK	12	13	22.24	22.36	22.45		
5	QPSK	25	0	22.25	22.42	22.44		
5	16QAM	1	0	22.41	22.54	22.62	23.3	1
5	16QAM	1	12	22.44	22.65	22.70		
5	16QAM	1	24	22.46	22.54	22.59		
5	16QAM	12	0	21.28	21.29	21.47	22.3	2
5	16QAM	12	7	21.31	21.41	21.47		
5	16QAM	12	13	21.29	21.37	21.47		
5	16QAM	25	0	21.33	21.30	21.41		
5	64QAM	1	0	21.41	21.49	21.62	22.3	2
5	64QAM	1	12	21.46	21.66	21.67		
5	64QAM	1	24	21.49	21.53	21.53		
5	64QAM	12	0	20.29	20.37	20.47	21.3	3
5	64QAM	12	7	20.24	20.42	20.52		
5	64QAM	12	13	20.30	20.39	20.47		
5	64QAM	25	0	20.21	20.35	20.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.37	23.54	23.41	24.3	0
3	QPSK	1	8	23.20	23.44	23.40		
3	QPSK	1	14

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BW [MHz]	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	23.80	23.88	23.84	24.8	0
10	QPSK	1	25	23.74	23.79	23.76		
10	QPSK	1	49	23.74	23.81	23.74		
10	QPSK	25	0	22.78	22.85	22.82	23.8	1
10	QPSK	25	12	22.77	22.78	22.79		
10	QPSK	25	25	22.76	22.78	22.78		
10	QPSK	50	0	22.75	22.78	22.77		
10	16QAM	1	0	22.84	23.00	23.03	23.8	1
10	16QAM	1	25	22.99	23.03	22.96		
10	16QAM	1	49	22.97	23.04	22.96		
10	16QAM	25	0	21.79	21.81	21.85	22.8	2
10	16QAM	25	12	21.83	21.82	21.82		
10	16QAM	25	25	21.84	21.79	21.78		
10	16QAM	50	0	21.80	21.81	21.83		
10	64QAM	1	0	21.82	21.96	22.01	22.8	2
10	64QAM	1	25	21.97	21.98	21.97		
10	64QAM	1	49	22.02	21.94	21.95		
10	64QAM	25	0	20.79	20.80	20.84	21.8	3
10	64QAM	25	12	20.81	20.81	20.82		
10	64QAM	25	25	20.83	20.78	20.77		
10	64QAM	50	0	20.79	20.78	20.81		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.73	23.78	23.72	24.8	0
5	QPSK	1	12	23.62	23.68	23.60		
5	QPSK	1	24	23.63	23.76	23.63		
5	QPSK	12	0	22.68	22.77	22.75	23.8	1
5	QPSK	12	7	22.65	22.66	22.72		
5	QPSK	12	13	22.64	22.65	22.65		
5	QPSK	25	0	22.66	22.67	22.68		
5	16QAM	1	0	22.75	22.95	22.97	23.8	1
5	16QAM	1	12	22.92	22.92	22.82		
5	16QAM	1	24	22.89	22.88	22.85		
5	16QAM	12	0	21.71	21.69	21.74	22.8	2
5	16QAM	12	7	21.81	21.66	21.70		
5	16QAM	12	13	21.79	21.71	21.63		
5	16QAM	25	0	21.73	21.75	21.67		
5	64QAM	1	0	21.67	21.82	21.91	22.8	2
5	64QAM	1	12	21.88	21.91	21.92		
5	64QAM	1	24	21.88	21.81	21.81		
5	64QAM	12	0	20.68	20.71	20.77	21.8	3
5	64QAM	12	7	20.67	20.69	20.68		
5	64QAM	12	13	20.75	20.71	20.64		
5	64QAM	25	0	20.74	20.63	20.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.73	23.73	23.70	24.8	0
3	QPSK	1	8	23.68	23.73	23.63		
3	QPSK	1	14	23.62	23.70	23.62		
3	QPSK	8	0	22.72	22.80	22.72	23.8	1
3	QPSK	8	4	22.67	22.71	22.65		
3	QPSK	8	7	22.61	22.70	22.62		
3	QPSK	15	0	22.69	22.70	22.62		
3	16QAM	1	0	22.71	22.89	22.94	23.8	1
3	16QAM	1	8	22.86	22.88	22.89		
3	16QAM	1	14	22.88	22.90	22.85		
3	16QAM	8	0	21.76	21.75	21.74	22.8	2
3	16QAM	8	4	21.78	21.73	21.75		
3	16QAM	8	7	21.78	21.71	21.67		
3	16QAM	15	0	21.74	21.72	21.68		
3	64QAM	1	0	21.72	21.85	21.91	22.8	2
3	64QAM	1	8	21.83	21.86	21.87		
3	64QAM	1	14	21.97	21.85	21.81		
3	64QAM	8	0	20.69	20.73	20.68	21.8	3
3	64QAM	8	4	20.65	20.68	20.67		
3	64QAM	8	7	20.72	20.72	20.71		
3	64QAM	15	0	20.73	20.72	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.70	23.73	23.76	24.8	0
1.4	QPSK	1	3	23.68	23.63	23.63		
1.4	QPSK	1	5	23.68	23.71	23.65		
1.4	QPSK	3	0	23.69	23.76	23.72		
1.4	QPSK	3	1	23.63	23.68	23.63		
1.4	QPSK	3	3	23.63	23.71	23.69		
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	1
1.4	16QAM	1	0	22.64	22.65	22.71	23.8	1
1.4	16QAM	1	3	22.63	22.66	22.73		
1.4	16QAM	1	5	22.60	22.70	22.70		
1.4	16QAM	3	0	22.79	22.85	22.91		
1.4	16QAM	3	1	22.84	22.90	22.84		
1.4	16QAM	3	3	22.86	22.92	22.85		
1.4	16QAM	6	0	21.71	21.70	21.77	22.8	2
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	2
1.4	64QAM	1	3	21.81	21.66	21.65		
1.4	64QAM	1	5	21.72	21.67	21.69		
1.4	64QAM	3	0	21.66	21.86	21.95		
1.4	64QAM	3	1	21.91	21.84	21.84		
1.4	64QAM	3	3	21.89	21.89	21.88		
1.4	64QAM	6	0	20.63	20.64	20.75	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.83	23.85	23.81	24.8	0
10	QPSK	1	25	23.77	23.71	23.76		
10	QPSK	1	49	23.78	23.76	23.76		
10	QPSK	25	0	22.76	22.78	22.75	23.8	1
10	QPSK	25	12	22.72	22.75	22.73		
10	QPSK	25	25	22.75	22.73	22.74		
10	QPSK	50	0	22.74	22.75	22.74		
10	16QAM	1	0	22.84	23.03	23.01	23.8	1
10	16QAM	1	25	22.94	22.90	22.95		
10	16QAM	1	49	22.97	22.93	22.93		
10	16QAM	25	0	21.71	21.70	21.71	22.8	2
10	16QAM	25	12	21.73	21.69	21.72		
10	16QAM	25	25	21.74	21.68	21.68		
10	16QAM	50	0	21.74	21.71	21.69		
10	64QAM	1	0	21.75	21.94	21.87	22.8	2
10	64QAM	1	25	21.87	21.88	21.85		
10	64QAM	1	49	21.89	21.88	21.92		
10	64QAM	25	0	20.70	20.68	20.70	21.8	3
10	64QAM	25	12	20.73	20.67	20.73		
10	64QAM	25	25	20.74	20.68	20.67		
10	64QAM	50	0	20.73	20.69	20.69		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.77	23.81	23.74	24.8	0
5	QPSK	1	12	23.70	23.65	23.61		
5	QPSK	1	24	23.76	23.67	23.65		
5	QPSK	12	0	22.58	22.58	22.58	23.8	1
5	QPSK	12	7	22.67	22.66	22.69		
5	QPSK	12	13	22.74	22.68	22.64		
5	QPSK	25	0	22.73	22.71	22.71		
5	16QAM	1	0	22.80	22.97	22.99	23.8	1
5	16QAM	1	12	22.88	22.88	22.81		
5	16QAM	1	24	22.91	22.90	22.79		
5	16QAM	12	0	21.69	21.58	21.67	22.8	2
5	16QAM	12	7	21.71	21.63	21.66		
5	16QAM	12	13	21.61	21.59	21.67		
5	16QAM	25	0	21.66	21.68	21.61		
5	64QAM	1	0	21.61	21.92	21.79	22.8	2
5	64QAM	1	12	21.82	21.73	21.76		
5	64QAM	1	24	21.86	21.86	21.85		
5	64QAM	12	0	20.69	20.54	20.66	21.8	3
5	64QAM	12	7	20.59	20.64	20.58		
5	64QAM	12	13	20.64	20.55	20.61		
5	64QAM	25	0	20.69	20.64	20.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.69	23.77	23.69	24.8	0
3	QPSK	1	8	23.66	23.66	23.64		
3	QPSK	1	14	23.73	23.61	23.67		
3	QPSK	8	0	22.59	22.66	22.61	23.8	1
3	QPSK	8	4	22.71	22.65	22.62		
3	QPSK	8	7	22.68	22.58	22.60		
3	QPSK	15	0	22.72	22.73	22.65		
3	16QAM	1	0	22.81	22.94	22.93	23.8	1
3	16QAM	1	8	22.81	22.81	22.81		
3	16QAM	1	14	22.83	22.83	22.83		
3	16QAM	8	0	21.56	21.57	21.56	22.8	2
3	16QAM	8	4	21.58	21.59	21.71		
3	16QAM	8	7	21.73	21.54	21.62		
3	16QAM	15	0	21.66	21.60	21.54		
3	64QAM	1	0	21.69	21.83	21.76	22.8	2
3	64QAM	1	8	21.74	21.80	21.74		
3	64QAM	1	14	21.84	21.79	21.90		
3	64QAM	8	0	20.62	20.61	20.56	21.8	3
3	64QAM	8	4	20.68	20.55	20.64		
3	64QAM	8	7	20.70	20.60	20.52		
3	64QAM	15	0	20.68	20.57	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.73	23.83	23.66	24.8	0
1.4	QPSK	1	3	23.71	23.62	23.65		
1.4	QPSK	1	5	23.76	23.62	23.67		
1.4	QPSK	3	0	23.77	23.72	23.75		
1.4	QPSK	3	1	23.74	23.63	23.74		
1.4	QPSK	3	3	23.70	23.65	23.61		
1.4	QPSK	6	0	22.61	22.67	22.58	23.8	1
1.4	16QAM	1	0	22.64	22.69	22.69	23.8	1
1.4	16QAM	1	3	22.69	22.69	22.69		
1.4	16QAM	1	5	22.70	22.73	22.72		
1.4	16QAM	3	0	22.83	22.95	22.96		
1.4	16QAM	3	1	22.82	22.85	22.91		
1.4	16QAM	3	3	22.86	22.90	22.88		
1.4	16QAM	6	0	21.56	21.68	21.61	22.8	2
1.4	64QAM	1	0	21.70	21.66	21.65	22.8	2
1.4	64QAM	1	3	21.61	21.57	21.65		
1.4	64QAM	1	5	21.68	21.69	21.70		
1.4	64QAM	3	0	21.58	21.60	21.67		
1.4	64QAM	3	1	21.67	21.57	21.65		
1.4	64QAM	3	3	21.67	21.69	21.62		
1.4	64QAM	6	0	20.62	20.66	20.57	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.69	21.90	21.80	22.3	0
20	QPSK	1	49	21.58	21.75	21.72		
20	QPSK	1	99	21.64	21.77	21.70		
20	QPSK	50	0	21.68	21.82	21.80	22.3	0
20	QPSK	50	24	21.67	21.80	21.70		
20	QPSK	50	50	21.60	21.77	21.79		
20	QPSK	100	0	21.59	21.80	21.74		
20	16QAM	1	0	21.66	21.87	21.80	22.3	0
20	16QAM	1	49	21.59	21.81	21.71		
20	16QAM	1	99	21.61	21.82	21.77		
20	16QAM	50	0	21.69	21.81	21.73	22.3	0
20	16QAM	50	24	21.67	21.77	21.81		
20	16QAM	50	50	21.56	21.76	21.69		
20	16QAM	100	0	21.57	21.87	21.73		
20	64QAM	1	0	21.68	21.84	21.69	22.3	0
20	64QAM	1	49	21.68	21.80	21.79		
20	64QAM	1	99	21.59	21.79	21.70		
20	64QAM	50	0	21.22	21.39	21.43	21.8	0.5
20	64QAM	50	24	21.30	21.44	21.49		
20	64QAM	50	50	21.34	21.44	21.54		
20	64QAM	100	0	21.26	21.43	21.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.59	21.65	21.60	22.3	0
15	QPSK	1	37	21.49	21.72	21.71		
15	QPSK	1	74	21.54	21.77	21.59		
15	QPSK	36	0	21.56	21.71	21.58	22.3	0
15	QPSK	36	20	21.53	21.69	21.71		
15	QPSK	36	39	21.50	21.65	21.68		
15	QPSK	75	0	21.58	21.64	21.71		
15	16QAM	1	0	21.58	21.74	21.61	22.3	0
15	16QAM	1	37	21.49	21.68	21.60		
15	16QAM	1	74	21.51	21.69	21.64		
15	16QAM	36	0	21.58	21.64	21.70	22.3	0
15	16QAM	36	20	21.49	21.73	21.68		
15	16QAM	36	39	21.53	21.69	21.58		
15	16QAM	75	0	21.46	21.73	21.60		
15	64QAM	1	0	21.49	21.70	21.67	22.3	0
15	64QAM	1	37	21.51	21.68	21.60		
15	64QAM	1	74	21.51	21.73	21.62		
15	64QAM	36	0	21.08	21.30	21.27	21.8	0.5
15	64QAM	36	20	21.24	21.30	21.43		
15	64QAM	36	39	21.24	21.36	21.40		
15	64QAM	75	0	21.12	21.28	21.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.53	21.65	21.59	22.3	0
10	QPSK	1	25	21.50	21.76	21.69		
10	QPSK	1	49	21.57	21.76	21.62		
10	QPSK	25	0	21.46	21.75	21.60	22.3	0
10	QPSK	25	12	21.57	21.65	21.59		
10	QPSK	25	25	21.46	21.74	21.60		
10	QPSK	50	0	21.48	21.74	21.64		
10	16QAM	1	0	21.47	21.70	21.68	22.3	0
10	16QAM	1	25	21.47	21.67	21.70		
10	16QAM	1	49	21.49	21.73	21.58		
10	16QAM	25	0	21.47	21.77	21.59	22.3	0
10	16QAM	25	12	21.48	21.69	21.59		
10	16QAM	25	25	21.50	21.76	21.71		
10	16QAM	50	0	21.50	21.74	21.60		
10	64QAM	1	0	21.54	21.74	21.68	22.3	0
10	64QAM	1	25	21.50	21.68	21.60		
10	64QAM	1	49	21.51	21.76	21.64		
10	64QAM	25	0	21.13	21.24	21.36	21.8	0.5
10	64QAM	25	12	21.20	21.34	21.36		
10	64QAM	25	25	21.29	21.31	21.45		
10	64QAM	50	0	21.14	21.27	21.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.46	21.74	21.60	22.3	0
5	QPSK	1	12	21.52	21.69	21.71		
5	QPSK	1	24	21.56	21.67	21.71		
5	QPSK	12	0	21.46	21.74	21.61	22.3	0
5	QPSK	12	7	21.51	21.71	21.59		
5	QPSK	12	13	21.56	21.75	21.68		
5	QPSK	25	0	21.50	21.68	21.71		
5	16QAM	1	0	21.49	21.65	21.61	22.3	0
5	16QAM	1	12	21.48	21.69	21.58		
5	16QAM	1	24	21.52	21.73	21.71		
5	16QAM	12	0	21.58	21.75	21.58	22.3	0
5	16QAM	12	7	21.52	21.71	21.60		
5	16QAM	12	13	21.46	21.76	21.59		
5	16QAM	25	0	21.57	21.74	21.65		
5	64QAM	1	0	21.58	21.72	21.71	22.3	0
5	64QAM	1	12	21.52	21.76	21.61		
5	64QAM	1	24	21.56	21.73	21.70		
5	64QAM	12	0	21.54	21.66	21.61	21.8	0.5
5	64QAM	12	7	21.49	21.72	21.67		
5	64QAM	12	13	21.59	21.73	21.71		
5	64QAM	25	0	21.17	21.36	21.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.22	17.29	17.19	17.8	0
20	QPSK	1	49	17.15	17.19	17.08		
20	QPSK	1	99	17.11	17.22	17.17		
20	QPSK	50	0	17.18	17.22	17.18	17.8	0
20	QPSK	50	24	17.17	17.09	17.08		
20	QPSK	50	50	17.16	17.18	17.17		
20	QPSK	100	0	17.10	17.20	17.10		
20	16QAM	1	0	17.07	17.09	17.13	17.8	0
20	16QAM	1	49	17.17	17.21	17.16		
20	16QAM	1	99	17.07	17.19	17.11		
20	16QAM	50	0	17.12	17.17	17.15	17.8	0
20	16QAM	50	24	17.18	17.09	17.11		
20	16QAM	50	50	17.09	17.11	17.17		
20	16QAM	100	0	17.11	17.12	17.13		
20	64QAM	1	0	17.13	17.19	17.13	17.8	0
20	64QAM	1	49	17.20	17.11	17.10		
20	64QAM	1	99	17.08	17.21	17.14		
20	64QAM	50	0	17.18	17.21	17.15	17.8	0
20	64QAM	50	24	17.07	17.19	17.12		
20	64QAM	50	50	17.14	17.12	17.13		
20	64QAM	100	0	17.13	17.21	17.16		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.10	17.20	17.04	17.8	0
15	QPSK	1	37	17.16	17.14	17.13		
15	QPSK	1	74	17.20	17.18	17.14		
15	QPSK	36	0	17.07	17.14	17.16	17.8	0
15	QPSK	36	20	17.10	17.20	17.11		
15	QPSK	36	39	17.07	17.12	17.07		
15	QPSK	75	0	17.13	17.12	17.12		
15	16QAM	1	0	17.12	17.11	17.15	17.8	0
15	16QAM	1	37	17.19	17.17	17.11		
15	16QAM	1	74	17.12	17.10	17.14		
15	16QAM	36	0	17.13	17.21	17.09	17.8	0
15	16QAM	36	20	17.11	17.09	17.08		
15	16QAM	36	39	17.11	17.13	17.11		
15	16QAM	75	0	17.19	17.15	17.14		
15	64QAM	1	0	17.10	17.16	17.08	17.8	0
15	64QAM	1	37	17.09	17.19	17.04		
15	64QAM	1	74	17.13	17.21	17.17		
15	64QAM	36	0	17.19	17.19	17.12	17.8	0
15	64QAM	36	20	17.13	17.18	17.14		
15	64QAM	36	39	17.12	17.22	17.05		
15	64QAM	75	0	17.19	17.20	17.16		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.08	17.20	17.04	17.8	0
10	QPSK	1	25	17.17	17.12	17.13		
10	QPSK	1	49	17.09	17.19	17.08		
10	QPSK	25	0	17.13	17.13	17.07	17.8	0
10	QPSK	25	12	17.07	17.16	17.17		
10	QPSK	25	25	17.11	17.22	17.10		
10	QPSK	50	0	17.11	17.21	17.04		
10	16QAM	1	0	17.16	17.22	17.06	17.8	0
10	16QAM	1	25	17.14	17.13	17.14		
10	16QAM	1	49	17.10	17.09	17.12		
10	16QAM	25	0	17.12	17.20	17.13	17.8	0
10	16QAM	25	12	17.16	17.15	17.12		
10	16QAM	25	25	17.17	17.13	17.08		
10	16QAM	50	0	17.12	17.12	17.12		
10	64QAM	1	0	17.09	17.15	17.05	17.8	0
10	64QAM	1	25	17.20	17.22	17.10		
10	64QAM	1	49	17.07	17.18	17.11		
10	64QAM	25	0	17.18	17.14	17.16	17.8	0
10	64QAM	25	12	17.07	17.09	17.14		
10	64QAM	25	25	17.12	17.12	17.13		
10	64QAM	50	0	17.10	17.19	17.10		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.12	17.21	17.11	17.8	0
5	QPSK	1	12	17.09	17.15	17.09		
5	QPSK	1	24	17.14	17.20	17.14		
5	QPSK	12	0	17.14	17.20	17.13	17.8	0
5	QPSK	12	7	17.17	17.17	17.11		
5	QPSK	12	13	17.17	17.11	17.05		
5	QPSK	25	0	17.09	17.21	17.07		
5	16QAM	1	0	17.16	17.18	17.11	17.8	0
5	16QAM	1	12	17.12	17.22	17.14		
5	16QAM	1	24	17.19	17.16	17.15		
5	16QAM	12	0	17.11	17.10	17.11	17.8	0
5	16QAM	12	7	17.07	17.10	17.12		
5	16QAM	12	13	17.07	17.17	17.05		
5	16QAM	25	0	17.17	17.12	17.06		
5	64QAM	1	0	17.10	17.16	17.05	17.8	0
5	64QAM	1	12	17.17	17.12	17.16		
5	64QAM	1	24	17.09	17.11	17.08		
5	64QAM	12	0	17.16	17.09	17.17	17.8	0
5	64QAM	12	7	17.16	17.19	17.11		
5	64QAM	12	13	17.08	17.15	17.09		
5	64QAM	25	0	17.17	17.16	17.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.47	20.48	20.44	21.6	0
20	QPSK	1	49	20.41	20.34	20.36		
20	QPSK	1	99	20.34	20.27	20.38		
20	QPSK	50	0	20.45	20.47	20.41	21.6	0
20	QPSK	50	24	20.40	20.26	20.36		
20	QPSK	50	50	20.36	20.30	20.40		
20	QPSK	100	0	20.40	20.41	20.40		
20	16QAM	1	0	20.10	19.95	20.06	21.6	0
20	16QAM	1	49	20.09	19.90	20.14		
20	16QAM	1	99	20.10	19.97	20.11		
20	16QAM	50	0	20.11	19.95	20.03	21.6	0
20	16QAM	50	24	20.01	19.94	20.13		
20	16QAM	50	50	20.05	20.01	20.12		
20	16QAM	100	0	20.10	19.90	20.05		
20	64QAM	1	0	20.12	19.96	20.07	21.6	0
20	64QAM	1	49	20.00	19.94	20.11		
20	64QAM	1	99	20.10	19.94	20.06		
20	64QAM	50	0	20.20	20.14	20.24	21.1	0.5
20	64QAM	50	24	20.26	20.16	20.27		
20	64QAM	50	50	20.23	20.20	20.22		
20	64QAM	100	0	20.20	20.19	20.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.02	19.97	20.05	21.6	0
15	QPSK	1	37	20.13	20.03	20.09		
15	QPSK	1	74	20.00	19.90	20.06		
15	QPSK	36	0	20.13	20.03	20.11	21.6	0
15	QPSK	36	20	20.13	19.97	20.05		
15	QPSK	36	39	20.00	20.01	20.11		
15	QPSK	75	0	20.08	19.97	20.09		
15	16QAM	1	0	20.02	19.92	20.14	21.6	0
15	16QAM	1	37	20.03	19.98	20.01		
15	16QAM	1	74	20.02	19.93	20.04		
15	16QAM	36	0	20.11	19.91	20.13	21.6	0
15	16QAM	36	20	20.02	19.96	20.02		
15	16QAM	36	39	20.13	19.90	20.05		
15	16QAM	75	0	20.01	20.01	20.11		
15	64QAM	1	0	20.10	20.01	20.09	21.6	0
15	64QAM	1	37	20.06	19.90	20.13		
15	64QAM	1	74	20.05	20.02	20.09		
15	64QAM	36	0	20.05	20.01	20.08	21.1	0.5
15	64QAM	36	20	20.15	20.05	20.20		
15	64QAM	36	39	20.07	20.12	20.21		
15	64QAM	75	0	20.13	20.05	20.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.03	19.99	20.03	21.6	0
10	QPSK	1	25	20.10	19.93	20.02		
10	QPSK	1	49	20.13	20.00	20.03		
10	QPSK	25	0	20.12	19.91	20.13	21.6	0
10	QPSK	25	12	20.07	20.02	20.07		
10	QPSK	25	25	20.05	19.91	20.08		
10	QPSK	50	0	20.01	19.99	20.08		
10	16QAM	1	0	20.05	19.97	20.08	21.6	0
10	16QAM	1	25	20.13	20.02	20.03		
10	16QAM	1	49	20.06	19.91	20.11		
10	16QAM	25	0	20.02	20.00	20.07	21.6	0
10	16QAM	25	12	20.09	20.03	20.02		
10	16QAM	25	25	20.12	19.98	20.06		
10	16QAM	50	0	20.10	19.93	20.04		
10	64QAM	1	0	20.06	19.93	20.01	21.6	0
10	64QAM	1	25	20.07	20.03	20.08		
10	64QAM	1	49	20.04	19.94	20.07		
10	64QAM	25	0	20.04	20.02	20.18	21.1	0.5
10	64QAM	25	12	20.16	20.09	20.19		
10	64QAM	25	25	20.10	20.05	20.29		
10	64QAM	50	0	20.07	20.05	20.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.11	20.00	20.11	21.6	0
5	QPSK	1	12	20.10	20.01	20.01		
5	QPSK	1	24	20.05	19.96	20.14		
5	QPSK	12	0	20.06	19.90	20.08	21.6	0
5	QPSK	12	7	20.11	19.99	20.12		
5	QPSK	12	13	20.12	19.93	20.02		
5	QPSK	25	0	20.04	19.93	20.05		
5	16QAM	1	0	20.00	19.95	20.08	21.6	0
5	16QAM	1	12	20.06	19.93	20.14		
5	16QAM	1	24	20.05	19.99	20.11		
5	16QAM	12	0	20.05	19.95	20.13	21.6	0
5	16QAM	12	7	20.13	19.94	20.11		
5	16QAM	12	13	20.08	19.97	20.02		
5	16QAM	25	0	20.04	20.03	20.08		
5	64QAM	1	0	20.07	19.90	20.08	21.6	0
5	64QAM	1	12	20.02	19.97	20.01		
5	64QAM	1	24	20.07	19.93	20.03		
5	64QAM	12	0	20.08	19.91	20.09	21.1	0.5
5	64QAM	12	7	20.04	19.94	20.07		
5	64QAM	12	13	20.09	19.91	20.04		
5	64QAM	25	0	20.07	20.12	20.23		

Band 12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.85	23.90	23.86	24.8	0
10	QPSK	1	25	23.73	23.80	23.78		
10	QPSK	1	49	23.80	23.84	23.85		
10	QPSK	25	0	22.87	22.90	22.89	23.8	1
10	QPSK	25	12	22.83	22.83	22.84		
10	QPSK	25	25	22.85	22.84	22.87		
10	QPSK	50	0	22.80	22.84	22.83		
10	16QAM	1	0	23.02	22.97	23.07	23.8	1
10	16QAM	1	25	23.03	23.10	23.06		
10	16QAM	1	49	23.17	23.12	23.07		
10	16QAM	25	0	21.72	21.78	21.79	22.8	2
10	16QAM	25	12	21.80	21.80	21.82		
10	16QAM	25	25	21.83	21.81	21.84		
10	16QAM	50	0	21.79	21.83	21.82		
10	64QAM	1	0	21.89	21.89	21.98	22.8	2
10	64QAM	1	25	21.89	22.00	21.97		
10	64QAM	1	49	22.03	22.04	22.00		
10	64QAM	25	0	20.70	20.78	20.77	21.8	3
10	64QAM	25	12	20.79	20.80	20.80		
10	64QAM	25	25	20.82	20.82	20.84		
10	64QAM	50	0	20.78	20.79	20.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.73	23.79	23.81	24.8	0
5	QPSK	1	12	23.65	23.71	23.72		
5	QPSK	1	24	23.73	23.77	23.73		
5	QPSK	12	0	22.82	22.74	22.76	23.8	1
5	QPSK	12	7	22.74	22.77	22.78		
5	QPSK	12	13	22.78	22.77	22.74		
5	QPSK	25	0	22.65	22.72	22.77		
5	16QAM	1	0	22.96	22.82	22.96	23.8	1
5	16QAM	1	12	22.91	22.94	23.00		
5	16QAM	1	24	23.06	22.99	22.94		
5	16QAM	12	0	21.70	21.69	21.71	22.8	2
5	16QAM	12	7	21.75	21.67	21.76		
5	16QAM	12	13	21.75	21.75	21.76		
5	16QAM	25	0	21.77	21.71	21.74		
5	64QAM	1	0	21.84	21.84	21.91	22.8	2
5	64QAM	1	12	21.80	21.91	21.82		
5	64QAM	1	24	21.87	21.96	21.92		
5	64QAM	12	0	20.64	20.67	20.68	21.8	3
5	64QAM	12	7	20.64	20.71	20.69		
5	64QAM	12	13	20.73	20.68	20.79		
5	64QAM	25	0	20.69	20.64	20.76		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.77	23.81	23.76	24.8	0
3	QPSK	1	8	23.61	23.72	23.71		
3	QPSK	1	14	23.69	23.70	23.74		
3	QPSK	8	0	22.74	22.74	22.77	23.8	1
3	QPSK	8	4	22.71	22.72	22.77		
3	QPSK	8	7	22.73	22.76	22.72		
3	QPSK	15	0	22.67	22.78	22.67		
3	16QAM	1	0	22.90	22.89	22.92	23.8	1
3	16QAM	1	8	22.95	23.03	23.01		
3	16QAM	1	14	23.06	23.00	23.01		
3	16QAM	8	0	21.66	21.69	21.64	22.8	2
3	16QAM	8	4	21.72	21.68	21.74		
3	16QAM	8	7	21.76	21.68	21.73		
3	16QAM	15	0	21.73	21.69	21.75		
3	64QAM	1	0	21.74	21.76	21.86	22.8	2
3	64QAM	1	8	21.78	21.87	21.90		
3	64QAM	1	14	21.90	21.89	21.89		
3	64QAM	8	0	20.61	20.62	20.62	21.8	3
3	64QAM	8	4	20.64	20.71	20.72		
3	64QAM	8	7	20.72	20.72	20.70		
3	64QAM	15	0	20.71	20.65	20.77		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.78	23.76	23.79	24.8	0
1.4	QPSK	1	3	23.65	23.73	23.65		
1.4	QPSK	1	5	23.75	23.74	23.79		
1.4	QPSK	3	0	23.77	23.83	23.81		
1.4	QPSK	3	1	23.64	23.71	23.72		
1.4	QPSK	3	3	23.69	23.69	23.69		
1.4	QPSK	6	0	22.72	22.81	22.75	23.8	1
1.4	16QAM	1	0	22.76	22.77	22.69	23.8	1
1.4	16QAM	1	3	22.74	22.77	22.75		
1.4	16QAM	1	5	22.72	22.72	22.67		
1.4	16QAM	3	0	22.86	22.82	23.01		
1.4	16QAM	3	1	22.96	23.02	22.97		
1.4	16QAM	3	3	23.12	22.98	22.98		
1.4	16QAM	6	0	21.68	21.62	21.63	22.8	2
1.4	64QAM	1	0	21.73	21.69	21.67	22.8	2
1.4	64QAM	1	3	21.81	21.66	21.78		
1.4	64QAM	1	5	21.73	21.76	21.75		
1.4	64QAM	3	0	21.74	21.80	21.89		
1.4	64QAM	3	1	21.79	21.90	21.87		
1.4	64QAM	3	3	21.94	21.91	21.84		
1.4	64QAM	6	0	20.59	20.64	20.62	21.8	3

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.04	24.06	24.02	24.8	0
10	QPSK	1	25	23.91	23.97	23.89		
10	QPSK	1	49	24.03	23.98	23.95		
10	QPSK	25	0	22.97	22.99	22.95	23.8	1
10	QPSK	25	12	22.96	22.95	22.93		
10	QPSK	25	25	22.95	22.96	22.93		
10	QPSK	50	0	22.96	22.97	22.94		
10	16QAM	1	0	23.17	23.13	23.22	23.8	1
10	16QAM	1	25	23.12	23.22	23.16		
10	16QAM	1	49	23.32	23.24	23.18		
10	16QAM	25	0	21.88	21.92	21.89	22.8	2
10	16QAM	25	12	21.96	21.95	21.91		
10	16QAM	25	25	21.98	21.94	21.93		
10	16QAM	50	0	21.92	21.95	21.94		
10	64QAM	1	0	21.99	22.04	22.09	22.8	2
10	64QAM	1	25	22.05	22.07	22.07		
10	64QAM	1	49	22.13	22.16	22.12		
10	64QAM	25	0	20.87	20.91	20.90	21.8	3
10	64QAM	25	12	20.94	20.93	20.89		
10	64QAM	25	25	20.96	20.92	20.91		
10	64QAM	50	0	20.93	20.93	20.93		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.95	23.93	23.88	24.8	0
5	QPSK	1	12	23.80	23.89	23.87		
5	QPSK	1	24	23.90	23.84	23.94		
5	QPSK	12	0	22.94	22.92	22.81	23.8	1
5	QPSK	12	7	22.94	22.85	22.90		
5	QPSK	12	13	22.88	22.94	22.84		
5	QPSK	25	0	22.90	22.90	22.87		
5	16QAM	1	0	23.02	23.12	23.20	23.8	1
5	16QAM	1	12	22.98	23.16	23.12		
5	16QAM	1	24	23.29	23.20	23.06		
5	16QAM	12	0	21.78	21.82	21.88	22.8	2
5	16QAM	12	7	21.94	21.93	21.86		
5	16QAM	12	13	21.90	21.91	21.91		
5	16QAM	25	0	21.91	21.81	21.87		
5	64QAM	1	0	21.97	21.91	22.06	22.8	2
5	64QAM	1	12	21.93	22.03	22.01		
5	64QAM	1	24	22.01	22.09	22.07		
5	64QAM	12	0	20.72	20.77	20.85	21.8	3
5	64QAM	12	7	20.85	20.82	20.78		
5	64QAM	12	13	20.94	20.84	20.89		
5	64QAM	25	0	20.88	20.79	20.86		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.95	24.02	23.93	24.8	0
3	QPSK	1	8	23.86	23.90	23.74		
3	QPSK	1	14	23.92	23.94	23.85		
3	QPSK	8	0	22.95	22.88	22.91	23.8	1
3	QPSK	8	4	22.83	22.91	22.87		
3	QPSK	8	7	22.81	22.84	22.91		
3	QPSK	15	0	22.87	22.91	22.89		
3	16QAM	1	0	23.04	23.12	23.09	23.8	1
3	16QAM	1	8	23.11	23.15	23.11		
3	16QAM	1	14	23.26	23.15	23.13		
3	16QAM	8	0	21.77	21.85	21.86	22.8	2
3	16QAM	8	4	21.85	21.87	21.90		
3	16QAM	8	7	21.91	21.93	21.83		
3	16QAM	15	0	21.78	21.90	21.88		
3	64QAM	1	0	21.93	21.97	22.02	22.8	2
3	64QAM	1	8	21.90	21.93	21.94		
3	64QAM	1	14	21.98	22.03	22.10		
3	64QAM	8	0	20.86	20.86	20.79	21.8	3
3	64QAM	8	4	20.79	20.92	20.82		
3	64QAM	8	7	20.89	20.79	20.90		
3	64QAM	15	0	20.92	20.92	20.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.95	23.97	23.97	24.8	0
1.4	QPSK	1	3	23.84	23.96	23.75		
1.4	QPSK	1	5	23.88	23.93	23.89		
1.4	QPSK	3	0	24.00	24.01	23.97		
1.4	QPSK	3	1	23.81	23.85	23.81		
1.4	QPSK	3	3	24.00	23.85	23.84		
1.4	QPSK	6	0	22.86	22.97	22.91	23.8	1
1.4	16QAM	1	0	22.93	22.88	22.85	23.8	1
1.4	16QAM	1	3	22.89	22.91	22.86		
1.4	16QAM	1	5	22.89	22.95	22.83		
1.4	16QAM	3	0	23.06	23.08	23.19		
1.4	16QAM	3	1	23.01	23.10	23.04		
1.4	16QAM	3	3	23.30	23.20	23.04		
1.4	16QAM	6	0	21.79	21.77	21.88	22.8	2
1.4	64QAM	1	0	21.79	21.84	21.85	22.8	2
1.4	64QAM	1	3	21.82	21.84	21.84		
1.4	64QAM	1	5	21.83	21.77	21.80		
1.4	64QAM	3	0	21.78	21.77	21.87		
1.4	64QAM	3	1	21.75	21.88	21.86		
1.4	64QAM	3	3	21.75	21.86	21.74		
1.4	64QAM	6	0	20.82	20.81	20.80	21.8	3

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.98		24.8	0
10	QPSK	1	25		23.94			
10	QPSK	1	49		23.90			
10	QPSK	25	0		22.97		23.8	1
10	QPSK	25	12		22.89			
10	QPSK	25	25		22.92			
10	QPSK	50	0		22.90			
10	16QAM	1	0		23.10		23.8	1
10	16QAM	1	25		23.15			
10	16QAM	1	49		23.13			
10	16QAM	25	0		21.93		22.8	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.96			
10	16QAM	50	0		21.94			
10	64QAM	1	0		22.07		22.8	2
10	64QAM	1	25		22.07			
10	64QAM	1	49		22.12			
10	64QAM	25	0		20.91		21.8	3
10	64QAM	25	12		20.90			
10	64QAM	25	25		20.94			
10	64QAM	50	0		20.93			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.83	23.89	23.89	24.8	0
5	QPSK	1	12	23.86	23.84	23.89		
5	QPSK	1	24	23.80	23.74	23.85		
5	QPSK	12	0	22.88	22.83	22.83	23.8	1
5	QPSK	12	7	22.77	22.77	22.76		
5	QPSK	12	13	22.87	22.79	22.83		
5	QPSK	25	0	22.81	22.80	22.82		
5	16QAM	1	0	22.96	23.01	23.01	23.8	1
5	16QAM	1	12	23.08	23.03	23.04		
5	16QAM	1	24	23.05	23.07	23.08		
5	16QAM	12	0	21.90	21.77	21.84	22.8	2
5	16QAM	12	7	21.83	21.79	21.82		
5	16QAM	12	13	21.92	21.81	21.87		
5	16QAM	25	0	21.89	21.85	21.88		
5	64QAM	1	0	22.02	22.00	22.00	22.8	2
5	64QAM	1	12	22.02	21.98	21.96		
5	64QAM	1	24	22.02	21.99	21.97		
5	64QAM	12	0	20.80	20.84	20.76	21.8	3
5	64QAM	12	7	20.85	20.74	20.81		
5	64QAM	12	13	20.78	20.84	20.79		
5	64QAM	25	0	20.88	20.84	20.79		

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.97		24.8	0
10	QPSK	1	25		23.93			
10	QPSK	1	49		23.96			
10	QPSK	25	0		22.91		23.8	1
10	QPSK	25	12		22.90			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.90			
10	16QAM	1	0		23.07		23.8	1
10	16QAM	1	25		23.07			
10	16QAM	1	49		23.13			
10	16QAM	25	0		21.92		22.8	2
10	16QAM	25	12		21.90			
10	16QAM	25	25		21.92			
10	16QAM	50	0		21.90			
10	64QAM	1	0		22.09		22.8	2
10	64QAM	1	25		22.06			
10	64QAM	1	49		22.09			
10	64QAM	25	0		20.90		21.8	3
10	64QAM	25	12		20.88			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.89			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.89	23.85	23.91	24.8	0
5	QPSK	1	12	23.84	23.82	23.78		
5	QPSK	1	24	23.94	23.93	23.91		
5	QPSK	12	0	22.82	22.77	22.81	23.8	1
5	QPSK	12	7	22.76	22.76	22.89		
5	QPSK	12	13	22.81	22.78	22.80		
5	QPSK	25	0	22.89	22.86	22.80		
5	16QAM	1	0	22.94	23.03	22.95	23.8	1
5	16QAM	1	12	23.01	23.05	22.93		
5	16QAM	1	24	23.04	23.10	23.12		
5	16QAM	12	0	21.86	21.85	21.78	22.8	2
5	16QAM	12	7	21.83	21.89	21.84		
5	16QAM	12	13	21.87	21.90	21.79		
5	16QAM	25	0	21.84	21.87	21.78		
5	64QAM	1	0	22.05	22.02	22.04	22.8	2
5	64QAM	1	12	22.01	22.02	21.97		
5	64QAM	1	24	21.99	22.06	22.02		
5	64QAM	12	0	20.88	20.82	20.79	21.8	3
5	64QAM	12	7	20.85	20.79	20.73		
5	64QAM	12	13	20.83	20.83	20.81		
5	64QAM	25	0	20.78	20.86	20.77		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.83	23.85	23.82	24.8	0
10	QPSK	1	25	23.68	23.78	23.76		
10	QPSK	1	49	23.82	23.81	23.81		
10	QPSK	25	0	22.83	22.85	22.82	23.8	1
10	QPSK	25	12	22.75	22.76	22.77		
10	QPSK	25	25	22.80	22.81	22.81		
10	QPSK	50	0	22.79	22.82	22.76		
10	16QAM	1	0	22.93	23.01	22.94	23.8	1
10	16QAM	1	25	23.06	23.03	23.01		
10	16QAM	1	49	23.07	23.02	22.99		
10	16QAM	25	0	21.73	21.73	21.71	22.8	2
10	16QAM	25	12	21.72	21.74	21.73		
10	16QAM	25	25	21.79	21.79	21.78		
10	16QAM	50	0	21.79	21.77	21.74		
10	64QAM	1	0	21.84	21.93	21.83	22.8	2
10	64QAM	1	25	21.96	21.96	21.93		
10	64QAM	1	49	21.98	21.97	21.93		
10	64QAM	25	0	20.72	20.70	20.69	21.8	3
10	64QAM	25	12	20.71	20.74	20.73		
10	64QAM	25	25	20.77	20.80	20.75		
10	64QAM	50	0	20.75	20.75	20.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.76	23.72	24.8	0
5	QPSK	1	12	23.59	23.64	23.63		
5	QPSK	1	24	23.76	23.72	23.70		
5	QPSK	12	0	22.69	22.71	22.71	23.8	1
5	QPSK	12	7	22.65	22.64	22.65		
5	QPSK	12	13	22.65	22.76	22.74		
5	QPSK	25	0	22.63	22.74	22.69		
5	16QAM	1	0	22.82	22.87	22.85	23.8	1
5	16QAM	1	12	22.97	22.98	22.91		
5	16QAM	1	24	22.93	22.88	22.83		
5	16QAM	12	0	21.70	21.57	21.55	22.8	2
5	16QAM	12	7	21.65	21.66	21.68		
5	16QAM	12	13	21.71	21.74	21.68		
5	16QAM	25	0	21.75	21.63	21.58		
5	64QAM	1	0	21.74	21.84	21.78	22.8	2
5	64QAM	1	12	21.89	21.81	21.87		
5	64QAM	1	24	21.87	21.86	21.85		
5	64QAM	12	0	20.57	20.59	20.54	21.8	3
5	64QAM	12	7	20.55	20.67	20.64		
5	64QAM	12	13	20.70	20.66	20.63		
5	64QAM	25	0	20.63	20.67	20.63		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.97	23.98	23.95	24.8	0
10	QPSK	1	25	23.75	23.81	23.72		
10	QPSK	1	49	23.91	23.89	23.85		
10	QPSK	25	0	22.95	22.97	22.93	23.8	1
10	QPSK	25	12	22.85	22.82	22.81		
10	QPSK	25	25	22.87	22.83	22.81		
10	QPSK	50	0	22.86	22.93	22.80		
10	16QAM	1	0	23.03	23.18	23.14	23.8	1
10	16QAM	1	25	23.09	23.10	23.08		
10	16QAM	1	49	23.07	23.10	23.08		
10	16QAM	25	0	21.84	21.81	21.80	22.8	2
10	16QAM	25	12	21.82	21.80	21.79		
10	16QAM	25	25	21.83	21.81	21.78		
10	16QAM	50	0	21.86	21.81	21.78		
10	64QAM	1	0	21.96	21.99	22.02	22.8	2
10	64QAM	1	25	22.00	21.92	21.96		
10	64QAM	1	49	22.05	22.02	22.02		
10	64QAM	25	0	20.82	20.80	20.79	21.8	3
10	64QAM	25	12	20.83	20.80	20.79		
10	64QAM	25	25	20.83	20.79	20.77		
10	64QAM	50	0	20.82	20.80	20.78		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.82	23.89	23.86	24.8	0
5	QPSK	1	12	23.71	23.67	23.71		
5	QPSK	1	24	23.81	23.78	23.76		
5	QPSK	12	0	22.83	22.84	22.81	23.8	1
5	QPSK	12	7	22.71	22.69	22.73		
5	QPSK	12	13	22.72	22.68	22.70		
5	QPSK	25	0	22.71	22.81	22.65		
5	16QAM	1	0	23.02	23.08	23.05	23.8	1
5	16QAM	1	12	23.06	22.99	22.97		
5	16QAM	1	24	23.04	23.00	23.05		
5	16QAM	12	0	21.72	21.68	21.69	22.8	2
5	16QAM	12	7	21.79	21.70	21.70		
5	16QAM	12	13	21.68	21.79	21.71		
5	16QAM	25	0	21.85	21.66	21.69		
5	64QAM	1	0	21.95	21.91	21.97	22.8	2
5	64QAM	1	12	21.87	21.87	21.95		
5	64QAM	1	24	22.01	22.00	21.99		
5	64QAM	12	0	20.79	20.71	20.76	21.8	3
5	64QAM	12	7	20.74	20.77	20.76		
5	64QAM	12	13	20.69	20.64	20.67		
5	64QAM	25	0	20.68	20.65	20.76		

Band 26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.00	24.03	23.98	24.8	0
15	QPSK	1	37	23.98	23.95	23.95		
15	QPSK	1	74	23.94	23.88	23.90		
15	QPSK	36	0	22.92	22.95	22.90	23.8	1
15	QPSK	36	20	22.85	22.82	22.85		
15	QPSK	36	39	22.90	22.85	22.86		
15	QPSK	75	0	22.92	22.93	22.90		
15	16QAM	1	0	23.17	23.18	23.15	23.8	1
15	16QAM	1	37	23.19	23.19	23.17		
15	16QAM	1	74	23.21	23.11	23.13		
15	16QAM	36	0	21.93	21.95	21.91	22.8	2
15	16QAM	36	20	21.93	21.92	21.92		
15	16QAM	36	39	21.95	21.90	21.89		
15	16QAM	75	0	21.95	21.95	21.94		
15	64QAM	1	0	22.06	22.09	22.06	22.8	2
15	64QAM	1	37	22.02	22.06	22.06		
15	64QAM	1	74	22.11	22.01	22.03		
15	64QAM	36	0	20.95	20.96	20.93	21.8	3
15	64QAM	36	20	20.94	20.92	20.94		
15	64QAM	36	39	20.96	20.91	20.89		
15	64QAM	75	0	20.93	20.93	20.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.94	23.98	23.82	24.8	0
10	QPSK	1	25	23.93	23.82	23.87		
10	QPSK	1	49	23.88	23.75	23.83		
10	QPSK	25	0	22.85	22.81	22.85	23.8	1
10	QPSK	25	12	22.70	22.75	22.78		
10	QPSK	25	25	22.79	22.74	22.80		
10	QPSK	50	0	22.87	22.83	22.77		
10	16QAM	1	0	23.09	23.08	23.08	23.8	1
10	16QAM	1	25	23.10	23.08	23.01		
10	16QAM	1	49	23.11	22.99	23.05		
10	16QAM	25	0	21.88	21.81	21.81	22.8	2
10	16QAM	25	12	21.86	21.87	21.80		
10	16QAM	25	25	21.93	21.79	21.80		
10	16QAM	50	0	21.92	21.89	21.87		
10	64QAM	1	0	21.97	21.99	21.95	22.8	2
10	64QAM	1	25	21.92	21.99	21.95		
10	64QAM	1	49	21.95	21.94	21.95		
10	64QAM	25	0	20.80	20.89	20.81	21.8	3
10	64QAM	25	12	20.80	20.77	20.87		
10	64QAM	25	25	20.86	20.79	20.76		
10	64QAM	50	0	20.81	20.87	20.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.92	23.87	23.89	24.8	0
5	QPSK	1	12	23.90	23.89	23.82		
5	QPSK	1	24	23.85	23.81	23.82		
5	QPSK	12	0	22.78	22.81	22.82	23.8	1
5	QPSK	12	7	22.70	22.68	22.70		
5	QPSK	12	13	22.83	22.80	22.70		
5	QPSK	25	0	22.86	22.77	22.83		
5	16QAM	1	0	23.12	23.11	23.00	23.8	1
5	16QAM	1	12	23.03	23.11	23.05		
5	16QAM	1	24	23.06	22.97	23.01		
5	16QAM	12	0	21.85	21.83	21.76	22.8	2
5	16QAM	12	7	21.91	21.87	21.80		
5	16QAM	12	13	21.90	21.83	21.79		
5	16QAM	25	0	21.93	21.84	21.84		
5	64QAM	1	0	21.99	21.98	21.91	22.8	2
5	64QAM	1	12	21.96	21.98	21.93		
5	64QAM	1	24	21.95	21.94	21.96		
5	64QAM	12	0	20.89	20.80	20.80	21.8	3
5	64QAM	12	7	20.84	20.76	20.82		
5	64QAM	12	13	20.82	20.82	20.84		
5	64QAM	25	0	20.79	20.81	20.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.84	23.88	23.84	24.8	0
3	QPSK	1	8	23.92	23.82	23.81		
3	QPSK	1	14	23.89	23.72	23.83		
3	QPSK	8	0	22.80	22.88	22.77	23.8	1
3	QPSK	8	4	22.71	22.66	22.75		
3	QPSK	8	7	22.82	22.73	22.80		
3	QPSK	15	0	22.80	22.78	22.74		
3	16QAM	1	0	23.07	23.07	23.04	23.8	1
3	16QAM	1	8	23.11	23.04	23.06		
3	16QAM	1	14	23.05	22.96	23.06		
3	16QAM	8	0	21.87	21.85	21.83	22.8	2
3	16QAM	8	4	21.89	21.83	21.85		
3	16QAM	8	7	21.90	21.77	21.77		
3	16QAM	15	0	21.93	21.81	21.88		
3	64QAM	1	0	21.92	21.99	22.00	22.8	2
3	64QAM	1	8	21.86	21.94	21.98		
3	64QAM	1	14	22.02	21.89	21.98		
3	64QAM	8	0	20.90	20.87	20.78	21.8	3
3	64QAM	8	4	20.87	20.85	20.83		
3	64QAM	8	7	20.87	20.78	20.82		
3	64QAM	15	0	20.79	20.82	20.82		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.86	23.98	23.83	24.8	0
1.4	QPSK	1	3	23.90	23.88	23.87		
1.4	QPSK	1	5	23.82	23.77	23.85		
1.4	QPSK	3	0	23.85	23.87	23.89		
1.4	QPSK	3	1	23.91	23.90	23.89		
1.4	QPSK	3	3	23.83	23.83	23.83		
1.4	QPSK	6	0	22.77	22.89	22.75	23.8	1
1.4	16QAM	1	0	22.73	22.68	22.72	23.8	1
1.4	16QAM	1	3	22.77	22.77	22.70		
1.4	16QAM	1	5	22.87	22.87	22.84		
1.4	16QAM	3	0	23.11	23.10	23.10		
1.4	16QAM	3	1	23.09	23.05	23.05		
1.4	16QAM	3	3	23.16	23.04	23.04		
1.4	16QAM	6	0	21.85	21.85	21.82	22.8	2
1.4	64QAM	1	0	21.91	21.78	21.84	22.8	2
1.4	64QAM	1	3	21.93	21.75	21.75		
1.4	64QAM	1	5	21.88	21.88	21.87		
1.4	64QAM	3	0	21.98	21.94	21.98		
1.4	64QAM	3	1	21.88	21.98	21.95		
1.4	64QAM	3	3	21.99	21.93	21.87		
1.4	64QAM	6	0	20.89	20.88	20.81	21.8	3

Band 26_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.93	23.95	23.92	24.8	0
15	QPSK	1	37	23.90	23.86	23.87		
15	QPSK	1	74	23.84	23.82	23.76		
15	QPSK	36	0	22.85	22.88	22.83	23.8	1
15	QPSK	36	20	22.81	22.76	22.72		
15	QPSK	36	39	22.80	22.76	22.73		
15	QPSK	75	0	22.80	22.85	22.74		
15	16QAM	1	0	23.07	23.08	23.08	23.8	1
15	16QAM	1	37	23.04	23.11	23.04		
15	16QAM	1	74	23.06	22.97	22.99		
15	16QAM	36	0	21.83	21.80	21.78	22.8	2
15	16QAM	36	20	21.83	21.78	21.76		
15	16QAM	36	39	21.79	21.79	21.76		
15	16QAM	75	0	21.83	21.80	21.79		
15	64QAM	1	0	22.00	21.91	21.97	22.8	2
15	64QAM	1	37	21.96	22.00	21.95		
15	64QAM	1	74	21.96	21.89	21.93		
15	64QAM	36	0	20.83	20.81	20.80	21.8	3
15	64QAM	36	20	20.82	20.79	20.79		
15	64QAM	36	39	20.81	20.81	20.78		
15	64QAM	75	0	20.82	20.79	20.76		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.84	23.94	23.78	24.8	0
10	QPSK	1	25	23.76	23.79	23.86		
10	QPSK	1	49	23.81	23.73	23.62		
10	QPSK	25	0	22.79	22.78	22.71	23.8	1
10	QPSK	25	12	22.78	22.65	22.66		
10	QPSK	25	25	22.68	22.71	22.68		
10	QPSK	50	0	22.66	22.70	22.62		
10	16QAM	1	0	22.97	22.97	22.99	23.8	1
10	16QAM	1	25	22.98	23.04	23.01		
10	16QAM	1	49	23.03	22.95	22.92		
10	16QAM	25	0	21.70	21.77	21.77	22.8	2
10	16QAM	25	12	21.72	21.63	21.64		
10	16QAM	25	25	21.71	21.73	21.65		
10	16QAM	50	0	21.75	21.76	21.66		
10	64QAM	1	0	21.89	21.79	21.82	22.8	2
10	64QAM	1	25	21.88	21.95	21.80		
10	64QAM	1	49	21.86	21.76	21.88		
10	64QAM	25	0	20.71	20.76	20.74	21.8	3
10	64QAM	25	12	20.78	20.64	20.75		
10	64QAM	25	25	20.76	20.80	20.72		
10	64QAM	50	0	20.68	20.70	20.65		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.82	23.83	23.90	24.8	0
5	QPSK	1	12	23.80	23.80	23.75		
5	QPSK	1	24	23.80	23.80	23.73		
5	QPSK	12	0	22.71	22.80	22.77	23.8	1
5	QPSK	12	7	22.74	22.65	22.57		
5	QPSK	12	13	22.79	22.64	22.58		
5	QPSK	25	0	22.74	22.79	22.66		
5	16QAM	1	0	23.04	23.05	23.00	23.8	1
5	16QAM	1	12	22.92	23.06	23.01		
5	16QAM	1	24	22.97	22.90	22.96		
5	16QAM	12	0	21.81	21.68	21.77	22.8	2
5	16QAM	12	7	21.72	21.69	21.72		
5	16QAM	12	13	21.69	21.77	21.75		
5	16QAM	25	0	21.71	21.72	21.70		
5	64QAM	1	0	21.99	21.89	21.82	22.8	2
5	64QAM	1	12	21.95	21.89	21.93		
5	64QAM	1	24	21.91	21.84	21.85		
5	64QAM	12	0	20.73	20.72	20.75	21.8	3
5	64QAM	12	7	20.78	20.74	20.67		
5	64QAM	12	13	20.71	20.78	20.69		
5	64QAM	25	0	20.76	20.67	20.66		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.84	23.84	23.89	24.8	0
3	QPSK	1	8	23.81	23.74	23.81		
3	QPSK	1	14	23.82	23.67	23.69		
3	QPSK	8	0	22.82	22.81	22.80	23.8	1
3	QPSK	8	4	22.74	22.75	22.71		
3	QPSK	8	7	22.67	22.75	22.71		
3	QPSK	15	0	22.73	22.82	22.71		
3	16QAM	1	0	23.06	23.03	22.98	23.8	1
3	16QAM	1	8	22.94	23.08	22.94		
3	16QAM	1	14	22.98	22.89	22.89		
3	16QAM	8	0	21.69	21.73	21.77	22.8	2
3	16QAM	8	4	21.68	21.63	21.64		
3	16QAM	8	7	21.70	21.71	21.69		
3	16QAM	15	0	21.73	21.70	21.71		
3	64QAM	1	0	21.91	21.81	21.89	22.8	2
3	64QAM	1	8	21.82	21.96	21.92		
3	64QAM	1	14	21.91	21.88	21.82		
3	64QAM	8	0	20.70	20.70	20.67	21.8	3
3	64QAM	8	4	20.79	20.75	20.70		
3	64QAM	8	7	20.78	20.68	20.76		
3	64QAM	15	0	20.69	20.66	20.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.89	23.93	23.78	24.8	0
1.4	QPSK	1	3	23.82	23.78	23.74		
1.4	QPSK	1	5	23.82	23.67	23.63		
1.4	QPSK	3	0	23.87	23.92	23.87		
1.4	QPSK	3	1	23.85	23.74	23.86		
1.4	QPSK	3	3	23.80	23.69	23.66		
1.4	QPSK	6	0	22.83	22.79	22.78	23.8	1
1.4	16QAM	1	0	22.71	22.62	22.59	23.8	1
1.4	16QAM	1	3	22.74	22.67	22.62		
1.4	16QAM	1	5	22.79	22.77	22.60		
1.4	16QAM	3	0	22.94	22.94	22.95		
1.4	16QAM	3	1	23.00	23.01	22.89		
1.4	16QAM	3	3	23.02	22.87	22.94		
1.4	16QAM	6	0	21.78	21.69	21.72	22.8	2
1.4	64QAM	1	0	21.82	21.71	21.71	22.8	2
1.4	64QAM	1	3	21.74	21.77	21.62		
1.4	64QAM	1	5	21.77	21.72	21.77		
1.4	64QAM	3	0	21.92	21.84	21.86		
1.4	64QAM	3	1	21.87	21.96	21.87		
1.4	64QAM	3	3	21.88	21.87	21.90		
1.4	64QAM	6	0	20.72	20.71	20.75	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.92	22.16	21.93	22.8	0
20	QPSK	1	49	21.87	22.10	21.71		
20	QPSK	1	99	21.83	22.03	21.83		
20	QPSK	50	0	21.85	22.14	21.80	22.8	0
20	QPSK	50	24	21.80	22.13	21.71		
20	QPSK	50	50	21.84	22.09	21.79		
20	QPSK	100	0	21.82	22.09	21.78		
20	16QAM	1	0	21.58	21.79	21.43	22.8	0
20	16QAM	1	49	21.49	21.74	21.47		
20	16QAM	1	99	21.57	21.77	21.47		
20	16QAM	50	0	21.48	21.82	21.41	22.8	0
20	16QAM	50	24	21.53	21.78	21.46		
20	16QAM	50	50	21.58	21.86	21.44		
20	16QAM	100	0	21.54	21.73	21.48		
20	64QAM	1	0	21.46	21.77	21.48	22.8	0
20	64QAM	1	49	21.46	21.85	21.45		
20	64QAM	1	99	21.49	21.77	21.43		
20	64QAM	50	0	20.66	21.06	21.00	21.8	1
20	64QAM	50	24	20.68	21.05	20.90		
20	64QAM	50	50	20.75	21.03	20.76		
20	64QAM	100	0	20.71	21.03	20.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.49	21.84	21.48	22.8	0
15	QPSK	1	37	21.59	21.76	21.45		
15	QPSK	1	74	21.47	21.79	21.53		
15	QPSK	36	0	21.49	21.74	21.47	22.8	0
15	QPSK	36	20	21.53	21.86	21.46		
15	QPSK	36	39	21.50	21.85	21.46		
15	QPSK	75	0	21.50	21.76	21.52		
15	16QAM	1	0	21.49	21.83	21.42	22.8	0
15	16QAM	1	37	21.55	21.77	21.46		
15	16QAM	1	74	21.58	21.85	21.49		
15	16QAM	36	0	21.46	21.83	21.44	22.8	0
15	16QAM	36	20	21.59	21.73	21.46		
15	16QAM	36	39	21.46	21.75	21.42		
15	16QAM	75	0	21.57	21.74	21.52		
15	64QAM	1	0	21.54	21.83	21.42	22.8	0
15	64QAM	1	37	21.49	21.74	21.50		
15	64QAM	1	74	21.59	21.85	21.52		
15	64QAM	36	0	20.57	20.96	20.90	21.8	1
15	64QAM	36	20	20.52	20.96	20.83		
15	64QAM	36	39	20.66	20.91	20.70		
15	64QAM	75	0	20.63	20.89	20.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.49	21.74	21.46	22.8	0
10	QPSK	1	25	21.59	21.73	21.52		
10	QPSK	1	49	21.52	21.79	21.54		
10	QPSK	25	0	21.54	21.81	21.43	22.8	0
10	QPSK	25	12	21.55	21.77	21.43		
10	QPSK	25	25	21.57	21.85	21.48		
10	QPSK	50	0	21.51	21.83	21.50		
10	16QAM	1	0	21.51	21.85	21.50	22.8	0
10	16QAM	1	25	21.55	21.85	21.47		
10	16QAM	1	49	21.54	21.79	21.53		
10	16QAM	25	0	21.48	21.84	21.44	22.8	0
10	16QAM	25	12	21.49	21.85	21.45		
10	16QAM	25	25	21.46	21.77	21.49		
10	16QAM	50	0	21.46	21.74	21.42		
10	64QAM	1	0	21.53	21.73	21.49	22.8	0
10	64QAM	1	25	21.57	21.75	21.51		
10	64QAM	1	49	21.52	21.77	21.48		
10	64QAM	25	0	20.58	20.98	20.90	21.8	1
10	64QAM	25	12	20.63	20.96	20.83		
10	64QAM	25	25	20.62	20.88	20.65		
10	64QAM	50	0	20.55	20.92	20.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.50	21.83	21.48	22.8	0
5	QPSK	1	12	21.46	21.73	21.43		
5	QPSK	1	24	21.54	21.79	21.45		
5	QPSK	12	0	21.57	21.73	21.42	22.8	0
5	QPSK	12	7	21.52	21.81	21.43		
5	QPSK	12	13	21.51	21.84	21.41		
5	QPSK	25	0	21.59	21.74	21.49		
5	16QAM	1	0	21.48	21.80	21.45	22.8	0
5	16QAM	1	12	21.54	21.74	21.52		
5	16QAM	1	24	21.57	21.76	21.41		
5	16QAM	12	0	21.50	21.86	21.53	22.8	0
5	16QAM	12	7	21.47	21.84	21.47		
5	16QAM	12	13	21.54	21.84	21.52		
5	16QAM	25	0	21.53	21.81	21.42		
5	64QAM	1	0	21.58	21.76	21.49	22.8	0
5	64QAM	1	12	21.54	21.83	21.49		
5	64QAM	1	24	21.55	21.83	21.43		
5	64QAM	12	0	20.52	21.00	20.90	21.8	1
5	64QAM	12	7	20.55	20.98	20.83		
5	64QAM	12	13	20.64	20.90	20.67		
5	64QAM	25	0	20.66	20.95	20.73		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.50	21.75	21.42	22.8	0
3	QPSK	1	8	21.59	21.81	21.54		
3	QPSK	1	14	21.54	21.75	21.51		
3	QPSK	8	0	21.48	21.79	21.49	22.8	0
3	QPSK	8	4	21.46	21.86	21.53		
3	QPSK	8	7	21.47	21.79	21.47		
3	QPSK	15	0	21.53	21.73	21.51		
3	16QAM	1	0	21.56	21.86	21.45	22.8	0
3	16QAM	1	8	21.53	21.81	21.48		
3	16QAM	1	14	21.48	21.78	21.53		
3	16QAM	8	0	21.57	21.78	21.53	22.8	0
3	16QAM	8	4	21.51	21.76	21.43		
3	16QAM	8	7	21.46	21.85	21.42		
3	16QAM	15	0	21.47	21.83	21.48		
3	64QAM	1	0	21.55	21.81	21.54	22.8	0
3	64QAM	1	8	21.48	21.77	21.48		
3	64QAM	1	14	21.50	21.76	21.49		
3	64QAM	8	0	20.60	21.01	20.93	21.8	1
3	64QAM	8	4	20.62	20.92	20.80		
3	64QAM	8	7	20.69	20.90	20.70		
3	64QAM	15	0	20.62	20.87	20.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.50	21.86	21.50	22.8	0
1.4	QPSK	1	3	21.58	21.75	21.47		
1.4	QPSK	1	5	21.47	21.84	21.44		
1.4	QPSK	3	0	21.51	21.84	21.50		
1.4	QPSK	3	1	21.52	21.83	21.52		
1.4	QPSK	3	3	21.46	21.80	21.54		
1.4	QPSK	6	0	21.59	21.75	21.46	22.8	0
1.4	16QAM	1	0	21.49	21.80	21.54	22.8	0
1.4	16QAM	1	3	21.52	21.77	21.52		
1.4	16QAM	1	5	21.58	21.79	21.43		
1.4	16QAM	3	0	21.58	21.78	21.43		
1.4	16QAM	3	1	21.50	21.82	21.49		
1.4	16QAM	3	3	21.48	21.81	21.51		
1.4	16QAM	6	0	21.47	21.85	21.49	22.8	0
1.4	64QAM	1	0	21.52	21.85	21.54	22.8	0
1.4	64QAM	1	3	21.46	21.86	21.44		
1.4	64QAM	1	5	21.53	21.74	21.49		
1.4	64QAM	3	0	21.52	21.85	21.48		
1.4	64QAM	3	1	21.51	21.75	21.53		
1.4	64QAM	3	3	21.48	21.84	21.46		
1.4	64QAM	6	0	20.61	20.90	20.90	21.8	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.65	21.89	21.70	22.3	0
20	QPSK	1	49	21.58	21.65	21.68		
20	QPSK	1	99	21.59	21.75	21.69		
20	QPSK	50	0	21.64	21.85	21.76	22.3	0
20	QPSK	50	24	21.55	21.70	21.71		
20	QPSK	50	50	21.62	21.80	21.70		
20	QPSK	100	0	21.50	21.75	21.68		
20	16QAM	1	0	21.57	21.84	21.68	22.3	0
20	16QAM	1	49	21.57	21.84	21.74		
20	16QAM	1	99	21.62	21.81	21.81		
20	16QAM	50	0	21.61	21.85	21.73	22.3	0
20	16QAM	50	24	21.59	21.78	21.66		
20	16QAM	50	50	21.51	21.72	21.75		
20	16QAM	100	0	21.52	21.69	21.69		
20	64QAM	1	0	21.68	21.78	21.68	22.3	0
20	64QAM	1	49	21.58	21.80	21.69		
20	64QAM	1	99	21.51	21.83	21.72		
20	64QAM	50	0	20.96	21.23	21.09	21.8	0.5
20	64QAM	50	24	20.94	21.20	21.06		
20	64QAM	50	50	20.97	21.18	20.94		
20	64QAM	100	0	20.92	21.19	21.03		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.56	21.79	21.67	22.3	0
15	QPSK	1	37	21.57	21.74	21.66		
15	QPSK	1	74	21.60	21.75	21.58		
15	QPSK	36	0	21.56	21.83	21.80	22.3	0
15	QPSK	36	20	21.60	21.78	21.67		
15	QPSK	36	39	21.62	21.80	21.73		
15	QPSK	75	0	21.48	21.74	21.72		
15	16QAM	1	0	21.62	21.80	21.58	22.3	0
15	16QAM	1	37	21.57	21.77	21.70		
15	16QAM	1	74	21.64	21.84	21.77		
15	16QAM	36	0	21.54	21.78	21.77	22.3	0
15	16QAM	36	20	21.58	21.73	21.64		
15	16QAM	36	39	21.61	21.67	21.63		
15	16QAM	75	0	21.53	21.77	21.74		
15	64QAM	1	0	21.67	21.79	21.58	22.3	0
15	64QAM	1	37	21.49	21.85	21.61		
15	64QAM	1	74	21.63	21.74	21.67		
15	64QAM	36	0	20.93	21.24	21.08	21.8	0.5
15	64QAM	36	20	20.91	21.23	21.04		
15	64QAM	36	39	20.91	21.20	20.99		
15	64QAM	75	0	20.91	21.23	21.04		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.56	21.81	21.62	22.3	0
10	QPSK	1	25	21.62	21.75	21.65		
10	QPSK	1	49	21.57	21.69	21.61		
10	QPSK	25	0	21.60	21.82	21.71	22.3	0
10	QPSK	25	12	21.53	21.79	21.65		
10	QPSK	25	25	21.52	21.81	21.72		
10	QPSK	50	0	21.56	21.71	21.71		
10	16QAM	1	0	21.60	21.76	21.61	22.3	0
10	16QAM	1	25	21.59	21.76	21.69		
10	16QAM	1	49	21.68	21.78	21.77		
10	16QAM	25	0	21.58	21.79	21.76	22.3	0
10	16QAM	25	12	21.51	21.71	21.70		
10	16QAM	25	25	21.55	21.70	21.69		
10	16QAM	50	0	21.59	21.70	21.72		
10	64QAM	1	0	21.64	21.66	21.65	22.3	0
10	64QAM	1	25	21.59	21.83	21.68		
10	64QAM	1	49	21.51	21.85	21.66		
10	64QAM	25	0	20.88	21.15	20.96	21.8	0.5
10	64QAM	25	12	20.85	21.08	20.94		
10	64QAM	25	25	20.90	21.03	20.81		
10	64QAM	50	0	20.90	21.18	20.93		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.57	21.87	21.73	22.3	0
5	QPSK	1	12	21.49	21.67	21.64		
5	QPSK	1	24	21.54	21.67	21.65		
5	QPSK	12	0	21.62	21.86	21.79	22.3	0
5	QPSK	12	7	21.61	21.69	21.70		
5	QPSK	12	13	21.62	21.73	21.76		
5	QPSK	25	0	21.48	21.80	21.71		
5	16QAM	1	0	21.57	21.78	21.63	22.3	0
5	16QAM	1	12	21.57	21.82	21.68		
5	16QAM	1	24	21.65	21.86	21.74		
5	16QAM	12	0	21.52	21.82	21.77	22.3	0
5	16QAM	12	7	21.48	21.77	21.65		
5	16QAM	12	13	21.62	21.76	21.69		
5	16QAM	25	0	21.64	21.78	21.71		
5	64QAM	1	0	21.60	21.79	21.62	22.3	0
5	64QAM	1	12	21.61	21.83	21.73		
5	64QAM	1	24	21.62	21.80	21.66		
5	64QAM	12	0	20.91	21.09	21.01	21.8	0.5
5	64QAM	12	7	20.79	21.17	21.05		
5	64QAM	12	13	20.87	21.08	20.87		
5	64QAM	25	0	20.91	21.13	20.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.58	21.81	21.64	22.3	0
3	QPSK	1	8	21.61	21.73	21.68		
3	QPSK	1	14	21.60	21.74	21.66		
3	QPSK	8	0	21.61	21.81	21.71	22.3	0
3	QPSK	8	4	21.49	21.73	21.70		
3	QPSK	8	7	21.50	21.79	21.71		
3	QPSK	15	0	21.49	21.74	21.65		
3	16QAM	1	0	21.58	21.86	21.58	22.3	0
3	16QAM	1	8	21.65	21.88	21.66		
3	16QAM	1	14	21.68	21.78	21.72		
3	16QAM	8	0	21.56	21.73	21.76	22.3	0
3	16QAM	8	4	21.58	21.75	21.62		
3	16QAM	8	7	21.58	21.78	21.72		
3	16QAM	15	0	21.58	21.71	21.76		
3	64QAM	1	0	21.60	21.70	21.60	22.3	0
3	64QAM	1	8	21.51	21.82	21.73		
3	64QAM	1	14	21.63	21.74	21.64		
3	64QAM	8	0	20.92	21.10	20.97	21.8	0.5
3	64QAM	8	4	20.83	21.15	20.93		
3	64QAM	8	7	20.92	21.05	20.83		
3	64QAM	15	0	20.90	21.07	20.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.63	21.80	21.67	22.3	0
1.4	QPSK	1	3	21.62	21.62	21.61		
1.4	QPSK	1	5	21.62	21.74	21.61		
1.4	QPSK	3	0	21.56	21.84	21.62		
1.4	QPSK	3	1	21.61	21.68	21.66		
1.4	QPSK	3	3	21.55	21.74	21.59		
1.4	QPSK	6	0	21.56	21.81	21.73	22.3	0
1.4	16QAM	1	0	21.60	21.68	21.66	22.3	0
1.4	16QAM	1	3	21.50	21.73	21.69		
1.4	16QAM	1	5	21.58	21.74	21.72		
1.4	16QAM	3	0	21.60	21.74	21.69		
1.4	16QAM	3	1	21.66	21.87	21.75		
1.4	16QAM	3	3	21.66	21.79	21.78		
1.4	16QAM	6	0	21.61	21.82	21.77	22.3	0
1.4	64QAM	1	0	21.53	21.73	21.61	22.3	0
1.4	64QAM	1	3	21.54	21.78	21.71		
1.4	64QAM	1	5	21.65	21.70	21.70		
1.4	64QAM	3	0	21.68	21.79	21.66		
1.4	64QAM	3	1	21.59	21.85	21.61		
1.4	64QAM	3	3	21.58	21.81	21.68		
1.4	64QAM	6	0	20.82	21.18	20.99	21.8	0.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.52	23.65	23.58	24.3	0
20	QPSK	1	49	23.29	23.56	23.35		
20	QPSK	1	99	23.33	23.47	23.21		
20	QPSK	50	0	22.39	22.60	22.42	23.3	1
20	QPSK	50	24	22.36	22.57	22.39		
20	QPSK	50	50	22.35	22.51	22.27		
20	QPSK	100	0	22.35	22.53	22.32		
20	16QAM	1	0	22.53	22.81	22.78	23.3	1
20	16QAM	1	49	22.56	22.78	22.57		
20	16QAM	1	99	22.59	22.74	22.43		
20	16QAM	50	0	21.38	21.59	21.41	22.3	2
20	16QAM	50	24	21.36	21.57	21.37		
20	16QAM	50	50	21.36	21.53	21.27		
20	16QAM	100	0	21.34	21.53	21.32		
20	64QAM	1	0	21.52	21.76	21.75	22.3	2
20	64QAM	1	49	21.54	21.80	21.49		
20	64QAM	1	99	21.55	21.70	21.43		
20	64QAM	50	0	20.39	20.59	20.40	21.3	3
20	64QAM	50	24	20.35	20.57	20.38		
20	64QAM	50	50	20.35	20.54	20.29		
20	64QAM	100	0	20.35	20.54	20.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.47	23.56	23.43	24.3	0
15	QPSK	1	37	23.18	23.42	23.23		
15	QPSK	1	74	23.21	23.34	23.16		
15	QPSK	36	0	22.31	22.48	22.27	23.3	1
15	QPSK	36	20	22.29	22.41	22.27		
15	QPSK	36	39	22.19	22.40	22.20		
15	QPSK	75	0	22.19	22.42	22.23		
15	16QAM	1	0	22.47	22.70	22.65	23.3	1
15	16QAM	1	37	22.41	22.69	22.45		
15	16QAM	1	74	22.47	22.59	22.38		
15	16QAM	36	0	21.36	21.54	21.34	22.3	2
15	16QAM	36	20	21.32	21.47	21.30		
15	16QAM	36	39	21.32	21.46	21.20		
15	16QAM	75	0	21.31	21.37	21.20		
15	64QAM	1	0	21.44	21.69	21.59	22.3	2
15	64QAM	1	37	21.39	21.74	21.34		
15	64QAM	1	74	21.49	21.62	21.29		
15	64QAM	36	0	20.29	20.45	20.27	21.3	3
15	64QAM	36	20	20.19	20.41	20.22		
15	64QAM	36	39	20.27	20.49	20.18		
15	64QAM	75	0	20.29	20.47	20.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.43	23.52	23.47	24.3	0
10	QPSK	1	25	23.17	23.41	23.22		
10	QPSK	1	49	23.25	23.32	23.15		
10	QPSK	25	0	22.34	22.47	22.36	23.3	1
10	QPSK	25	12	22.28	22.51	22.27		
10	QPSK	25	25	22.22	22.39	22.14		
10	QPSK	50	0	22.30	22.42	22.19		
10	16QAM	1	0	22.48	22.73	22.72	23.3	1
10	16QAM	1	25	22.42	22.65	22.51		
10	16QAM	1	49	22.49	22.64	22.27		
10	16QAM	25	0	21.31	21.44	21.35	22.3	2
10	16QAM	25	12	21.28	21.46	21.23		
10	16QAM	25	25	21.31	21.46	21.21		
10	16QAM	50	0	21.26	21.46	21.22		
10	64QAM	1	0	21.47	21.61	21.65	22.3	2
10	64QAM	1	25	21.42	21.65	21.41		
10	64QAM	1	49	21.41	21.64	21.36		
10	64QAM	25	0	20.31	20.44	20.35	21.3	3
10	64QAM	25	12	20.26	20.41	20.26		
10	64QAM	25	25	20.23	20.44	20.19		
10	64QAM	50	0	20.26	20.41	20.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.56	23.42	24.3	0
5	QPSK	1	12	23.17	23.43	23.25		
5	QPSK	1	24	23.27	23.42	23.16		
5	QPSK	12	0	22.26	22.46	22.37	23.3	1
5	QPSK	12	7	22.31	22.48	22.24		
5	QPSK	12	13	22.20	22.38	22.21		
5	QPSK	25	0	22.30	22.41	22.22		
5	16QAM	1	0	22.46	22.72	22.62	23.3	1
5	16QAM	1	12	22.48	22.63	22.51		
5	16QAM	1	24	22.46	22.69	22.36		
5	16QAM	12	0	21.34	21.52	21.31	22.3	2
5	16QAM	12	7	21.34	21.51	21.22		
5	16QAM	12	13	21.34	21.38	21.11		
5	16QAM	25	0	21.28	21.37	21.18		
5	64QAM	1	0	21.39	21.62	21.65	22.3	2
5	64QAM	1	12	21.40	21.67	21.41		
5	64QAM	1	24	21.39	21.59	21.31		
5	64QAM	12	0	20.25	20.53	20.35	21.3	3
5	64QAM	12	7	20.25	20.46	20.32		
5	64QAM	12	13	20.22	20.47	20.19		
5	64QAM	25	0	20.20	20.40	20.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.36	23.57	23.43	24.3	0
3	QPSK	1	8	23.22	23.44	23.29		
3	QPSK	1	14	23.21	23.39	23.07		
3	QPSK	8	0	22.32	22.55	22.35	23.3	1
3	QPSK	8	4	22.24	22.42	22.29		
3	QPSK	8	7	22.26	22.38	22.18		
3	QPSK	15	0	22.25	22.41	22.17		
3	16QAM	1	0	22.37	22.75	22.72	23.3	1
3	16QAM	1	8	22.43	22.69	22.44		
3	16QAM	1	14	22.44	22.65	22.31		
3	16QAM	8	0	21.31	21.45	21.26	22.3	2
3	16QAM	8	4	21.32	21.50	21.30		
3	16QAM	8	7	21.33	21.47	21.12		
3	16QAM	15	0	21.27	21.41	21.17		
3	64QAM	1	0	21.41	21.60	21.68	22.3	2
3	64QAM	1	8	21.41	21.73	21.36		
3	64QAM	1	14	21.50	21.60	21.33		
3	64QAM	8	0	20.32	20.46	20.31	21.3	3
3	64QAM	8	4	20.22	20.42	20.24		
3	64QAM	8	7	20.27	20.45	20.22		
3	64QAM	15	0	20.27	20.39	20.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.24	23.52	23.26	24.3	0
1.4	QPSK	1	3	23.26	23.51	23.22		
1.4	QPSK	1	5	23.28	23.51	23.23		
1.4	QPSK	3	0	23.28	23.48	23.25		
1.4	QPSK	3	1	23.29	23.49	23.25		
1.4	QPSK	3	3	23.30	23.49	23.25		
1.4	QPSK	6	0	22.28	22.49	22.27	23.3	1
1.4	16QAM	1	0	22.51	22.76	22.52	23.3	1
1.4	16QAM	1	3	22.50	22.75	22.48		
1.4	16QAM	1	5	22.48	22.75	22.47		
1.4	16QAM	3	0	22.26	22.51	22.26		
1.4	16QAM	3	1	22.28	22.53	22.27		
1.4	16QAM	3	3	22.25	22.48	22.26		
1.4	16QAM	6	0	21.31	21.57	21.33	22.3	2
1.4	64QAM	1	0	21.44	21.72	21.47	22.3	2
1.4	64QAM	1	3	21.44	21.71	21.43		
1.4	64QAM	1	5	21.42	21.72	21.42		
1.4	64QAM	3	0	21.34	21.59	21.39		
1.4	64QAM	3	1	21.33	21.57	21.39		
1.4	64QAM	3	3	21.33	21.58	21.37		
1.4	64QAM	6	0	20.24	20.47	20.23	21.3	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.35	23.38	23.28	23.8	0
20	QPSK	1	49	23.23	23.11	23.17		
20	QPSK	1	99	23.28	23.11	23.15		
20	QPSK	50	0	23.34	23.37	23.25	23.8	0
20	QPSK	50	24	23.32	23.20	23.14		
20	QPSK	50	50	23.30	23.20	23.15		
20	QPSK	100	0	23.30	23.35	23.14		
20	16QAM	1	0	23.30	23.21	23.15	23.8	0
20	16QAM	1	49	23.34	23.23	23.17		
20	16QAM	1	99	23.32	23.22	23.19		
20	16QAM	50	0	22.34	22.20	22.14	22.8	1
20	16QAM	50	24	22.35	22.22	22.16		
20	16QAM	50	50	22.34	22.22	22.16		
20	16QAM	100	0	22.32	22.20	22.15		
20	64QAM	1	0	22.08	21.94	21.90	22.8	1
20	64QAM	1	49	22.12	21.96	21.95		
20	64QAM	1	99	22.08	21.94	21.94		
20	64QAM	50	0	21.30	21.17	21.11	21.8	2
20	64QAM	50	24	21.32	21.18	21.13		
20	64QAM	50	50	21.32	21.20	21.12		
20	64QAM	100	0	21.32	21.17	21.12		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.24	23.27	23.12	23.8	0
15	QPSK	1	37	23.19	23.05	22.97		
15	QPSK	1	74	23.05	22.94	23.00		
15	QPSK	36	0	23.26	23.23	23.19	23.8	0
15	QPSK	36	20	23.24	23.10	23.09		
15	QPSK	36	39	23.18	23.09	23.07		
15	QPSK	75	0	23.24	23.30	22.98		
15	16QAM	1	0	23.18	23.07	23.02	23.8	0
15	16QAM	1	37	23.24	23.14	23.09		
15	16QAM	1	74	23.19	23.15	23.08		
15	16QAM	36	0	22.27	22.13	22.00	22.8	1
15	16QAM	36	20	22.30	22.12	22.02		
15	16QAM	36	39	22.31	22.12	22.06		
15	16QAM	75	0	22.26	22.04	22.10		
15	64QAM	1	0	22.01	21.87	21.77	22.8	1
15	64QAM	1	37	22.04	21.83	21.79		
15	64QAM	1	74	21.95	21.82	21.81		
15	64QAM	36	0	21.16	21.02	20.99	21.8	2
15	64QAM	36	20	21.21	21.08	21.08		
15	64QAM	36	39	21.18	21.04	21.07		
15	64QAM	75	0	21.22	21.10	21.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.24	23.20	23.05	23.8	0
10	QPSK	1	25	23.21	23.13	23.01		
10	QPSK	1	49	23.10	22.99	22.98		
10	QPSK	25	0	23.21	23.23	23.09	23.8	0
10	QPSK	25	12	23.21	23.09	23.05		
10	QPSK	25	25	23.20	23.07	23.05		
10	QPSK	50	0	23.23	23.20	23.06		
10	16QAM	1	0	23.17	23.13	23.09	23.8	0
10	16QAM	1	25	23.18	23.08	23.12		
10	16QAM	1	49	23.24	23.11	23.07		
10	16QAM	25	0	22.31	22.14	21.99	22.8	1
10	16QAM	25	12	22.30	22.13	22.04		
10	16QAM	25	25	22.28	22.07	22.02		
10	16QAM	50	0	22.26	22.05	21.99		
10	64QAM	1	0	21.98	21.86	21.76	22.8	1
10	64QAM	1	25	22.00	21.86	21.88		
10	64QAM	1	49	22.00	21.81	21.89		
10	64QAM	25	0	21.22	21.11	21.03	21.8	2
10	64QAM	25	12	21.20	21.07	21.05		
10	64QAM	25	25	21.26	21.07	20.99		
10	64QAM	50	0	21.23	21.05	20.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.19	23.26	23.07	23.8	0
5	QPSK	1	12	23.16	23.06	22.95		
5	QPSK	1	24	23.11	23.02	23.01		
5	QPSK	12	0	23.18	23.31	23.10	23.8	0
5	QPSK	12	7	23.25	23.14	23.01		
5	QPSK	12	13	23.24	23.15	23.04		
5	QPSK	25	0	23.14	23.24	22.99		
5	16QAM	1	0	23.15	23.15	23.00	23.8	0
5	16QAM	1	12	23.19	23.13	23.05		
5	16QAM	1	24	23.23	23.14	23.14		
5	16QAM	12	0	22.28	22.05	22.01	22.8	1
5	16QAM	12	7	22.33	22.13	22.07		
5	16QAM	12	13	22.26	22.15	22.10		
5	16QAM	25	0	22.26	22.05	22.05		
5	64QAM	1	0	21.94	21.84	21.80	22.8	1
5	64QAM	1	12	22.04	21.84	21.82		
5	64QAM	1	24	21.96	21.80	21.89		
5	64QAM	12	0	21.22	21.11	21.00	21.8	2
5	64QAM	12	7	21.22	21.08	21.03		
5	64QAM	12	13	21.20	21.04	20.99		
5	64QAM	25	0	21.23	21.08	20.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.85	18.91	18.80	19.8	0
20	QPSK	1	49	18.76	18.65	18.73		
20	QPSK	1	99	18.73	18.73	18.60		
20	QPSK	50	0	18.76	18.88	18.84	19.8	0
20	QPSK	50	24	18.62	18.79	18.70		
20	QPSK	50	50	18.65	18.67	18.82		
20	QPSK	100	0	18.75	18.76	18.62		
20	16QAM	1	0	18.75	18.76	18.72	19.8	0
20	16QAM	1	49	18.74	18.78	18.54		
20	16QAM	1	99	18.76	18.66	18.76		
20	16QAM	50	0	18.74	18.58	18.59	19.8	0
20	16QAM	50	24	18.72	18.70	18.54		
20	16QAM	50	50	18.78	18.78	18.65		
20	16QAM	100	0	18.63	18.75	18.76		
20	64QAM	1	0	18.63	18.78	18.63	19.8	0
20	64QAM	1	49	18.72	18.71	18.70		
20	64QAM	1	99	18.74	18.60	18.52		
20	64QAM	50	0	18.69	18.56	18.72	19.8	0
20	64QAM	50	24	18.64	18.72	18.59		
20	64QAM	50	50	18.75	18.79	18.67		
20	64QAM	100	0	18.64	18.73	18.67		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.72	18.75	18.77	19.8	0
15	QPSK	1	37	18.68	18.60	18.69		
15	QPSK	1	74	18.75	18.68	18.72		
15	QPSK	36	0	18.71	18.79	18.73	19.8	0
15	QPSK	36	20	18.66	18.77	18.69		
15	QPSK	36	39	18.69	18.71	18.74		
15	QPSK	75	0	18.77	18.68	18.75		
15	16QAM	1	0	18.75	18.74	18.66	19.8	0
15	16QAM	1	37	18.75	18.69	18.60		
15	16QAM	1	74	18.71	18.55	18.77		
15	16QAM	36	0	18.72	18.66	18.60	19.8	0
15	16QAM	36	20	18.66	18.73	18.54		
15	16QAM	36	39	18.67	18.69	18.61		
15	16QAM	75	0	18.62	18.68	18.72		
15	64QAM	1	0	18.69	18.74	18.67	19.8	0
15	64QAM	1	37	18.74	18.75	18.59		
15	64QAM	1	74	18.75	18.70	18.51		
15	64QAM	36	0	18.71	18.63	18.62	19.8	0
15	64QAM	36	20	18.62	18.78	18.59		
15	64QAM	36	39	18.76	18.73	18.64		
15	64QAM	75	0	18.69	18.78	18.70		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.78	18.78	18.74	19.8	0
10	QPSK	1	25	18.64	18.66	18.72		
10	QPSK	1	49	18.74	18.75	18.69		
10	QPSK	25	0	18.65	18.75	18.73	19.8	0
10	QPSK	25	12	18.69	18.77	18.78		
10	QPSK	25	25	18.65	18.64	18.72		
10	QPSK	50	0	18.75	18.78	18.67		
10	16QAM	1	0	18.66	18.72	18.65	19.8	0
10	16QAM	1	25	18.73	18.78	18.56		
10	16QAM	1	49	18.70	18.65	18.69		
10	16QAM	25	0	18.70	18.66	18.60	19.8	0
10	16QAM	25	12	18.69	18.71	18.60		
10	16QAM	25	25	18.74	18.71	18.64		
10	16QAM	50	0	18.73	18.73	18.79		
10	64QAM	1	0	18.65	18.70	18.74	19.8	0
10	64QAM	1	25	18.73	18.75	18.61		
10	64QAM	1	49	18.77	18.71	18.60		
10	64QAM	25	0	18.76	18.64	18.65	19.8	0
10	64QAM	25	12	18.74	18.78	18.52		
10	64QAM	25	25	18.66	18.71	18.67		
10	64QAM	50	0	18.74	18.74	18.69		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.76	18.74	18.72	19.8	0
5	QPSK	1	12	18.69	18.66	18.70		
5	QPSK	1	24	18.73	18.71	18.72		
5	QPSK	12	0	18.64	18.77	18.72	19.8	0
5	QPSK	12	7	18.68	18.74	18.77		
5	QPSK	12	13	18.64	18.64	18.70		
5	QPSK	25	0	18.67	18.68	18.69		
5	16QAM	1	0	18.73	18.70	18.73	19.8	0
5	16QAM	1	12	18.69	18.71	18.58		
5	16QAM	1	24	18.79	18.55	18.71		
5	16QAM	12	0	18.70	18.58	18.53	19.8	0
5	16QAM	12	7	18.68	18.71	18.55		
5	16QAM	12	13	18.66	18.77	18.60		
5	16QAM	25	0	18.64	18.66	18.75		
5	64QAM	1	0	18.70	18.67	18.63	19.8	0
5	64QAM	1	12	18.73	18.75	18.69		
5	64QAM	1	24	18.77	18.62	18.51		
5	64QAM	12	0	18.72	18.63	18.65	19.8	0
5	64QAM	12	7	18.72	18.71	18.56		
5	64QAM	12	13	18.67	18.70	18.67		
5	64QAM	25	0	18.71	18.70	18.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.71	22.72	22.67	23.6	0
20	QPSK	1	49	22.63	22.45	22.53		
20	QPSK	1	99	22.70	22.54	22.65		
20	QPSK	50	0	22.20	22.23	22.17	23.1	0.5
20	QPSK	50	24	22.18	22.09	22.09		
20	QPSK	50	50	22.18	22.08	22.10		
20	QPSK	100	0	22.15	22.20	22.06		
20	16QAM	1	0	22.16	22.10	22.06	23.1	0.5
20	16QAM	1	49	22.19	22.13	22.06		
20	16QAM	1	99	22.21	22.13	22.17		
20	16QAM	50	0	21.14	21.10	21.08	22.1	1.5
20	16QAM	50	24	21.17	21.12	21.11		
20	16QAM	50	50	21.21	21.11	21.13		
20	16QAM	100	0	21.16	21.10	21.10		
20	64QAM	1	0	20.91	20.91	20.76	22.1	1.5
20	64QAM	1	49	20.94	20.92	20.81		
20	64QAM	1	99	20.95	20.94	20.92		
20	64QAM	50	0	20.16	20.09	20.06	21.1	2.5
20	64QAM	50	24	20.18	20.12	20.11		
20	64QAM	50	50	20.21	20.12	20.13		
20	64QAM	100	0	20.15	20.08	20.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.63	22.62	22.55	23.6	0
15	QPSK	1	37	22.58	22.41	22.46		
15	QPSK	1	74	22.54	22.39	22.62		
15	QPSK	36	0	22.08	22.09	22.11	23.1	0.5
15	QPSK	36	20	22.08	22.01	21.98		
15	QPSK	36	39	22.13	21.97	21.94		
15	QPSK	75	0	22.02	22.04	21.90		
15	16QAM	1	0	22.02	22.03	21.99	23.1	0.5
15	16QAM	1	37	22.11	21.98	21.95		
15	16QAM	1	74	22.09	22.02	22.02		
15	16QAM	36	0	21.11	20.97	20.94	22.1	1.5
15	16QAM	36	20	21.15	20.99	21.05		
15	16QAM	36	39	21.19	21.04	21.07		
15	16QAM	75	0	21.14	20.98	21.05		
15	64QAM	1	0	20.82	20.80	20.69	22.1	1.5
15	64QAM	1	37	20.82	20.86	20.69		
15	64QAM	1	74	20.85	20.85	20.82		
15	64QAM	36	0	20.11	19.93	19.96	21.1	2.5
15	64QAM	36	20	20.03	20.00	20.02		
15	64QAM	36	39	20.10	20.03	20.08		
15	64QAM	75	0	20.04	20.02	20.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.55	22.60	22.64	23.6	0
10	QPSK	1	25	22.54	22.33	22.49		
10	QPSK	1	49	22.55	22.37	22.52		
10	QPSK	25	0	22.06	22.12	22.12	23.1	0.5
10	QPSK	25	12	22.08	21.99	21.98		
10	QPSK	25	25	22.09	22.00	22.03		
10	QPSK	50	0	22.01	22.15	21.91		
10	16QAM	1	0	22.05	21.94	21.94	23.1	0.5
10	16QAM	1	25	22.10	22.06	22.00		
10	16QAM	1	49	22.10	21.97	22.02		
10	16QAM	25	0	21.10	21.02	20.99	22.1	1.5
10	16QAM	25	12	21.13	20.97	21.02		
10	16QAM	25	25	21.15	20.95	21.01		
10	16QAM	50	0	21.14	20.96	21.00		
10	64QAM	1	0	20.76	20.79	20.61	22.1	1.5
10	64QAM	1	25	20.79	20.87	20.72		
10	64QAM	1	49	20.84	20.78	20.78		
10	64QAM	25	0	20.00	19.95	20.01	21.1	2.5
10	64QAM	25	12	20.03	20.00	20.01		
10	64QAM	25	25	20.10	20.04	20.00		
10	64QAM	50	0	20.00	19.93	20.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.64	22.62	22.66	23.6	0
5	QPSK	1	12	22.53	22.33	22.46		
5	QPSK	1	24	22.62	22.39	22.60		
5	QPSK	12	0	22.21	22.13	22.16	23.1	0.5
5	QPSK	12	7	22.21	22.14	22.19		
5	QPSK	12	13	22.21	22.11	22.21		
5	QPSK	25	0	22.23	22.14	22.21		
5	16QAM	1	0	22.24	22.15	22.08	23.1	0.5
5	16QAM	1	12	22.24	22.16	22.17		
5	16QAM	1	24	22.25	22.15	22.19		
5	16QAM	12	0	21.17	21.11	21.14	22.1	1.5
5	16QAM	12	7	21.17	21.10	21.15		
5	16QAM	12	13	21.17	21.09	21.18		
5	16QAM	25	0	21.24	21.17	21.24		
5	64QAM	1	0	20.99	20.90	20.97	22.1	1.5
5	64QAM	1	12	20.99	20.92	21.06		
5	64QAM	1	24	21.00	20.89	21.11		
5	64QAM	12	0	20.22	20.14	20.21	21.1	2.5
5	64QAM	12	7	20.21	20.13	20.21		
5	64QAM	12	13	20.22	20.13	20.26		
5	64QAM	25	0	20.26	20.17	20.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.30	23.39	23.44	23.29	23.20	23.8	0
20	QPSK	1	49	23.18	23.22	23.21	23.00	22.90		
20	QPSK	1	99	23.17	23.20	23.13	23.07	22.99		
20	QPSK	50	0	23.28	23.38	23.40	23.25	23.15	23.8	0
20	QPSK	50	24	23.20	23.29	23.31	23.21	23.09		
20	QPSK	50	50	23.25	23.35	23.30	23.19	23.11		
20	QPSK	100	0	23.20	23.31	23.33	23.19	23.08		
20	16QAM	1	0	23.05	23.25	23.34	23.14	22.99	23.8	0
20	16QAM	1	49	23.24	23.32	23.39	23.18	23.08		
20	16QAM	1	99	23.29	23.36	23.29	23.21	23.17		
20	16QAM	50	0	22.11	22.25	22.35	22.18	22.02	22.8	1
20	16QAM	50	24	22.21	22.29	22.31	22.22	22.09		
20	16QAM	50	50	22.27	22.37	22.31	22.21	22.14		
20	16QAM	100	0	22.20	22.31	22.32	22.21	22.08		
20	64QAM	1	0	21.78	21.92	22.06	21.86	21.73	22.8	1
20	64QAM	1	49	21.97	22.05	22.08	21.95	21.81		
20	64QAM	1	99	22.01	22.15	22.02	21.95	21.89		
20	64QAM	50	0	21.13	21.23	21.34	21.18	21.03	21.8	2
20	64QAM	50	24	21.23	21.27	21.32	21.21	21.11		
20	64QAM	50	50	21.28	21.35	21.31	21.21	21.14		
20	64QAM	100	0	21.22	21.29	21.33	21.21	21.10		
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	23.24	23.35	23.36	23.08	23.04	23.8	0
15	QPSK	1	37	23.10	23.24	23.28	23.07	22.98		
15	QPSK	1	74	23.19	23.25	23.18	23.09	23.00		
15	QPSK	36	0	23.15	23.25	23.24	23.14	22.99	23.8	0
15	QPSK	36	20	23.15	23.14	23.26	23.11	22.97		
15	QPSK	36	39	23.17	23.28	23.22	23.05	22.96		
15	QPSK	75	0	23.06	23.17	23.24	23.09	22.96		
15	16QAM	1	0	22.96	23.12	23.27	23.08	22.91	23.8	0
15	16QAM	1	37	23.17	23.25	23.30	23.06	23.03		
15	16QAM	1	74	23.16	23.30	23.18	23.12	23.09		
15	16QAM	36	0	22.06	22.09	22.25	22.11	21.92	22.8	1
15	16QAM	36	20	22.08	22.24	22.17	22.08	22.04		
15	16QAM	36	39	22.22	22.30	22.17	22.08	22.04		
15	16QAM	75	0	22.14	22.26	22.23	22.12	21.98		
15	64QAM	1	0	21.73	21.77	21.91	21.70	21.58	22.8	1
15	64QAM	1	37	21.90	21.95	22.01	21.82	21.70		
15	64QAM	1	74	21.94	22.02	21.93	21.79	21.80		
15	64QAM	36	0	21.06	21.12	21.28	21.03	20.97	21.8	2
15	64QAM	36	20	21.17	21.12	21.27	21.08	21.05		
15	64QAM	36	39	21.17	21.22	21.26	21.09	21.08		
15	64QAM	75	0	21.13	21.15	21.24	21.06	20.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.11	23.30	23.32	23.08	23.11	23.8	0
10	QPSK	1	25	23.05	23.18	23.32	23.09	22.89		
10	QPSK	1	49	23.11	23.30	23.25	23.04	22.94		
10	QPSK	25	0	23.20	23.29	23.31	23.14	23.06	23.8	0
10	QPSK	25	12	23.06	23.19	23.17	23.08	22.96		
10	QPSK	25	25	23.19	23.23	23.23	23.06	23.04		
10	QPSK	50	0	23.13	23.25	23.23	23.11	22.92		
10	16QAM	1	0	22.93	23.19	23.23	23.03	22.92	23.8	0
10	16QAM	1	25	23.13	23.20	23.32	23.10	23.03		
10	16QAM	1	49	23.24	23.38	23.14	23.13	23.04		
10	16QAM	25	0	22.00	22.13	22.23	22.03	21.89	22.8	1
10	16QAM	25	12	22.11	22.14	22.26	22.06	22.01		
10	16QAM	25	25	22.22	22.22	22.23	22.15	21.98		
10	16QAM	50	0	22.05	22.25	22.21	22.10	21.99		
10	64QAM	1	0	21.73	21.85	21.91	21.72	21.65	22.8	1
10	64QAM	1	25	21.89	21.93	22.03	21.86	21.71		
10	64QAM	1	49	21.86	22.00	21.93	21.84	21.73		
10	64QAM	25	0	21.08	21.07	21.23	21.09	20.95	21.8	2
10	64QAM	25	12	21.15	21.16	21.19	21.07	20.99		
10	64QAM	25	25	21.14	21.22	21.20	21.05	21.08		
10	64QAM	50	0	21.13	21.16	21.19	21.09	20.99		
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	23.22	23.35	23.37	23.10	23.03	23.8	0
5	QPSK	1	12	23.17	23.26	23.28	23.12	23.00		
5	QPSK	1	24	23.10	23.26	23.18	23.01	23.00		
5	QPSK	12	0	23.15	23.25	23.29	23.10	23.09	23.8	0
5	QPSK	12	7	23.04	23.20	23.18	23.15	22.95		
5	QPSK	12	13	23.11	23.21	23.22	23.11	23.00		
5	QPSK	25	0	23.07	23.19	23.18	23.07	23.01		
5	16QAM	1	0	22.93	23.10	23.23	22.98	22.91	23.8	0
5	16QAM	1	12	23.11	23.17	23.24	23.11	22.97		
5	16QAM	1	24	23.14	23.30	23.15	23.10	23.11		
5	16QAM	12	0	22.03	22.14	22.28	22.07	21.94	22.8	1
5	16QAM	12	7	22.06	22.14	22.20	22.13	22.03		
5	16QAM	12	13	22.17	22.23	22.26	22.15	22.01		
5	16QAM	25	0	22.07	22.23	22.17	22.05	21.98		
5	64QAM	1	0	21.71	21.80	21.93	21.77	21.66	22.8	1
5	64QAM	1	12	21.92	21.91	22.03	21.85	21.70		
5	64QAM	1	24	21.89	22.05	21.86	21.83	21.75		
5	64QAM	12	0	21.08	21.14	21.18	21.08	20.96	21.8	2
5	64QAM	12	7	21.14	21.13	21.17	21.12	20.95		
5	64QAM	12	13	21.12	21.24	21.25	21.16	21.09		
5	64QAM	25	0	21.11	21.23	21.20	21.05	20.98		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.93	18.97	19.03	18.84	18.97	19.8	0
20	QPSK	1	49	18.86	18.71	18.84	18.67	18.83		
20	QPSK	1	99	18.92	18.78	18.71	18.75	18.79		
20	QPSK	50	0	18.83	18.90	18.96	18.79	18.91	19.8	0
20	QPSK	50	24	18.81	18.89	18.92	18.75	18.89		
20	QPSK	50	50	18.78	18.83	18.88	18.77	18.90		
20	QPSK	100	0	18.83	18.85	18.86	18.73	18.74		
20	16QAM	1	0	18.83	18.81	18.85	18.77	18.83	19.8	0
20	16QAM	1	49	18.80	18.86	18.67	18.71	18.69		
20	16QAM	1	99	18.79	18.73	18.81	18.59	18.82		
20	16QAM	50	0	18.81	18.77	18.70	18.68	18.71	19.8	0
20	16QAM	50	24	18.86	18.73	18.62	18.88	18.75		
20	16QAM	50	50	18.77	18.82	18.81	18.69	18.75		
20	16QAM	100	0	18.83	18.81	18.88	18.77	18.89		
20	64QAM	1	0	18.76	18.76	18.78	18.66	18.75	19.8	0
20	64QAM	1	49	18.86	18.72	18.78	18.80	18.76		
20	64QAM	1	99	18.89	18.83	18.62	18.61	18.63		
20	64QAM	50	0	18.82	18.77	18.86	18.58	18.85	19.8	0
20	64QAM	50	24	18.84	18.83	18.73	18.67	18.69		
20	64QAM	50	50	18.83	18.82	18.85	18.82	18.83		
20	64QAM	100	0	18.82	18.75	18.77	18.75	18.74		
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	19.00	19.06	18.86	18.86	18.73	19.8	0
15	QPSK	1	37	18.83	18.68	18.82	18.58	18.85		
15	QPSK	1	74	18.85	18.82	18.73	18.66	18.77		
15	QPSK	36	0	18.76	18.86	18.71	18.89	18.72	19.8	0
15	QPSK	36	20	18.75	18.74	18.70	18.79	18.81		
15	QPSK	36	39	18.77	18.88	18.89	18.67	18.87		
15	QPSK	75	0	18.81	18.79	18.73	18.69	18.83		
15	16QAM	1	0	18.89	18.80	18.78	18.69	18.83	19.8	0
15	16QAM	1	37	18.80	18.83	18.71	18.73	18.74		
15	16QAM	1	74	18.71	18.68	18.84	18.63	18.88		
15	16QAM	36	0	18.81	18.74	18.71	18.63	18.75	19.8	0
15	16QAM	36	20	18.85	18.77	18.68	18.88	18.74		
15	16QAM	36	39	18.81	18.84	18.78	18.81	18.79		
15	16QAM	75	0	18.73	18.76	18.85	18.67	18.88		
15	64QAM	1	0	18.80	18.79	18.72	18.73	18.74	19.8	0
15	64QAM	1	37	18.81	18.84	18.74	18.75	18.76		
15	64QAM	1	74	18.71	18.76	18.63	18.69	18.74		
15	64QAM	36	0	18.81	18.72	18.85	18.56	18.83	19.8	0
15	64QAM	36	20	18.79	18.86	18.72	18.73	18.61		
15	64QAM	36	39	18.84	18.83	18.85	18.79	18.87		
15	64QAM	75	0	18.85	18.82	18.70	18.76	18.78		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.77	18.76	18.70	18.86	18.85	19.8	0
10	QPSK	1	25	18.81	18.76	18.87	18.67	18.80		
10	QPSK	1	49	18.83	18.84	18.75	18.71	18.84		
10	QPSK	25	0	18.80	18.79	18.74	18.83	18.87	19.8	0
10	QPSK	25	12	18.75	18.78	18.70	18.79	18.87		
10	QPSK	25	25	18.76	18.86	18.85	18.67	18.85		
10	QPSK	50	0	18.77	18.89	18.73	18.75	18.78		
10	16QAM	1	0	18.80	18.75	18.78	18.72	18.79	19.8	0
10	16QAM	1	25	18.89	18.83	18.66	18.70	18.70		
10	16QAM	1	49	18.78	18.77	18.80	18.68	18.80		
10	16QAM	25	0	18.77	18.71	18.71	18.60	18.68	19.8	0
10	16QAM	25	12	18.86	18.74	18.71	18.87	18.69		
10	16QAM	25	25	18.78	18.84	18.77	18.74	18.71		
10	16QAM	50	0	18.80	18.87	18.71	18.74	18.88		
10	64QAM	1	0	18.75	18.89	18.83	18.74	18.79	19.8	0
10	64QAM	1	25	18.78	18.77	18.79	18.79	18.82		
10	64QAM	1	49	18.72	18.83	18.69	18.66	18.63		
10	64QAM	25	0	18.78	18.67	18.82	18.68	18.80	19.8	0
10	64QAM	25	12	18.85	18.79	18.62	18.74	18.68		
10	64QAM	25	25	18.89	18.70	18.86	18.79	18.79		
10	64QAM	50	0	18.83	18.70	18.70	18.76	18.78		
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	19.06	18.75	18.77	18.74	19.8	0
5	QPSK	1	12	18.78	18.73	18.79	18.61	18.86		
5	QPSK	1	24	18.83	18.80	18.76	18.78	18.83		
5	QPSK	12	0	18.80	18.77	18.73	18.80	18.89	19.8	0
5	QPSK	12	7	18.84	18.73	18.73	18.84	18.70		
5	QPSK	12	13	18.73	18.88	18.89	18.72	18.85		
5	QPSK	25	0	18.84	18.83	18.79	18.72	18.85		
5	16QAM	1	0	18.77	18.78	18.80	18.68	18.87	19.8	0
5	16QAM	1	12	18.80	18.84	18.76	18.74	18.75		
5	16QAM	1	24	18.85	18.79	18.80	18.65	18.80		
5	16QAM	12	0	18.79	18.72	18.71	18.58	18.65	19.8	0
5	16QAM	12	7	18.82	18.79	18.63	18.82	18.66		
5	16QAM	12	13	18.86	18.79	18.77	18.70	18.72		
5	16QAM	25	0	18.85	18.88	18.87	18.73	18.82		
5	64QAM	1	0	18.74	18.88	18.79	18.66	18.76	19.8	0
5	64QAM	1	12	18.83	18.73	18.79	18.79	18.78		
5	64QAM	1	24	18.84	18.80	18.75	18.63	18.70		
5	64QAM	12	0	18.86	18.68	18.83	18.68	18.84	19.8	0
5	64QAM	12	7	18.81	18.87	18.68	18.68	18.74		
5	64QAM	12	13	18.86	18.88	18.76	18.79	18.81		
5	64QAM	25	0	18.79	18.87	18.79	18.84	18.76		

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.78	22.68	22.80	22.68	22.57	23.6	0
20	QPSK	1	49	22.77	22.50	22.79	22.67	22.52		
20	QPSK	1	99	22.57	22.67	22.69	22.57	22.56		
20	QPSK	50	0	22.26	22.19	22.28	22.16	22.23	23.1	0.5
20	QPSK	50	24	22.25	22.08	22.23	22.13	22.15		
20	QPSK	50	50	22.23	22.17	22.24	22.11	22.20		
20	QPSK	100	0	22.24	22.10	22.25	22.12	22.16		
20	16QAM	1	0	22.30	22.05	22.28	22.16	22.13	23.1	0.5
20	16QAM	1	49	22.27	22.13	22.30	22.15	22.15		
20	16QAM	1	99	22.21	22.27	22.30	22.15	22.26		
20	16QAM	50	0	21.25	21.07	21.24	21.18	21.15	22.1	1.5
20	16QAM	50	24	21.23	21.09	21.23	21.14	21.17		
20	16QAM	50	50	21.22	21.18	21.26	21.12	21.24		
20	16QAM	100	0	21.23	21.11	21.23	21.15	21.16		
20	64QAM	1	0	21.01	20.74	20.99	20.95	20.85	22.1	1.5
20	64QAM	1	49	21.02	20.89	20.98	20.89	20.88		
20	64QAM	1	99	20.95	20.96	21.01	20.87	20.98		
20	64QAM	50	0	20.26	20.05	20.23	20.17	20.12	21.1	2.5
20	64QAM	50	24	20.25	20.10	20.26	20.13	20.17		
20	64QAM	50	50	20.22	20.17	20.27	20.12	20.23		
20	64QAM	100	0	20.26	20.11	20.24	20.16	20.15		
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	22.73	22.61	22.68	22.54	22.49	23.6	0
15	QPSK	1	37	22.64	22.37	22.58	22.51	22.35		
15	QPSK	1	74	22.57	22.53	22.69	22.41	22.52		
15	QPSK	36	0	22.16	22.09	22.15	22.05	22.09	23.1	0.5
15	QPSK	36	20	22.12	21.97	22.09	22.00	22.06		
15	QPSK	36	39	22.17	22.01	22.14	22.04	22.15		
15	QPSK	75	0	22.11	21.94	22.20	22.00	22.11		
15	16QAM	1	0	22.16	21.92	22.16	22.01	21.98	23.1	0.5
15	16QAM	1	37	22.18	21.98	22.23	22.06	22.05		
15	16QAM	1	74	22.11	22.19	22.15	22.07	22.17		
15	16QAM	36	0	21.20	20.93	21.09	21.02	20.99	22.1	1.5
15	16QAM	36	20	21.16	21.00	21.18	20.99	21.03		
15	16QAM	36	39	21.12	21.03	21.20	20.99	21.15		
15	16QAM	75	0	21.15	20.98	21.13	21.04	21.00		
15	64QAM	1	0	20.93	20.61	20.86	20.87	20.79	22.1	1.5
15	64QAM	1	37	20.95	20.79	20.85	20.77	20.78		
15	64QAM	1	74	20.84	20.81	20.86	20.79	20.85		
15	64QAM	36	0	20.19	19.90	20.15	20.06	20.03	21.1	2.5
15	64QAM	36	20	20.15	20.00	20.17	20.02	20.05		
15	64QAM	36	39	20.12	20.11	20.15	19.99	20.13		
15	64QAM	75	0	20.11	20.06	20.15	20.04	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.61	22.53	22.69	22.56	22.50	23.6	0
10	QPSK	1	25	22.63	22.45	22.64	22.53	22.37		
10	QPSK	1	49	22.49	22.61	22.65	22.46	22.52		
10	QPSK	25	0	22.14	22.05	22.16	22.04	22.09	23.1	0.5
10	QPSK	25	12	22.18	21.92	22.18	21.98	22.06		
10	QPSK	25	25	22.17	22.08	22.09	21.97	22.15		
10	QPSK	50	0	22.12	21.98	22.18	22.03	22.02		
10	16QAM	1	0	22.22	21.97	22.17	22.10	22.00	23.1	0.5
10	16QAM	1	25	22.13	22.05	22.25	22.04	22.09		
10	16QAM	1	49	22.07	22.22	22.24	22.02	22.13		
10	16QAM	25	0	21.09	21.00	21.08	21.10	21.06	22.1	1.5
10	16QAM	25	12	21.16	20.99	21.11	21.07	21.07		
10	16QAM	25	25	21.13	21.07	21.19	21.03	21.14		
10	16QAM	50	0	21.13	21.05	21.16	21.09	21.06		
10	64QAM	1	0	20.88	20.65	20.92	20.79	20.72	22.1	1.5
10	64QAM	1	25	20.91	20.75	20.90	20.76	20.72		
10	64QAM	1	49	20.89	20.85	20.92	20.82	20.84		
10	64QAM	25	0	20.16	19.97	20.08	20.12	19.99	21.1	2.5
10	64QAM	25	12	20.14	20.04	20.11	20.04	20.01		
10	64QAM	25	25	20.15	20.08	20.11	20.04	20.14		
10	64QAM	50	0	20.12	19.96	20.16	20.01	20.01		
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	22.64	22.55	22.71	22.56	22.49	23.6	0
5	QPSK	1	12	22.70	22.48	22.63	22.51	22.42		
5	QPSK	1	24	22.49	22.60	22.63	22.47	22.45		
5	QPSK	12	0	22.30	22.07	22.14	22.14	22.21	23.1	0.5
5	QPSK	12	7	22.29	22.06	22.14	22.11	22.24		
5	QPSK	12	13	22.26	22.06	22.13	22.09	22.22		
5	QPSK	25	0	22.26	22.06	22.15	22.11	22.24		
5	16QAM	1	0	22.29	22.07	22.16	22.11	22.21	23.1	0.5
5	16QAM	1	12	22.32	22.12	22.18	22.13	22.25		
5	16QAM	1	24	22.29	22.16	22.17	22.13	22.26		
5	16QAM	12	0	21.27	21.03	21.12	21.11	21.21	22.1	1.5
5	16QAM	12	7	21.24	21.03	21.10	21.07	21.22		
5	16QAM	12	13	21.24	21.02	21.11	21.06	21.21		
5	16QAM	25	0	21.29	21.09	21.17	21.13	21.29		
5	64QAM	1	0	21.04	20.82	20.96	20.85	21.00	22.1	1.5
5	64QAM	1	12	21.04	20.83	20.95	20.85	21.00		
5	64QAM	1	24	21.02	20.86	20.97	20.82	20.99		
5	64QAM	12	0	20.28	20.11	20.17	20.13	20.22	21.1	2.5
5	64QAM	12	7	20.31	20.09	20.15	20.10	20.24		
5	64QAM	12	13	20.31	20.09	20.14	20.10	20.26		
5	64QAM	25	0	20.33	20.11	20.18	20.17	20.29		

Reduced Power Mode for ECI 2

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.21	32.40	32.35	33.50	23.21	23.40	23.35	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.38	32.34	33.50	23.20	23.38	23.34	24.50
GPRS/EDGE GMSK 2 Tx slots	30.20	30.33	30.31	31.00	24.20	24.33	24.31	25.00
GPRS/EDGE GMSK 3 Tx slots	28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.94
GPRS/EDGE GMSK 4 Tx slots	26.56	26.74	26.71	28.00	23.56	23.74	23.71	25.00
EDGE 8PSK 1 Tx slot	26.30	26.33	26.30	28.00	17.30	17.33	17.30	19.00
EDGE 8PSK 2 Tx slots	25.05	25.08	25.23	26.00	19.05	19.08	19.23	20.00
EDGE 8PSK 3 Tx slots	22.95	22.98	23.05	24.00	18.69	18.72	18.79	19.74
EDGE 8PSK 4 Tx slots	21.67	21.68	21.78	23.00	18.67	18.68	18.78	20.00

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	23.45	23.38	23.54	25.00	14.45	14.38	14.54	16.00
GPRS/EDGE GMSK 1 Tx slot	23.44	23.36	23.52	25.00	14.44	14.36	14.52	16.00
GPRS/EDGE GMSK 2 Tx slots	23.44	23.36	23.53	25.00	17.44	17.36	17.53	19.00
GPRS/EDGE GMSK 3 Tx slots	23.42	23.50	23.51	25.00	19.16	19.24	19.25	20.74
GPRS/EDGE GMSK 4 Tx slots	23.39	23.49	23.48	25.00	20.39	20.49	20.48	22.00
EDGE 8PSK 1 Tx slot	16.14	16.17	16.06	17.00	7.14	7.17	7.06	8.00
EDGE 8PSK 2 Tx slots	15.91	16.02	15.95	17.00	9.91	10.02	9.95	11.00
EDGE 8PSK 3 Tx slots	15.80	15.89	15.87	17.00	11.54	11.63	11.61	12.74
EDGE 8PSK 4 Tx slots	15.59	15.65	15.54	17.00	12.59	12.65	12.54	14.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.59	29.63	29.56	30.50	20.59	20.63	20.56	21.50
GPRS/EDGE GMSK 1 Tx slot	29.58	29.61	29.54	30.50	20.58	20.61	20.54	21.50
GPRS/EDGE GMSK 2 Tx slots	26.62	26.64	26.61	28.00	20.62	20.64	20.61	22.00
GPRS/EDGE GMSK 3 Tx slots	24.90	24.91	24.87	26.00	20.64	20.65	20.61	21.74
GPRS/EDGE GMSK 4 Tx slots	23.15	23.16	23.13	24.00	20.15	20.16	20.13	21.00
EDGE 8PSK 1 Tx slot	26.40	26.26	26.23	27.00	17.40	17.26	17.23	18.00
EDGE 8PSK 2 Tx slots	24.90	24.89	24.88	26.00	18.90	18.89	18.88	20.00
EDGE 8PSK 3 Tx slots	22.85	22.78	22.73	23.50	18.59	18.52	18.47	19.24
EDGE 8PSK 4 Tx slots	21.40	21.36	21.33	22.50	18.40	18.36	18.33	19.50

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	19.99	20.14	20.12	21.00	10.99	11.14	11.12	12.00
GPRS/EDGE GMSK 1 Tx slot	19.98	20.13	20.11	21.00	10.98	11.13	11.11	12.00
GPRS/EDGE GMSK 2 Tx slots	19.97	20.14	20.12	21.00	13.97	14.14	14.12	15.00
GPRS/EDGE GMSK 3 Tx slots	19.98	20.15	20.12	21.00	15.72	15.89	15.86	16.74
GPRS/EDGE GMSK 4 Tx slots	19.99	20.15	20.12	21.00	16.99	17.15	17.12	18.00
EDGE 8PSK 1 Tx slot	15.56	15.59	15.41	16.50	6.56	6.59	6.41	7.50
EDGE 8PSK 2 Tx slots	15.33	15.40	15.28	16.50	9.33	9.40	9.28	10.50
EDGE 8PSK 3 Tx slots	15.17	15.19	15.18	16.50	10.91	10.93	10.92	12.24
EDGE 8PSK 4 Tx slots	15.01	15.00	15.01	16.50	12.01	12.00	12.01	13.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.86	23.88	23.85	24.80	16.78	16.79	16.66	17.80
3GPP Rel 99	RMC 12.2Kbps	23.88	23.90	23.87	24.80	16.81	16.82	16.69	17.80
3GPP Rel 6	HSDPA Subtest-1	22.88	22.95	23.01	23.80	15.90	16.04	15.93	16.80
3GPP Rel 6	HSDPA Subtest-2	22.92	22.96	22.99	23.80	15.85	15.93	15.87	16.80
3GPP Rel 6	HSDPA Subtest-3	22.47	22.50	22.56	23.30	15.46	15.46	15.47	16.30
3GPP Rel 6	HSDPA Subtest-4	22.43	22.46	22.48	23.30	15.47	15.48	15.44	16.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.81	22.85	22.86	23.80	15.83	15.81	15.80	16.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.88	22.83	23.80	15.83	15.85	15.85	16.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.40	22.35	22.45	23.30	15.31	15.45	15.31	16.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.29	22.40	22.36	23.30	15.29	15.40	15.35	16.30
3GPP Rel 6	HSUPA Subtest-1	20.38	20.40	20.36	21.80	13.28	13.29	13.27	14.80
3GPP Rel 6	HSUPA Subtest-2	20.33	20.35	20.33	21.80	13.21	13.08	13.17	14.80
3GPP Rel 6	HSUPA Subtest-3	22.38	22.35	22.33	22.80	15.25	15.19	15.26	15.80
3GPP Rel 6	HSUPA Subtest-4	20.35	20.36	20.31	21.80	13.22	13.21	13.14	14.80
3GPP Rel 6	HSUPA Subtest-5	22.40	22.42	22.35	22.80	15.33	15.25	15.14	15.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.85	22.88	22.80	23.30	15.88	15.98	15.80	16.30

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.03	23.97	24.80	18.07	18.09	18.01	18.80
3GPP Rel 99	RMC 12.2Kbps	24.01	24.07	23.98	24.80	18.08	18.10	18.04	18.80
3GPP Rel 6	HSDPA Subtest-1	23.07	23.13	23.03	23.80	17.16	17.16	17.04	17.80
3GPP Rel 6	HSDPA Subtest-2	23.07	23.11	23.01	23.80	17.08	17.08	17.04	17.80
3GPP Rel 6	HSDPA Subtest-3	22.57	22.68	22.55	23.30	16.69	16.73	16.59	17.30
3GPP Rel 6	HSDPA Subtest-4	22.56	22.61	22.51	23.30	16.64	16.69	16.63	17.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.95	22.97	22.88	23.80	17.08	17.07	17.05	17.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.91	23.05	22.95	23.80	16.98	17.04	16.96	17.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.46	22.55	22.46	23.30	16.66	16.56	16.49	17.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.48	22.55	22.45	23.30	16.60	16.60	16.40	17.30
3GPP Rel 6	HSUPA Subtest-1	20.57	20.58	20.55	21.80	14.48	14.58	14.50	15.80
3GPP Rel 6	HSUPA Subtest-2	20.52	20.55	20.50	21.80	14.49	14.47	14.38	15.80
3GPP Rel 6	HSUPA Subtest-3	22.53	22.55	22.50	22.80	16.46	16.47	16.38	16.80
3GPP Rel 6	HSUPA Subtest-4	20.55	20.56	20.52	21.80	14.48	14.44	14.48	15.80
3GPP Rel 6	HSUPA Subtest-5	22.55	22.57	22.53	22.80	16.45	16.48	16.36	16.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.26	22.30	22.23	23.30	16.27	16.21	16.19	17.30

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	23.70	23.72	23.67	24.80	20.07	20.14	20.13	21.30
3GPP Rel 99	RMC 12.2Kbps	23.73	23.75	23.71	24.80	20.13	20.15	20.14	21.30
3GPP Rel 6	HSDPA Subtest-1	22.81	22.74	22.79	23.80	19.10	19.04	19.17	20.30
3GPP Rel 6	HSDPA Subtest-2	22.79	22.79	22.78	23.80	19.19	19.09	19.19	20.30
3GPP Rel 6	HSDPA Subtest-3	22.34	22.36	22.35	23.30	18.71	18.69	18.62	19.80
3GPP Rel 6	HSDPA Subtest-4	22.32	22.30	22.28	23.30	18.70	18.62	18.62	19.80
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	19.04	19.02	18.99	20.30
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	19.04	18.99	18.96	20.30
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	18.67	18.55	18.51	19.80
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	18.56	18.57	18.49	19.80
3GPP Rel 6	HSUPA Subtest-1	20.45	20.48	20.42	21.80	16.80	16.77	16.76	18.30
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.40	21.80	16.80	16.83	16.81	18.30
3GPP Rel 6	HSUPA Subtest-3	22.45	22.46	22.43	22.80	18.85	18.68	18.76	19.30
3GPP Rel 6	HSUPA Subtest-4	20.40	20.43	20.41	21.80	16.82	16.74	16.74	18.30
3GPP Rel 6	HSUPA Subtest-5	22.50	22.55	22.52	22.80	18.84	18.87	18.76	19.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.62	21.65	21.60	23.30	18.14	18.16	18.05	19.80

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.02	23.05	23.01	23.8	0
20	QPSK	1	49	23.00	23.01	22.99		
20	QPSK	1	99	22.86	22.88	22.99		
20	QPSK	50	0	22.03	22.08	22.05	22.8	1
20	QPSK	50	24	21.97	21.97	22.03		
20	QPSK	50	50	21.94	21.96	21.99		
20	QPSK	100	0	21.93	22.05	22.03		
20	16QAM	1	0	22.30	22.27	22.29	22.8	1
20	16QAM	1	49	22.25	22.31	22.30		
20	16QAM	1	99	22.16	22.20	22.23		
20	16QAM	50	0	20.92	21.00	21.04	21.8	2
20	16QAM	50	24	20.96	20.96	21.05		
20	16QAM	50	50	20.92	20.96	21.00		
20	16QAM	100	0	20.91	20.99	21.02		
20	64QAM	1	0	21.11	21.14	21.12	21.8	2
20	64QAM	1	49	21.07	21.17	21.12		
20	64QAM	1	99	20.97	21.03	21.06		
20	64QAM	50	0	19.92	19.97	20.04	20.8	3
20	64QAM	50	24	19.96	19.96	20.03		
20	64QAM	50	50	19.92	19.95	20.00		
20	64QAM	100	0	19.92	19.97	20.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.87	22.96	22.90	23.8	0
15	QPSK	1	37	22.89	22.94	22.83		
15	QPSK	1	74	22.71	22.73	22.89		
15	QPSK	36	0	21.91	21.92	21.96	22.8	1
15	QPSK	36	20	21.89	21.85	21.92		
15	QPSK	36	39	21.86	21.88	21.85		
15	QPSK	75	0	21.84	21.92	21.93		
15	16QAM	1	0	22.17	22.15	22.15	22.8	1
15	16QAM	1	37	22.18	22.22	22.20		
15	16QAM	1	74	22.03	22.04	22.08		
15	16QAM	36	0	20.86	20.85	20.90	21.8	2
15	16QAM	36	20	20.88	20.82	20.98		
15	16QAM	36	39	20.86	20.88	20.87		
15	16QAM	75	0	20.87	20.83	20.88		
15	64QAM	1	0	21.00	21.08	21.04	21.8	2
15	64QAM	1	37	20.93	21.01	21.06		
15	64QAM	1	74	20.86	20.97	20.92		
15	64QAM	36	0	19.78	19.86	19.88	20.8	3
15	64QAM	36	20	19.91	19.81	19.90		
15	64QAM	36	39	19.81	19.81	19.86		
15	64QAM	75	0	19.80	19.82	19.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.91	22.89	22.87	23.8	0
10	QPSK	1	25	22.85	22.89	22.92		
10	QPSK	1	49	22.77	22.79	22.88		
10	QPSK	25	0	21.89	21.97	21.92	22.8	1
10	QPSK	25	12	21.92	21.82	21.93		
10	QPSK	25	25	21.80	21.88	21.86		
10	QPSK	50	0	21.77	21.95	21.97		
10	16QAM	1	0	22.15	22.16	22.20	22.8	1
10	16QAM	1	25	22.14	22.15	22.14		
10	16QAM	1	49	22.02	22.06	22.17		
10	16QAM	25	0	20.90	20.90	20.91	21.8	2
10	16QAM	25	12	20.91	20.80	20.95		
10	16QAM	25	25	20.89	20.85	20.87		
10	16QAM	50	0	20.87	20.85	20.97		
10	64QAM	1	0	21.04	20.99	21.07	21.8	2
10	64QAM	1	25	20.95	21.08	21.04		
10	64QAM	1	49	20.90	20.92	20.99		
10	64QAM	25	0	19.82	19.81	19.98	20.8	3
10	64QAM	25	12	19.81	19.85	19.89		
10	64QAM	25	25	19.87	19.81	19.95		
10	64QAM	50	0	19.84	19.82	19.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.89	22.94	22.96	23.8	0
5	QPSK	1	12	22.95	22.86	22.83		
5	QPSK	1	24	22.80	22.74	22.89		
5	QPSK	12	0	21.87	21.95	21.89	22.8	1
5	QPSK	12	7	21.89	21.85	21.87		
5	QPSK	12	13	21.79	21.87	21.93		
5	QPSK	25	0	21.78	21.99	21.89		
5	16QAM	1	0	22.23	22.18	22.17	22.8	1
5	16QAM	1	12	22.18	22.26	22.25		
5	16QAM	1	24	22.06	22.05	22.13		
5	16QAM	12	0	20.87	20.89	20.90	21.8	2
5	16QAM	12	7	20.94	20.86	20.93		
5	16QAM	12	13	20.88	20.81	20.87		
5	16QAM	25	0	20.85	20.91	20.94		
5	64QAM	1	0	21.00	21.09	21.07	21.8	2
5	64QAM	1	12	21.02	21.02	20.96		
5	64QAM	1	24	20.89	20.90	20.98		
5	64QAM	12	0	19.85	19.81	19.98	20.8	3
5	64QAM	12	7	19.90	19.89	19.94		
5	64QAM	12	13	19.78	19.81	19.84		
5	64QAM	25	0	19.76	19.91	19.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.94	22.93	22.95	23.8	0
3	QPSK	1	8	22.90	22.85	22.91		
3	QPSK	1	14	22.81	22.80	22.86		
3	QPSK	8	0	21.97	21.98	21.99	22.8	1
3	QPSK	8	4	21.83	21.86	21.90		
3	QPSK	8	7	21.80	21.85	21.87		
3	QPSK	15	0	21.87	21.98	21.90		
3	16QAM	1	0	22.20	22.17	22.14	22.8	1
3	16QAM	1	8	22.17	22.16	22.16		
3	16QAM	1	14	22.01	22.10	22.16		
3	16QAM	8	0	20.87	20.89	20.90	21.8	2
3	16QAM	8	4	20.92	20.85	20.99		
3	16QAM	8	7	20.86	20.90	20.89		
3	16QAM	15	0	20.83	20.91	20.91		
3	64QAM	1	0	20.97	21.07	20.99	21.8	2
3	64QAM	1	8	20.93	21.12	21.02		
3	64QAM	1	14	20.85	20.95	20.97		
3	64QAM	8	0	19.84	19.81	19.93	20.8	3
3	64QAM	8	4	19.88	19.85	19.88		
3	64QAM	8	7	19.87	19.81	19.95		
3	64QAM	15	0	19.84	19.83	19.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.92	22.93	22.86	23.8	0
1.4	QPSK	1	3	22.94	22.91	22.94		
1.4	QPSK	1	5	22.73	22.73	22.86		
1.4	QPSK	3	0	22.94	22.95	22.95		
1.4	QPSK	3	1	22.84	22.88	22.94		
1.4	QPSK	3	3	22.75	22.75	22.90		
1.4	QPSK	6	0	21.98	21.95	21.91	22.8	1
1.4	16QAM	1	0	21.84	21.82	21.94	22.8	1
1.4	16QAM	1	3	21.89	21.80	21.93		
1.4	16QAM	1	5	21.85	21.97	21.90		
1.4	16QAM	3	0	22.19	22.14	22.15		
1.4	16QAM	3	1	22.19	22.16	22.17		
1.4	16QAM	3	3	22.03	22.13	22.07		
1.4	16QAM	6	0	20.90	20.88	20.94	21.8	2
1.4	64QAM	1	0	20.92	20.88	20.91	21.8	2
1.4	64QAM	1	3	20.89	20.91	20.95		
1.4	64QAM	1	5	20.87	20.93	20.91		
1.4	64QAM	3	0	20.97	21.07	20.96		
1.4	64QAM	3	1	21.01	21.07	21.04		
1.4	64QAM	3	3	20.85	20.88	20.95		
1.4	64QAM	6	0	19.80	19.83	19.93	20.8	3

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	17.14	17.16	17.04	17.8	0
20	QPSK	1	49	17.01	17.10	17.03		
20	QPSK	1	99	17.08	17.10	16.93		
20	QPSK	50	0	17.13	17.14	17.03	17.8	0
20	QPSK	50	24	17.05	17.07	16.95		
20	QPSK	50	50	17.10	17.10	16.96		
20	QPSK	100	0	17.05	17.10	17.02		
20	16QAM	1	0	17.06	17.00	16.97	17.8	0
20	16QAM	1	49	17.08	17.06	16.94		
20	16QAM	1	99	17.01	17.02	16.99		
20	16QAM	50	0	17.02	17.09	17.02	17.8	0
20	16QAM	50	24	17.04	17.00	16.96		
20	16QAM	50	50	17.07	17.01	16.98		
20	16QAM	100	0	17.08	17.02	16.94		
20	64QAM	1	0	17.02	17.00	16.91	17.8	0
20	64QAM	1	49	17.05	16.98	16.93		
20	64QAM	1	99	17.01	17.01	16.92		
20	64QAM	50	0	17.03	16.99	16.95	17.8	0
20	64QAM	50	24	17.03	17.06	17.03		
20	64QAM	50	50	17.05	17.09	16.92		
20	64QAM	100	0	17.04	17.08	17.02		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	17.07	17.07	16.93	17.8	0
15	QPSK	1	37	17.06	17.00	17.03		
15	QPSK	1	74	17.04	17.02	17.04		
15	QPSK	36	0	17.03	16.99	16.96	17.8	0
15	QPSK	36	20	17.03	16.98	17.02		
15	QPSK	36	39	17.01	16.99	16.93		
15	QPSK	75	0	17.00	17.00	16.92		
15	16QAM	1	0	17.04	16.98	17.00	17.8	0
15	16QAM	1	37	17.02	17.09	16.94		
15	16QAM	1	74	17.04	16.99	16.96		
15	16QAM	36	0	17.01	17.08	17.03	17.8	0
15	16QAM	36	20	17.03	16.99	16.96		
15	16QAM	36	39	17.01	17.01	17.03		
15	16QAM	75	0	17.01	17.03	16.99		
15	64QAM	1	0	17.00	17.02	16.94	17.8	0
15	64QAM	1	37	17.07	16.98	17.03		
15	64QAM	1	74	17.09	16.98	17.03		
15	64QAM	36	0	17.04	16.99	16.98	17.8	0
15	64QAM	36	20	17.08	17.03	16.97		
15	64QAM	36	39	17.02	17.09	16.91		
15	64QAM	75	0	17.09	16.99	16.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	17.02	17.08	16.93	17.8	0
10	QPSK	1	25	17.00	17.01	17.00		
10	QPSK	1	49	17.00	17.01	16.92		
10	QPSK	25	0	17.02	17.04	16.97	17.8	0
10	QPSK	25	12	17.01	17.01	17.03		
10	QPSK	25	25	17.03	17.03	16.91		
10	QPSK	50	0	17.02	17.08	16.94		
10	16QAM	1	0	17.08	17.00	16.95	17.8	0
10	16QAM	1	25	17.04	17.05	16.99		
10	16QAM	1	49	17.00	17.00	16.91		
10	16QAM	25	0	17.04	17.08	16.98	17.8	0
10	16QAM	25	12	17.01	16.99	16.92		
10	16QAM	25	25	17.02	17.05	16.97		
10	16QAM	50	0	17.08	17.00	16.99		
10	64QAM	1	0	17.03	17.01	16.98	17.8	0
10	64QAM	1	25	17.04	17.08	17.02		
10	64QAM	1	49	17.03	17.06	16.98		
10	64QAM	25	0	17.01	17.00	17.04	17.8	0
10	64QAM	25	12	17.07	17.00	16.93		
10	64QAM	25	25	17.04	17.00	16.99		
10	64QAM	50	0	17.08	17.01	17.00		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	17.01	17.01	17.00	17.8	0
5	QPSK	1	12	17.00	17.01	16.92		
5	QPSK	1	24	17.01	17.06	16.94		
5	QPSK	12	0	17.04	16.99	16.91	17.8	0
5	QPSK	12	7	17.05	16.98	16.91		
5	QPSK	12	13	17.02	17.07	16.92		
5	QPSK	25	0	17.07	17.08	16.99		
5	16QAM	1	0	17.05	17.01	16.96	17.8	0
5	16QAM	1	12	17.04	17.02	16.92		
5	16QAM	1	24	17.03	17.00	17.01		
5	16QAM	12	0	17.03	17.03	16.93	17.8	0
5	16QAM	12	7	17.04	17.06	17.04		
5	16QAM	12	13	17.08	17.01	17.00		
5	16QAM	25	0	17.02	17.03	17.04		
5	64QAM	1	0	17.04	17.05	17.01	17.8	0
5	64QAM	1	12	17.09	16.98	16.99		
5	64QAM	1	24	17.04	16.99	17.01		
5	64QAM	12	0	17.01	17.00	16.93	17.8	0
5	64QAM	12	7	17.03	17.06	17.04		
5	64QAM	12	13	17.01	17.06	16.92		
5	64QAM	25	0	17.01	17.01	16.93		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	17.03	17.06	17.03	17.8	0
3	QPSK	1	8	17.02	17.01	17.01		
3	QPSK	1	14	17.05	17.02	16.94		
3	QPSK	8	0	17.04	16.99	16.95	17.8	0
3	QPSK	8	4	17.09	17.06	17.02		
3	QPSK	8	7	17.08	17.07	16.96		
3	QPSK	15	0	17.02	17.01	17.01		
3	16QAM	1	0	17.07	17.00	17.02	17.8	0
3	16QAM	1	8	17.00	17.02	16.97		
3	16QAM	1	14	17.00	17.04	17.04		
3	16QAM	8	0	17.04	16.99	17.00	17.8	0
3	16QAM	8	4	17.02	17.06	17.03		
3	16QAM	8	7	17.03	17.08	17.02		
3	16QAM	15	0	17.04	16.99	16.98		
3	64QAM	1	0	17.05	17.05	17.01	17.8	0
3	64QAM	1	8	17.05	17.06	16.99		
3	64QAM	1	14	17.04	17.07	16.95		
3	64QAM	8	0	17.02	17.01	16.93	17.8	0
3	64QAM	8	4	17.05	17.06	16.92		
3	64QAM	8	7	17.04	17.01	16.91		
3	64QAM	15	0	17.06	17.01	17.03		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	17.02	17.07	17.04	17.8	0
1.4	QPSK	1	3	17.04	17.07	16.91		
1.4	QPSK	1	5	17.01	17.05	17.01		
1.4	QPSK	3	0	17.04	17.00	16.96		
1.4	QPSK	3	1	17.07	17.02	16.98		
1.4	QPSK	3	3	17.05	17.09	16.97		
1.4	QPSK	6	0	17.02	17.00	17.01	17.8	0
1.4	16QAM	1	0	17.00	17.09	16.97	17.8	0
1.4	16QAM	1	3	17.04	17.06	16.92		
1.4	16QAM	1	5	17.05	17.07	16.92		
1.4	16QAM	3	0	17.04	17.02	17.01		
1.4	16QAM	3	1	17.08	17.01	16.92		
1.4	16QAM	3	3	17.04	17.01	16.95		
1.4	16QAM	6	0	17.02	16.98	16.95	17.8	0
1.4	64QAM	1	0	17.01	17.02	16.91	17.8	0
1.4	64QAM	1	3	17.06	17.02	16.99		
1.4	64QAM	1	5	17.03	17.00	16.92		
1.4	64QAM	3	0	17.06	17.06	16.92		
1.4	64QAM	3	1	17.00	17.09	16.91		
1.4	64QAM	3	3	17.03	17.08	16.96		
1.4	64QAM	6	0	17.06	17.00	16.99	17.8	0

Band 2_Ant 4(ENDC)

BW [MHz]	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	21.98	22.02	21.97	23.3	0
20	QPSK	1	49	21.96	21.97	21.89		
20	QPSK	1	99	21.93	21.94	21.89		
20	QPSK	50	0	20.96	20.98	20.93	22.3	1
20	QPSK	50	24	20.87	20.95	20.87		
20	QPSK	50	50	20.94	20.95	20.88		
20	QPSK	100	0	20.92	20.94	20.90		
20	16QAM	1	0	20.98	21.00	20.95	22.3	1
20	16QAM	1	49	20.93	20.92	20.92		
20	16QAM	1	99	20.90	20.92	20.86		
20	16QAM	50	0	19.88	19.89	19.86	21.3	2
20	16QAM	50	24	19.80	19.80	19.83		
20	16QAM	50	50	19.86	19.86	19.80		
20	16QAM	100	0	19.80	19.83	19.81		
20	64QAM	1	0	19.95	19.97	19.93	21.3	2
20	64QAM	1	49	19.91	19.93	19.90		
20	64QAM	1	99	19.87	19.94	19.87		
20	64QAM	50	0	18.82	18.84	18.80	20.3	3
20	64QAM	50	24	18.77	18.74	18.71		
20	64QAM	50	50	18.73	18.76	18.78		
20	64QAM	100	0	18.77	18.79	18.71		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.93	21.97	21.95	23.3	0
15	QPSK	1	37	21.91	21.89	21.80		
15	QPSK	1	74	21.85	21.90	21.84		
15	QPSK	36	0	20.90	20.91	20.84	22.3	1
15	QPSK	36	20	20.81	20.86	20.80		
15	QPSK	36	39	20.89	20.88	20.83		
15	QPSK	75	0	20.88	20.92	20.88		
15	16QAM	1	0	20.91	20.90	20.85	22.3	1
15	16QAM	1	37	20.91	20.88	20.87		
15	16QAM	1	74	20.80	20.89	20.81		
15	16QAM	36	0	19.86	19.80	19.84	21.3	2
15	16QAM	36	20	19.73	19.76	19.78		
15	16QAM	36	39	19.80	19.76	19.70		
15	16QAM	75	0	19.70	19.81	19.71		
15	64QAM	1	0	19.92	19.90	19.87	21.3	2
15	64QAM	1	37	19.87	19.88	19.86		
15	64QAM	1	74	19.81	19.87	19.78		
15	64QAM	36	0	18.76	18.75	18.74	20.3	3
15	64QAM	36	20	18.68	18.71	18.63		
15	64QAM	36	39	18.69	18.71	18.74		
15	64QAM	75	0	18.67	18.76	18.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.89	21.93	21.88	23.3	0
10	QPSK	1	25	21.93	21.93	21.81		
10	QPSK	1	49	21.90	21.92	21.82		
10	QPSK	25	0	20.94	20.91	20.88	22.3	1
10	QPSK	25	12	20.83	20.86	20.83		
10	QPSK	25	25	20.92	20.90	20.78		
10	QPSK	50	0	20.89	20.87	20.85		
10	16QAM	1	0	20.96	20.90	20.88	22.3	1
10	16QAM	1	25	20.84	20.85	20.82		
10	16QAM	1	49	20.81	20.89	20.82		
10	16QAM	25	0	19.80	19.82	19.76	21.3	2
10	16QAM	25	12	19.77	19.73	19.78		
10	16QAM	25	25	19.84	19.76	19.77		
10	16QAM	50	0	19.74	19.75	19.77		
10	64QAM	1	0	19.91	19.87	19.84	21.3	2
10	64QAM	1	25	19.81	19.89	19.84		
10	64QAM	1	49	19.84	19.90	19.81		
10	64QAM	25	0	18.76	18.77	18.72	20.3	3
10	64QAM	25	12	18.75	18.67	18.69		
10	64QAM	25	25	18.71	18.66	18.70		
10	64QAM	50	0	18.75	18.76	18.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.93	21.92	21.88	23.3	0
5	QPSK	1	12	21.90	21.93	21.81		
5	QPSK	1	24	21.84	21.87	21.87		
5	QPSK	12	0	20.86	20.88	20.84	22.3	1
5	QPSK	12	7	20.79	20.93	20.78		
5	QPSK	12	13	20.84	20.89	20.79		
5	QPSK	25	0	20.83	20.91	20.87		
5	16QAM	1	0	20.89	20.95	20.90	22.3	1
5	16QAM	1	12	20.83	20.83	20.83		
5	16QAM	1	24	20.88	20.90	20.79		
5	16QAM	12	0	19.85	19.85	19.76	21.3	2
5	16QAM	12	7	19.77	19.75	19.81		
5	16QAM	12	13	19.84	19.83	19.77		
5	16QAM	25	0	19.77	19.80	19.76		
5	64QAM	1	0	19.91	19.95	19.90	21.3	2
5	64QAM	1	12	19.84	19.85	19.81		
5	64QAM	1	24	19.81	19.90	19.79		
5	64QAM	12	0	18.80	18.76	18.71	20.3	3
5	64QAM	12	7	18.68	18.64	18.63		
5	64QAM	12	13	18.70	18.67	18.68		
5	64QAM	25	0	18.69	18.72	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.96	22.00	21.88	23.3	0
3	QPSK	1	8	21.94	21.89	21.84		
3	QPSK	1	14	21.89	21.85	21.83		
3	QPSK	8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.67	24.05	24.02		
20	QPSK	1	49	23.66	23.92	24.00	24.8	0
20	QPSK	1	99	23.66	23.95	23.96		
20	QPSK	50	0	22.78	23.15	23.10		
20	QPSK	50	24	22.70	22.90	23.07	23.8	1
20	QPSK	50	50	22.76	22.92	23.05		
20	QPSK	100	0	22.72	23.08	23.06		
20	16QAM	1	0	22.99	23.07	23.20		
20	16QAM	1	49	22.96	23.21	23.37	23.8	1
20	16QAM	1	99	22.95	23.25	23.24		
20	16QAM	50	0	21.68	21.81	22.10		
20	16QAM	50	24	21.70	21.88	22.09	22.8	2
20	16QAM	50	50	21.76	21.92	22.04		
20	16QAM	100	0	21.72	21.87	22.04		
20	64QAM	1	0	21.83	21.88	22.08		
20	64QAM	1	49	21.76	22.05	22.17	22.8	2
20	64QAM	1	99	21.78	22.07	22.06		
20	64QAM	50	0	20.68	20.78	21.07		
20	64QAM	50	24	20.71	20.86	21.08	21.8	3
20	64QAM	50	50	20.77	20.92	21.04		
20	64QAM	100	0	20.73	20.87	21.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.54	23.95	23.88		
15	QPSK	1	37	23.53	23.87	23.87	24.8	0
15	QPSK	1	74	23.56	23.81	23.81		
15	QPSK	36	0	22.72	23.00	22.98		
15	QPSK	36	20	22.54	22.84	22.91	23.8	1
15	QPSK	36	39	22.71	22.84	22.98		
15	QPSK	75	0	22.56	22.97	22.93		
15	16QAM	1	0	22.92	22.91	23.11		
15	16QAM	1	37	22.81	23.11	23.26	23.8	1
15	16QAM	1	74	22.85	23.11	23.13		
15	16QAM	36	0	21.60	21.65	22.02		
15	16QAM	36	20	21.63	21.78	22.02	22.8	2
15	16QAM	36	39	21.73	21.82	21.95		
15	16QAM	75	0	21.69	21.72	21.92		
15	64QAM	1	0	21.72	21.78	21.94		
15	64QAM	1	37	21.63	21.90	22.09	22.8	2
15	64QAM	1	74	21.68	21.98	22.01		
15	64QAM	36	0	20.53	20.63	20.91		
15	64QAM	36	20	20.61	20.74	20.94	21.8	3
15	64QAM	36	39	20.71	20.85	20.89		
15	64QAM	75	0	20.59	20.77	20.90		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.53	23.93	23.90		
10	QPSK	1	25	23.61	23.81	23.85	24.8	0
10	QPSK	1	49	23.53	23.79	23.83		
10	QPSK	25	0	22.67	23.00	23.02		
10	QPSK	25	12	22.56	22.82	23.02	23.8	1
10	QPSK	25	25	22.68	22.82	22.91		
10	QPSK	50	0	22.59	22.93	22.92		
10	16QAM	1	0	22.93	22.95	23.11		
10	16QAM	1	25	22.86	23.16	23.29	23.8	1
10	16QAM	1	49	22.79	23.18	23.12		
10	16QAM	25	0	21.63	21.74	21.96		
10	16QAM	25	12	21.68	21.76	22.01	22.8	2
10	16QAM	25	25	21.70	21.80	21.94		
10	16QAM	50	0	21.70	21.72	21.97		
10	64QAM	1	0	21.78	21.79	21.92		
10	64QAM	1	25	21.70	22.00	22.08	22.8	2
10	64QAM	1	49	21.68	21.92	21.93		
10	64QAM	25	0	20.61	20.66	21.02		
10	64QAM	25	12	20.55	20.73	20.92	21.8	3
10	64QAM	25	25	20.61	20.78	20.90		
10	64QAM	50	0	20.66	20.72	20.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.59	23.95	23.90		
5	QPSK	1	12	23.59	23.76	23.95	24.8	0
5	QPSK	1	24	23.57	23.87	23.90		
5	QPSK	12	0	22.65	23.02	22.99		
5	QPSK	12	7	22.58	22.75	22.93	23.8	1
5	QPSK	12	13	22.65	22.83	22.97		
5	QPSK	25	0	22.56	22.92	22.94		
5	16QAM	1	0	22.83	23.02	23.15		
5	16QAM	1	12	22.91	23.07	23.25	23.8	1
5	16QAM	1	24	22.83	23.14	23.12		
5	16QAM	12	0	21.63	21.66	21.96		
5	16QAM	12	7	21.63	21.82	21.98	22.8	2
5	16QAM	12	13	21.69	21.76	21.95		
5	16QAM	25	0	21.69	21.82	21.99		
5	64QAM	1	0	21.74	21.81	21.93		
5	64QAM	1	12	21.69	21.96	22.03	22.8	2
5	64QAM	1	24	21.72	21.92	21.90		
5	64QAM	12	0	20.58	20.64	20.98		
5	64QAM	12	7	20.55	20.75	20.93	21.8	3
5	64QAM	12	13	20.65	20.80	20.96		
5	64QAM	25	0	20.64	20.76	21.00		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.58	23.90	23.94		
3	QPSK	1	8	23.60	23.83	23.91	24.8	0
3	QPSK	1	14	23.56	23.85	23.81		
3	QPSK	8	0	22.63	23.05	22.95		
3	QPSK	8	4	22.60	22.82	22.97	23.8	1
3	QPSK	8	7	22.62	22.77	22.94		
3	QPSK	15	0	22.64	22.97	22.97		
3	16QAM	1	0	22.86	23.00	23.05		
3	16QAM	1	8	22.82	23.14	23.28	23.8	1
3	16QAM	1	14	22.83	23.14	23.12		
3	16QAM	8	0	21.62	21.76	21.96		
3	16QAM	8	4	21.68	21.72	21.99	22.8	2
3	16QAM	8	7	21.71	21.86	21.89		
3	16QAM	15	0	21.68	21.78	21.92		
3	64QAM	1	0	21.76	21.76	21.98		
3	64QAM	1	8	21.66	21.96	22.06	22.8	2
3	64QAM	1	14	21.68	22.02	21.94		
3	64QAM	8	0	20.53	20.64	21.02		
3	64QAM	8	4	20.58	20.77	20.95	21.8	3
3	64QAM	8	7	20.71	20.86	20.90		
3	64QAM	15	0	20.66	20.77	21.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.55	23.97	23.88		
1.4	QPSK	1	3	23.53	23.85	23.93		
1.4	QPSK	1	5	23.58	23.80	23.91	24.8	0
1.4	QPSK	3	0	23.62	23.92	23.88		
1.4	QPSK	3	1	23.52	23.87	23.93		
1.4	QPSK	3	3	23.55	23.86	23.91		
1.4	QPSK	6	0	22.67	23.03	23.01	23.8	1
1.4	16QAM	1	0	22.62	22.75	22.97		
1.4	16QAM	1	3	22.61	22.83	23.00		
1.4	16QAM	1	5	22.58	22.95	22.98	23.8	1
1.4	16QAM	3	0	22.86	22.98	23.13		
1.4	16QAM	3	1	22.81	23.16	23.30		
1.4	16QAM	3	3	22.82	23.18	23.17		
1.4	16QAM	6	0	21.63	21.71	22.00	22.8	2
1.4	64QAM	1	0	21.62	21.80	22.00		
1.4	64QAM	1	3	21.74	21.82	21.89		
1.4	64QAM	1	5	21.68	21.72	21.88	22.8	2
1.4	64QAM	3	0	21.78	21.78	22.00		
1.4	64QAM	3	1	21.62	21.90	22.05		
1.4	64QAM	3	3	21.70	21.91	22.00		
1.4	64QAM	6	0	20.54	20.65	20.95	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	17.94	18.10	17.95		
20	QPSK	1	49	17.69	17.94	17.93	18.8	0
20	QPSK	1	99	17.72	17.86	17.83		
20	QPSK	50	0	17.89	18.02	17.94		
20	QPSK	50	24	17.63	17.91	17.93	18.8	0
20	QPSK	50	50	17.63	17.89	17.91		
20	QPSK	100	0	17.72	17.96	17.88		
20	16QAM	1	0	17.68	17.87	17.84		
20	16QAM	1	49	17.70	17.86	17.93	18.8	0
20	16QAM	1	99	17.66	17.88	17.87		
20	16QAM	50	0	17.63	17.89	17.87		
20	16QAM	50	24	17.72	17.83	17.83	18.8	0
20	16QAM	50	50	17.64	17.95	17.88		
20	16QAM	100	0	17.76	17.92	17.85		
20	64QAM	1	0	17.67	17.83	17.89		
20	64QAM	1	49	17.68	17.88	17.93	18.8	0
20	64QAM	1	99	17.69	17.93	17.85		
20	64QAM	50	0	17.72	17.93	17.81		
20	64QAM	50	24	17.66	17.84	17.87	18.8	0
20	64QAM	50	50	17.65	17.84	17.90		
20	64QAM	100	0	17.68	17.93	17.82		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	17.71	17.84	17.86		
15	QPSK	1	37	17.64	17.90	17.92	18.8	0
15	QPSK	1	74	17.64	17.91	17.86		
15	QPSK	36	0	17.67	17.83	17.88		
15	QPSK	36	20	17.66	17.94	17.88	18.8	0
15	QPSK	36	39	17.66	17.83	17.91		
15	QPSK	75	0	17.75	17.86	17.85		
15	16QAM	1	0	17.73	17.90	17.91		
15	16QAM	1	37	17.64	17.89	17.90	18.8	0
15	16QAM	1	74	17.66	17.93	17.81		
15	16QAM	36	0	17.68	17.92	17.90		
15	16QAM	36	20	17.65	17.93	17.94	18.8	0
15	16QAM	36	39	17.74	17.86	17.81		
15	16QAM	75	0	17.71	17.86	17.82		
15	64QAM	1	0	17.71	17.90	17.86		
15	64QAM	1	37	17.74	17.92	17.82	18.8	0
15	64QAM	1	74	17.69	17.93	17.90		
15	64QAM	36	0	17.73	17.91	17.87		
15	64QAM	36	20	17.72	17.83	17.85	18.8	0
15	64QAM	36	39	17.75	17.84	17.87		
15	64QAM	75	0	17.64	17.85	17.88		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	17.69	17.91	17.88		
10	QPSK	1	25	17.66	17.85	17.81	18.8	0
10	QPSK	1	49	17.65	17.85	17.88		
10	QPSK	25	0	17.65	17.96	17.90		
10	QPSK	25	12	17.66	17.95	17.94	18.8	0
10	QPSK	25	25	17.65	17.91	17.83		
10	QPSK	50	0	17.74	17.94	17.90		
10	16QAM	1	0	17.66	17.95	17.89		
10	16QAM	1	25	17.66	17.85	17.83	18.8	0
10	16QAM	1	49	17.64	17.95	17.83		
10	16QAM	25	0	17.71	17.92	17.93		
10	16QAM	25	12	17.75	17.96	17.89	18.8	0
10	16QAM	25	25	17.65	17.89	17.92		
10	16QAM	50	0	17.72	17.87	17.85		
10	64QAM	1	0	17.72	17.84	17.92		
10	64QAM	1	25	17.74	17.84	17.87	18.8	0
10	64QAM	1	49	17.69	17.86	17.90		
10	64QAM	25	0	17.72	17.92	17.90		
10	64QAM	25	12	17.70	17.95	17.88	18.8	0
10	64QAM	25	25	17.68	17.93	17.83		
10	64QAM	50	0	17.68	17.87	17.92		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	17.68	17.87	17.91		
5	QPSK	1	12	17.66	17.92	17.90	18.8	0
5	QPSK	1	24	17.67	17.96	17.82		
5	QPSK	12	0	17.68	17.88	17.90		
5	QPSK	12	7	17.63	17.84	17.84	18.8	0
5	QPSK	12	13	17.63	17.93	17.82		
5	QPSK	25	0	17.67	17.92	17.92		
5	16QAM	1	0	17.70	17.84	17.86		
5	16QAM	1	12	17.64	17.83	17.81	18.8	0
5	16QAM	1	24	17.71	17.89	17.84		
5	16QAM	12	0	17.75	17.85	17.94		
5	16QAM	12	7	17.64	17.86	17.89	18.8	0
5	16QAM	12	13	17.67	17.86	17.93		
5	16QAM	25	0	17.74	17.90	17.86		
5	64QAM	1	0	17.66	17.92	17.89		
5	64QAM	1	12	17.68	17.88	17.85	18.8	0
5	64QAM	1	24	17.75	17.88	17.93		
5	64QAM	12	0	17.68	17.83	17.93		
5	64QAM	12	7	17.73	17.86	17.88	18.8	0
5	64QAM	12	13	17.72	17.87	17.94		
5	64QAM	25	0	17.66	17.88	17.81		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	17.67	17.88	17.83		
3	QPSK	1	8	17.65	17.83	17.88	18.8	0
3	QPSK	1	14	17.73	17.89	17.85		
3	QPSK	8	0	17.70	17.90	17.82		
3	QPSK	8	4	17.64	17.89	17.91	18.8	0
3	QPSK	8	7	17.76	17.95	17.93		
3	QPSK	15	0	17.73	17.95	17.82		
3	16QAM	1	0	17.69	17.95	17.91		
3	16QAM	1	8	17.68	17.91	17.93	18.8	0
3	16QAM	1	14	17.68	17.87	17.88		
3	16QAM	8	0	17.67	17.93	17.86		
3	16QAM	8	4	17.67	17.90	17.92	18.8	0
3	16QAM	8	7	17.65	17.87	17.86		
3	16QAM	15	0	17.66	17.89	17.91		
3	64QAM	1	0	17.75	17.84	17.84		
3	64QAM	1	8	17.67	17.85	17.88	18.8	0
3	64QAM	1	14	17.76	17.87	17.93		
3	64QAM	8	0	17.75	17.94	17.84		
3	64QAM	8	4	17.70	17.86	17.87	18.8	0
3	64QAM	8	7	17.72	17.95	17.81		
3	64QAM	15	0	17.76	17.95	17.86		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	17.75	17.86	17.89		
1.4	QPSK	1	3	17.70	17.93	17.88		
1.4	QPSK	1	5	17.76	17.83	17.85	18.8	0
1.4	QPSK	3	0	17.72	17.94	17.91		
1.4	QPSK	3	1	17.67	17.94	17.82		
1.4	QPSK	3	3	17.67	17.90	17.85		
1.4	QPSK	6	0	17.67	17.95	17.83	18.8	0
1.4	16QAM	1	0	17.67	17.85	17.81		
1.4	16QAM	1	3	17.65	17.91	17.84		
1.4	16QAM	1	5	17.69	17.90	17.81	18.8	0
1.4	16QAM	3	0	17.76	17.84	17.81		
1.4	16QAM	3	1	17.66	17.93	17.94		
1.4	16QAM	3	3	17.67	17.94	17.83		
1.4	16QAM	6	0	17.71	17.89	17.81	18.8	0
1.4	64QAM	1	0	17.64	17.88	17.89		
1.4	64QAM	1	3	17.73	17.92	17.89		
1.4	64QAM	1	5	17.74	17.85	17.82	18.8	0
1.4	64QAM	3	0	17.68	17.93	17.88		
1.4	64QAM	3	1	17.66	17.87	17.87		
1.4	64QAM	3	3	17.73	17.86	17.81		
1.4	64QAM	6	0	17.65	17.89	17.89	18.8	0

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.45	23.60	23.55		
20	QPSK	1	49	23.30	23.51	23.53	24.3	0
20	QPSK	1	99	23.35	23.43	23.40		
20	QPSK	50	0	22.50	22.60	22.56		
20	QPSK	50	24	22.40	22.50	22.53	23.3	1
20	QPSK	50	50	22.40	22.52	22.52		
20	QPSK	100	0	22.38	22.55	22.53		
20	16QAM	1	0	22.49	22.69	22.78		
20	16QAM	1	49	22.57	22.75	22.75	23.3	1
20	16QAM	1	99	22.60	22.66	22.68		
20	16QAM	50	0	21.34	21.43	21.56		
20	16QAM	50	24	21.37	21.49	21.56	22.3	2
20	16QAM	50	50	21.36	21.50	21.52		
20	16QAM	100	0	21.36	21.42	21.53		
20	64QAM	1	0	21.48	21.63	21.76		
20	64QAM	1	49	21.52	21.75	21.74	22.3	2
20	64QAM	1	99	21.57	21.62	21.65		
20	64QAM	50	0	20.35	20.43	20.53		
20	64QAM	50	24	20.37	20.51	20.57	21.3	3
20	64QAM	50	50	20.37	20.51	20.53		
20	64QAM	100	0	20.36	20.47	20.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.33	23.47	23.42		
15	QPSK	1	37	23.19	23.43	23.48	24.3	0
15	QPSK	1	74	23.20	23.31	23.33		
15	QPSK	36	0	22.43	22.46	22.46		
15	QPSK	36	20	22.33	22.42	22.37	23.3	1
15	QPSK	36	39	22.34	22.38	22.38		
15	QPSK	75	0	22.33	22.50	22.46		
15	16QAM	1	0	22.33	22.61	22.71		
15	16QAM	1	37	22.51	22.61	22.62	23.3	1
15	16QAM	1	74	22.45	22.57	22.53		
15	16QAM	36	0	21.29	21.31	21.49		
15	16QAM	36	20	21.32	21.35	21.49	22.3	2
15	16QAM	36	39	21.31	21.38	21.41		
15	16QAM	75	0	21.28	21.30	21.45		
15	64QAM	1	0	21.34	21.47	21.70		
15	64QAM	1	37	21.38	21.63	21.66	22.3	2
15	64QAM	1	74	21.45	21.53	21.50		
15	64QAM	36	0	20.24	20.30	20.42		
15	64QAM	36	20	20.21	20.36	20.44	21.3	3
15	64QAM	36	39	20.32	20.37	20.43		
15	64QAM	75	0	20.21	20.39	20.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.30	23.46	23.44		
10	QPSK	1	25	23.16	23.44	23.42	24.3	0
10	QPSK	1	49	23.20	23.31	23.34		
10	QPSK	25	0	22.34	22.54	22.46		
10	QPSK	25	12	22.26	22.37	22.42	23.3	1
10	QPSK	25	25	22.27	22.36	22.37		
10	QPSK	50	0	22.23	22.41	22.44		
10	16QAM	1	0	22.42	22.56	22.65		
10	16QAM	1	25	22.52	22.69	22.66	23.3	1
10	16QAM	1	49	22.48	22.61	22.58		
10	16QAM	25	0	21.32	21.32	21.50		
10	16QAM	25	12	21.32	21.40	21.51	22.3	2
10	16QAM	25	25	21.30	21.35	21.47		
10	16QAM	50	0	21.31	21.30	21.46		
10	64QAM	1	0	21.36	21.48	21.68		
10	64QAM	1	25	21.42	21.66	21.61	22.3	2
10	64QAM	1	49	21.42	21.52	21.59		
10	64QAM	25	0	20.23	20.33	20.45		
10	64QAM	25	12	20.26	20.45	20.48	21.3	3
10	64QAM	25	25	20.28	20.39	20.43		
10	64QAM	50	0	20.31	20.34	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.38	23.46	23.48		
5	QPSK	1	12	23.17	23.39	23.38	24.3	0
5	QPSK	1	24	23.21	23.29	23.28		
5	QPSK	12	0	22.45	22.44	22.47		
5	QPSK	12	7	22.26	22.39	22.45	23.3	1
5	QPSK	12	13	22.24	22.36	22.45		
5	QPSK	25	0	22.25	22.42	22.44		
5	16QAM	1	0	22.41	22.54	22.62		
5	16QAM	1	12	22.44	22.65	22.70	23.3	1
5	16QAM	1	24	22.46	22.54	22.59		
5	16QAM	12	0	21.28	21.29	21.47		
5	16QAM	12	7	21.31	21.41	21.47	22.3	2
5	16QAM	12	13	21.29	21.37	21.47		
5	16QAM	25	0	21.33	21.30	21.41		
5	64QAM	1	0	21.41	21.49	21.62		
5	64QAM	1	12	21.46	21.66	21.67	22.3	2
5	64QAM	1	24	21.49	21.53	21.53		
5	64QAM	12	0	20.29	20.37	20.47		
5	64QAM	12	7	20.24	20.42	20.52	21.3	3
5	64QAM	12	13	20.30	20.39	20.47		
5	64QAM	25	0	20.21	20.35	20.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.37	23.54	23.41		
3	QPSK	1	8	23.20	23.44	23.40	24.3	0
3	QPSK	1	14	23.25	23.27

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.80	23.88	23.84	24.8	0
10	QPSK	1	25	23.74	23.79	23.76		
10	QPSK	1	49	23.74	23.81	23.74		
10	QPSK	25	0	22.78	22.85	22.82	23.8	1
10	QPSK	25	12	22.77	22.78	22.79		
10	QPSK	25	25	22.76	22.78	22.78		
10	QPSK	50	0	22.75	22.78	22.77		
10	16QAM	1	0	22.84	23.00	23.03	23.8	1
10	16QAM	1	25	22.99	23.03	22.96		
10	16QAM	1	49	22.97	23.04	22.96		
10	16QAM	25	0	21.79	21.81	21.85	22.8	2
10	16QAM	25	12	21.83	21.82	21.82		
10	16QAM	25	25	21.84	21.79	21.78		
10	16QAM	50	0	21.80	21.81	21.83		
10	64QAM	1	0	21.82	21.96	22.01	22.8	2
10	64QAM	1	25	21.97	21.98	21.97		
10	64QAM	1	49	22.02	21.94	21.95		
10	64QAM	25	0	20.79	20.80	20.84	21.8	3
10	64QAM	25	12	20.81	20.81	20.82		
10	64QAM	25	25	20.83	20.78	20.77		
10	64QAM	50	0	20.79	20.78	20.81		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.73	23.78	23.72	24.8	0
5	QPSK	1	12	23.62	23.68	23.60		
5	QPSK	1	24	23.63	23.76	23.63		
5	QPSK	12	0	22.68	22.77	22.75	23.8	1
5	QPSK	12	7	22.65	22.66	22.72		
5	QPSK	12	13	22.64	22.65	22.65		
5	QPSK	25	0	22.66	22.67	22.68		
5	16QAM	1	0	22.75	22.95	22.97	23.8	1
5	16QAM	1	12	22.92	22.92	22.82		
5	16QAM	1	24	22.89	22.88	22.85		
5	16QAM	12	0	21.71	21.69	21.74	22.8	2
5	16QAM	12	7	21.81	21.66	21.70		
5	16QAM	12	13	21.79	21.71	21.63		
5	16QAM	25	0	21.73	21.75	21.67		
5	64QAM	1	0	21.67	21.82	21.91	22.8	2
5	64QAM	1	12	21.88	21.91	21.92		
5	64QAM	1	24	21.88	21.81	21.81		
5	64QAM	12	0	20.68	20.71	20.77	21.8	3
5	64QAM	12	7	20.67	20.69	20.68		
5	64QAM	12	13	20.75	20.71	20.64		
5	64QAM	25	0	20.74	20.63	20.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.73	23.73	23.70	24.8	0
3	QPSK	1	8	23.68	23.73	23.63		
3	QPSK	1	14	23.62	23.70	23.62		
3	QPSK	8	0	22.72	22.80	22.72	23.8	1
3	QPSK	8	4	22.67	22.71	22.65		
3	QPSK	8	7	22.61	22.70	22.62		
3	QPSK	15	0	22.69	22.70	22.62		
3	16QAM	1	0	22.71	22.89	22.94	23.8	1
3	16QAM	1	8	22.86	22.88	22.89		
3	16QAM	1	14	22.88	22.90	22.85		
3	16QAM	8	0	21.76	21.75	21.74	22.8	2
3	16QAM	8	4	21.78	21.73	21.75		
3	16QAM	8	7	21.78	21.71	21.67		
3	16QAM	15	0	21.74	21.72	21.68		
3	64QAM	1	0	21.72	21.85	21.91	22.8	2
3	64QAM	1	8	21.83	21.86	21.87		
3	64QAM	1	14	21.97	21.85	21.81		
3	64QAM	8	0	20.69	20.73	20.68	21.8	3
3	64QAM	8	4	20.65	20.68	20.67		
3	64QAM	8	7	20.72	20.72	20.71		
3	64QAM	15	0	20.73	20.72	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.70	23.73	23.76	24.8	0
1.4	QPSK	1	3	23.68	23.63	23.63		
1.4	QPSK	1	5	23.68	23.71	23.65		
1.4	QPSK	3	0	23.69	23.76	23.72		
1.4	QPSK	3	1	23.63	23.68	23.63		
1.4	QPSK	3	3	23.63	23.71	23.69		
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	1
1.4	16QAM	1	0	22.64	22.65	22.71	23.8	1
1.4	16QAM	1	3	22.63	22.66	22.73		
1.4	16QAM	1	5	22.60	22.70	22.70		
1.4	16QAM	3	0	22.79	22.85	22.91		
1.4	16QAM	3	1	22.84	22.90	22.84		
1.4	16QAM	3	3	22.86	22.92	22.85		
1.4	16QAM	6	0	21.71	21.70	21.77	22.8	2
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	2
1.4	64QAM	1	3	21.81	21.66	21.65		
1.4	64QAM	1	5	21.72	21.67	21.69		
1.4	64QAM	3	0	21.66	21.86	21.95		
1.4	64QAM	3	1	21.91	21.84	21.84		
1.4	64QAM	3	3	21.89	21.89	21.88		
1.4	64QAM	6	0	20.63	20.64	20.75	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	20.00	20.08	19.99	20.8	0
10	QPSK	1	25	19.94	19.94	19.98		
10	QPSK	1	49	19.98	20.00	19.97		
10	QPSK	25	0	19.99	20.05	19.98	20.8	0
10	QPSK	25	12	19.94	20.04	19.97		
10	QPSK	25	25	19.93	19.94	19.97		
10	QPSK	50	0	19.98	19.99	19.93		
10	16QAM	1	0	20.00	19.93	19.96	20.8	0
10	16QAM	1	25	19.97	20.03	19.88		
10	16QAM	1	49	19.98	19.92	19.97		
10	16QAM	25	0	19.98	19.93	19.88	20.8	0
10	16QAM	25	12	19.98	20.04	19.89		
10	16QAM	25	25	20.02	20.00	19.88		
10	16QAM	50	0	19.89	20.02	19.95		
10	64QAM	1	0	19.89	20.04	19.88	20.8	0
10	64QAM	1	25	20.02	20.01	19.93		
10	64QAM	1	49	20.02	19.93	19.88		
10	64QAM	25	0	19.94	19.92	19.89	20.8	0
10	64QAM	25	12	19.95	19.93	19.87		
10	64QAM	25	25	19.93	19.99	19.92		
10	64QAM	50	0	19.90	20.04	19.96		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	19.95	20.00	19.87	20.8	0
5	QPSK	1	12	19.92	19.93	19.96		
5	QPSK	1	24	19.95	20.03	19.96		
5	QPSK	12	0	19.89	19.95	19.97	20.8	0
5	QPSK	12	7	19.95	19.93	19.99		
5	QPSK	12	13	19.98	20.00	19.99		
5	QPSK	25	0	19.89	19.96	19.94		
5	16QAM	1	0	19.94	19.91	19.92	20.8	0
5	16QAM	1	12	19.96	20.00	19.87		
5	16QAM	1	24	19.91	20.00	19.88		
5	16QAM	12	0	20.02	20.04	19.88	20.8	0
5	16QAM	12	7	19.91	20.00	19.97		
5	16QAM	12	13	19.94	19.98	19.99		
5	16QAM	25	0	19.89	20.00	19.99		
5	64QAM	1	0	19.89	20.02	19.91	20.8	0
5	64QAM	1	12	20.02	19.96	19.93		
5	64QAM	1	24	19.91	20.04	19.98		
5	64QAM	12	0	19.93	19.96	19.96	20.8	0
5	64QAM	12	7	19.95	19.91	19.87		
5	64QAM	12	13	19.94	20.00	19.95		
5	64QAM	25	0	19.90	20.00	19.89		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	19.89	20.01	19.95	20.8	0
3	QPSK	1	8	20.02	19.92	19.91		
3	QPSK	1	14	20.01	20.02	19.91		
3	QPSK	8	0	20.02	19.94	20.00	20.8	0
3	QPSK	8	4	19.98	20.03	19.89		
3	QPSK	8	7	19.90	19.95	19.89		
3	QPSK	15	0	19.94	19.93	19.96		
3	16QAM	1	0	19.93	19.99	19.93	20.8	0
3	16QAM	1	8	19.99	20.00	20.00		
3	16QAM	1	14	19.91	19.92	19.87		
3	16QAM	8	0	19.97	20.04	19.91	20.8	0
3	16QAM	8	4	19.89	19.97	19.91		
3	16QAM	8	7	19.95	19.94	20.00		
3	16QAM	15	0	19.91	20.01	19.99		
3	64QAM	1	0	19.96	20.03	19.99	20.8	0
3	64QAM	1	8	19.91	19.97	19.99		
3	64QAM	1	14	19.98	20.02	19.96		
3	64QAM	8	0	19.95	19.96	19.87	20.8	0
3	64QAM	8	4	20.00	19.97	19.93		
3	64QAM	8	7	20.01	19.94	19.99		
3	64QAM	15	0	19.92	19.93	19.90		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	20.02	19.95	19.91	20.8	0
1.4	QPSK	1	3	19.98	19.98	19.97		
1.4	QPSK	1	5	19.99	19.94	19.93		
1.4	QPSK	3	0	20.01	20.01	19.98		
1.4	QPSK	3	1	19.94	19.92	19.90		
1.4	QPSK	3	3	19.98	19.94	19.90		
1.4	QPSK	6	0	19.96	20.03	20.00	20.8	0
1.4	16QAM	1	0	19.94	20.00	19.90	20.8	0
1.4	16QAM	1	3	19.95	20.02	19.89		
1.4	16QAM	1	5	19.96	20.03	19.90		
1.4	16QAM	3	0	19.98	19.91	19.87		
1.4	16QAM	3	1	19.93	20.03	19.98		
1.4	16QAM	3	3	19.94	19.91	19.87		
1.4	16QAM	6	0	20.00	19.94	19.96	20.8	0
1.4	64QAM	1	0	19.89	19.99	19.99	20.8	0
1.4	64QAM	1	3	19.90	19.93	19.88		
1.4	64QAM	1	5	19.89	19.97	19.90		
1.4	64QAM	3	0	19.96	19.98	19.97		
1.4	64QAM	3	1	20.01	19.91	19.98		
1.4	64QAM	3	3	19.92	20.00	19.97		
1.4	64QAM	6	0	20.01	19.96	19.88	20.8	0

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.44	24.50	24.46	24.8	0
20	QPSK	1	49	24.32	24.48	24.43		
20	QPSK	1	99	24.38	24.41	24.43		
20	QPSK	50	0	23.35	23.45	23.43	23.8	1
20	QPSK	50	24	23.28	23.43	23.40		
20	QPSK	50	50	23.32	23.44	23.41		
20	QPSK	100	0	23.25	23.47	23.46		
20	16QAM	1	0	23.41	23.66	23.59	23.8	1
20	16QAM	1	49	23.56	23.72	23.76		
20	16QAM	1	99	23.64	23.68	23.65		
20	16QAM	50	0	22.19	22.38	22.40	22.8	2
20	16QAM	50	24	22.25	22.40	22.46		
20	16QAM	50	50	22.32	22.42	22.51		
20	16QAM	100	0	22.23	22.40	22.46		
20	64QAM	1	0	22.24	22.47	22.41	22.8	2
20	64QAM	1	49	22.41	22.56	22.60		
20	64QAM	1	99	22.47	22.47	22.68		
20	64QAM	50	0	21.22	21.39	21.43	21.8	3
20	64QAM	50	24	21.30	21.44	21.49		
20	64QAM	50	50	21.34	21.44	21.54		
20	64QAM	100	0	21.26	21.43	21.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.28	24.37	24.36	24.8	0
15	QPSK	1	37	24.23	24.41	24.33		
15	QPSK	1	74	24.29	24.26	24.34		
15	QPSK	36	0	23.27	23.29	23.38	23.8	1
15	QPSK	36	20	23.23	23.32	23.32		
15	QPSK	36	39	23.20	23.30	23.29		
15	QPSK	75	0	23.17	23.40	23.35		
15	16QAM	1	0	23.33	23.56	23.46	23.8	1
15	16QAM	1	37	23.47	23.57	23.63		
15	16QAM	1	74	23.51	23.60	23.50		
15	16QAM	36	0	22.11	22.25	22.28	22.8	2
15	16QAM	36	20	22.17	22.27	22.37		
15	16QAM	36	39	22.25	22.28	22.35		
15	16QAM	75	0	22.21	22.34	22.38		
15	64QAM	1	0	22.11	22.32	22.25	22.8	2
15	64QAM	1	37	22.26	22.42	22.47		
15	64QAM	1	74	22.37	22.41	22.56		
15	64QAM	36	0	21.08	21.30	21.27	21.8	3
15	64QAM	36	20	21.24	21.30	21.43		
15	64QAM	36	39	21.24	21.36	21.40		
15	64QAM	75	0	21.12	21.28	21.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.32	24.35	24.34	24.8	0
10	QPSK	1	25	24.20	24.35	24.29		
10	QPSK	1	49	24.28	24.33	24.38		
10	QPSK	25	0	23.29	23.35	23.31	23.8	1
10	QPSK	25	12	23.18	23.29	23.33		
10	QPSK	25	25	23.22	23.39	23.26		
10	QPSK	50	0	23.14	23.36	23.33		
10	16QAM	1	0	23.27	23.53	23.54	23.8	1
10	16QAM	1	25	23.42	23.64	23.61		
10	16QAM	1	49	23.56	23.62	23.54		
10	16QAM	25	0	22.15	22.26	22.28	22.8	2
10	16QAM	25	12	22.20	22.29	22.40		
10	16QAM	25	25	22.25	22.28	22.39		
10	16QAM	50	0	22.21	22.29	22.31		
10	64QAM	1	0	22.13	22.40	22.33	22.8	2
10	64QAM	1	25	22.32	22.46	22.52		
10	64QAM	1	49	22.35	22.41	22.61		
10	64QAM	25	0	21.13	21.24	21.36	21.8	3
10	64QAM	25	12	21.20	21.34	21.36		
10	64QAM	25	25	21.29	21.31	21.45		
10	64QAM	50	0	21.14	21.27	21.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.33	24.40	24.37	24.8	0
5	QPSK	1	12	24.18	24.40	24.27		
5	QPSK	1	24	24.27	24.27	24.38		
5	QPSK	12	0	23.29	23.31	23.35	23.8	1
5	QPSK	12	7	23.21	23.27	23.30		
5	QPSK	12	13	23.25	23.35	23.28		
5	QPSK	25	0	23.13	23.42	23.34		
5	16QAM	1	0	23.27	23.56	23.48	23.8	1
5	16QAM	1	12	23.44	23.58	23.66		
5	16QAM	1	24	23.49	23.58	23.52		
5	16QAM	12	0	22.12	22.33	22.24	22.8	2
5	16QAM	12	7	22.22	22.31	22.33		
5	16QAM	12	13	22.26	22.30	22.43		
5	16QAM	25	0	22.21	22.34	22.40		
5	64QAM	1	0	22.14	22.34	22.27	22.8	2
5	64QAM	1	12	22.32	22.44	22.45		
5	64QAM	1	24	22.36	22.40	22.57		
5	64QAM	12	0	21.06	21.32	21.33	21.8	3
5	64QAM	12	7	21.18	21.39	21.35		
5	64QAM	12	13	21.22	21.39	21.39		
5	64QAM	25	0	21.17	21.36	21.34		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.52	13.62	13.52	14.3	0
20	QPSK	1	49	13.48	13.44	13.44		
20	QPSK	1	99	13.39	13.54	13.47		
20	QPSK	50	0	13.50	13.60	13.51	14.3	0
20	QPSK	50	24	13.45	13.50	13.44		
20	QPSK	50	50	13.46	13.44	13.45		
20	QPSK	100	0	13.47	13.54	13.46		
20	16QAM	1	0	13.45	13.52	13.39	14.3	0
20	16QAM	1	49	13.46	13.45	13.46		
20	16QAM	1	99	13.51	13.42	13.39		
20	16QAM	50	0	13.43	13.53	13.40	14.3	0
20	16QAM	50	24	13.41	13.46	13.41		
20	16QAM	50	50	13.44	13.42	13.46		
20	16QAM	100	0	13.50	13.53	13.47		
20	64QAM	1	0	13.44	13.44	13.38	14.3	0
20	64QAM	1	49	13.46	13.47	13.41		
20	64QAM	1	99	13.43	13.45	13.38		
20	64QAM	50	0	13.43	13.42	13.43	14.3	0
20	64QAM	50	24	13.50	13.51	13.43		
20	64QAM	50	50	13.52	13.41	13.38		
20	64QAM	100	0	13.42	13.50	13.44		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.43	13.50	13.40	14.3	0
15	QPSK	1	37	13.49	13.41	13.42		
15	QPSK	1	74	13.46	13.50	13.44		
15	QPSK	36	0	13.42	13.44	13.49	14.3	0
15	QPSK	36	20	13.44	13.41	13.38		
15	QPSK	36	39	13.41	13.54	13.44		
15	QPSK	75	0	13.41	13.42	13.48		
15	16QAM	1	0	13.44	13.42	13.37	14.3	0
15	16QAM	1	37	13.44	13.53	13.37		
15	16QAM	1	74	13.44	13.53	13.49		
15	16QAM	36	0	13.40	13.47	13.40	14.3	0
15	16QAM	36	20	13.50	13.46	13.47		
15	16QAM	36	39	13.39	13.53	13.38		
15	16QAM	75	0	13.50	13.54	13.47		
15	64QAM	1	0	13.42	13.44	13.38	14.3	0
15	64QAM	1	37	13.45	13.50	13.38		
15	64QAM	1	74	13.52	13.52	13.40		
15	64QAM	36	0	13.39	13.42	13.43	14.3	0
15	64QAM	36	20	13.41	13.46	13.43		
15	64QAM	36	39	13.50	13.54	13.44		
15	64QAM	75	0	13.43	13.49	13.48		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.43	13.48	13.49	14.3	0
10	QPSK	1	25	13.48	13.54	13.40		
10	QPSK	1	49	13.42	13.42	13.38		
10	QPSK	25	0	13.41	13.44	13.36	14.3	0
10	QPSK	25	12	13.41	13.47	13.39		
10	QPSK	25	25	13.40	13.41	13.38		
10	QPSK	50	0	13.52	13.43	13.45		
10	16QAM	1	0	13.44	13.47	13.37	14.3	0
10	16QAM	1	25	13.49	13.43	13.42		
10	16QAM	1	49	13.50	13.48	13.37		
10	16QAM	25	0	13.46	13.43	13.48	14.3	0
10	16QAM	25	12	13.42	13.47	13.37		
10	16QAM	25	25	13.51	13.49	13.49		
10	16QAM	50	0	13.50	13.50	13.43		
10	64QAM	1	0	13.48	13.48	13.38	14.3	0
10	64QAM	1	25	13.43	13.54	13.48		
10	64QAM	1	49	13.40	13.43	13.42		
10	64QAM	25	0	13.51	13.45	13.40	14.3	0
10	64QAM	25	12	13.46	13.54	13.41		
10	64QAM	25	25	13.39	13.46	13.40		
10	64QAM	50	0	13.40	13.41	13.47		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.41	13.47	13.48	14.3	0
5	QPSK	1	12	13.47	13.51	13.36		
5	QPSK	1	24	13.44	13.42	13.40		
5	QPSK	12	0	13.52	13.42	13.49	14.3	0
5	QPSK	12	7	13.44	13.49	13.40		
5	QPSK	12	13	13.50	13.49	13.49		
5	QPSK	25	0	13.51	13.50	13.46		
5	16QAM	1	0	13.42	13.50	13.49	14.3	0
5	16QAM	1	12	13.50	13.41	13.36		
5	16QAM	1	24	13.43	13.41	13.38		
5	16QAM	12	0	13.47	13.52	13.39	14.3	0
5	16QAM	12	7	13.42	13.50	13.42		
5	16QAM	12	13	13.40	13.49	13.39		
5	16QAM	25	0	13.42	13.46	13.46		
5	64QAM	1	0	13.51	13.48	13.41	14.3	0
5	64QAM	1	12	13.45	13.50	13.36		
5	64QAM	1	24	13.40	13.46	13.36		
5	64QAM	12	0	13.50	13.42	13.38	14.3	0
5	64QAM	12	7	13.44	13.46	13.45		
5	64QAM	12	13	13.48	13.45	13.48		
5	64QAM	25	0	13.42	13.47	13.45		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.13	22.20	22.11	23.1	0
20	QPSK	1	49	22.02	22.07	22.08		
20	QPSK	1	99	22.02	22.03	22.00		
20	QPSK	50	0	22.14	22.15	22.09	23.1	0
20	QPSK	50	24	22.10	22.03	22.07		
20	QPSK	50	50	22.11	22.07	22.08		
20	QPSK	100	0	22.11	22.14	22.08		
20	16QAM	1	0	22.02	22.01	22.01	23.1	0
20	16QAM	1	49	22.14	22.01	22.08		
20	16QAM	1	99	22.09	22.05	22.07		
20	16QAM	50	0	21.18	21.13	21.22	22.1	1
20	16QAM	50	24	21.23	21.14	21.19		
20	16QAM	50	50	21.22	21.20	21.29		
20	16QAM	100	0	21.17	21.16	21.25		
20	64QAM	1	0	21.35	21.36	21.28	22.1	1
20	64QAM	1	49	21.44	21.39	21.29		
20	64QAM	1	99	21.43	21.24	21.57		
20	64QAM	50	0	20.20	20.14	20.24	21.1	2
20	64QAM	50	24	20.26	20.16	20.27		
20	64QAM	50	50	20.23	20.20	20.34		
20	64QAM	100	0	20.20	20.19	20.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.15	21.99	22.03	23.1	0
15	QPSK	1	37	22.06	22.01	22.04		
15	QPSK	1	74	22.05	22.00	22.01		
15	QPSK	36	0	22.04	21.99	22.08	23.1	0
15	QPSK	36	20	22.06	22.08	22.00		
15	QPSK	36	39	22.02	22.03	22.03		
15	QPSK	75	0	22.02	21.97	22.10		
15	16QAM	1	0	22.10	21.97	22.03	23.1	0
15	16QAM	1	37	22.04	21.97	22.06		
15	16QAM	1	74	22.12	22.00	22.11		
15	16QAM	36	0	21.12	21.06	21.10	22.1	1
15	16QAM	36	20	21.17	20.99	21.14		
15	16QAM	36	39	21.17	21.14	21.19		
15	16QAM	75	0	21.10	21.05	21.18		
15	64QAM	1	0	21.22	21.26	21.12	22.1	1
15	64QAM	1	37	21.28	21.29	21.14		
15	64QAM	1	74	21.34	21.13	21.47		
15	64QAM	36	0	20.05	20.01	20.08	21.1	2
15	64QAM	36	20	20.15	20.05	20.20		
15	64QAM	36	39	20.07	20.12	20.21		
15	64QAM	75	0	20.13	20.05	20.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.10	22.05	22.10	23.1	0
10	QPSK	1	25	22.03	22.04	22.11		
10	QPSK	1	49	22.11	22.00	21.99		
10	QPSK	25	0	22.04	22.00	21.98	23.1	0
10	QPSK	25	12	22.15	22.05	21.99		
10	QPSK	25	25	22.14	22.02	22.01		
10	QPSK	50	0	22.03	21.96	22.07		
10	16QAM	1	0	22.08	21.95	22.07	23.1	0
10	16QAM	1	25	22.07	22.05	22.04		
10	16QAM	1	49	22.08	22.08	22.03		
10	16QAM	25	0	21.15	21.04	21.12	22.1	1
10	16QAM	25	12	21.20	21.04	21.09		
10	16QAM	25	25	21.18	21.15	21.17		
10	16QAM	50	0	21.12	21.09	21.13		
10	64QAM	1	0	21.30	21.21	21.20	22.1	1
10	64QAM	1	25	21.36	21.32	21.13		
10	64QAM	1	49	21.33	21.19	21.49		
10	64QAM	25	0	20.04	20.02	20.18	21.1	2
10	64QAM	25	12	20.16	20.09	20.19		
10	64QAM	25	25	20.10	20.05	20.29		
10	64QAM	50	0	20.07	20.05	20.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.13	21.98	22.03	23.1	0
5	QPSK	1	12	22.04	22.08	22.03		
5	QPSK	1	24	22.13	21.96	21.98		
5	QPSK	12	0	22.13	22.07	21.98	23.1	0
5	QPSK	12	7	22.13	22.04	22.09		
5	QPSK	12	13	22.03	22.05	22.08		
5	QPSK	25	0	22.08	22.07	22.09		
5	16QAM	1	0	22.07	22.08	22.09	23.1	0
5	16QAM	1	12	22.02	22.05	22.03		
5	16QAM	1	24	22.05	21.95	22.07		
5	16QAM	12	0	21.13	21.05	21.15	22.1	1
5	16QAM	12	7	21.18	21.06	21.11		
5	16QAM	12	13	21.16	21.05	21.24		
5	16QAM	25	0	21.13	21.07	21.14		
5	64QAM	1	0	21.21	21.27	21.20	22.1	1
5	64QAM	1	12	21.37	21.34	21.19		
5	64QAM	1	24	21.32	21.12	21.51		
5	64QAM	12	0	20.09	20.09	20.10	21.1	2
5	64QAM	12	7	20.21	20.10	20.16		
5	64QAM	12	13	20.14	20.08	20.29		
5	64QAM	25	0	20.07	20.12	20.23		

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BW [MHz]	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	23.85	23.90	23.86	24.8	0
10	QPSK	1	25	23.73	23.80	23.78		
10	QPSK	1	49	23.80	23.84	23.85		
10	QPSK	25	0	22.87	22.90	22.89	23.8	1
10	QPSK	25	12	22.83	22.83	22.84		
10	QPSK	25	25	22.85	22.84	22.87		
10	QPSK	50	0	22.80	22.84	22.83		
10	16QAM	1	0	23.02	22.97	23.07	23.8	1
10	16QAM	1	25	23.03	23.10	23.06		
10	16QAM	1	49	23.17	23.12	23.07		
10	16QAM	25	0	21.72	21.78	21.79	22.8	2
10	16QAM	25	12	21.80	21.80	21.82		
10	16QAM	25	25	21.83	21.81	21.84		
10	16QAM	50	0	21.79	21.83	21.82		
10	64QAM	1	0	21.89	21.89	21.98	22.8	2
10	64QAM	1	25	21.89	22.00	21.97		
10	64QAM	1	49	22.03	22.04	22.00		
10	64QAM	25	0	20.70	20.78	20.77	21.8	3
10	64QAM	25	12	20.79	20.80	20.80		
10	64QAM	25	25	20.82	20.82	20.84		
10	64QAM	50	0	20.78	20.79	20.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.73	23.79	23.81	24.8	0
5	QPSK	1	12	23.65	23.71	23.72		
5	QPSK	1	24	23.73	23.77	23.73		
5	QPSK	12	0	22.82	22.74	22.76	23.8	1
5	QPSK	12	7	22.74	22.77	22.78		
5	QPSK	12	13	22.78	22.77	22.74		
5	QPSK	25	0	22.65	22.72	22.77		
5	16QAM	1	0	22.96	22.82	22.96	23.8	1
5	16QAM	1	12	22.91	22.94	23.00		
5	16QAM	1	24	23.06	22.99	22.94		
5	16QAM	12	0	21.70	21.69	21.71	22.8	2
5	16QAM	12	7	21.75	21.67	21.76		
5	16QAM	12	13	21.75	21.75	21.76		
5	16QAM	25	0	21.77	21.71	21.74		
5	64QAM	1	0	21.84	21.84	21.91	22.8	2
5	64QAM	1	12	21.80	21.91	21.82		
5	64QAM	1	24	21.87	21.96	21.92		
5	64QAM	12	0	20.64	20.67	20.68	21.8	3
5	64QAM	12	7	20.64	20.71	20.69		
5	64QAM	12	13	20.73	20.68	20.79		
5	64QAM	25	0	20.69	20.64	20.76		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.77	23.81	23.76	24.8	0
3	QPSK	1	8	23.61	23.72	23.71		
3	QPSK	1	14	23.69	23.70	23.74		
3	QPSK	8	0	22.74	22.74	22.77	23.8	1
3	QPSK	8	4	22.71	22.72	22.77		
3	QPSK	8	7	22.73	22.76	22.72		
3	QPSK	15	0	22.67	22.78	22.67		
3	16QAM	1	0	22.90	22.89	22.92	23.8	1
3	16QAM	1	8	22.95	23.03	23.01		
3	16QAM	1	14	23.06	23.00	23.01		
3	16QAM	8	0	21.66	21.69	21.64	22.8	2
3	16QAM	8	4	21.72	21.68	21.74		
3	16QAM	8	7	21.76	21.68	21.73		
3	16QAM	15	0	21.73	21.69	21.75		
3	64QAM	1	0	21.74	21.76	21.86	22.8	2
3	64QAM	1	8	21.78	21.87	21.90		
3	64QAM	1	14	21.90	21.89	21.89		
3	64QAM	8	0	20.61	20.62	20.62	21.8	3
3	64QAM	8	4	20.64	20.71	20.72		
3	64QAM	8	7	20.72	20.72	20.70		
3	64QAM	15	0	20.71	20.65	20.77		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.78	23.76	23.79	24.8	0
1.4	QPSK	1	3	23.65	23.73	23.65		
1.4	QPSK	1	5	23.75	23.74	23.79		
1.4	QPSK	3	0	23.77	23.83	23.81		
1.4	QPSK	3	1	23.64	23.71	23.72		
1.4	QPSK	3	3	23.69	23.69	23.69		
1.4	QPSK	6	0	22.72	22.81	22.75	23.8	1
1.4	16QAM	1	0	22.76	22.77	22.69	23.8	1
1.4	16QAM	1	3	22.74	22.77	22.75		
1.4	16QAM	1	5	22.72	22.72	22.67		
1.4	16QAM	3	0	22.86	22.82	23.01		
1.4	16QAM	3	1	22.96	23.02	22.97		
1.4	16QAM	3	3	23.12	22.98	22.98		
1.4	16QAM	6	0	21.68	21.62	21.63	22.8	2
1.4	64QAM	1	0	21.73	21.69	21.67	22.8	2
1.4	64QAM	1	3	21.81	21.66	21.78		
1.4	64QAM	1	5	21.73	21.76	21.75		
1.4	64QAM	3	0	21.74	21.80	21.89		
1.4	64QAM	3	1	21.79	21.90	21.87		
1.4	64QAM	3	3	21.94	21.91	21.84		
1.4	64QAM	6	0	20.59	20.64	20.62	21.8	3

Band 12_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	21.79	21.95	21.83	22.8	0
10	QPSK	1	25	21.65	21.70	21.81		
10	QPSK	1	49	21.72	21.68	21.72		
10	QPSK	25	0	21.87	21.89	21.76	22.8	0
10	QPSK	25	12	21.72	21.66	21.69		
10	QPSK	25	25	21.73	21.74	21.75		
10	QPSK	50	0	21.72	21.77	21.76		
10	16QAM	1	0	21.63	21.65	21.73	22.8	0
10	16QAM	1	25	21.84	21.63	21.74		
10	16QAM	1	49	21.70	21.66	21.76		
10	16QAM	25	0	21.75	21.88	21.81	22.8	0
10	16QAM	25	12	21.64	21.66	21.73		
10	16QAM	25	25	21.79	21.64	21.82		
10	16QAM	50	0	21.79	21.77	21.70		
10	64QAM	1	0	21.71	21.69	21.66	22.8	0
10	64QAM	1	25	21.82	21.64	21.72		
10	64QAM	1	49	21.64	21.67	21.65		
10	64QAM	25	0	20.87	20.91	20.90	21.8	1
10	64QAM	25	12	20.94	20.93	20.89		
10	64QAM	25	25	20.96	20.92	20.91		
10	64QAM	50	0	20.93	20.93	20.93		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	21.87	21.89	21.82	22.8	0
5	QPSK	1	12	21.67	21.79	21.80		
5	QPSK	1	24	21.69	21.65	21.73		
5	QPSK	12	0	21.85	21.80	21.81	22.8	0
5	QPSK	12	7	21.84	21.73	21.73		
5	QPSK	12	13	21.77	21.70	21.71		
5	QPSK	25	0	21.83	21.86	21.76		
5	16QAM	1	0	21.65	21.62	21.62	22.8	0
5	16QAM	1	12	21.83	21.66	21.73		
5	16QAM	1	24	21.74	21.67	21.79		
5	16QAM	12	0	21.84	21.88	21.79	22.8	0
5	16QAM	12	7	21.78	21.73	21.73		
5	16QAM	12	13	21.75	21.80	21.75		
5	16QAM	25	0	21.77	21.86	21.82		
5	64QAM	1	0	21.73	21.69	21.71	22.8	0
5	64QAM	1	12	21.77	21.72	21.81		
5	64QAM	1	24	21.77	21.68	21.76		
5	64QAM	12	0	20.72	20.77	20.85	21.8	1
5	64QAM	12	7	20.85	20.82	20.78		
5	64QAM	12	13	20.94	20.84	20.89		
5	64QAM	25	0	20.88	20.79	20.86		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.82	21.93	21.84	22.8	0
3	QPSK	1	8	21.71	21.74	21.75		
3	QPSK	1	14	21.74	21.68	21.69		
3	QPSK	8	0	21.84	21.85	21.75	22.8	0
3	QPSK	8	4	21.82	21.71	21.81		
3	QPSK	8	7	21.83	21.76	21.82		
3	QPSK	15	0	21.80	21.81	21.75		
3	16QAM	1	0	21.65	21.66	21.65	22.8	0
3	16QAM	1	8	21.75	21.74	21.71		
3	16QAM	1	14	21.78	21.74	21.74		
3	16QAM	8	0	21.81	21.80	21.75	22.8	0
3	16QAM	8	4	21.76	21.73	21.69		
3	16QAM	8	7	21.84	21.69	21.78		
3	16QAM	15	0	21.79	21.80	21.73		
3	64QAM	1	0	21.69	21.75	21.72	22.8	0
3	64QAM	1	8	21.84	21.71	21.71		
3	64QAM	1	14	21.71	21.68	21.77		
3	64QAM	8	0	20.86	20.86	20.79	21.8	1
3	64QAM	8	4	20.79	20.92	20.82		
3	64QAM	8	7	20.89	20.79	20.90		
3	64QAM	15	0	20.92	20.92	20.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.81	21.93	21.82	22.8	0
1.4	QPSK	1	3	21.70	21.71	21.82		
1.4	QPSK	1	5	21.64	21.77	21.63		
1.4	QPSK	3	0	21.77	21.90	21.79		
1.4	QPSK	3	1	21.68	21.75	21.81		
1.4	QPSK	3	3	21.63	21.68	21.61		
1.4	QPSK	6	0	21.82	21.76	21.76	22.8	0
1.4	16QAM	1	0	21.78	21.66	21.71	22.8	0
1.4	16QAM	1	3	21.74	21.77	21.78		
1.4	16QAM	1	5	21.75	21.83	21.75		
1.4	16QAM	3	0	21.70	21.62	21.72		
1.4	16QAM	3	1	21.80	21.69	21.79		
1.4	16QAM	3	3	21.72	21.76	21.74		
1.4	16QAM	6	0	21.77	21.85	21.82	22.8	0
1.4	64QAM	1	0	21.83	21.69	21.72	22.8	0
1.4	64QAM	1	3	21.73	21.77	21.73		
1.4	64QAM	1	5	21.73	21.83	21.82		
1.4	64QAM	3	0	21.73	21.74	21.74		
1.4	64QAM	3	1	21.78	21.71	21.77		
1.4	64QAM	3	3	21.81	21.74	21.81		
1.4	64QAM	6	0	20.82	20.81	20.80	21.8	1

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.98		24.8	0
10	QPSK	1	25		23.94			
10	QPSK	1	49		23.90			
10	QPSK	25	0		22.97		23.8	1
10	QPSK	25	12		22.89			
10	QPSK	25	25		22.92			
10	QPSK	50	0		22.90			
10	16QAM	1	0		23.10		23.8	1
10	16QAM	1	25		23.15			
10	16QAM	1	49		23.13			
10	16QAM	25	0		21.93		22.8	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.96			
10	16QAM	50	0		21.94			
10	64QAM	1	0		22.07		22.8	2
10	64QAM	1	25		22.07			
10	64QAM	1	49		22.12			
10	64QAM	25	0		20.91		21.8	3
10	64QAM	25	12		20.90			
10	64QAM	25	25		20.94			
10	64QAM	50	0		20.93			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.83	23.89	23.89	24.8	0
5	QPSK	1	12	23.86	23.84	23.89		
5	QPSK	1	24	23.80	23.74	23.85		
5	QPSK	12	0	22.88	22.83	22.83	23.8	1
5	QPSK	12	7	22.77	22.77	22.76		
5	QPSK	12	13	22.87	22.79	22.83		
5	QPSK	25	0	22.81	22.80	22.82		
5	16QAM	1	0	22.96	23.01	23.01	23.8	1
5	16QAM	1	12	23.08	23.03	23.04		
5	16QAM	1	24	23.05	23.07	23.08		
5	16QAM	12	0	21.90	21.77	21.84	22.8	2
5	16QAM	12	7	21.83	21.79	21.82		
5	16QAM	12	13	21.92	21.81	21.87		
5	16QAM	25	0	21.89	21.85	21.88		
5	64QAM	1	0	22.02	22.00	22.00	22.8	2
5	64QAM	1	12	22.02	21.98	21.96		
5	64QAM	1	24	22.02	21.99	21.97		
5	64QAM	12	0	20.80	20.84	20.76	21.8	3
5	64QAM	12	7	20.85	20.74	20.81		
5	64QAM	12	13	20.78	20.84	20.79		
5	64QAM	25	0	20.88	20.84	20.79		

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		21.94		22.8	0
10	QPSK	1	25		21.74			
10	QPSK	1	49		21.64			
10	QPSK	25	0		21.86		22.8	0
10	QPSK	25	12		21.69			
10	QPSK	25	25		21.79			
10	QPSK	50	0		21.84			
10	16QAM	1	0		21.66		22.8	0
10	16QAM	1	25		21.73			
10	16QAM	1	49		21.70			
10	16QAM	25	0		21.73		22.8	0
10	16QAM	25	12		21.72			
10	16QAM	25	25		21.80			
10	16QAM	50	0		21.70			
10	64QAM	1	0		21.64		22.8	0
10	64QAM	1	25		21.76			
10	64QAM	1	49		21.76			
10	64QAM	25	0		20.90		21.8	1
10	64QAM	25	12		20.88			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.89			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	21.80	21.93	21.77	22.8	0
5	QPSK	1	12	21.72	21.75	21.71		
5	QPSK	1	24	21.76	21.65	21.67		
5	QPSK	12	0	21.86	21.81	21.74	22.8	0
5	QPSK	12	7	21.74	21.65	21.75		
5	QPSK	12	13	21.74	21.79	21.78		
5	QPSK	25	0	21.84	21.77	21.71		
5	16QAM	1	0	21.73	21.65	21.63	22.8	0
5	16QAM	1	12	21.85	21.66	21.81		
5	16QAM	1	24	21.82	21.75	21.78		
5	16QAM	12	0	21.76	21.89	21.75	22.8	0
5	16QAM	12	7	21.73	21.70	21.71		
5	16QAM	12	13	21.79	21.73	21.80		
5	16QAM	25	0	21.83	21.81	21.72		
5	64QAM	1	0	21.71	21.64	21.70	22.8	0
5	64QAM	1	12	21.77	21.62	21.73		
5	64QAM	1	24	21.76	21.74	21.71		
5	64QAM	12	0	20.88	20.82	20.79	21.8	1
5	64QAM	12	7	20.85	20.79	20.73		
5	64QAM	12	13	20.83	20.83	20.81		
5	64QAM	25	0	20.78	20.86	20.77		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.83	23.85	23.82	24.8	0
10	QPSK	1	25	23.68	23.78	23.76		
10	QPSK	1	49	23.82	23.81	23.81		
10	QPSK	25	0	22.83	22.85	22.82	23.8	1
10	QPSK	25	12	22.75	22.76	22.77		
10	QPSK	25	25	22.80	22.81	22.81		
10	QPSK	50	0	22.79	22.82	22.76		
10	16QAM	1	0	22.93	23.01	22.94	23.8	1
10	16QAM	1	25	23.06	23.03	23.01		
10	16QAM	1	49	23.07	23.02	22.99		
10	16QAM	25	0	21.73	21.73	21.71	22.8	2
10	16QAM	25	12	21.72	21.74	21.73		
10	16QAM	25	25	21.79	21.79	21.78		
10	16QAM	50	0	21.79	21.77	21.74		
10	64QAM	1	0	21.84	21.93	21.83	22.8	2
10	64QAM	1	25	21.96	21.96	21.93		
10	64QAM	1	49	21.98	21.97	21.93		
10	64QAM	25	0	20.72	20.70	20.69	21.8	3
10	64QAM	25	12	20.71	20.74	20.73		
10	64QAM	25	25	20.77	20.80	20.75		
10	64QAM	50	0	20.75	20.75	20.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.76	23.72	24.8	0
5	QPSK	1	12	23.59	23.64	23.63		
5	QPSK	1	24	23.76	23.72	23.70		
5	QPSK	12	0	22.69	22.71	22.71	23.8	1
5	QPSK	12	7	22.65	22.64	22.65		
5	QPSK	12	13	22.65	22.76	22.74		
5	QPSK	25	0	22.63	22.74	22.69		
5	16QAM	1	0	22.82	22.87	22.85	23.8	1
5	16QAM	1	12	22.97	22.98	22.91		
5	16QAM	1	24	22.93	22.88	22.83		
5	16QAM	12	0	21.70	21.57	21.55	22.8	2
5	16QAM	12	7	21.65	21.66	21.68		
5	16QAM	12	13	21.71	21.74	21.68		
5	16QAM	25	0	21.75	21.63	21.58		
5	64QAM	1	0	21.74	21.84	21.78	22.8	2
5	64QAM	1	12	21.89	21.81	21.87		
5	64QAM	1	24	21.87	21.86	21.85		
5	64QAM	12	0	20.57	20.59	20.54	21.8	3
5	64QAM	12	7	20.55	20.67	20.64		
5	64QAM	12	13	20.70	20.66	20.63		
5	64QAM	25	0	20.63	20.67	20.63		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	21.88	21.95	21.85	22.8	0
10	QPSK	1	25	21.70	21.79	21.77		
10	QPSK	1	49	21.64	21.74	21.66		
10	QPSK	25	0	21.84	21.85	21.82	22.8	0
10	QPSK	25	12	21.74	21.73	21.81		
10	QPSK	25	25	21.73	21.70	21.78		
10	QPSK	50	0	21.81	21.83	21.74		
10	16QAM	1	0	21.74	21.70	21.71	22.8	0
10	16QAM	1	25	21.84	21.74	21.80		
10	16QAM	1	49	21.78	21.75	21.71		
10	16QAM	25	0	21.77	21.88	21.79	22.8	0
10	16QAM	25	12	21.75	21.73	21.80		
10	16QAM	25	25	21.85	21.76	21.78		
10	16QAM	50	0	21.78	21.77	21.73		
10	64QAM	1	0	21.76	21.65	21.65	22.8	0
10	64QAM	1	25	21.85	21.73	21.69		
10	64QAM	1	49	21.75	21.68	21.68		
10	64QAM	25	0	20.82	20.80	20.79	21.8	1
10	64QAM	25	12	20.83	20.80	20.79		
10	64QAM	25	25	20.83	20.79	20.77		
10	64QAM	50	0	20.82	20.80	20.78		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	21.86	21.93	21.76	22.8	0
5	QPSK	1	12	21.71	21.73	21.71		
5	QPSK	1	24	21.69	21.71	21.61		
5	QPSK	12	0	21.78	21.86	21.78	22.8	0
5	QPSK	12	7	21.72	21.75	21.68		
5	QPSK	12	13	21.83	21.77	21.75		
5	QPSK	25	0	21.80	21.81	21.72		
5	16QAM	1	0	21.63	21.72	21.68	22.8	0
5	16QAM	1	12	21.80	21.63	21.73		
5	16QAM	1	24	21.78	21.67	21.75		
5	16QAM	12	0	21.83	21.79	21.76	22.8	0
5	16QAM	12	7	21.84	21.72	21.71		
5	16QAM	12	13	21.82	21.69	21.80		
5	16QAM	25	0	21.82	21.75	21.76		
5	64QAM	1	0	21.72	21.67	21.64	22.8	0
5	64QAM	1	12	21.81	21.63	21.79		
5	64QAM	1	24	21.72	21.79	21.73		
5	64QAM	12	0	20.79	20.71	20.76	21.8	1
5	64QAM	12	7	20.74	20.77	20.76		
5	64QAM	12	13	20.69	20.64	20.67		
5	64QAM	25	0	20.68	20.65	20.76		

Band 26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.00	24.03	23.98	24.8	0
15	QPSK	1	37	23.98	23.95	23.95		
15	QPSK	1	74	23.94	23.88	23.90		
15	QPSK	36	0	22.92	22.95	22.90	23.8	1
15	QPSK	36	20	22.85	22.82	22.85		
15	QPSK	36	39	22.90	22.85	22.86		
15	QPSK	75	0	22.92	22.93	22.90		
15	16QAM	1	0	23.17	23.18	23.15	23.8	1
15	16QAM	1	37	23.19	23.19	23.17		
15	16QAM	1	74	23.21	23.11	23.13		
15	16QAM	36	0	21.93	21.95	21.91	22.8	2
15	16QAM	36	20	21.93	21.92	21.92		
15	16QAM	36	39	21.95	21.90	21.89		
15	16QAM	75	0	21.95	21.95	21.94		
15	64QAM	1	0	22.06	22.09	22.06	22.8	2
15	64QAM	1	37	22.02	22.06	22.06		
15	64QAM	1	74	22.11	22.01	22.03		
15	64QAM	36	0	20.95	20.96	20.93	21.8	3
15	64QAM	36	20	20.94	20.92	20.94		
15	64QAM	36	39	20.96	20.91	20.89		
15	64QAM	75	0	20.93	20.93	20.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.94	23.98	23.82	24.8	0
10	QPSK	1	25	23.93	23.82	23.87		
10	QPSK	1	49	23.88	23.75	23.83		
10	QPSK	25	0	22.85	22.81	22.85	23.8	1
10	QPSK	25	12	22.70	22.75	22.78		
10	QPSK	25	25	22.79	22.74	22.80		
10	QPSK	50	0	22.87	22.83	22.77		
10	16QAM	1	0	23.09	23.08	23.08	23.8	1
10	16QAM	1	25	23.10	23.08	23.01		
10	16QAM	1	49	23.11	22.99	23.05		
10	16QAM	25	0	21.88	21.81	21.81	22.8	2
10	16QAM	25	12	21.86	21.87	21.80		
10	16QAM	25	25	21.93	21.79	21.80		
10	16QAM	50	0	21.92	21.89	21.87		
10	64QAM	1	0	21.97	21.99	21.95	22.8	2
10	64QAM	1	25	21.92	21.99	21.95		
10	64QAM	1	49	21.95	21.94	21.95		
10	64QAM	25	0	20.80	20.89	20.81	21.8	3
10	64QAM	25	12	20.80	20.77	20.87		
10	64QAM	25	25	20.86	20.79	20.76		
10	64QAM	50	0	20.81	20.87	20.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.92	23.87	23.89	24.8	0
5	QPSK	1	12	23.90	23.89	23.82		
5	QPSK	1	24	23.85	23.81	23.82		
5	QPSK	12	0	22.78	22.81	22.82	23.8	1
5	QPSK	12	7	22.70	22.68	22.70		
5	QPSK	12	13	22.83	22.80	22.70		
5	QPSK	25	0	22.86	22.77	22.83		
5	16QAM	1	0	23.12	23.11	23.00	23.8	1
5	16QAM	1	12	23.03	23.11	23.05		
5	16QAM	1	24	23.06	22.97	23.01		
5	16QAM	12	0	21.85	21.83	21.76	22.8	2
5	16QAM	12	7	21.91	21.87	21.80		
5	16QAM	12	13	21.90	21.83	21.79		
5	16QAM	25	0	21.93	21.84	21.84		
5	64QAM	1	0	21.99	21.98	21.91	22.8	2
5	64QAM	1	12	21.96	21.98	21.93		
5	64QAM	1	24	21.95	21.94	21.96		
5	64QAM	12	0	20.89	20.80	20.80	21.8	3
5	64QAM	12	7	20.84	20.76	20.82		
5	64QAM	12	13	20.82	20.82	20.84		
5	64QAM	25	0	20.79	20.81	20.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.84	23.88	23.84	24.8	0
3	QPSK	1	8	23.92	23.82	23.81		
3	QPSK	1	14	23.89	23.72	23.83		
3	QPSK	8	0	22.80	22.88	22.77	23.8	1
3	QPSK	8	4	22.71	22.66	22.75		
3	QPSK	8	7	22.82	22.73	22.80		
3	QPSK	15	0	22.80	22.78	22.74		
3	16QAM	1	0	23.07	23.07	23.04	23.8	1
3	16QAM	1	8	23.11	23.04	23.06		
3	16QAM	1	14	23.05	22.96	23.06		
3	16QAM	8	0	21.87	21.85	21.83	22.8	2
3	16QAM	8	4	21.89	21.83	21.85		
3	16QAM	8	7	21.90	21.77	21.77		
3	16QAM	15	0	21.93	21.81	21.88		
3	64QAM	1	0	21.92	21.99	22.00	22.8	2
3	64QAM	1	8	21.86	21.94	21.98		
3	64QAM	1	14	22.02	21.89	21.98		
3	64QAM	8	0	20.90	20.87	20.78	21.8	3
3	64QAM	8	4	20.87	20.85	20.83		
3	64QAM	8	7	20.87	20.78	20.82		
3	64QAM	15	0	20.79	20.82	20.82		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.86	23.98	23.83	24.8	0
1.4	QPSK	1	3	23.90	23.88	23.87		
1.4	QPSK	1	5	23.82	23.77	23.85		
1.4	QPSK	3	0	23.85	23.87	23.89		
1.4	QPSK	3	1	23.91	23.90	23.89		
1.4	QPSK	3	3	23.83	23.83	23.83		
1.4	QPSK	6	0	22.77	22.89	22.75	23.8	1
1.4	16QAM	1	0	22.73	22.68	22.72	23.8	1
1.4	16QAM	1	3	22.77	22.77	22.70		
1.4	16QAM	1	5	22.87	22.87	22.84		
1.4	16QAM	3	0	23.11	23.10	23.10		
1.4	16QAM	3	1	23.09	23.05	23.05		
1.4	16QAM	3	3	23.16	23.04	23.04		
1.4	16QAM	6	0	21.85	21.85	21.82	22.8	2
1.4	64QAM	1	0	21.91	21.78	21.84	22.8	2
1.4	64QAM	1	3	21.93	21.75	21.75		
1.4	64QAM	1	5	21.88	21.88	21.87		
1.4	64QAM	3	0	21.98	21.94	21.98		
1.4	64QAM	3	1	21.88	21.98	21.95		
1.4	64QAM	3	3	21.99	21.93	21.87		
1.4	64QAM	6	0	20.89	20.88	20.81	21.8	3

Band 26_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	20.03	20.10	20.00	20.8	0
15	QPSK	1	37	19.90	19.83	19.92		
15	QPSK	1	74	19.99	19.92	19.87		
15	QPSK	36	0	19.90	20.02	19.99	20.8	0
15	QPSK	36	20	19.89	20.01	19.96		
15	QPSK	36	39	19.86	19.91	19.98		
15	QPSK	75	0	19.92	19.95	19.89		
15	16QAM	1	0	19.92	19.90	19.91	20.8	0
15	16QAM	1	37	19.96	19.96	19.81		
15	16QAM	1	74	19.94	19.82	19.96		
15	16QAM	36	0	19.89	19.83	19.80	20.8	0
15	16QAM	36	20	19.90	20.05	19.78		
15	16QAM	36	39	19.93	19.94	19.86		
15	16QAM	75	0	19.88	19.92	19.95		
15	64QAM	1	0	19.89	19.92	19.88	20.8	0
15	64QAM	1	37	19.90	20.00	19.85		
15	64QAM	1	74	19.99	19.87	19.78		
15	64QAM	36	0	19.92	19.81	19.89	20.8	0
15	64QAM	36	20	19.89	19.93	19.77		
15	64QAM	36	39	19.93	19.98	19.90		
15	64QAM	75	0	19.90	19.98	19.86		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	19.97	20.05	20.00	20.8	0
10	QPSK	1	25	19.90	19.82	19.89		
10	QPSK	1	49	19.91	19.96	19.85		
10	QPSK	25	0	19.93	19.98	19.98	20.8	0
10	QPSK	25	12	19.86	19.99	19.90		
10	QPSK	25	25	19.81	19.87	19.97		
10	QPSK	50	0	19.99	19.94	19.87		
10	16QAM	1	0	19.88	19.83	19.88	20.8	0
10	16QAM	1	25	19.86	19.94	19.84		
10	16QAM	1	49	19.92	19.86	19.85		
10	16QAM	25	0	19.87	19.94	19.77	20.8	0
10	16QAM	25	12	19.98	19.98	19.80		
10	16QAM	25	25	19.91	19.98	19.80		
10	16QAM	50	0	19.85	19.95	19.91		
10	64QAM	1	0	19.81	19.96	19.89	20.8	0
10	64QAM	1	25	19.94	20.02	19.86		
10	64QAM	1	49	19.94	19.93	19.88		
10	64QAM	25	0	19.89	19.82	19.85	20.8	0
10	64QAM	25	12	19.96	19.85	19.76		
10	64QAM	25	25	19.83	19.93	19.87		
10	64QAM	50	0	19.81	20.02	19.95		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	19.88	19.97	20.00	20.8	0
5	QPSK	1	12	19.87	19.94	19.88		
5	QPSK	1	24	19.94	19.94	19.95		
5	QPSK	12	0	19.90	20.04	19.96	20.8	0
5	QPSK	12	7	19.85	19.95	19.93		
5	QPSK	12	13	19.94	19.91	19.85		
5	QPSK	25	0	19.97	19.98	19.88		
5	16QAM	1	0	19.99	19.84	19.87	20.8	0
5	16QAM	1	12	19.92	20.00	19.82		
5	16QAM	1	24	19.88	19.84	19.97		
5	16QAM	12	0	19.98	19.85	19.81	20.8	0
5	16QAM	12	7	19.90	19.93	19.81		
5	16QAM	12	13	19.96	19.91	19.76		
5	16QAM	25	0	19.78	19.96	19.90		
5	64QAM	1	0	19.84	20.04	19.80	20.8	0
5	64QAM	1	12	19.98	20.01	19.88		
5	64QAM	1	24	20.00	19.86	19.76		
5	64QAM	12	0	19.89	19.80	19.81	20.8	0
5	64QAM	12	7	19.83	19.81	19.84		
5	64QAM	12	13	19.91	19.94	19.89		
5	64QAM	25	0	19.87	20.05	19.95		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	20.01	20.08	19.95	20.8	0
3	QPSK	1	8	19.93	19.95	19.97		
3	QPSK	1	14	19.86	19.90	19.87		
3	QPSK	8	0	19.97	20.06	19.97	20.8	0
3	QPSK	8	4	19.94	19.99	19.90		
3	QPSK	8	7	19.91	19.82	19.94		
3	QPSK	15	0	19.99	19.95	19.92		
3	16QAM	1	0	19.92	19.90	19.96	20.8	0
3	16QAM	1	8	19.96	19.99	19.87		
3	16QAM	1	14	19.91	19.88	19.93		
3	16QAM	8	0	19.89	19.88	19.88	20.8	0
3	16QAM	8	4	19.86	20.05	19.79		
3	16QAM	8	7	19.96	19.92	19.88		
3	16QAM	15	0	19.87	19.98	19.86		
3	64QAM	1	0	19.88	20.01	19.81	20.8	0
3	64QAM	1	8	19.99	20.02	19.82		
3	64QAM	1	14	20.03	19.87	19.87		
3	64QAM	8	0	19.87	19.90	19.84	20.8	0
3	64QAM	8	4	19.89	19.84	19.77		
3	64QAM	8	7	19.91	19.94	19.89		
3	64QAM	15	0	19.81	20.05	19.85		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	20.00	20.03	20.00	20.8	0
1.4	QPSK	1	3	19.95	19.95	19.91		
1.4	QPSK	1	5	19.97	19.91	19.85		
1.4	QPSK	3	0	20.00	19.96	19.92		
1.4	QPSK	3	1	19.82	19.95	19.93		
1.4	QPSK	3	3	19.83	19.84	19.86		
1.4	QPSK	6	0	19.88	19.95	19.81	20.8	0
1.4	16QAM	1	0	19.94	19.82	19.85	20.8	0
1.4	16QAM	1	3	19.85	19.99	19.87		
1.4	16QAM	1	5	19.87	19.84	19.85		
1.4	16QAM	3	0	19.88	19.88	19.81		
1.4	16QAM	3	1	19.93	20.05	19.80		
1.4	16QAM	3	3	20.02	19.89	19.79		
1.4	16QAM	6	0	19.82	20.02	19.88	20.8	0
1.4	64QAM	1	0	19.86	20.00	19.83	20.8	0
1.4	64QAM	1	3	20.03	20.02	19.89		
1.4	64QAM	1	5	19.94	19.88	19.87		
1.4	64QAM	3	0	19.94	19.91	19.83		
1.4	64QAM	3	1	19.94	19.85	19.80		
1.4	64QAM	3	3	19.88	19.92	19.85		
1.4	64QAM	6	0	19.89	19.99	19.91	20.8	0

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.85	24.15	24.04	24.8	0
20	QPSK	1	49	23.66	24.10	23.85		
20	QPSK	1	99	23.72	24.00	23.68		
20	QPSK	50	0	22.80	23.08	23.01	23.8	1
20	QPSK	50	24	22.70	23.07	22.91		
20	QPSK	50	50	22.76	23.03	22.79		
20	QPSK	100	0	22.71	23.04	22.90		
20	16QAM	1	0	22.99	23.24	23.32	23.8	1
20	16QAM	1	49	22.96	23.40	23.14		
20	16QAM	1	99	23.00	23.30	22.96		
20	16QAM	50	0	21.68	22.07	22.00	22.8	2
20	16QAM	50	24	21.70	22.07	21.91		
20	16QAM	50	50	21.75	22.02	21.77		
20	16QAM	100	0	21.70	22.02	21.87		
20	64QAM	1	0	21.82	22.05	22.13	22.8	2
20	64QAM	1	49	21.78	22.21	21.96		
20	64QAM	1	99	21.83	22.10	21.78		
20	64QAM	50	0	20.66	21.06	21.00	21.8	3
20	64QAM	50	24	20.68	21.05	20.90		
20	64QAM	50	50	20.75	21.03	20.76		
20	64QAM	100	0	20.71	21.03	20.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.73	23.99	23.93	24.8	0
15	QPSK	1	37	23.61	24.01	23.78		
15	QPSK	1	74	23.60	23.86	23.60		
15	QPSK	36	0	22.68	22.96	22.87	23.8	1
15	QPSK	36	20	22.54	22.96	22.79		
15	QPSK	36	39	22.68	22.87	22.67		
15	QPSK	75	0	22.63	22.98	22.74		
15	16QAM	1	0	22.94	23.10	23.18	23.8	1
15	16QAM	1	37	22.80	23.24	23.09		
15	16QAM	1	74	22.86	23.20	22.91		
15	16QAM	36	0	21.65	21.97	21.92	22.8	2
15	16QAM	36	20	21.63	22.00	21.79		
15	16QAM	36	39	21.73	21.89	21.72		
15	16QAM	75	0	21.67	21.92	21.78		
15	64QAM	1	0	21.72	21.93	22.04	22.8	2
15	64QAM	1	37	21.69	22.11	21.85		
15	64QAM	1	74	21.78	21.99	21.71		
15	64QAM	36	0	20.57	20.96	20.90	21.8	3
15	64QAM	36	20	20.52	20.96	20.83		
15	64QAM	36	39	20.66	20.91	20.70		
15	64QAM	75	0	20.63	20.89	20.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.78	24.07	23.97	24.8	0
10	QPSK	1	25	23.54	24.05	23.70		
10	QPSK	1	49	23.60	23.88	23.61		
10	QPSK	25	0	22.71	23.00	22.91	23.8	1
10	QPSK	25	12	22.60	22.94	22.79		
10	QPSK	25	25	22.60	22.92	22.64		
10	QPSK	50	0	22.66	22.90	22.77		
10	16QAM	1	0	22.91	23.18	23.16	23.8	1
10	16QAM	1	25	22.88	23.31	22.99		
10	16QAM	1	49	22.85	23.20	22.82		
10	16QAM	25	0	21.66	22.02	21.94	22.8	2
10	16QAM	25	12	21.63	21.99	21.80		
10	16QAM	25	25	21.67	21.89	21.71		
10	16QAM	50	0	21.64	21.90	21.77		
10	64QAM	1	0	21.76	21.97	22.05	22.8	2
10	64QAM	1	25	21.71	22.14	21.80		
10	64QAM	1	49	21.78	21.95	21.71		
10	64QAM	25	0	20.58	20.98	20.90	21.8	3
10	64QAM	25	12	20.63	20.96	20.83		
10	64QAM	25	25	20.62	20.88	20.65		
10	64QAM	50	0	20.55	20.92	20.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.78	24.00	23.91	24.8	0
5	QPSK	1	12	23.52	24.02	23.71		
5	QPSK	1	24	23.60	23.94	23.54		
5	QPSK	12	0	22.68	23.02	22.96	23.8	1
5	QPSK	12	7	22.63	23.02	22.76		
5	QPSK	12	13	22.64	22.88	22.71		
5	QPSK	25	0	22.59	22.91	22.79		
5	16QAM	1	0	22.89	23.08	23.22	23.8	1
5	16QAM	1	12	22.90	23.24	23.09		
5	16QAM	1	24	22.84	23.24	22.86		
5	16QAM	12	0	21.64	21.94	21.91	22.8	2
5	16QAM	12	7	21.62	21.91	21.81		
5	16QAM	12	13	21.71	21.94	21.65		
5	16QAM	25	0	21.65	21.88	21.72		
5	64QAM	1	0	21.73	21.98	22.08	22.8	2
5	64QAM	1	12	21.70	22.10	21.80		
5	64QAM	1	24	21.70	21.98	21.66		
5	64QAM	12	0	20.52	21.00	20.90	21.8	3
5	64QAM	12	7	20.55	20.98	20.83		
5	64QAM	12	13	20.64	20.90	20.67		
5	64QAM	25	0	20.66	20.95	20.73		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.70	24.10	23.98	24.8	0
3	QPSK	1	8	23.60	24.02	23.78		
3	QPSK	1	14	23.58	23.88	23.57		
3	QPSK	8	0	22.64	22.94	22.85	23.8	1
3	QPSK	8	4	22.55	22.99	22.81		
3	QPSK	8	7	22.65	22.93	22.72		
3	QPSK	15	0	22.62	22.90	22.85		
3	16QAM	1	0	22.92	23.18	23.23	23.8	1
3	16QAM	1	8	22.90	23.33	23.08		
3	16QAM	1	14	22.90	23.21	22.87		
3	16QAM	8	0	21.62	21.93	21.86	22.8	2
3	16QAM	8	4	21.65	22.01	21.83		
3	16QAM	8	7	21.67	21.94	21.72		
3	16QAM	15	0	21.62	21.95	21.72		
3	64QAM	1	0	21.69	21.97	22.04	22.8	2
3	64QAM	1	8	21.71	22.10	21.81		
3	64QAM	1	14	21.73	22.00	21.64		
3	64QAM	8	0	20.60	21.01	20.93	21.8	3
3	64QAM	8	4	20.62	20.92	20.80		
3	64QAM	8	7	20.69	20.90	20.70		
3	64QAM	15	0	20.62	20.87	20.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.77	24.01	23.89	24.8	0
1.4	QPSK	1	3	23.52	23.99	23.76		
1.4	QPSK	1	5	23.65	23.91	23.57		
1.4	QPSK	3	0	23.78	24.08	23.97		
1.4	QPSK	3	1	23.54	23.97	23.79		
1.4	QPSK	3	3	23.67	23.92	23.58		
1.4	QPSK	6	0	22.67	22.94	22.96	23.8	1
1.4	16QAM	1	0	22.62	22.96	22.78	23.8	1
1.4	16QAM	1	3	22.67	22.89	22.65		
1.4	16QAM	1	5	22.61	22.98	22.83		
1.4	16QAM	3	0	22.86	23.11	23.26		
1.4	16QAM	3	1	22.91	23.34	23.07		
1.4	16QAM	3	3	22.94	23.17	22.88		
1.4	16QAM	6	0	21.66	22.02	21.87	22.8	2
1.4	64QAM	1	0	21.62	21.97	21.80	22.8	2
1.4	64QAM	1	3	21.71	21.86	21.70		
1.4	64QAM	1	5	21.68	21.96	21.76		
1.4	64QAM	3	0	21.73	21.96	22.08		
1.4	64QAM	3	1	21.62	22.05	21.81		
1.4	64QAM	3	3	21.67	22.04	21.68		
1.4	64QAM	6	0	20.61	20.90	20.90	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.93	18.12	18.06	18.8	0
20	QPSK	1	49	17.58	17.89	17.94		
20	QPSK	1	99	17.73	17.76	17.75		
20	QPSK	50	0	17.88	17.95	17.93	18.8	0
20	QPSK	50	24	17.64	17.90	17.92		
20	QPSK	50	50	17.63	17.81	17.86		
20	QPSK	100	0	17.63	17.90	17.85		
20	16QAM	1	0	17.63	17.84	17.72	18.8	0
20	16QAM	1	49	17.62	17.78	17.94		
20	16QAM	1	99	17.67	17.81	17.77		
20	16QAM	50	0	17.58	17.85	17.80	18.8	0
20	16QAM	50	24	17.69	17.73	17.81		
20	16QAM	50	50	17.52	17.96	17.89		
20	16QAM	100	0	17.67	17.83	17.78		
20	64QAM	1	0	17.60	17.75	17.83	18.8	0
20	64QAM	1	49	17.63	17.88	17.84		
20	64QAM	1	99	17.60	17.85	17.85		
20	64QAM	50	0	17.68	17.82	17.72	18.8	0
20	64QAM	50	24	17.55	17.84	17.81		
20	64QAM	50	50	17.65	17.85	17.82		
20	64QAM	100	0	17.61	17.94	17.83		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.95	18.08	17.83	18.8	0
15	QPSK	1	37	17.57	17.84	17.93		
15	QPSK	1	74	17.61	17.80	17.76		
15	QPSK	36	0	17.88	18.02	17.90	18.8	0
15	QPSK	36	20	17.63	17.82	17.83		
15	QPSK	36	39	17.64	17.87	17.80		
15	QPSK	75	0	17.65	17.90	17.87		
15	16QAM	1	0	17.67	17.85	17.85	18.8	0
15	16QAM	1	37	17.69	17.79	17.85		
15	16QAM	1	74	17.63	17.89	17.80		
15	16QAM	36	0	17.51	17.79	17.87	18.8	0
15	16QAM	36	20	17.67	17.79	17.72		
15	16QAM	36	39	17.53	17.91	17.87		
15	16QAM	75	0	17.65	17.93	17.78		
15	64QAM	1	0	17.60	17.75	17.79	18.8	0
15	64QAM	1	37	17.65	17.78	17.82		
15	64QAM	1	74	17.67	17.93	17.74		
15	64QAM	36	0	17.67	17.83	17.73	18.8	0
15	64QAM	36	20	17.63	17.72	17.84		
15	64QAM	36	39	17.65	17.78	17.88		
15	64QAM	75	0	17.65	17.82	17.75		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.94	17.98	17.96	18.8	0
10	QPSK	1	25	17.61	17.88	17.81		
10	QPSK	1	49	17.66	17.75	17.77		
10	QPSK	25	0	17.78	18.01	17.95	18.8	0
10	QPSK	25	12	17.63	17.79	17.94		
10	QPSK	25	25	17.51	17.80	17.91		
10	QPSK	50	0	17.71	17.89	17.76		
10	16QAM	1	0	17.60	17.86	17.80	18.8	0
10	16QAM	1	25	17.68	17.83	17.89		
10	16QAM	1	49	17.55	17.80	17.75		
10	16QAM	25	0	17.56	17.81	17.87	18.8	0
10	16QAM	25	12	17.67	17.75	17.83		
10	16QAM	25	25	17.62	17.92	17.85		
10	16QAM	50	0	17.69	17.85	17.77		
10	64QAM	1	0	17.60	17.83	17.81	18.8	0
10	64QAM	1	25	17.67	17.80	17.93		
10	64QAM	1	49	17.68	17.84	17.82		
10	64QAM	25	0	17.60	17.84	17.81	18.8	0
10	64QAM	25	12	17.66	17.79	17.75		
10	64QAM	25	25	17.64	17.79	17.85		
10	64QAM	50	0	17.65	17.85	17.72		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.82	17.99	17.93	18.8	0
5	QPSK	1	12	17.63	17.95	17.83		
5	QPSK	1	24	17.73	17.87	17.77		
5	QPSK	12	0	17.82	17.99	17.94	18.8	0
5	QPSK	12	7	17.51	17.86	17.81		
5	QPSK	12	13	17.56	17.87	17.91		
5	QPSK	25	0	17.65	17.94	17.79		
5	16QAM	1	0	17.66	17.85	17.82	18.8	0
5	16QAM	1	12	17.66	17.84	17.82		
5	16QAM	1	24	17.54	17.88	17.82		
5	16QAM	12	0	17.58	17.78	17.78	18.8	0
5	16QAM	12	7	17.62	17.71	17.72		
5	16QAM	12	13	17.63	17.85	17.89		
5	16QAM	25	0	17.66	17.85	17.81		
5	64QAM	1	0	17.61	17.78	17.82	18.8	0
5	64QAM	1	12	17.56	17.87	17.91		
5	64QAM	1	24	17.70	17.85	17.80		
5	64QAM	12	0	17.67	17.86	17.69	18.8	0
5	64QAM	12	7	17.60	17.75	17.87		
5	64QAM	12	13	17.54	17.76	17.78		
5	64QAM	25	0	17.56	17.91	17.72		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.89	18.07	17.93	18.8	0
3	QPSK	1	8	17.61	17.95	17.88		
3	QPSK	1	14	17.70	17.86	17.82		
3	QPSK	8	0	17.89	17.95	17.93	18.8	0
3	QPSK	8	4	17.60	17.90	17.87		
3	QPSK	8	7	17.59	17.84	17.82		
3	QPSK	15	0	17.73	17.92	17.89		
3	16QAM	1	0	17.68	17.79	17.73	18.8	0
3	16QAM	1	8	17.60	17.75	17.92		
3	16QAM	1	14	17.66	17.84	17.79		
3	16QAM	8	0	17.54	17.77	17.81	18.8	0
3	16QAM	8	4	17.71	17.74	17.80		
3	16QAM	8	7	17.56	17.88	17.88		
3	16QAM	15	0	17.76	17.82	17.86		
3	64QAM	1	0	17.58	17.73	17.84	18.8	0
3	64QAM	1	8	17.59	17.76	17.91		
3	64QAM	1	14	17.65	17.94	17.77		
3	64QAM	8	0	17.68	17.90	17.70	18.8	0
3	64QAM	8	4	17.58	17.81	17.81		
3	64QAM	8	7	17.61	17.75	17.90		
3	64QAM	15	0	17.56	17.88	17.74		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.83	17.98	17.94	18.8	0
1.4	QPSK	1	3	17.68	17.87	17.90		
1.4	QPSK	1	5	17.61	17.86	17.74		
1.4	QPSK	3	0	17.82	18.03	17.85		
1.4	QPSK	3	1	17.56	17.80	17.93		
1.4	QPSK	3	3	17.58	17.80	17.92		
1.4	QPSK	6	0	17.72	17.94	17.80	18.8	0
1.4	16QAM	1	0	17.69	17.87	17.84	18.8	0
1.4	16QAM	1	3	17.67	17.87	17.91		
1.4	16QAM	1	5	17.63	17.85	17.88		
1.4	16QAM	3	0	17.51	17.82	17.84		
1.4	16QAM	3	1	17.63	17.72	17.78		
1.4	16QAM	3	3	17.55	17.85	17.76		
1.4	16QAM	6	0	17.72	17.82	17.76	18.8	0
1.4	64QAM	1	0	17.56	17.74	17.78	18.8	0
1.4	64QAM	1	3	17.56	17.76	17.92		
1.4	64QAM	1	5	17.67	17.91	17.86		
1.4	64QAM	3	0	17.61	17.89	17.80		
1.4	64QAM	3	1	17.54	17.85	17.88		
1.4	64QAM	3	3	17.54	17.72	17.81		
1.4	64QAM	6	0	17.57	17.86	17.73	18.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.52	23.65	23.58	24.3	0
20	QPSK	1	49	23.29	23.56	23.35		
20	QPSK	1	99	23.33	23.47	23.21		
20	QPSK	50	0	22.39	22.60	22.42	23.3	1
20	QPSK	50	24	22.36	22.57	22.39		
20	QPSK	50	50	22.35	22.51	22.27		
20	QPSK	100	0	22.35	22.53	22.32		
20	16QAM	1	0	22.53	22.81	22.78	23.3	1
20	16QAM	1	49	22.56	22.78	22.57		
20	16QAM	1	99	22.59	22.74	22.43		
20	16QAM	50	0	21.38	21.59	21.41	22.3	2
20	16QAM	50	24	21.36	21.57	21.37		
20	16QAM	50	50	21.36	21.53	21.27		
20	16QAM	100	0	21.34	21.53	21.32		
20	64QAM	1	0	21.52	21.76	21.75	22.3	2
20	64QAM	1	49	21.54	21.80	21.49		
20	64QAM	1	99	21.55	21.70	21.43		
20	64QAM	50	0	20.39	20.59	20.40	21.3	3
20	64QAM	50	24	20.35	20.57	20.38		
20	64QAM	50	50	20.35	20.54	20.29		
20	64QAM	100	0	20.35	20.54	20.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.47	23.56	23.43	24.3	0
15	QPSK	1	37	23.18	23.42	23.23		
15	QPSK	1	74	23.21	23.34	23.16		
15	QPSK	36	0	22.31	22.48	22.27	23.3	1
15	QPSK	36	20	22.29	22.41	22.27		
15	QPSK	36	39	22.19	22.40	22.20		
15	QPSK	75	0	22.19	22.42	22.23		
15	16QAM	1	0	22.47	22.70	22.65	23.3	1
15	16QAM	1	37	22.41	22.69	22.45		
15	16QAM	1	74	22.47	22.59	22.38		
15	16QAM	36	0	21.36	21.54	21.34	22.3	2
15	16QAM	36	20	21.32	21.47	21.30		
15	16QAM	36	39	21.32	21.46	21.20		
15	16QAM	75	0	21.31	21.37	21.20		
15	64QAM	1	0	21.44	21.69	21.59	22.3	2
15	64QAM	1	37	21.39	21.74	21.34		
15	64QAM	1	74	21.49	21.62	21.29		
15	64QAM	36	0	20.29	20.45	20.27	21.3	3
15	64QAM	36	20	20.19	20.41	20.22		
15	64QAM	36	39	20.27	20.49	20.18		
15	64QAM	75	0	20.29	20.47	20.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.43	23.52	23.47	24.3	0
10	QPSK	1	25	23.17	23.41	23.22		
10	QPSK	1	49	23.25	23.32	23.15		
10	QPSK	25	0	22.34	22.47	22.36	23.3	1
10	QPSK	25	12	22.28	22.51	22.27		
10	QPSK	25	25	22.22	22.39	22.14		
10	QPSK	50	0	22.30	22.42	22.19		
10	16QAM	1	0	22.48	22.73	22.72	23.3	1
10	16QAM	1	25	22.42	22.65	22.51		
10	16QAM	1	49	22.49	22.64	22.27		
10	16QAM	25	0	21.31	21.44	21.35	22.3	2
10	16QAM	25	12	21.28	21.46	21.23		
10	16QAM	25	25	21.31	21.46	21.21		
10	16QAM	50	0	21.26	21.46	21.22		
10	64QAM	1	0	21.47	21.61	21.65	22.3	2
10	64QAM	1	25	21.42	21.65	21.41		
10	64QAM	1	49	21.41	21.64	21.36		
10	64QAM	25	0	20.31	20.44	20.35	21.3	3
10	64QAM	25	12	20.26	20.41	20.26		
10	64QAM	25	25	20.23	20.44	20.19		
10	64QAM	50	0	20.26	20.41	20.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.56	23.42	24.3	0
5	QPSK	1	12	23.17	23.43	23.25		
5	QPSK	1	24	23.27	23.42	23.16		
5	QPSK	12	0	22.26	22.46	22.37	23.3	1
5	QPSK	12	7	22.31	22.48	22.24		
5	QPSK	12	13	22.20	22.38	22.21		
5	QPSK	25	0	22.30	22.41	22.22		
5	16QAM	1	0	22.46	22.72	22.62	23.3	1
5	16QAM	1	12	22.48	22.63	22.51		
5	16QAM	1	24	22.46	22.69	22.36		
5	16QAM	12	0	21.34	21.52	21.31	22.3	2
5	16QAM	12	7	21.34	21.51	21.22		
5	16QAM	12	13	21.34	21.38	21.11		
5	16QAM	25	0	21.28	21.37	21.18		
5	64QAM	1	0	21.39	21.62	21.65	22.3	2
5	64QAM	1	12	21.40	21.67	21.41		
5	64QAM	1	24	21.39	21.59	21.31		
5	64QAM	12	0	20.25	20.53	20.35	21.3	3
5	64QAM	12	7	20.25	20.46	20.32		
5	64QAM	12	13	20.22	20.47	20.19		
5	64QAM	25	0	20.20	20.40	20.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.36	23.57	23.43	24.3	0
3	QPSK	1	8	23.22	23.44	23.29		
3	QPSK	1	14	23.21	23.39	23.07		
3	QPSK	8	0	22.32	22.55	22.35	23.3	1
3	QPSK	8	4	22.24	22.42	22.29		
3	QPSK	8	7	22.26	22.38	22.18		
3	QPSK	15	0	22.25	22.41	22.17		
3	16QAM	1	0	22.37	22.75	22.72	23.3	1
3	16QAM	1	8	22.43	22.69	22.44		
3	16QAM	1	14	22.44	22.65	22.31		
3	16QAM	8	0	21.31	21.45	21.26	22.3	2
3	16QAM	8	4	21.32	21.50	21.30		
3	16QAM	8	7	21.33	21.47	21.12		
3	16QAM	15	0	21.27	21.41	21.17		
3	64QAM	1	0	21.41	21.60	21.68	22.3	2
3	64QAM	1	8	21.41	21.73	21.36		
3	64QAM	1	14	21.50	21.60	21.33		
3	64QAM	8	0	20.32	20.46	20.31	21.3	3
3	64QAM	8	4	20.22	20.42	20.24		
3	64QAM	8	7	20.27	20.45	20.22		
3	64QAM	15	0	20.27	20.39	20.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.24	23.52	23.26	24.3	0
1.4	QPSK	1	3	23.26	23.51	23.22		
1.4	QPSK	1	5	23.28	23.51	23.23		
1.4	QPSK	3	0	23.28	23.48	23.25		
1.4	QPSK	3	1	23.29	23.49	23.25		
1.4	QPSK	3	3	23.30	23.49	23.25		
1.4	QPSK	6	0	22.28	22.49	22.27	23.3	1
1.4	16QAM	1	0	22.51	22.76	22.52	23.3	1
1.4	16QAM	1	3	22.50	22.75	22.48		
1.4	16QAM	1	5	22.48	22.75	22.47		
1.4	16QAM	3	0	22.26	22.51	22.26		
1.4	16QAM	3	1	22.28	22.53	22.27		
1.4	16QAM	3	3	22.25	22.48	22.26		
1.4	16QAM	6	0	21.31	21.57	21.33	22.3	2
1.4	64QAM	1	0	21.44	21.72	21.47	22.3	2
1.4	64QAM	1	3	21.44	21.71	21.43		
1.4	64QAM	1	5	21.42	21.72	21.42		
1.4	64QAM	3	0	21.34	21.59	21.39		
1.4	64QAM	3	1	21.33	21.57	21.39		
1.4	64QAM	3	3	21.33	21.58	21.37		
1.4	64QAM	6	0	20.24	20.47	20.23	21.3	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.37	24.40	24.30	24.8	0
20	QPSK	1	49	24.35	24.26	24.20		
20	QPSK	1	99	24.31	24.19	24.18		
20	QPSK	50	0	23.34	23.37	23.25	23.8	1
20	QPSK	50	24	23.32	23.20	23.14		
20	QPSK	50	50	23.30	23.20	23.15		
20	QPSK	100	0	23.30	23.35	23.14		
20	16QAM	1	0	23.30	23.21	23.15	23.8	1
20	16QAM	1	49	23.34	23.23	23.17		
20	16QAM	1	99	23.32	23.22	23.19		
20	16QAM	50	0	22.34	22.20	22.14	22.8	2
20	16QAM	50	24	22.35	22.22	22.16		
20	16QAM	50	50	22.34	22.22	22.16		
20	16QAM	100	0	22.32	22.20	22.15		
20	64QAM	1	0	22.08	21.94	21.90	22.8	2
20	64QAM	1	49	22.12	21.96	21.95		
20	64QAM	1	99	22.08	21.94	21.94		
20	64QAM	50	0	21.30	21.17	21.11	21.8	3
20	64QAM	50	24	21.32	21.18	21.13		
20	64QAM	50	50	21.32	21.20	21.12		
20	64QAM	100	0	21.32	21.17	21.12		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.28	24.27	24.21	24.8	0
15	QPSK	1	37	24.30	24.10	24.07		
15	QPSK	1	74	24.23	24.07	24.04		
15	QPSK	36	0	23.26	23.23	23.19	23.8	1
15	QPSK	36	20	23.24	23.10	23.09		
15	QPSK	36	39	23.18	23.09	23.07		
15	QPSK	75	0	23.24	23.30	22.98		
15	16QAM	1	0	23.18	23.07	23.02	23.8	1
15	16QAM	1	37	23.24	23.14	23.09		
15	16QAM	1	74	23.19	23.15	23.08		
15	16QAM	36	0	22.27	22.13	22.00	22.8	2
15	16QAM	36	20	22.30	22.12	22.02		
15	16QAM	36	39	22.31	22.12	22.06		
15	16QAM	75	0	22.26	22.04	22.10		
15	64QAM	1	0	22.01	21.87	21.77	22.8	2
15	64QAM	1	37	22.04	21.83	21.79		
15	64QAM	1	74	21.95	21.82	21.81		
15	64QAM	36	0	21.16	21.02	20.99	21.8	3
15	64QAM	36	20	21.21	21.08	21.08		
15	64QAM	36	39	21.18	21.04	21.07		
15	64QAM	75	0	21.22	21.10	21.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.24	24.30	24.15	24.8	0
10	QPSK	1	25	24.24	24.11	24.15		
10	QPSK	1	49	24.26	24.03	24.11		
10	QPSK	25	0	23.21	23.23	23.09	23.8	1
10	QPSK	25	12	23.21	23.09	23.05		
10	QPSK	25	25	23.20	23.07	23.05		
10	QPSK	50	0	23.23	23.20	23.06		
10	16QAM	1	0	23.17	23.13	23.09	23.8	1
10	16QAM	1	25	23.18	23.08	23.12		
10	16QAM	1	49	23.24	23.11	23.07		
10	16QAM	25	0	22.31	22.14	21.99	22.8	2
10	16QAM	25	12	22.30	22.13	22.04		
10	16QAM	25	25	22.28	22.07	22.02		
10	16QAM	50	0	22.26	22.05	21.99		
10	64QAM	1	0	21.98	21.86	21.76	22.8	2
10	64QAM	1	25	22.00	21.86	21.88		
10	64QAM	1	49	22.00	21.81	21.89		
10	64QAM	25	0	21.22	21.11	21.03	21.8	3
10	64QAM	25	12	21.20	21.07	21.05		
10	64QAM	25	25	21.26	21.07	20.99		
10	64QAM	50	0	21.23	21.05	20.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.22	24.31	24.21	24.8	0
5	QPSK	1	12	24.30	24.11	24.10		
5	QPSK	1	24	24.24	24.03	24.13		
5	QPSK	12	0	23.18	23.31	23.10	23.8	1
5	QPSK	12	7	23.25	23.14	23.01		
5	QPSK	12	13	23.24	23.15	23.04		
5	QPSK	25	0	23.14	23.24	22.99		
5	16QAM	1	0	23.15	23.15	23.00	23.8	1
5	16QAM	1	12	23.19	23.13	23.05		
5	16QAM	1	24	23.23	23.14	23.14		
5	16QAM	12	0	22.28	22.05	22.01	22.8	2
5	16QAM	12	7	22.33	22.13	22.07		
5	16QAM	12	13	22.26	22.15	22.10		
5	16QAM	25	0	22.26	22.05	22.05		
5	64QAM	1	0	21.94	21.84	21.80	22.8	2
5	64QAM	1	12	22.04	21.84	21.82		
5	64QAM	1	24	21.96	21.80	21.89		
5	64QAM	12	0	21.22	21.11	21.00	21.8	3
5	64QAM	12	7	21.22	21.08	21.03		
5	64QAM	12	13	21.20	21.04	20.99		
5	64QAM	25	0	21.23	21.08	20.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	15.75	15.97	15.86	16.8	0
20	QPSK	1	49	15.72	15.51	15.57		
20	QPSK	1	99	15.59	15.56	15.53		
20	QPSK	50	0	15.67	15.82	15.79	16.8	0
20	QPSK	50	24	15.52	15.68	15.65		
20	QPSK	50	50	15.60	15.62	15.66		
20	QPSK	100	0	15.63	15.72	15.46		
20	16QAM	1	0	15.63	15.72	15.55	16.8	0
20	16QAM	1	49	15.70	15.62	15.46		
20	16QAM	1	99	15.68	15.57	15.68		
20	16QAM	50	0	15.64	15.46	15.42	16.8	0
20	16QAM	50	24	15.63	15.57	15.45		
20	16QAM	50	50	15.66	15.61	15.61		
20	16QAM	100	0	15.56	15.62	15.72		
20	64QAM	1	0	15.59	15.68	15.49	16.8	0
20	64QAM	1	49	15.66	15.62	15.62		
20	64QAM	1	99	15.57	15.55	15.46		
20	64QAM	50	0	15.54	15.51	15.55	16.8	0
20	64QAM	50	24	15.52	15.66	15.47		
20	64QAM	50	50	15.64	15.71	15.51		
20	64QAM	100	0	15.49	15.68	15.54		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	15.77	15.77	15.68	16.8	0
15	QPSK	1	37	15.62	15.53	15.58		
15	QPSK	1	74	15.65	15.61	15.47		
15	QPSK	36	0	15.64	15.77	15.75	16.8	0
15	QPSK	36	20	15.47	15.71	15.53		
15	QPSK	36	39	15.54	15.59	15.67		
15	QPSK	75	0	15.58	15.63	15.45		
15	16QAM	1	0	15.71	15.63	15.66	16.8	0
15	16QAM	1	37	15.66	15.71	15.42		
15	16QAM	1	74	15.71	15.55	15.63		
15	16QAM	36	0	15.65	15.50	15.44	16.8	0
15	16QAM	36	20	15.61	15.61	15.46		
15	16QAM	36	39	15.64	15.73	15.52		
15	16QAM	75	0	15.48	15.60	15.65		
15	64QAM	1	0	15.59	15.66	15.56	16.8	0
15	64QAM	1	37	15.63	15.59	15.53		
15	64QAM	1	74	15.65	15.54	15.36		
15	64QAM	36	0	15.59	15.48	15.64	16.8	0
15	64QAM	36	20	15.58	15.56	15.44		
15	64QAM	36	39	15.63	15.65	15.54		
15	64QAM	75	0	15.53	15.68	15.59		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	15.72	15.86	15.76	16.8	0
10	QPSK	1	25	15.68	15.61	15.69		
10	QPSK	1	49	15.63	15.69	15.53		
10	QPSK	25	0	15.68	15.74	15.74	16.8	0
10	QPSK	25	12	15.52	15.74	15.63		
10	QPSK	25	25	15.59	15.51	15.75		
10	QPSK	50	0	15.65	15.68	15.46		
10	16QAM	1	0	15.63	15.72	15.59	16.8	0
10	16QAM	1	25	15.67	15.68	15.44		
10	16QAM	1	49	15.60	15.51	15.68		
10	16QAM	25	0	15.70	15.46	15.53	16.8	0
10	16QAM	25	12	15.65	15.56	15.50		
10	16QAM	25	25	15.62	15.69	15.48		
10	16QAM	50	0	15.56	15.58	15.68		
10	64QAM	1	0	15.58	15.62	15.48	16.8	0
10	64QAM	1	25	15.68	15.60	15.53		
10	64QAM	1	49	15.59	15.45	15.46		
10	64QAM	25	0	15.54	15.42	15.67	16.8	0
10	64QAM	25	12	15.53	15.63	15.51		
10	64QAM	25	25	15.71	15.69	15.60		
10	64QAM	50	0	15.58	15.58	15.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	15.72	15.86	15.63	16.8	0
5	QPSK	1	12	15.70	15.52	15.63		
5	QPSK	1	24	15.68	15.63	15.54		
5	QPSK	12	0	15.59	15.82	15.73	16.8	0
5	QPSK	12	7	15.49	15.68	15.55		
5	QPSK	12	13	15.48	15.53	15.69		
5	QPSK	25	0	15.60	15.60	15.48		
5	16QAM	1	0	15.64	15.67	15.56	16.8	0
5	16QAM	1	12	15.58	15.64	15.46		
5	16QAM	1	24	15.59	15.57	15.72		
5	16QAM	12	0	15.65	15.52	15.53	16.8	0
5	16QAM	12	7	15.57	15.56	15.45		
5	16QAM	12	13	15.73	15.64	15.53		
5	16QAM	25	0	15.47	15.71	15.71		
5	64QAM	1	0	15.46	15.72	15.50	16.8	0
5	64QAM	1	12	15.61	15.67	15.60		
5	64QAM	1	24	15.70	15.53	15.37		
5	64QAM	12	0	15.57	15.42	15.62	16.8	0
5	64QAM	12	7	15.57	15.58	15.52		
5	64QAM	12	13	15.62	15.69	15.51		
5	64QAM	25	0	15.57	15.57	15.59		

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BW [MHz]	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	23.28	23.30	23.26	24.1	0
20	QPSK	1	49	23.24	23.05	23.12		
20	QPSK	1	99	23.25	23.09	23.25		
20	QPSK	50	0	22.20	22.23	22.17	23.1	1
20	QPSK	50	24	22.18	22.09	22.09		
20	QPSK	50	50	22.18	22.08	22.10		
20	QPSK	100	0	22.15	22.20	22.06		
20	16QAM	1	0	22.16	22.10	22.06	23.1	1
20	16QAM	1	49	22.19	22.13	22.06		
20	16QAM	1	99	22.21	22.13	22.17		
20	16QAM	50	0	21.14	21.10	21.08	22.1	2
20	16QAM	50	24	21.17	21.12	21.11		
20	16QAM	50	50	21.21	21.11	21.13		
20	16QAM	100	0	21.16	21.10	21.10		
20	64QAM	1	0	20.91	20.91	20.76	22.1	2
20	64QAM	1	49	20.94	20.92	20.81		
20	64QAM	1	99	20.95	20.94	20.92		
20	64QAM	50	0	20.16	20.09	20.06	21.1	3
20	64QAM	50	24	20.18	20.12	20.11		
20	64QAM	50	50	20.21	20.12	20.13		
20	64QAM	100	0	20.15	20.08	20.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.14	23.16	23.14	24.1	0
15	QPSK	1	37	23.18	23.00	23.03		
15	QPSK	1	74	23.14	22.94	23.09		
15	QPSK	36	0	22.08	22.09	22.11	23.1	1
15	QPSK	36	20	22.08	22.01	21.98		
15	QPSK	36	39	22.13	21.97	21.94		
15	QPSK	75	0	22.02	22.04	21.90		
15	16QAM	1	0	22.02	22.03	21.99	23.1	1
15	16QAM	1	37	22.11	21.98	21.95		
15	16QAM	1	74	22.09	22.02	22.02		
15	16QAM	36	0	21.11	20.97	20.94	22.1	2
15	16QAM	36	20	21.15	20.99	21.05		
15	16QAM	36	39	21.19	21.04	21.07		
15	16QAM	75	0	21.14	20.98	21.05		
15	64QAM	1	0	20.82	20.80	20.69	22.1	2
15	64QAM	1	37	20.82	20.86	20.69		
15	64QAM	1	74	20.85	20.85	20.82		
15	64QAM	36	0	20.11	19.93	19.96	21.1	3
15	64QAM	36	20	20.03	20.00	20.02		
15	64QAM	36	39	20.10	20.03	20.08		
15	64QAM	75	0	20.04	20.02	20.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.21	23.17	23.12	24.1	0
10	QPSK	1	25	23.08	22.92	23.03		
10	QPSK	1	49	23.20	23.02	23.20		
10	QPSK	25	0	22.06	22.12	22.12	23.1	1
10	QPSK	25	12	22.08	21.99	21.98		
10	QPSK	25	25	22.09	22.00	22.03		
10	QPSK	50	0	22.01	22.15	21.91		
10	16QAM	1	0	22.05	21.94	21.94	23.1	1
10	16QAM	1	25	22.10	22.06	22.00		
10	16QAM	1	49	22.10	21.97	22.02		
10	16QAM	25	0	21.10	21.02	20.99	22.1	2
10	16QAM	25	12	21.13	20.97	21.02		
10	16QAM	25	25	21.15	20.95	21.01		
10	16QAM	50	0	21.14	20.96	21.00		
10	64QAM	1	0	20.76	20.79	20.61	22.1	2
10	64QAM	1	25	20.79	20.87	20.72		
10	64QAM	1	49	20.84	20.78	20.78		
10	64QAM	25	0	20.00	19.95	20.01	21.1	3
10	64QAM	25	12	20.03	20.00	20.01		
10	64QAM	25	25	20.10	20.04	20.00		
10	64QAM	50	0	20.00	19.93	20.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.21	23.12	23.16	24.1	0
5	QPSK	1	12	23.20	23.19	23.21		
5	QPSK	1	24	23.22	23.16	23.20		
5	QPSK	12	0	22.21	22.13	22.16	23.1	1
5	QPSK	12	7	22.21	22.14	22.19		
5	QPSK	12	13	22.21	22.11	22.21		
5	QPSK	25	0	22.23	22.14	22.21		
5	16QAM	1	0	22.24	22.15	22.08	23.1	1
5	16QAM	1	12	22.24	22.16	22.17		
5	16QAM	1	24	22.25	22.15	22.19		
5	16QAM	12	0	21.17	21.11	21.14	22.1	2
5	16QAM	12	7	21.17	21.10	21.15		
5	16QAM	12	13	21.17	21.09	21.18		
5	16QAM	25	0	21.24	21.17	21.24		
5	64QAM	1	0	20.99	20.90	20.97	22.1	2
5	64QAM	1	12	20.99	20.92	21.06		
5	64QAM	1	24	21.00	20.89	21.11		
5	64QAM	12	0	20.22	20.14	20.21	21.1	3
5	64QAM	12	7	20.21	20.13	20.21		
5	64QAM	12	13	20.22	20.13	20.26		
5	64QAM	25	0	20.26	20.17	20.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.28	24.44	24.45	24.20	24.15	24.8	0
20	QPSK	1	49	24.22	24.34	24.38	24.16	24.05		
20	QPSK	1	99	24.25	24.42	24.30	24.17	24.11		
20	QPSK	50	0	23.28	23.38	23.40	23.25	23.15	23.8	1
20	QPSK	50	24	23.20	23.29	23.31	23.21	23.09		
20	QPSK	50	50	23.25	23.35	23.30	23.19	23.11		
20	QPSK	100	0	23.20	23.31	23.33	23.19	23.08		
20	16QAM	1	0	23.05	23.25	23.34	23.14	22.99	23.8	1
20	16QAM	1	49	23.24	23.32	23.39	23.18	23.08		
20	16QAM	1	99	23.29	23.46	23.29	23.21	23.17		
20	16QAM	50	0	22.11	22.25	22.35	22.18	22.02	22.8	2
20	16QAM	50	24	22.21	22.29	22.31	22.22	22.09		
20	16QAM	50	50	22.27	22.37	22.31	22.21	22.14		
20	16QAM	100	0	22.20	22.31	22.32	22.21	22.08		
20	64QAM	1	0	21.78	21.92	22.06	21.86	21.73	22.8	2
20	64QAM	1	49	21.97	22.05	22.08	21.95	21.81		
20	64QAM	1	99	22.01	22.15	22.02	21.95	21.89		
20	64QAM	50	0	21.13	21.23	21.34	21.18	21.03	21.8	3
20	64QAM	50	24	21.23	21.27	21.32	21.21	21.11		
20	64QAM	50	50	21.28	21.35	21.31	21.21	21.14		
20	64QAM	100	0	21.22	21.29	21.33	21.21	21.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.13	24.30	24.39	24.09	24.03	24.8	0
15	QPSK	1	37	24.13	24.26	24.28	24.01	23.91		
15	QPSK	1	74	24.11	24.35	24.17	24.07	24.01		
15	QPSK	36	0	23.15	23.25	23.24	23.14	22.99	23.8	1
15	QPSK	36	20	23.15	23.14	23.26	23.11	22.97		
15	QPSK	36	39	23.17	23.28	23.22	23.05	22.96		
15	QPSK	75	0	23.06	23.17	23.24	23.09	22.96		
15	16QAM	1	0	22.96	23.12	23.27	23.08	22.91	23.8	1
15	16QAM	1	37	23.17	23.25	23.30	23.06	23.03		
15	16QAM	1	74	23.16	23.40	23.18	23.12	23.09		
15	16QAM	36	0	22.06	22.09	22.25	22.11	21.92	22.8	2
15	16QAM	36	20	22.08	22.24	22.17	22.08	22.04		
15	16QAM	36	39	22.22	22.30	22.17	22.08	22.04		
15	16QAM	75	0	22.14	22.26	22.23	22.12	21.98		
15	64QAM	1	0	21.73	21.77	21.91	21.70	21.58	22.8	2
15	64QAM	1	37	21.90	21.95	22.01	21.82	21.70		
15	64QAM	1	74	21.94	22.02	21.93	21.79	21.80		
15	64QAM	36	0	21.06	21.12	21.28	21.03	20.97	21.8	3
15	64QAM	36	20	21.17	21.12	21.27	21.08	21.05		
15	64QAM	36	39	21.17	21.22	21.26	21.09	21.08		
15	64QAM	75	0	21.13	21.15	21.24	21.06	20.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.16	24.39	24.33	24.06	24.00	24.8	0
10	QPSK	1	25	24.12	24.23	24.33	24.05	23.90		
10	QPSK	1	49	24.10	24.36	24.18	24.02	23.98		
10	QPSK	25	0	23.20	23.29	23.31	23.14	23.06	23.8	1
10	QPSK	25	12	23.06	23.19	23.17	23.08	22.96		
10	QPSK	25	25	23.19	23.23	23.23	23.06	23.04		
10	QPSK	50	0	23.13	23.25	23.23	23.11	22.92		
10	16QAM	1	0	22.93	23.19	23.23	23.03	22.92	23.8	1
10	16QAM	1	25	23.13	23.20	23.32	23.10	23.03		
10	16QAM	1	49	23.24	23.38	23.14	23.13	23.04		
10	16QAM	25	0	22.00	22.13	22.23	22.03	21.89	22.8	2
10	16QAM	25	12	22.11	22.14	22.26	22.06	22.01		
10	16QAM	25	25	22.22	22.22	22.23	22.15	21.98		
10	16QAM	50	0	22.05	22.25	22.21	22.10	21.99		
10	64QAM	1	0	21.73	21.85	21.91	21.72	21.65	22.8	2
10	64QAM	1	25	21.89	21.93	22.03	21.86	21.71		
10	64QAM	1	49	21.86	22.00	21.93	21.84	21.73		
10	64QAM	25	0	21.08	21.07	21.23	21.09	20.95	21.8	3
10	64QAM	25	12	21.15	21.16	21.19	21.07	20.99		
10	64QAM	25	25	21.14	21.22	21.20	21.05	21.08		
10	64QAM	50	0	21.13	21.16	21.19	21.09	20.99		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.21	24.39	24.35	24.08	24.08	24.8	0
5	QPSK	1	12	24.07	24.18	24.26	24.01	24.00		
5	QPSK	1	24	24.16	24.33	24.22	24.08	23.98		
5	QPSK	12	0	23.15	23.25	23.29	23.10	23.09	23.8	1
5	QPSK	12	7	23.04	23.20	23.18	23.15	22.95		
5	QPSK	12	13	23.11	23.21	23.22	23.11	23.00		
5	QPSK	25	0	23.07	23.19	23.18	23.07	23.01		
5	16QAM	1	0	22.93	23.10	23.23	22.98	22.91	23.8	1
5	16QAM	1	12	23.11	23.17	23.24	23.11	22.97		
5	16QAM	1	24	23.14	23.30	23.15	23.10	23.11		
5	16QAM	12	0	22.03	22.14	22.28	22.07	21.94	22.8	2
5	16QAM	12	7	22.06	22.14	22.20	22.13	22.03		
5	16QAM	12	13	22.17	22.23	22.26	22.15	22.01		
5	16QAM	25	0	22.07	22.23	22.17	22.05	21.98		
5	64QAM	1	0	21.71	21.80	21.93	21.77	21.66	22.8	2
5	64QAM	1	12	21.92	21.91	22.03	21.85	21.70		
5	64QAM	1	24	21.89	22.05	21.86	21.83	21.75		
5	64QAM	12	0	21.08	21.14	21.18	21.08	20.96	21.8	3
5	64QAM	12	7	21.14	21.13	21.17	21.12	20.95		
5	64QAM	12	13	21.12	21.24	21.25	21.16	21.09		
5	64QAM	25	0	21.11	21.23	21.20	21.05	20.98		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.98	15.87	16.03	15.85	15.88	16.8	0
20	QPSK	1	49	15.89	15.60	15.63	15.54	15.62		
20	QPSK	1	99	15.77	15.55	15.64	15.59	15.64		
20	QPSK	50	0	15.95	15.78	15.96	15.80	15.68	16.8	0
20	QPSK	50	24	15.82	15.70	15.69	15.57	15.50		
20	QPSK	50	50	15.94	15.69	15.69	15.59	15.63		
20	QPSK	100	0	15.77	15.78	15.89	15.74	15.74		
20	16QAM	1	0	15.66	15.77	15.70	15.78	15.60	16.8	0
20	16QAM	1	49	15.93	15.74	15.67	15.57	15.62		
20	16QAM	1	99	15.79	15.74	15.73	15.62	15.76		
20	16QAM	50	0	15.90	15.69	15.74	15.75	15.66	16.8	0
20	16QAM	50	24	15.80	15.84	15.97	15.64	15.74		
20	16QAM	50	50	15.86	15.73	15.68	15.56	15.62		
20	16QAM	100	0	15.86	15.63	15.55	15.58	15.64		
20	64QAM	1	0	15.73	15.71	15.78	15.74	15.71	16.8	0
20	64QAM	1	49	15.65	15.74	15.68	15.60	15.56		
20	64QAM	1	99	15.89	15.66	15.67	15.58	15.63		
20	64QAM	50	0	15.74	15.91	15.90	15.49	15.59	16.8	0
20	64QAM	50	24	15.80	15.65	15.62	15.70	15.75		
20	64QAM	50	50	15.84	15.70	15.78	15.62	15.61		
20	64QAM	100	0	15.89	15.80	15.69	15.71	15.79		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	15.98	15.82	16.00	15.82	15.81	16.8	0
15	QPSK	1	37	15.79	15.60	15.55	15.58	15.50		
15	QPSK	1	74	15.80	15.54	15.65	15.58	15.52		
15	QPSK	36	0	15.83	15.86	15.97	15.77	15.73	16.8	0
15	QPSK	36	20	15.85	15.73	15.73	15.63	15.58		
15	QPSK	36	39	15.91	15.71	15.77	15.67	15.69		
15	QPSK	75	0	15.76	15.80	15.85	15.66	15.65		
15	16QAM	1	0	15.60	15.73	15.73	15.73	15.60	16.8	0
15	16QAM	1	37	15.90	15.81	15.71	15.60	15.63		
15	16QAM	1	74	15.84	15.80	15.75	15.63	15.70		
15	16QAM	36	0	15.91	15.71	15.66	15.69	15.73	16.8	0
15	16QAM	36	20	15.83	15.88	16.01	15.64	15.81		
15	16QAM	36	39	15.82	15.62	15.80	15.56	15.56		
15	16QAM	75	0	15.78	15.63	15.62	15.55	15.58		
15	64QAM	1	0	15.79	15.67	15.77	15.81	15.67	16.8	0
15	64QAM	1	37	15.71	15.67	15.68	15.61	15.63		
15	64QAM	1	74	15.79	15.61	15.67	15.55	15.61		
15	64QAM	36	0	15.82	15.78	15.90	15.56	15.51	16.8	0
15	64QAM	36	20	15.70	15.65	15.68	15.66	15.74		
15	64QAM	36	39	15.77	15.76	15.73	15.62	15.58		
15	64QAM	75	0	15.78	15.72	15.75	15.79	15.77		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	15.88	15.82	16.02	15.81	15.81	16.8	0
10	QPSK	1	25	15.88	15.66	15.62	15.66	15.58		
10	QPSK	1	49	15.82	15.60	15.57	15.60	15.55		
10	QPSK	25	0	15.93	15.81	15.98	15.81	15.71	16.8	0
10	QPSK	25	12	15.85	15.73	15.63	15.58	15.61		
10	QPSK	25	25	15.92	15.75	15.65	15.64	15.57		
10	QPSK	50	0	15.82	15.79	15.79	15.66	15.65		
10	16QAM	1	0	15.65	15.66	15.78	15.70	15.63	16.8	0
10	16QAM	1	25	15.86	15.75	15.74	15.55	15.66		
10	16QAM	1	49	15.79	15.79	15.68	15.59	15.67		
10	16QAM	25	0	15.87	15.68	15.73	15.63	15.75	16.8	0
10	16QAM	25	12	15.81	15.88	16.01	15.61	15.76		
10	16QAM	25	25	15.82	15.65	15.72	15.58	15.54		
10	16QAM	50	0	15.74	15.60	15.55	15.55	15.68		
10	64QAM	1	0	15.80	15.71	15.76	15.72	15.70	16.8	0
10	64QAM	1	25	15.65	15.67	15.64	15.61	15.53		
10	64QAM	1	49	15.86	15.62	15.69	15.51	15.65		
10	64QAM	25	0	15.77	15.85	15.83	15.49	15.57	16.8	0
10	64QAM	25	12	15.76	15.65	15.59	15.66	15.72		
10	64QAM	25	25	15.82	15.68	15.74	15.54	15.57		
10	64QAM	50	0	15.90	15.82	15.72	15.76	15.79		
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	15.99	15.94	16.01	15.76	15.94	16.8	0
5	QPSK	1	12	15.77	15.60	15.60	15.64	15.60		
5	QPSK	1	24	15.76	15.60	15.58	15.60	15.61		
5	QPSK	12	0	15.83	15.79	15.98	15.74	15.68	16.8	0
5	QPSK	12	7	15.83	15.66	15.61	15.62	15.61		
5	QPSK	12	13	15.94	15.72	15.65	15.62	15.61		
5	QPSK	25	0	15.78	15.81	15.80	15.70	15.67		
5	16QAM	1	0	15.65	15.70	15.82	15.81	15.57	16.8	0
5	16QAM	1	12	15.84	15.78	15.77	15.59	15.64		
5	16QAM	1	24	15.81	15.78	15.81	15.64	15.71		
5	16QAM	12	0	15.90	15.66	15.62	15.69	15.66	16.8	0
5	16QAM	12	7	15.83	15.88	15.92	15.57	15.76		
5	16QAM	12	13	15.85	15.70	15.76	15.54	15.65		
5	16QAM	25	0	15.75	15.63	15.68	15.57	15.59		
5	64QAM	1	0	15.79	15.75	15.81	15.71	15.67	16.8	0
5	64QAM	1	12	15.60	15.67	15.64	15.59	15.63		
5	64QAM	1	24	15.86	15.61	15.67	15.58	15.54		
5	64QAM	12	0	15.83	15.84	15.83	15.51	15.60	16.8	0
5	64QAM	12	7	15.70	15.69	15.59	15.66	15.70		
5	64QAM	12	13	15.83	15.68	15.71	15.60	15.63		
5	64QAM	25	0	15.88	15.71	15.77	15.74	15.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.33	23.22	23.35	23.22	23.20	24.1	0
20	QPSK	1	49	23.30	23.09	23.31	23.19	23.08		
20	QPSK	1	99	23.22	23.21	23.33	23.12	23.17		
20	QPSK	50	0	22.26	22.19	22.28	22.16	22.23	23.1	1
20	QPSK	50	24	22.25	22.08	22.23	22.13	22.15		
20	QPSK	50	50	22.23	22.17	22.24	22.11	22.20		
20	QPSK	100	0	22.24	22.10	22.25	22.12	22.16		
20	16QAM	1	0	22.30	22.05	22.28	22.16	22.13	23.1	1
20	16QAM	1	49	22.27	22.13	22.30	22.15	22.15		
20	16QAM	1	99	22.21	22.27	22.30	22.15	22.26		
20	16QAM	50	0	21.25	21.07	21.24	21.18	21.15	22.1	2
20	16QAM	50	24	21.23	21.09	21.23	21.14	21.17		
20	16QAM	50	50	21.22	21.18	21.26	21.12	21.24		
20	16QAM	100	0	21.23	21.11	21.23	21.15	21.16		
20	64QAM	1	0	21.01	20.74	20.99	20.95	20.85	22.1	2
20	64QAM	1	49	21.02	20.89	20.98	20.89	20.88		
20	64QAM	1	99	20.95	20.96	21.01	20.87	20.98		
20	64QAM	50	0	20.26	20.05	20.23	20.17	20.12	21.1	3
20	64QAM	50	24	20.25	20.10	20.26	20.13	20.17		
20	64QAM	50	50	20.22	20.17	20.27	20.12	20.23		
20	64QAM	100	0	20.26	20.11	20.24	20.16	20.15		
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	23.28	23.14	23.22	23.17	23.09	24.1	0
15	QPSK	1	37	23.17	23.01	23.17	23.12	22.92		
15	QPSK	1	74	23.06	23.07	23.18	23.00	23.02		
15	QPSK	36	0	22.16	22.09	22.15	22.05	22.09	23.1	1
15	QPSK	36	20	22.12	21.97	22.09	22.00	22.06		
15	QPSK	36	39	22.17	22.01	22.14	22.04	22.15		
15	QPSK	75	0	22.11	21.94	22.20	22.00	22.11		
15	16QAM	1	0	22.16	21.92	22.16	22.01	21.98	23.1	1
15	16QAM	1	37	22.18	21.98	22.23	22.06	22.05		
15	16QAM	1	74	22.11	22.19	22.15	22.07	22.17		
15	16QAM	36	0	21.20	20.93	21.09	21.02	20.99	22.1	2
15	16QAM	36	20	21.16	21.00	21.18	20.99	21.03		
15	16QAM	36	39	21.12	21.03	21.20	20.99	21.15		
15	16QAM	75	0	21.15	20.98	21.13	21.04	21.00		
15	64QAM	1	0	20.93	20.61	20.86	20.87	20.79	22.1	2
15	64QAM	1	37	20.95	20.79	20.85	20.77	20.78		
15	64QAM	1	74	20.84	20.81	20.86	20.79	20.85		
15	64QAM	36	0	20.19	19.90	20.15	20.06	20.03	21.1	3
15	64QAM	36	20	20.15	20.00	20.17	20.02	20.05		
15	64QAM	36	39	20.12	20.11	20.15	19.99	20.13		
15	64QAM	75	0	20.11	20.06	20.15	20.04	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.24	23.10	23.29	23.08	23.14	24.1	0
10	QPSK	1	25	23.20	22.96	23.26	23.09	22.92		
10	QPSK	1	49	23.06	23.14	23.28	22.99	23.11		
10	QPSK	25	0	22.14	22.05	22.16	22.04	22.09	23.1	1
10	QPSK	25	12	22.18	21.92	22.18	21.98	22.06		
10	QPSK	25	25	22.17	22.08	22.09	21.97	22.15		
10	QPSK	50	0	22.12	21.98	22.18	22.03	22.02		
10	16QAM	1	0	22.22	21.97	22.17	22.10	22.00	23.1	1
10	16QAM	1	25	22.13	22.05	22.25	22.04	22.09		
10	16QAM	1	49	22.07	22.22	22.24	22.02	22.13		
10	16QAM	25	0	21.09	21.00	21.08	21.10	21.06	22.1	2
10	16QAM	25	12	21.16	20.99	21.11	21.07	21.07		
10	16QAM	25	25	21.13	21.07	21.19	21.03	21.14		
10	16QAM	50	0	21.13	21.05	21.16	21.09	21.06		
10	64QAM	1	0	20.88	20.65	20.92	20.79	20.72	22.1	2
10	64QAM	1	25	20.91	20.75	20.90	20.76	20.72		
10	64QAM	1	49	20.89	20.85	20.92	20.82	20.84		
10	64QAM	25	0	20.16	19.97	20.08	20.12	19.99	21.1	3
10	64QAM	25	12	20.14	20.04	20.11	20.04	20.01		
10	64QAM	25	25	20.15	20.08	20.11	20.04	20.14		
10	64QAM	50	0	20.12	19.96	20.16	20.01	20.01		
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	23.20	23.05	23.21	23.14	23.17	24.1	0
5	QPSK	1	12	23.21	23.07	23.19	23.18	23.22		
5	QPSK	1	24	23.18	23.10	23.12	23.12	23.20		
5	QPSK	12	0	22.30	22.07	22.14	22.14	22.21	23.1	1
5	QPSK	12	7	22.29	22.06	22.14	22.11	22.24		
5	QPSK	12	13	22.26	22.06	22.13	22.09	22.22		
5	QPSK	25	0	22.26	22.06	22.15	22.11	22.24		
5	16QAM	1	0	22.29	22.07	22.16	22.11	22.21	23.1	1
5	16QAM	1	12	22.32	22.12	22.18	22.13	22.25		
5	16QAM	1	24	22.29	22.16	22.17	22.13	22.26		
5	16QAM	12	0	21.27	21.03	21.12	21.11	21.21	22.1	2
5	16QAM	12	7	21.24	21.03	21.10	21.07	21.22		
5	16QAM	12	13	21.24	21.02	21.11	21.06	21.21		
5	16QAM	25	0	21.29	21.09	21.17	21.13	21.29		
5	64QAM	1	0	21.04	20.82	20.96	20.85	21.00	22.1	2
5	64QAM	1	12	21.04	20.83	20.95	20.85	21.00		
5	64QAM	1	24	21.02	20.86	20.97	20.82	20.99		
5	64QAM	12	0	20.28	20.11	20.17	20.13	20.22	21.1	3
5	64QAM	12	7	20.31	20.09	20.15	20.10	20.24		
5	64QAM	12	13	20.31	20.09	20.14	20.10	20.26		
5	64QAM	25	0	20.33	20.11	20.18	20.17	20.29		

Reduced Power Mode for ECI 3

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.21	32.40	32.35	33.50	23.21	23.40	23.35	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.38	32.34	33.50	23.20	23.38	23.34	24.50
GPRS/EDGE GMSK 2 Tx slots	30.20	30.33	30.31	31.00	24.20	24.33	24.31	25.00
GPRS/EDGE GMSK 3 Tx slots	28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.94
GPRS/EDGE GMSK 4 Tx slots	26.56	26.74	26.71	28.00	23.56	23.74	23.71	25.00
EDGE 8PSK 1 Tx slot	26.30	26.33	26.30	28.00	17.30	17.33	17.30	19.00
EDGE 8PSK 2 Tx slots	25.05	25.08	25.23	26.00	19.05	19.08	19.23	20.00
EDGE 8PSK 3 Tx slots	22.95	22.98	23.05	24.00	18.69	18.72	18.79	19.74
EDGE 8PSK 4 Tx slots	21.67	21.68	21.78	23.00	18.67	18.68	18.78	20.00

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.22	32.33	32.30	33.50	23.22	23.33	23.30	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.32	32.28	33.50	23.20	23.32	23.28	24.50
GPRS/EDGE GMSK 2 Tx slots	30.21	30.30	30.27	31.00	24.21	24.30	24.27	25.00
GPRS/EDGE GMSK 3 Tx slots	28.21	28.29	28.26	29.20	23.95	24.03	24.00	24.94
GPRS/EDGE GMSK 4 Tx slots	26.65	26.73	26.70	28.00	23.65	23.73	23.70	25.00
EDGE 8PSK 1 Tx slot	26.33	26.37	26.30	28.00	17.33	17.37	17.30	19.00
EDGE 8PSK 2 Tx slots	25.11	25.13	25.08	26.00	19.11	19.13	19.08	20.00
EDGE 8PSK 3 Tx slots	23.00	23.02	22.98	24.00	18.74	18.76	18.72	19.74
EDGE 8PSK 4 Tx slots	21.90	21.94	21.89	23.00	18.90	18.94	18.89	20.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	22.64	22.69	22.69	23.50	13.64	13.69	13.69	14.50
GPRS/EDGE GMSK 1 Tx slot	22.62	22.68	22.68	23.50	13.62	13.68	13.68	14.50
GPRS/EDGE GMSK 2 Tx slots	22.63	22.71	22.68	23.50	16.63	16.71	16.68	17.50
GPRS/EDGE GMSK 3 Tx slots	22.64	22.72	22.70	23.50	18.38	18.46	18.44	19.24
GPRS/EDGE GMSK 4 Tx slots	22.64	22.74	22.71	23.50	19.64	19.74	19.71	20.50
EDGE 8PSK 1 Tx slot	18.30	18.43	18.18	19.50	9.30	9.43	9.18	10.50
EDGE 8PSK 2 Tx slots	18.02	18.21	18.06	19.50	12.02	12.21	12.06	13.50
EDGE 8PSK 3 Tx slots	18.23	18.15	18.03	19.50	13.97	13.89	13.77	15.24
EDGE 8PSK 4 Tx slots	17.92	17.96	18.02	19.50	14.92	14.96	15.02	16.50

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	21.54	21.75	21.70	22.50	12.54	12.75	12.70	13.50
GPRS/EDGE GMSK 1 Tx slot	21.53	21.74	21.69	22.50	12.53	12.74	12.69	13.50
GPRS/EDGE GMSK 2 Tx slots	21.55	21.72	21.70	22.50	15.55	15.72	15.70	16.50
GPRS/EDGE GMSK 3 Tx slots	21.55	21.73	21.70	22.50	17.29	17.47	17.44	18.24
GPRS/EDGE GMSK 4 Tx slots	21.53	21.74	21.70	22.50	18.53	18.74	18.70	19.50
EDGE 8PSK 1 Tx slot	17.13	17.19	17.18	18.00	8.13	8.19	8.18	9.00
EDGE 8PSK 2 Tx slots	16.78	16.87	16.80	18.00	10.78	10.87	10.80	12.00
EDGE 8PSK 3 Tx slots	16.64	16.77	16.71	18.00	12.38	12.51	12.45	13.74
EDGE 8PSK 4 Tx slots	16.41	16.54	16.34	18.00	13.41	13.54	13.34	15.00

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA II_Ant 1			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	19.80	19.85	19.71	20.80	18.70	18.81	18.69	19.80
3GPP Rel 99	RMC 12.2Kbps	19.82	19.88	19.75	20.80	18.71	18.82	18.73	19.80
3GPP Rel 6	HSDPA Subtest-1	18.84	18.91	18.98	19.80	17.87	17.99	17.91	18.80
3GPP Rel 6	HSDPA Subtest-2	18.81	18.84	18.93	19.80	17.90	17.94	17.93	18.80
3GPP Rel 6	HSDPA Subtest-3	18.32	18.48	18.42	19.30	17.53	17.55	17.39	18.30
3GPP Rel 6	HSDPA Subtest-4	18.31	18.38	18.45	19.30	17.36	17.50	17.48	18.30
3GPP Rel 8	DC-HSDPA Subtest-1	18.67	18.79	18.73	19.80	17.73	17.89	17.83	18.80
3GPP Rel 8	DC-HSDPA Subtest-2	18.74	18.86	18.70	19.80	17.83	17.89	17.91	18.80
3GPP Rel 8	DC-HSDPA Subtest-3	18.27	18.23	18.33	19.30	17.35	17.42	17.33	18.30
3GPP Rel 8	DC-HSDPA Subtest-4	18.17	18.36	18.26	19.30	17.34	17.35	17.28	18.30
3GPP Rel 6	HSUPA Subtest-1	16.29	16.35	16.30	17.80	15.23	15.33	15.26	16.80
3GPP Rel 6	HSUPA Subtest-2	16.19	16.22	16.22	17.80	15.23	15.11	15.18	16.80
3GPP Rel 6	HSUPA Subtest-3	18.32	18.29	18.26	18.80	17.23	17.13	17.25	17.80
3GPP Rel 6	HSUPA Subtest-4	16.30	16.22	16.16	17.80	15.23	15.12	15.17	16.80
3GPP Rel 6	HSUPA Subtest-5	18.29	18.36	18.25	18.80	17.23	17.27	17.08	17.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.82	18.75	18.68	19.30	17.96	17.94	17.85	18.30

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 1			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	19.37	19.43	19.40	20.30	18.58	18.62	18.60	19.30
3GPP Rel 99	RMC 12.2Kbps	19.48	19.50	19.42	20.30	18.61	18.65	18.63	19.30
3GPP Rel 6	HSDPA Subtest-1	18.43	18.58	18.50	19.30	17.71	17.63	17.61	18.30
3GPP Rel 6	HSDPA Subtest-2	18.52	18.52	18.47	19.30	17.69	17.67	17.58	18.30
3GPP Rel 6	HSDPA Subtest-3	18.05	18.14	17.97	18.80	17.21	17.22	17.05	17.80
3GPP Rel 6	HSDPA Subtest-4	17.94	18.09	17.95	18.80	17.10	17.21	17.12	17.80
3GPP Rel 8	DC-HSDPA Subtest-1	18.30	18.35	18.27	19.30	17.64	17.60	17.45	18.30
3GPP Rel 8	DC-HSDPA Subtest-2	18.38	18.45	18.41	19.30	17.56	17.56	17.43	18.30
3GPP Rel 8	DC-HSDPA Subtest-3	17.83	17.92	17.82	18.80	17.13	17.06	16.91	17.80
3GPP Rel 8	DC-HSDPA Subtest-4	17.83	17.94	17.93	18.80	17.06	17.13	16.89	17.80
3GPP Rel 6	HSUPA Subtest-1	15.96	16.02	15.99	17.30	15.05	15.08	14.99	16.30
3GPP Rel 6	HSUPA Subtest-2	15.98	16.02	15.89	17.30	14.97	14.99	14.97	16.30
3GPP Rel 6	HSUPA Subtest-3	17.97	18.03	17.86	18.30	16.91	16.86	16.86	17.30
3GPP Rel 6	HSUPA Subtest-4	15.92	16.00	15.93	17.30	14.93	14.98	14.93	16.30
3GPP Rel 6	HSUPA Subtest-5	17.92	18.05	17.92	18.30	17.01	17.00	16.89	17.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.62	17.69	17.69	18.80	16.69	16.74	16.66	17.80

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	23.70	23.72	23.67	24.80	23.71	23.73	23.68	24.80
3GPP Rel 99	RMC 12.2Kbps	23.73	23.75	23.71	24.80	23.75	23.77	23.72	24.80
3GPP Rel 6	HSDPA Subtest-1	22.81	22.74	22.79	23.80	22.73	22.67	22.71	23.80
3GPP Rel 6	HSDPA Subtest-2	22.79	22.79	22.78	23.80	22.73	22.71	22.72	23.80
3GPP Rel 6	HSDPA Subtest-3	22.34	22.36	22.35	23.30	22.30	22.24	22.25	23.30
3GPP Rel 6	HSDPA Subtest-4	22.32	22.30	22.28	23.30	22.25	22.17	22.19	23.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	22.64	22.61	22.57	23.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	22.62	22.61	22.58	23.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	22.19	22.17	22.12	23.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	22.20	22.12	22.14	23.30
3GPP Rel 6	HSUPA Subtest-1	20.45	20.48	20.42	21.80	20.42	20.40	20.39	21.80
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.40	21.80	20.37	20.37	20.35	21.80
3GPP Rel 6	HSUPA Subtest-3	22.45	22.46	22.43	22.80	22.37	22.32	22.28	22.80
3GPP Rel 6	HSUPA Subtest-4	20.40	20.43	20.41	21.80	20.36	20.37	20.32	21.80
3GPP Rel 6	HSUPA Subtest-5	22.50	22.55	22.52	22.80	22.46	22.49	22.41	22.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.62	21.65	21.60	23.30	21.70	21.74	21.68	23.30

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.15	19.23	19.11	20.3	0
20	QPSK	1	49	19.07	19.07	19.05		
20	QPSK	1	99	19.04	19.06	19.08		
20	QPSK	50	0	19.14	19.20	19.10	20.3	0
20	QPSK	50	24	19.06	19.07	19.09		
20	QPSK	50	50	19.13	19.06	19.04		
20	QPSK	100	0	19.04	19.16	19.02		
20	16QAM	1	0	19.11	19.17	19.11	20.3	0
20	16QAM	1	49	19.03	19.12	19.13		
20	16QAM	1	99	19.15	19.17	19.02		
20	16QAM	50	0	19.03	19.04	19.01	20.3	0
20	16QAM	50	24	19.07	19.06	19.07		
20	16QAM	50	50	19.12	19.11	19.12		
20	16QAM	100	0	19.15	19.11	19.08		
20	64QAM	1	0	19.06	19.05	19.13	20.3	0
20	64QAM	1	49	19.10	19.05	19.08		
20	64QAM	1	99	19.08	19.13	19.14		
20	64QAM	50	0	19.15	19.07	19.10	20.3	0
20	64QAM	50	24	19.04	19.12	19.08		
20	64QAM	50	50	19.15	19.13	19.12		
20	64QAM	100	0	19.09	19.17	19.03		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.06	19.12	19.13	20.3	0
15	QPSK	1	37	19.09	19.06	19.04		
15	QPSK	1	74	19.07	19.15	19.13		
15	QPSK	36	0	19.04	19.07	19.07	20.3	0
15	QPSK	36	20	19.13	19.08	19.14		
15	QPSK	36	39	19.04	19.15	19.05		
15	QPSK	75	0	19.05	19.11	19.09		
15	16QAM	1	0	19.07	19.07	19.06	20.3	0
15	16QAM	1	37	19.10	19.05	19.07		
15	16QAM	1	74	19.04	19.04	19.02		
15	16QAM	36	0	19.10	19.04	19.09	20.3	0
15	16QAM	36	20	19.08	19.05	19.12		
15	16QAM	36	39	19.15	19.15	19.01		
15	16QAM	75	0	19.09	19.05	19.08		
15	64QAM	1	0	19.12	19.12	19.12	20.3	0
15	64QAM	1	37	19.06	19.08	19.09		
15	64QAM	1	74	19.11	19.06	19.11		
15	64QAM	36	0	19.02	19.17	19.11	20.3	0
15	64QAM	36	20	19.11	19.15	19.14		
15	64QAM	36	39	19.08	19.11	19.14		
15	64QAM	75	0	19.04	19.16	19.11		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	19.11	19.04	19.11	20.3	0
10	QPSK	1	25	19.04	19.04	19.11		
10	QPSK	1	49	19.14	19.16	19.10		
10	QPSK	25	0	19.14	19.05	19.04	20.3	0
10	QPSK	25	12	19.13	19.14	19.09		
10	QPSK	25	25	19.04	19.10	19.03		
10	QPSK	50	0	19.04	19.17	19.02		
10	16QAM	1	0	19.03	19.15	19.01	20.3	0
10	16QAM	1	25	19.14	19.07	19.10		
10	16QAM	1	49	19.10	19.15	19.14		
10	16QAM	25	0	19.03	19.10	19.05	20.3	0
10	16QAM	25	12	19.02	19.16	19.05		
10	16QAM	25	25	19.02	19.10	19.12		
10	16QAM	50	0	19.15	19.16	19.12		
10	64QAM	1	0	19.11	19.16	19.11	20.3	0
10	64QAM	1	25	19.13	19.10	19.07		
10	64QAM	1	49	19.04	19.16	19.05		
10	64QAM	25	0	19.02	19.09	19.03	20.3	0
10	64QAM	25	12	19.02	19.06	19.13		
10	64QAM	25	25	19.02	19.10	19.13		
10	64QAM	50	0	19.04	19.11	19.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.05	19.11	19.13	20.3	0
5	QPSK	1	12	19.02	19.07	19.03		
5	QPSK	1	24	19.07	19.04	19.02		
5	QPSK	12	0	19.08	19.12	19.13	20.3	0
5	QPSK	12	7	19.10	19.07	19.13		
5	QPSK	12	13	19.11	19.07	19.10		
5	QPSK	25	0	19.04	19.15	19.13		
5	16QAM	1	0	19.07	19.08	19.01	20.3	0
5	16QAM	1	12	19.11	19.13	19.10		
5	16QAM	1	24	19.04	19.06	19.05		
5	16QAM	12	0	19.04	19.04	19.03	20.3	0
5	16QAM	12	7	19.02	19.04	19.06		
5	16QAM	12	13	19.05	19.11	19.06		
5	16QAM	25	0	19.05	19.16	19.08		
5	64QAM	1	0	19.06	19.12	19.06	20.3	0
5	64QAM	1	12	19.13	19.08	19.03		
5	64QAM	1	24	19.03	19.13	19.06		
5	64QAM	12	0	19.12	19.16	19.10	20.3	0
5	64QAM	12	7	19.15	19.17	19.03		
5	64QAM	12	13	19.06	19.16	19.01		
5	64QAM	25	0	19.04	19.04	19.07		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	19.11	19.05	19.05	20.3	0
3	QPSK	1	8	19.03	19.07	19.08		
3	QPSK	1	14	19.10	19.08	19.01		
3	QPSK	8	0	19.04	19.11	19.07	20.3	0
3	QPSK	8	4	19.07	19.11	19.11		
3	QPSK	8	7	19.12	19.04	19.08		
3	QPSK	15	0	19.04	19.13	19.06		
3	16QAM	1	0	19.09	19.16	19.13	20.3	0
3	16QAM	1	8	19.13	19.17	19.04		
3	16QAM	1	14	19.03	19.17	19.14		
3	16QAM	8	0	19.07	19.05	19.08	20.3	0
3	16QAM	8	4	19.09	19.08	19.10		
3	16QAM	8	7	19.06	19.06	19.11		
3	16QAM	15	0	19.15	19.12	19.05		
3	64QAM	1	0	19.05	19.13	19.04	20.3	0
3	64QAM	1	8	19.15	19.16	19.14		
3	64QAM	1	14	19.04	19.04	19.08		
3	64QAM	8	0	19.14	19.09	19.09	20.3	0
3	64QAM	8	4	19.06	19.12	19.09		
3	64QAM	8	7	19.14	19.09	19.07		
3	64QAM	15	0	19.15	19.10	19.10		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.04	19.06	19.13	20.3	0
1.4	QPSK	1	3	19.12	19.15	19.06		
1.4	QPSK	1	5	19.10	19.15	19.07		
1.4	QPSK	3	0	19.11	19.16	19.06		
1.4	QPSK	3	1	19.10	19.15	19.12		
1.4	QPSK	3	3	19.07	19.13	19.04		
1.4	QPSK	6	0	19.07	19.17	19.06	20.3	0
1.4	16QAM	1	0	19.03	19.07	19.13	20.3	0
1.4	16QAM	1	3	19.15	19.07	19.05		
1.4	16QAM	1	5	19.06	19.12	19.10		
1.4	16QAM	3	0	19.12	19.11	19.09		
1.4	16QAM	3	1	19.09	19.07	19.12		
1.4	16QAM	3	3	19.09	19.13	19.13		
1.4	16QAM	6	0	19.05	19.17	19.03	20.3	0
1.4	64QAM	1	0	19.05	19.07	19.02	20.3	0
1.4	64QAM	1	3	19.02	19.09	19.01		
1.4	64QAM	1	5	19.08	19.11	19.12		
1.4	64QAM	3	0	19.04	19.17	19.13		
1.4	64QAM	3	1	19.09	19.09	19.03		
1.4	64QAM	3	3	19.05	19.08	19.08		
1.4	64QAM	6	0	19.05	19.07	19.14	20.3	0

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.29	18.44	18.35	19.3	0
20	QPSK	1	49	18.17	18.21	18.24		
20	QPSK	1	99	18.27	18.26	18.15		
20	QPSK	50	0	18.19	18.32	18.30	19.3	0
20	QPSK	50	24	18.17	18.28	18.21		
20	QPSK	50	50	18.10	18.26	18.27		
20	QPSK	100	0	18.28	18.29	18.14		
20	16QAM	1	0	18.16	18.22	18.14	19.3	0
20	16QAM	1	49	18.17	18.17	18.17		
20	16QAM	1	99	18.27	18.30	18.27		
20	16QAM	50	0	18.16	18.23	18.25	19.3	0
20	16QAM	50	24	18.23	18.26	18.26		
20	16QAM	50	50	18.27	18.25	18.24		
20	16QAM	100	0	18.18	18.17	18.25		
20	64QAM	1	0	18.19	18.25	18.15	19.3	0
20	64QAM	1	49	18.19	18.29	18.27		
20	64QAM	1	99	18.17	18.18	18.21		
20	64QAM	50	0	18.17	18.18	18.25	19.3	0
20	64QAM	50	24	18.26	18.26	18.25		
20	64QAM	50	50	18.16	18.22	18.17		
20	64QAM	100	0	18.15	18.23	18.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.26	18.19	18.23	19.3	0
15	QPSK	1	37	18.21	18.27	18.18		
15	QPSK	1	74	18.27	18.17	18.22		
15	QPSK	36	0	18.19	18.29	18.15	19.3	0
15	QPSK	36	20	18.27	18.17	18.25		
15	QPSK	36	39	18.21	18.28	18.14		
15	QPSK	75	0	18.16	18.27	18.22		
15	16QAM	1	0	18.27	18.25	18.25	19.3	0
15	16QAM	1	37	18.18	18.24	18.19		
15	16QAM	1	74	18.26	18.20	18.17		
15	16QAM	36	0	18.22	18.27	18.25	19.3	0
15	16QAM	36	20	18.17	18.23	18.15		
15	16QAM	36	39	18.26	18.24	18.19		
15	16QAM	75	0	18.18	18.24	18.23		
15	64QAM	1	0	18.15	18.22	18.19	19.3	0
15	64QAM	1	37	18.23	18.23	18.20		
15	64QAM	1	74	18.26	18.24	18.25		
15	64QAM	36	0	18.24	18.24	18.24	19.3	0
15	64QAM	36	20	18.28	18.20	18.16		
15	64QAM	36	39	18.19	18.17	18.16		
15	64QAM	75	0	18.28	18.24	18.14		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.21	18.30	18.16	19.3	0
10	QPSK	1	25	18.17	18.21	18.20		
10	QPSK	1	49	18.20	18.17	18.25		
10	QPSK	25	0	18.20	18.25	18.18	19.3	0
10	QPSK	25	12	18.27	18.20	18.25		
10	QPSK	25	25	18.28	18.26	18.20		
10	QPSK	50	0	18.22	18.17	18.15		
10	16QAM	1	0	18.21	18.28	18.16	19.3	0
10	16QAM	1	25	18.15	18.27	18.16		
10	16QAM	1	49	18.27	18.21	18.14		
10	16QAM	25	0	18.20	18.29	18.23	19.3	0
10	16QAM	25	12	18.23	18.17	18.25		
10	16QAM	25	25	18.22	18.25	18.25		
10	16QAM	50	0	18.20	18.26	18.20		
10	64QAM	1	0	18.18	18.24	18.19	19.3	0
10	64QAM	1	25	18.28	18.19	18.16		
10	64QAM	1	49	18.25	18.18	18.21		
10	64QAM	25	0	18.25	18.28	18.22	19.3	0
10	64QAM	25	12	18.26	18.30	18.23		
10	64QAM	25	25	18.17	18.23	18.14		
10	64QAM	50	0	18.15	18.22	18.16		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.17	18.17	18.18	19.3	0
5	QPSK	1	12	18.28	18.20	18.17		
5	QPSK	1	24	18.25	18.26	18.20		
5	QPSK	12	0	18.24	18.23	18.14	19.3	0
5	QPSK	12	7	18.15	18.17	18.23		
5	QPSK	12	13	18.25	18.26	18.24		
5	QPSK	25	0	18.16	18.22	18.19		
5	16QAM	1	0	18.24	18.26	18.19	19.3	0
5	16QAM	1	12	18.26	18.28	18.15		
5	16QAM	1	24	18.20	18.23	18.26		
5	16QAM	12	0	18.24	18.20	18.22	19.3	0
5	16QAM	12	7	18.24	18.19	18.14		
5	16QAM	12	13	18.25	18.29	18.15		
5	16QAM	25	0	18.25	18.26	18.22		
5	64QAM	1	0	18.21	18.25	18.24	19.3	0
5	64QAM	1	12	18.20	18.17	18.21		
5	64QAM	1	24	18.28	18.25	18.17		
5	64QAM	12	0	18.22	18.19	18.19	19.3	0
5	64QAM	12	7	18.20	18.26	18.24		
5	64QAM	12	13	18.19	18.17	18.18		
5	64QAM	25	0	18.24	18.25	18.24		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.20	18.23	18.19	19.3	0
3	QPSK	1	8	18.20	18.22	18.24		
3	QPSK	1	14	18.21	18.25	18.17		
3	QPSK	8	0	18.24	18.23	18.21	19.3	0
3	QPSK	8	4	18.21	18.29	18.26		
3	QPSK	8	7	18.21	18.24	18.14		
3	QPSK	15	0	18.25	18.23	18.17		
3	16QAM	1	0	18.19	18.21	18.26	19.3	0
3	16QAM	1	8	18.28	18.22	18.19		
3	16QAM	1	14	18.15	18.22	18.20		
3	16QAM	8	0	18.16	18.25	18.14	19.3	0
3	16QAM	8	4	18.15	18.22	18.16		
3	16QAM	8	7	18.20	18.24	18.24		
3	16QAM	15	0	18.27	18.23	18.20		
3	64QAM	1	0	18.20	18.24	18.15	19.3	0
3	64QAM	1	8	18.28	18.25	18.21		
3	64QAM	1	14	18.28	18.24	18.21		
3	64QAM	8	0	18.23	18.23	18.22	19.3	0
3	64QAM	8	4	18.24	18.22	18.25		
3	64QAM	8	7	18.21	18.21	18.21		
3	64QAM	15	0	18.22	18.30	18.23		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.15	18.18	18.25	19.3	0
1.4	QPSK	1	3	18.26	18.22	18.15		
1.4	QPSK	1	5	18.26	18.30	18.14		
1.4	QPSK	3	0	18.21	18.27	18.24		
1.4	QPSK	3	1	18.21	18.24	18.14		
1.4	QPSK	3	3	18.20	18.21	18.26		
1.4	QPSK	6	0	18.19	18.24	18.27	19.3	0
1.4	16QAM	1	0	18.19	18.24	18.26	19.3	0
1.4	16QAM	1	3	18.16	18.29	18.23		
1.4	16QAM	1	5	18.17	18.22	18.18		
1.4	16QAM	3	0	18.24	18.22	18.20		
1.4	16QAM	3	1	18.23	18.30	18.18		
1.4	16QAM	3	3	18.22	18.24	18.17		
1.4	16QAM	6	0	18.26	18.24	18.21	19.3	0
1.4	64QAM	1	0	18.16	18.26	18.17	19.3	0
1.4	64QAM	1	3	18.18	18.30	18.23		
1.4	64QAM	1	5	18.18	18.29	18.17		
1.4	64QAM	3	0	18.19	18.18	18.20		
1.4	64QAM	3	1	18.28	18.23	18.26		
1.4	64QAM	3	3	18.19	18.26	18.18		
1.4	64QAM	6	0	18.28	18.24	18.16	19.3	0

Band 2_Ant 4(ENDC)

BW [MHz]	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	21.98	22.02	21.97	23.3	0
20	QPSK	1	49	21.96	21.97	21.89		
20	QPSK	1	99	21.93	21.94	21.89		
20	QPSK	50	0	20.96	20.98	20.93	22.3	1
20	QPSK	50	24	20.87	20.95	20.87		
20	QPSK	50	50	20.94	20.95	20.88		
20	QPSK	100	0	20.92	20.94	20.90		
20	16QAM	1	0	20.98	21.00	20.95	22.3	1
20	16QAM	1	49	20.93	20.92	20.92		
20	16QAM	1	99	20.90	20.92	20.86		
20	16QAM	50	0	19.88	19.89	19.86	21.3	2
20	16QAM	50	24	19.80	19.80	19.83		
20	16QAM	50	50	19.86	19.86	19.80		
20	16QAM	100	0	19.80	19.83	19.81		
20	64QAM	1	0	19.95	19.97	19.93	21.3	2
20	64QAM	1	49	19.91	19.93	19.90		
20	64QAM	1	99	19.87	19.94	19.87		
20	64QAM	50	0	18.82	18.84	18.80	20.3	3
20	64QAM	50	24	18.77	18.74	18.71		
20	64QAM	50	50	18.73	18.76	18.78		
20	64QAM	100	0	18.77	18.79	18.71		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.93	21.97	21.95	23.3	0
15	QPSK	1	37	21.91	21.89	21.80		
15	QPSK	1	74	21.85	21.90	21.84		
15	QPSK	36	0	20.90	20.91	20.84	22.3	1
15	QPSK	36	20	20.81	20.86	20.80		
15	QPSK	36	39	20.89	20.88	20.83		
15	QPSK	75	0	20.88	20.92	20.88		
15	16QAM	1	0	20.91	20.90	20.85	22.3	1
15	16QAM	1	37	20.91	20.88	20.87		
15	16QAM	1	74	20.80	20.89	20.81		
15	16QAM	36	0	19.86	19.80	19.84	21.3	2
15	16QAM	36	20	19.73	19.76	19.78		
15	16QAM	36	39	19.80	19.76	19.70		
15	16QAM	75	0	19.70	19.81	19.71		
15	64QAM	1	0	19.92	19.90	19.87	21.3	2
15	64QAM	1	37	19.87	19.88	19.86		
15	64QAM	1	74	19.81	19.87	19.78		
15	64QAM	36	0	18.76	18.75	18.74	20.3	3
15	64QAM	36	20	18.68	18.71	18.63		
15	64QAM	36	39	18.69	18.71	18.74		
15	64QAM	75	0	18.67	18.76	18.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.89	21.93	21.88	23.3	0
10	QPSK	1	25	21.93	21.93	21.81		
10	QPSK	1	49	21.90	21.92	21.82		
10	QPSK	25	0	20.94	20.91	20.88	22.3	1
10	QPSK	25	12	20.83	20.86	20.83		
10	QPSK	25	25	20.92	20.90	20.78		
10	QPSK	50	0	20.89	20.87	20.85		
10	16QAM	1	0	20.96	20.90	20.88	22.3	1
10	16QAM	1	25	20.84	20.85	20.82		
10	16QAM	1	49	20.81	20.89	20.82		
10	16QAM	25	0	19.80	19.82	19.76	21.3	2
10	16QAM	25	12	19.77	19.73	19.78		
10	16QAM	25	25	19.84	19.76	19.77		
10	16QAM	50	0	19.74	19.75	19.77		
10	64QAM	1	0	19.91	19.87	19.84	21.3	2
10	64QAM	1	25	19.81	19.89	19.84		
10	64QAM	1	49	19.84	19.90	19.81		
10	64QAM	25	0	18.76	18.77	18.72	20.3	3
10	64QAM	25	12	18.75	18.67	18.69		
10	64QAM	25	25	18.71	18.66	18.70		
10	64QAM	50	0	18.75	18.76	18.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.93	21.92	21.88	23.3	0
5	QPSK	1	12	21.90	21.93	21.81		
5	QPSK	1	24	21.84	21.87	21.87		
5	QPSK	12	0	20.86	20.88	20.84	22.3	1
5	QPSK	12	7	20.79	20.93	20.78		
5	QPSK	12	13	20.84	20.89	20.79		
5	QPSK	25	0	20.83	20.91	20.87		
5	16QAM	1	0	20.89	20.95	20.90	22.3	1
5	16QAM	1	12	20.83	20.83	20.83		
5	16QAM	1	24	20.88	20.90	20.79		
5	16QAM	12	0	19.85	19.85	19.76	21.3	2
5	16QAM	12	7	19.77	19.75	19.81		
5	16QAM	12	13	19.84	19.83	19.77		
5	16QAM	25	0	19.77	19.80	19.76		
5	64QAM	1	0	19.91	19.95	19.90	21.3	2
5	64QAM	1	12	19.84	19.85	19.81		
5	64QAM	1	24	19.81	19.90	19.79		
5	64QAM	12	0	18.80	18.76	18.71	20.3	3
5	64QAM	12	7	18.68	18.64	18.63		
5	64QAM	12	13	18.70	18.67	18.68		
5	64QAM	25	0	18.69	18.72	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.96	22.00	21.88	23.3	0
3	QPSK	1	8	21.94	21.89	21.84		
3	QPSK	1	14	21.89	21.85	21.83		
3	QPSK	8	0

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.40	19.44	19.37	20.3	0
20	QPSK	1	49	19.33	19.38	19.30		
20	QPSK	1	99	19.38	19.38	19.35		
20	QPSK	50	0	19.38	19.39	19.30	20.3	0
20	QPSK	50	24	19.33	19.38	19.27		
20	QPSK	50	50	19.34	19.29	19.26		
20	QPSK	100	0	19.25	19.37	19.35		
20	16QAM	1	0	19.30	19.27	19.27	20.3	0
20	16QAM	1	49	19.38	19.36	19.25		
20	16QAM	1	99	19.38	19.37	19.26		
20	16QAM	50	0	19.38	19.38	19.27	20.3	0
20	16QAM	50	24	19.31	19.30	19.29		
20	16QAM	50	50	19.27	19.30	19.36		
20	16QAM	100	0	19.25	19.39	19.25		
20	64QAM	1	0	19.34	19.28	19.31	20.3	0
20	64QAM	1	49	19.38	19.34	19.37		
20	64QAM	1	99	19.37	19.32	19.33		
20	64QAM	50	0	19.26	19.31	19.31	20.3	0
20	64QAM	50	24	19.27	19.33	19.30		
20	64QAM	50	50	19.30	19.40	19.27		
20	64QAM	100	0	19.27	19.31	19.37		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.27	19.34	19.24	20.3	0
15	QPSK	1	37	19.31	19.31	19.27		
15	QPSK	1	74	19.27	19.38	19.28		
15	QPSK	36	0	19.33	19.31	19.26	20.3	0
15	QPSK	36	20	19.31	19.29	19.37		
15	QPSK	36	39	19.25	19.40	19.29		
15	QPSK	75	0	19.35	19.32	19.31		
15	16QAM	1	0	19.37	19.29	19.29	20.3	0
15	16QAM	1	37	19.38	19.39	19.31		
15	16QAM	1	74	19.38	19.40	19.31		
15	16QAM	36	0	19.26	19.28	19.27	20.3	0
15	16QAM	36	20	19.31	19.37	19.37		
15	16QAM	36	39	19.38	19.28	19.35		
15	16QAM	75	0	19.25	19.33	19.28		
15	64QAM	1	0	19.38	19.35	19.24	20.3	0
15	64QAM	1	37	19.28	19.36	19.32		
15	64QAM	1	74	19.31	19.32	19.27		
15	64QAM	36	0	19.29	19.33	19.24	20.3	0
15	64QAM	36	20	19.27	19.28	19.24		
15	64QAM	36	39	19.33	19.31	19.37		
15	64QAM	75	0	19.26	19.37	19.32		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.38	19.29	19.33	20.3	0
10	QPSK	1	25	19.35	19.27	19.32		
10	QPSK	1	49	19.35	19.33	19.34		
10	QPSK	25	0	19.36	19.35	19.31	20.3	0
10	QPSK	25	12	19.30	19.35	19.33		
10	QPSK	25	25	19.30	19.27	19.25		
10	QPSK	50	0	19.28	19.28	19.24		
10	16QAM	1	0	19.32	19.38	19.24	20.3	0
10	16QAM	1	25	19.33	19.38	19.34		
10	16QAM	1	49	19.27	19.37	19.32		
10	16QAM	25	0	19.33	19.29	19.24	20.3	0
10	16QAM	25	12	19.33	19.39	19.36		
10	16QAM	25	25	19.26	19.32	19.37		
10	16QAM	50	0	19.29	19.31	19.25		
10	64QAM	1	0	19.32	19.31	19.24	20.3	0
10	64QAM	1	25	19.29	19.38	19.34		
10	64QAM	1	49	19.34	19.37	19.28		
10	64QAM	25	0	19.25	19.31	19.33	20.3	0
10	64QAM	25	12	19.32	19.30	19.36		
10	64QAM	25	25	19.36	19.36	19.34		
10	64QAM	50	0	19.30	19.36	19.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.30	19.27	19.27	20.3	0
5	QPSK	1	12	19.31	19.28	19.35		
5	QPSK	1	24	19.29	19.34	19.33		
5	QPSK	12	0	19.25	19.40	19.26	20.3	0
5	QPSK	12	7	19.25	19.32	19.37		
5	QPSK	12	13	19.37	19.40	19.27		
5	QPSK	25	0	19.35	19.34	19.29		
5	16QAM	1	0	19.36	19.30	19.27	20.3	0
5	16QAM	1	12	19.27	19.39	19.27		
5	16QAM	1	24	19.29	19.30	19.36		
5	16QAM	12	0	19.27	19.34	19.31	20.3	0
5	16QAM	12	7	19.36	19.37	19.32		
5	16QAM	12	13	19.36	19.34	19.28		
5	16QAM	25	0	19.29	19.38	19.27		
5	64QAM	1	0	19.27	19.28	19.31	20.3	0
5	64QAM	1	12	19.28	19.27	19.36		
5	64QAM	1	24	19.37	19.34	19.29		
5	64QAM	12	0	19.33	19.34	19.37	20.3	0
5	64QAM	12	7	19.35	19.32	19.28		
5	64QAM	12	13	19.37	19.28	19.35		
5	64QAM	25	0	19.31	19.31	19.32		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.35	19.28	19.35	20.3	0
3	QPSK	1	8	19.27	19.28	19.30		
3	QPSK	1	14	19.27	19.40	19.31		
3	QPSK	8	0	19.37	19.38	19.29	20.3	0
3	QPSK	8	4	19.29	19.28	19.31		
3	QPSK	8	7	19.33	19.38	19.31		
3	QPSK	15	0	19.29	19.39	19.26		
3	16QAM	1	0	19.31	19.32	19.36	20.3	0
3	16QAM	1	8	19.29	19.36	19.27		
3	16QAM	1	14	19.29	19.33	19.30		
3	16QAM	8	0	19.28	19.31	19.30	20.3	0
3	16QAM	8	4	19.35	19.31	19.24		
3	16QAM	8	7	19.34	19.35	19.29		
3	16QAM	15	0	19.33	19.32	19.29		
3	64QAM	1	0	19.35	19.33	19.28	20.3	0
3	64QAM	1	8	19.30	19.29	19.30		
3	64QAM	1	14	19.26	19.37	19.26		
3	64QAM	8	0	19.36	19.36	19.37	20.3	0
3	64QAM	8	4	19.35	19.30	19.34		
3	64QAM	8	7	19.26	19.34	19.37		
3	64QAM	15	0	19.32	19.34	19.26		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.30	19.35	19.28	20.3	0
1.4	QPSK	1	3	19.33	19.34	19.24		
1.4	QPSK	1	5	19.33	19.34	19.34		
1.4	QPSK	3	0	19.31	19.34	19.29		
1.4	QPSK	3	1	19.26	19.38	19.27		
1.4	QPSK	3	3	19.35	19.35	19.25		
1.4	QPSK	6	0	19.28	19.30	19.31	20.3	0
1.4	16QAM	1	0	19.25	19.31	19.37	20.3	0
1.4	16QAM	1	3	19.29	19.38	19.35		
1.4	16QAM	1	5	19.35	19.40	19.26		
1.4	16QAM	3	0	19.28	19.38	19.33		
1.4	16QAM	3	1	19.34	19.29	19.37		
1.4	16QAM	3	3	19.28	19.27	19.30		
1.4	16QAM	6	0	19.26	19.39	19.24	20.3	0
1.4	64QAM	1	0	19.27	19.28	19.25	20.3	0
1.4	64QAM	1	3	19.37	19.29	19.35		
1.4	64QAM	1	5	19.27	19.32	19.31		
1.4	64QAM	3	0	19.30	19.30	19.34		
1.4	64QAM	3	1	19.25	19.38	19.30		
1.4	64QAM	3	3	19.38	19.30	19.35		
1.4	64QAM	6	0	19.32	19.29	19.26	20.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.83	18.99	18.89	19.8	0
20	QPSK	1	49	18.80	18.92	18.77		
20	QPSK	1	99	18.82	18.88	18.80		
20	QPSK	50	0	18.82	18.93	18.88	19.8	0
20	QPSK	50	24	18.80	18.92	18.87		
20	QPSK	50	50	18.80	18.88	18.85		
20	QPSK	100	0	18.79	18.84	18.83		
20	16QAM	1	0	18.86	18.81	18.82	19.8	0
20	16QAM	1	49	18.89	18.89	18.82		
20	16QAM	1	99	18.86	18.80	18.88		
20	16QAM	50	0	18.71	18.86	18.85	19.8	0
20	16QAM	50	24	18.89	18.82	18.80		
20	16QAM	50	50	18.87	18.81	18.86		
20	16QAM	100	0	18.85	18.71	18.77		
20	64QAM	1	0	18.86	18.70	18.80	19.8	0
20	64QAM	1	49	18.86	18.80	18.78		
20	64QAM	1	99	18.84	18.70	18.86		
20	64QAM	50	0	18.80	18.83	18.77	19.8	0
20	64QAM	50	24	18.85	18.87	18.89		
20	64QAM	50	50	18.81	18.89	18.86		
20	64QAM	100	0	18.78	18.72	18.81		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.87	18.73	18.78	19.8	0
15	QPSK	1	37	18.82	18.72	18.88		
15	QPSK	1	74	18.89	18.82	18.89		
15	QPSK	36	0	18.87	18.82	18.86	19.8	0
15	QPSK	36	20	18.86	18.81	18.82		
15	QPSK	36	39	18.80	18.86	18.84		
15	QPSK	75	0	18.80	18.72	18.80		
15	16QAM	1	0	18.87	18.82	18.86	19.8	0
15	16QAM	1	37	18.78	18.70	18.80		
15	16QAM	1	74	18.86	18.83	18.88		
15	16QAM	36	0	18.89	18.89	18.86	19.8	0
15	16QAM	36	20	18.87	18.84	18.80		
15	16QAM	36	39	18.86	18.73	18.70		
15	16QAM	75	0	18.89	18.81	18.86		
15	64QAM	1	0	18.71	18.84	18.89	19.8	0
15	64QAM	1	37	18.70	18.83	18.83		
15	64QAM	1	74	18.89	18.81	18.88		
15	64QAM	36	0	18.87	18.73	18.83	19.8	0
15	64QAM	36	20	18.84	18.73	18.80		
15	64QAM	36	39	18.78	18.84	18.88		
15	64QAM	75	0	18.80	18.70	18.78		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.78	18.89	18.83	19.8	0
10	QPSK	1	25	18.86	18.89	18.89		
10	QPSK	1	49	18.83	18.89	18.70		
10	QPSK	25	0	18.87	18.86	18.88	19.8	0
10	QPSK	25	12	18.79	18.72	18.83		
10	QPSK	25	25	18.79	18.73	18.78		
10	QPSK	50	0	18.71	18.72	18.80		
10	16QAM	1	0	18.87	18.85	18.86	19.8	0
10	16QAM	1	25	18.87	18.80	18.86		
10	16QAM	1	49	18.80	18.83	18.82		
10	16QAM	25	0	18.84	18.88	18.86	19.8	0
10	16QAM	25	12	18.88	18.88	18.87		
10	16QAM	25	25	18.86	18.80	18.89		
10	16QAM	50	0	18.87	18.89	18.81		
10	64QAM	1	0	18.83	18.71	18.89	19.8	0
10	64QAM	1	25	18.71	18.73	18.86		
10	64QAM	1	49	18.83	18.83	18.89		
10	64QAM	25	0	18.71	18.81	18.89	19.8	0
10	64QAM	25	12	18.84	18.86	18.82		
10	64QAM	25	25	18.78	18.87	18.86		
10	64QAM	50	0	18.87	18.82	18.86		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.80	18.83	18.84	19.8	0
5	QPSK	1	12	18.83	18.88	18.80		
5	QPSK	1	24	18.87	18.71	18.87		
5	QPSK	12	0	18.79	18.86	18.83	19.8	0
5	QPSK	12	7	18.78	18.80	18.88		
5	QPSK	12	13	18.85	18.81	18.84		
5	QPSK	25	0	18.86	18.88	18.70		
5	16QAM	1	0	18.89	18.84	18.89	19.8	0
5	16QAM	1	12	18.83	18.70	18.86		
5	16QAM	1	24	18.87	18.70	18.86		
5	16QAM	12	0	18.88	18.72	18.77	19.8	0
5	16QAM	12	7	18.82	18.87	18.77		
5	16QAM	12	13	18.70	18.70	18.86		
5	16QAM	25	0	18.83	18.87	18.83		
5	64QAM	1	0	18.82	18.70	18.82	19.8	0
5	64QAM	1	12	18.88	18.81	18.87		
5	64QAM	1	24	18.82	18.70	18.80		
5	64QAM	12	0	18.80	18.72	18.84	19.8	0
5	64QAM	12	7	18.80	18.72	18.88		
5	64QAM	12	13	18.70	18.81	18.87		
5	64QAM	25	0	18.78	18.83	18.79		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.85	18.84	18.83	19.8	0
3	QPSK	1	8	18.81	18.70	18.77		
3	QPSK	1	14	18.71	18.73	18.86		
3	QPSK	8	0	18.85	18.82	18.88	19.8	0
3	QPSK	8	4	18.83	18.80	18.78		
3	QPSK	8	7	18.81	18.82	18.88		
3	QPSK	15	0	18.71	18.86	18.88		
3	16QAM	1	0	18.70	18.72	18.86	19.8	0
3	16QAM	1	8	18.84	18.80	18.86		
3	16QAM	1	14	18.81	18.89	18.89		
3	16QAM	8	0	18.71	18.80	18.81	19.8	0
3	16QAM	8	4	18.81	18.70	18.81		
3	16QAM	8	7	18.83	18.71	18.85		
3	16QAM	15	0	18.81	18.70	18.84		
3	64QAM	1	0	18.70	18.71	18.85	19.8	0
3	64QAM	1	8	18.71	18.82	18.81		
3	64QAM	1	14	18.78	18.85	18.77		
3	64QAM	8	0	18.89	18.81	18.77	19.8	0
3	64QAM	8	4	18.85	18.72	18.85		
3	64QAM	8	7	18.87	18.88	18.77		
3	64QAM	15	0	18.85	18.87	18.81		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.89	18.71	18.84	19.8	0
1.4	QPSK	1	3	18.79	18.81	18.84		
1.4	QPSK	1	5	18.85	18.72	18.70		
1.4	QPSK	3	0	18.81	18.84	18.83		
1.4	QPSK	3	1	18.81	18.80	18.77		
1.4	QPSK	3	3	18.82	18.81	18.80		
1.4	QPSK	6	0	18.79	18.81	18.83	19.8	0
1.4	16QAM	1	0	18.70	18.86	18.83	19.8	0
1.4	16QAM	1	3	18.87	18.73	18.82		
1.4	16QAM	1	5	18.81	18.73	18.82		
1.4	16QAM	3	0	18.88	18.85	18.84		
1.4	16QAM	3	1	18.86	18.86	18.88		
1.4	16QAM	3	3	18.87	18.80	18.77		
1.4	16QAM	6	0	18.84	18.84	18.70	19.8	0
1.4	64QAM	1	0	18.81	18.85	18.77	19.8	0
1.4	64QAM	1	3	18.70	18.83	18.86		
1.4	64QAM	1	5	18.87	18.84	18.83		
1.4	64QAM	3	0	18.82	18.80	18.82		
1.4	64QAM	3	1	18.85	18.72	18.77		
1.4	64QAM	3	3	18.88	18.73	18.87		
1.4	64QAM	6	0	18.88	18.70	18.81	19.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.45	23.60	23.55	24.3	0
20	QPSK	1	49	23.30	23.51	23.53		
20	QPSK	1	99	23.35	23.43	23.40		
20	QPSK	50	0	22.50	22.60	22.56	23.3	1
20	QPSK	50	24	22.40	22.50	22.53		
20	QPSK	50	50	22.40	22.52	22.52		
20	QPSK	100	0	22.38	22.55	22.53		
20	16QAM	1	0	22.49	22.69	22.78	23.3	1
20	16QAM	1	49	22.57	22.75	22.75		
20	16QAM	1	99	22.60	22.66	22.68		
20	16QAM	50	0	21.34	21.43	21.56	22.3	2
20	16QAM	50	24	21.37	21.49	21.56		
20	16QAM	50	50	21.36	21.50	21.52		
20	16QAM	100	0	21.36	21.42	21.53		
20	64QAM	1	0	21.48	21.63	21.76	22.3	2
20	64QAM	1	49	21.52	21.75	21.74		
20	64QAM	1	99	21.57	21.62	21.65		
20	64QAM	50	0	20.35	20.43	20.53	21.3	3
20	64QAM	50	24	20.37	20.51	20.57		
20	64QAM	50	50	20.37	20.51	20.53		
20	64QAM	100	0	20.36	20.47	20.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.33	23.47	23.42	24.3	0
15	QPSK	1	37	23.19	23.43	23.48		
15	QPSK	1	74	23.20	23.31	23.33		
15	QPSK	36	0	22.43	22.46	22.46	23.3	1
15	QPSK	36	20	22.33	22.42	22.37		
15	QPSK	36	39	22.34	22.38	22.38		
15	QPSK	75	0	22.33	22.50	22.46		
15	16QAM	1	0	22.33	22.61	22.71	23.3	1
15	16QAM	1	37	22.51	22.61	22.62		
15	16QAM	1	74	22.45	22.57	22.53		
15	16QAM	36	0	21.29	21.31	21.49	22.3	2
15	16QAM	36	20	21.32	21.35	21.49		
15	16QAM	36	39	21.31	21.38	21.41		
15	16QAM	75	0	21.28	21.30	21.45		
15	64QAM	1	0	21.34	21.47	21.70	22.3	2
15	64QAM	1	37	21.38	21.63	21.66		
15	64QAM	1	74	21.45	21.53	21.50		
15	64QAM	36	0	20.24	20.30	20.42	21.3	3
15	64QAM	36	20	20.21	20.36	20.44		
15	64QAM	36	39	20.32	20.37	20.43		
15	64QAM	75	0	20.21	20.39	20.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.30	23.46	23.44	24.3	0
10	QPSK	1	25	23.16	23.44	23.42		
10	QPSK	1	49	23.20	23.31	23.34		
10	QPSK	25	0	22.34	22.54	22.46	23.3	1
10	QPSK	25	12	22.26	22.37	22.42		
10	QPSK	25	25	22.27	22.36	22.37		
10	QPSK	50	0	22.23	22.41	22.44		
10	16QAM	1	0	22.42	22.56	22.65	23.3	1
10	16QAM	1	25	22.52	22.69	22.66		
10	16QAM	1	49	22.48	22.61	22.58		
10	16QAM	25	0	21.32	21.32	21.50	22.3	2
10	16QAM	25	12	21.32	21.40	21.51		
10	16QAM	25	25	21.30	21.35	21.47		
10	16QAM	50	0	21.31	21.30	21.46		
10	64QAM	1	0	21.36	21.48	21.68	22.3	2
10	64QAM	1	25	21.42	21.66	21.61		
10	64QAM	1	49	21.42	21.52	21.59		
10	64QAM	25	0	20.23	20.33	20.45	21.3	3
10	64QAM	25	12	20.26	20.45	20.48		
10	64QAM	25	25	20.28	20.39	20.43		
10	64QAM	50	0	20.31	20.34	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.38	23.46	23.48	24.3	0
5	QPSK	1	12	23.17	23.39	23.38		
5	QPSK	1	24	23.21	23.29	23.28		
5	QPSK	12	0	22.45	22.44	22.47	23.3	1
5	QPSK	12	7	22.26	22.39	22.45		
5	QPSK	12	13	22.24	22.36	22.45		
5	QPSK	25	0	22.25	22.42	22.44		
5	16QAM	1	0	22.41	22.54	22.62	23.3	1
5	16QAM	1	12	22.44	22.65	22.70		
5	16QAM	1	24	22.46	22.54	22.59		
5	16QAM	12	0	21.28	21.29	21.47	22.3	2
5	16QAM	12	7	21.31	21.41	21.47		
5	16QAM	12	13	21.29	21.37	21.47		
5	16QAM	25	0	21.33	21.30	21.41		
5	64QAM	1	0	21.41	21.49	21.62	22.3	2
5	64QAM	1	12	21.46	21.66	21.67		
5	64QAM	1	24	21.49	21.53	21.53		
5	64QAM	12	0	20.29	20.37	20.47	21.3	3
5	64QAM	12	7	20.24	20.42	20.52		
5	64QAM	12	13	20.30	20.39	20.47		
5	64QAM	25	0	20.21	20.35	20.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.37	23.54	23.41	24.3	0
3	QPSK	1	8	23.20	23.44	23.40		
3	QPSK	1	14	23.25	23.27

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.79	22.89	22.82	23.8	0
10	QPSK	1	25	22.71	22.77	22.72		
10	QPSK	1	49	22.78	22.75	22.75		
10	QPSK	25	0	22.58	22.65	22.62	23.8	0
10	QPSK	25	12	22.57	22.58	22.59		
10	QPSK	25	25	22.56	22.58	22.58		
10	QPSK	50	0	22.55	22.58	22.57		
10	16QAM	1	0	22.64	22.80	22.83	23.8	0
10	16QAM	1	25	22.79	22.83	22.76		
10	16QAM	1	49	22.77	22.84	22.76		
10	16QAM	25	0	21.79	21.81	21.85	22.8	1
10	16QAM	25	12	21.83	21.82	21.82		
10	16QAM	25	25	21.84	21.79	21.78		
10	16QAM	50	0	21.80	21.81	21.83		
10	64QAM	1	0	21.82	21.96	22.01	22.8	1
10	64QAM	1	25	21.97	21.98	21.97		
10	64QAM	1	49	22.02	21.94	21.95		
10	64QAM	25	0	20.79	20.80	20.84	21.8	2
10	64QAM	25	12	20.81	20.81	20.82		
10	64QAM	25	25	20.83	20.78	20.77		
10	64QAM	50	0	20.79	20.78	20.81		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.78	22.78	22.76	23.8	0
5	QPSK	1	12	22.68	22.78	22.76		
5	QPSK	1	24	22.72	22.76	22.81		
5	QPSK	12	0	22.68	22.77	22.75	23.8	0
5	QPSK	12	7	22.65	22.66	22.72		
5	QPSK	12	13	22.64	22.65	22.65		
5	QPSK	25	0	22.66	22.67	22.68		
5	16QAM	1	0	22.55	22.75	22.77	23.8	0
5	16QAM	1	12	22.72	22.72	22.62		
5	16QAM	1	24	22.69	22.68	22.65		
5	16QAM	12	0	21.71	21.69	21.74	22.8	1
5	16QAM	12	7	21.81	21.66	21.70		
5	16QAM	12	13	21.79	21.71	21.63		
5	16QAM	25	0	21.73	21.75	21.67		
5	64QAM	1	0	21.67	21.82	21.91	22.8	1
5	64QAM	1	12	21.88	21.91	21.92		
5	64QAM	1	24	21.88	21.81	21.81		
5	64QAM	12	0	20.68	20.71	20.77	21.8	2
5	64QAM	12	7	20.67	20.69	20.68		
5	64QAM	12	13	20.75	20.71	20.64		
5	64QAM	25	0	20.74	20.63	20.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.70	22.82	22.78	23.8	0
3	QPSK	1	8	22.72	22.85	22.70		
3	QPSK	1	14	22.78	22.86	22.82		
3	QPSK	8	0	22.72	22.80	22.72	23.8	0
3	QPSK	8	4	22.67	22.71	22.65		
3	QPSK	8	7	22.61	22.70	22.62		
3	QPSK	15	0	22.69	22.70	22.62		
3	16QAM	1	0	22.51	22.69	22.74	23.8	0
3	16QAM	1	8	22.66	22.68	22.69		
3	16QAM	1	14	22.68	22.70	22.65		
3	16QAM	8	0	21.76	21.75	21.74	22.8	1
3	16QAM	8	4	21.78	21.73	21.75		
3	16QAM	8	7	21.78	21.71	21.67		
3	16QAM	15	0	21.74	21.72	21.68		
3	64QAM	1	0	21.72	21.85	21.91	22.8	1
3	64QAM	1	8	21.83	21.86	21.87		
3	64QAM	1	14	21.97	21.85	21.81		
3	64QAM	8	0	20.69	20.73	20.68	21.8	2
3	64QAM	8	4	20.65	20.68	20.67		
3	64QAM	8	7	20.72	20.72	20.71		
3	64QAM	15	0	20.73	20.72	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.77	22.81	22.73	23.8	0
1.4	QPSK	1	3	22.69	22.86	22.81		
1.4	QPSK	1	5	22.74	22.76	22.74		
1.4	QPSK	3	0	22.72	22.76	22.70		
1.4	QPSK	3	1	22.68	22.75	22.78		
1.4	QPSK	3	3	22.68	22.75	22.76		
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	0
1.4	16QAM	1	0	22.44	22.45	22.51	23.8	0
1.4	16QAM	1	3	22.43	22.46	22.53		
1.4	16QAM	1	5	22.40	22.50	22.50		
1.4	16QAM	3	0	22.59	22.65	22.71		
1.4	16QAM	3	1	22.64	22.70	22.64		
1.4	16QAM	3	3	22.66	22.72	22.65		
1.4	16QAM	6	0	21.71	21.70	21.77	22.8	1
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	1
1.4	64QAM	1	3	21.81	21.66	21.65		
1.4	64QAM	1	5	21.72	21.67	21.69		
1.4	64QAM	3	0	21.66	21.86	21.95		
1.4	64QAM	3	1	21.91	21.84	21.84		
1.4	64QAM	3	3	21.89	21.89	21.88		
1.4	64QAM	6	0	20.63	20.64	20.75	21.8	2

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.83	23.85	23.81	24.8	0
10	QPSK	1	25	23.77	23.71	23.76		
10	QPSK	1	49	23.78	23.76	23.76		
10	QPSK	25	0	22.76	22.78	22.75	23.8	1
10	QPSK	25	12	22.72	22.75	22.73		
10	QPSK	25	25	22.75	22.73	22.74		
10	QPSK	50	0	22.74	22.75	22.74		
10	16QAM	1	0	22.84	23.03	23.01	23.8	1
10	16QAM	1	25	22.94	22.90	22.95		
10	16QAM	1	49	22.97	22.93	22.93		
10	16QAM	25	0	21.71	21.70	21.71	22.8	2
10	16QAM	25	12	21.73	21.69	21.72		
10	16QAM	25	25	21.74	21.68	21.68		
10	16QAM	50	0	21.74	21.71	21.69		
10	64QAM	1	0	21.75	21.94	21.87	22.8	2
10	64QAM	1	25	21.87	21.88	21.85		
10	64QAM	1	49	21.89	21.88	21.92		
10	64QAM	25	0	20.70	20.68	20.70	21.8	3
10	64QAM	25	12	20.73	20.67	20.73		
10	64QAM	25	25	20.74	20.68	20.67		
10	64QAM	50	0	20.73	20.69	20.69		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.77	23.81	23.74	24.8	0
5	QPSK	1	12	23.70	23.65	23.61		
5	QPSK	1	24	23.76	23.67	23.65		
5	QPSK	12	0	22.58	22.58	22.58	23.8	1
5	QPSK	12	7	22.67	22.66	22.69		
5	QPSK	12	13	22.74	22.68	22.64		
5	QPSK	25	0	22.73	22.71	22.71		
5	16QAM	1	0	22.80	22.97	22.99	23.8	1
5	16QAM	1	12	22.88	22.88	22.81		
5	16QAM	1	24	22.91	22.90	22.79		
5	16QAM	12	0	21.69	21.58	21.67	22.8	2
5	16QAM	12	7	21.71	21.63	21.66		
5	16QAM	12	13	21.61	21.59	21.67		
5	16QAM	25	0	21.66	21.68	21.61		
5	64QAM	1	0	21.61	21.92	21.79	22.8	2
5	64QAM	1	12	21.82	21.73	21.76		
5	64QAM	1	24	21.86	21.86	21.85		
5	64QAM	12	0	20.69	20.54	20.66	21.8	3
5	64QAM	12	7	20.59	20.64	20.58		
5	64QAM	12	13	20.64	20.55	20.61		
5	64QAM	25	0	20.69	20.64	20.63		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.69	23.77	23.69	24.8	0
3	QPSK	1	8	23.66	23.66	23.64		
3	QPSK	1	14	23.73	23.61	23.67		
3	QPSK	8	0	22.59	22.66	22.61	23.8	1
3	QPSK	8	4	22.71	22.65	22.62		
3	QPSK	8	7	22.68	22.58	22.60		
3	QPSK	15	0	22.72	22.73	22.65		
3	16QAM	1	0	22.81	22.94	22.93	23.8	1
3	16QAM	1	8	22.81	22.81	22.81		
3	16QAM	1	14	22.83	22.83	22.83		
3	16QAM	8	0	21.56	21.57	21.56	22.8	2
3	16QAM	8	4	21.58	21.59	21.71		
3	16QAM	8	7	21.73	21.54	21.62		
3	16QAM	15	0	21.66	21.60	21.54		
3	64QAM	1	0	21.69	21.83	21.76	22.8	2
3	64QAM	1	8	21.74	21.80	21.74		
3	64QAM	1	14	21.84	21.79	21.90		
3	64QAM	8	0	20.62	20.61	20.56	21.8	3
3	64QAM	8	4	20.68	20.55	20.64		
3	64QAM	8	7	20.70	20.60	20.52		
3	64QAM	15	0	20.68	20.57	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.73	23.83	23.66	24.8	0
1.4	QPSK	1	3	23.71	23.62	23.65		
1.4	QPSK	1	5	23.76	23.62	23.67		
1.4	QPSK	3	0	23.77	23.72	23.75		
1.4	QPSK	3	1	23.74	23.63	23.74		
1.4	QPSK	3	3	23.70	23.65	23.61		
1.4	QPSK	6	0	22.61	22.67	22.58	23.8	1
1.4	16QAM	1	0	22.64	22.69	22.69	23.8	1
1.4	16QAM	1	3	22.69	22.69	22.69		
1.4	16QAM	1	5	22.70	22.73	22.72		
1.4	16QAM	3	0	22.83	22.95	22.96		
1.4	16QAM	3	1	22.82	22.85	22.91		
1.4	16QAM	3	3	22.86	22.90	22.88		
1.4	16QAM	6	0	21.56	21.68	21.61	22.8	2
1.4	64QAM	1	0	21.70	21.66	21.65	22.8	2
1.4	64QAM	1	3	21.61	21.57	21.65		
1.4	64QAM	1	5	21.68	21.69	21.70		
1.4	64QAM	3	0	21.58	21.60	21.67		
1.4	64QAM	3	1	21.67	21.57	21.65		
1.4	64QAM	3	3	21.67	21.69	21.62		
1.4	64QAM	6	0	20.62	20.66	20.57	21.8	3

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.11	19.27	19.07	19.8	0
20	QPSK	1	49	18.92	18.93	18.92		
20	QPSK	1	99	19.01	18.99	18.92		
20	QPSK	50	0	19.11	19.18	18.94	19.8	0
20	QPSK	50	24	18.92	18.93	18.93		
20	QPSK	50	50	19.06	18.95	18.89		
20	QPSK	100	0	19.00	19.07	18.92		
20	16QAM	1	0	19.02	19.07	19.07	19.8	0
20	16QAM	1	49	18.89	19.02	19.06		
20	16QAM	1	99	19.06	19.12	18.97		
20	16QAM	50	0	18.99	18.90	18.97	19.8	0
20	16QAM	50	24	19.02	19.00	18.91		
20	16QAM	50	50	19.03	18.99	19.02		
20	16QAM	100	0	19.11	19.08	18.94		
20	64QAM	1	0	19.02	18.93	18.98	19.8	0
20	64QAM	1	49	18.97	18.98	18.93		
20	64QAM	1	99	18.94	18.97	19.11		
20	64QAM	50	0	19.11	18.94	19.07	19.8	0
20	64QAM	50	24	18.93	19.02	19.03		
20	64QAM	50	50	19.10	18.98	19.00		
20	64QAM	100	0	19.04	19.04	18.95		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.11	19.08	19.03	19.8	0
15	QPSK	1	37	18.97	18.94	18.97		
15	QPSK	1	74	18.96	19.03	18.97		
15	QPSK	36	0	19.07	19.04	19.05	19.8	0
15	QPSK	36	20	18.95	18.97	18.98		
15	QPSK	36	39	18.99	18.93	19.01		
15	QPSK	75	0	18.93	19.04	18.90		
15	16QAM	1	0	19.02	19.09	18.98	19.8	0
15	16QAM	1	37	18.96	18.99	19.10		
15	16QAM	1	74	19.11	19.01	18.92		
15	16QAM	36	0	18.90	18.98	18.87	19.8	0
15	16QAM	36	20	18.91	18.90	19.04		
15	16QAM	36	39	18.98	18.99	18.96		
15	16QAM	75	0	18.99	19.06	19.00		
15	64QAM	1	0	18.95	18.99	18.97	19.8	0
15	64QAM	1	37	18.96	18.95	18.95		
15	64QAM	1	74	19.02	19.09	19.02		
15	64QAM	36	0	19.09	18.92	18.95	19.8	0
15	64QAM	36	20	18.91	19.07	19.04		
15	64QAM	36	39	19.03	19.04	19.02		
15	64QAM	75	0	19.06	19.12	18.91		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.11	19.20	19.07	19.8	0
10	QPSK	1	25	18.94	18.91	18.97		
10	QPSK	1	49	18.95	18.97	19.05		
10	QPSK	25	0	19.00	19.11	18.99	19.8	0
10	QPSK	25	12	19.02	18.97	18.94		
10	QPSK	25	25	19.08	18.92	19.00		
10	QPSK	50	0	18.94	19.13	18.88		
10	16QAM	1	0	18.98	19.12	19.03	19.8	0
10	16QAM	1	25	18.97	18.98	18.99		
10	16QAM	1	49	19.12	19.13	18.96		
10	16QAM	25	0	18.95	18.98	18.90	19.8	0
10	16QAM	25	12	18.92	19.03	18.92		
10	16QAM	25	25	18.98	19.08	18.97		
10	16QAM	50	0	19.12	19.01	19.00		
10	64QAM	1	0	19.01	19.02	19.02	19.8	0
10	64QAM	1	25	18.97	18.92	19.05		
10	64QAM	1	49	19.02	19.02	19.05		
10	64QAM	25	0	19.07	19.02	18.96	19.8	0
10	64QAM	25	12	18.93	18.98	19.01		
10	64QAM	25	25	19.08	19.03	18.98		
10	64QAM	50	0	19.04	19.07	18.99		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.07	19.10	19.02	19.8	0
5	QPSK	1	12	18.98	18.92	18.90		
5	QPSK	1	24	18.98	18.97	19.03		
5	QPSK	12	0	18.98	19.04	19.02	19.8	0
5	QPSK	12	7	19.02	19.04	19.05		
5	QPSK	12	13	19.10	18.97	18.93		
5	QPSK	25	0	19.01	19.10	18.91		
5	16QAM	1	0	18.99	19.03	19.00	19.8	0
5	16QAM	1	12	18.93	19.09	19.02		
5	16QAM	1	24	19.00	19.14	18.90		
5	16QAM	12	0	19.00	18.93	18.91	19.8	0
5	16QAM	12	7	18.96	18.95	19.03		
5	16QAM	12	13	19.09	19.08	19.04		
5	16QAM	25	0	19.03	18.98	19.05		
5	64QAM	1	0	18.93	18.98	19.02	19.8	0
5	64QAM	1	12	19.07	18.97	18.92		
5	64QAM	1	24	18.95	19.02	19.02		
5	64QAM	12	0	19.00	18.97	18.98	19.8	0
5	64QAM	12	7	19.00	18.98	18.97		
5	64QAM	12	13	19.05	18.97	19.03		
5	64QAM	25	0	19.00	19.04	19.00		

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.33	14.44	14.30	15.3	0
20	QPSK	1	49	14.23	14.26	14.17		
20	QPSK	1	99	14.24	14.23	14.28		
20	QPSK	50	0	14.26	14.31	14.26	15.3	0
20	QPSK	50	24	14.20	14.23	14.09		
20	QPSK	50	50	14.17	14.29	14.18		
20	QPSK	100	0	14.14	14.32	14.18		
20	16QAM	1	0	14.09	14.13	14.22	15.3	0
20	16QAM	1	49	14.30	14.22	14.19		
20	16QAM	1	99	14.08	14.21	14.23		
20	16QAM	50	0	14.14	14.22	14.17	15.3	0
20	16QAM	50	24	14.20	14.14	14.23		
20	16QAM	50	50	14.10	14.21	14.26		
20	16QAM	100	0	14.25	14.24	14.25		
20	64QAM	1	0	14.16	14.23	14.24	15.3	0
20	64QAM	1	49	14.33	14.15	14.20		
20	64QAM	1	99	14.09	14.27	14.26		
20	64QAM	50	0	14.28	14.25	14.23	15.3	0
20	64QAM	50	24	14.20	14.31	14.16		
20	64QAM	50	50	14.24	14.22	14.20		
20	64QAM	100	0	14.14	14.31	14.25		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.27	14.38	14.22	15.3	0
15	QPSK	1	37	14.21	14.28	14.13		
15	QPSK	1	74	14.23	14.28	14.30		
15	QPSK	36	0	14.26	14.35	14.25	15.3	0
15	QPSK	36	20	14.23	14.22	14.18		
15	QPSK	36	39	14.22	14.25	14.30		
15	QPSK	75	0	14.15	14.28	14.20		
15	16QAM	1	0	14.21	14.18	14.24	15.3	0
15	16QAM	1	37	14.28	14.30	14.19		
15	16QAM	1	74	14.17	14.20	14.23		
15	16QAM	36	0	14.18	14.23	14.29	15.3	0
15	16QAM	36	20	14.29	14.11	14.13		
15	16QAM	36	39	14.20	14.19	14.26		
15	16QAM	75	0	14.21	14.23	14.15		
15	64QAM	1	0	14.27	14.30	14.20	15.3	0
15	64QAM	1	37	14.25	14.24	14.21		
15	64QAM	1	74	14.11	14.33	14.21		
15	64QAM	36	0	14.19	14.28	14.21	15.3	0
15	64QAM	36	20	14.09	14.28	14.17		
15	64QAM	36	39	14.16	14.16	14.20		
15	64QAM	75	0	14.18	14.29	14.30		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.33	14.40	14.28	15.3	0
10	QPSK	1	25	14.17	14.28	14.09		
10	QPSK	1	49	14.25	14.35	14.25		
10	QPSK	25	0	14.27	14.23	14.30	15.3	0
10	QPSK	25	12	14.26	14.23	14.11		
10	QPSK	25	25	14.17	14.21	14.31		
10	QPSK	50	0	14.12	14.31	14.12		
10	16QAM	1	0	14.13	14.13	14.26	15.3	0
10	16QAM	1	25	14.29	14.29	14.30		
10	16QAM	1	49	14.13	14.25	14.12		
10	16QAM	25	0	14.17	14.29	14.25	15.3	0
10	16QAM	25	12	14.21	14.22	14.16		
10	16QAM	25	25	14.19	14.14	14.31		
10	16QAM	50	0	14.21	14.26	14.20		
10	64QAM	1	0	14.26	14.27	14.26	15.3	0
10	64QAM	1	25	14.33	14.25	14.20		
10	64QAM	1	49	14.11	14.25	14.26		
10	64QAM	25	0	14.31	14.34	14.27	15.3	0
10	64QAM	25	12	14.12	14.23	14.21		
10	64QAM	25	25	14.17	14.16	14.20		
10	64QAM	50	0	14.22	14.34	14.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.26	14.38	14.30	15.3	0
5	QPSK	1	12	14.25	14.28	14.14		
5	QPSK	1	24	14.18	14.26	14.25		
5	QPSK	12	0	14.19	14.27	14.25	15.3	0
5	QPSK	12	7	14.26	14.10	14.15		
5	QPSK	12	13	14.26	14.21	14.24		
5	QPSK	25	0	14.16	14.32	14.20		
5	16QAM	1	0	14.14	14.17	14.26	15.3	0
5	16QAM	1	12	14.22	14.26	14.29		
5	16QAM	1	24	14.09	14.21	14.17		
5	16QAM	12	0	14.23	14.18	14.26	15.3	0
5	16QAM	12	7	14.25	14.23	14.14		
5	16QAM	12	13	14.22	14.14	14.29		
5	16QAM	25	0	14.20	14.21	14.20		
5	64QAM	1	0	14.14	14.26	14.27	15.3	0
5	64QAM	1	12	14.22	14.17	14.11		
5	64QAM	1	24	14.17	14.23	14.20		
5	64QAM	12	0	14.19	14.32	14.20	15.3	0
5	64QAM	12	7	14.08	14.32	14.23		
5	64QAM	12	13	14.16	14.25	14.18		
5	64QAM	25	0	14.14	14.25	14.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.08	18.28	18.05	19.1	0
20	QPSK	1	49	17.87	17.81	17.80		
20	QPSK	1	99	17.87	17.92	17.88		
20	QPSK	50	0	18.06	18.16	17.89	19.1	0
20	QPSK	50	24	17.80	17.79	17.83		
20	QPSK	50	50	17.94	17.94	17.79		
20	QPSK	100	0	17.98	18.01	17.83		
20	16QAM	1	0	17.88	17.97	18.06	19.1	0
20	16QAM	1	49	17.83	17.96	17.94		
20	16QAM	1	99	18.04	17.99	17.92		
20	16QAM	50	0	17.89	17.84	17.92	19.1	0
20	16QAM	50	24	17.92	17.97	17.78		
20	16QAM	50	50	17.97	17.94	17.99		
20	16QAM	100	0	17.99	17.98	17.87		
20	64QAM	1	0	17.88	17.80	17.86	19.1	0
20	64QAM	1	49	17.90	17.92	17.87		
20	64QAM	1	99	17.89	17.86	18.05		
20	64QAM	50	0	18.00	17.83	18.04	19.1	0
20	64QAM	50	24	17.88	18.00	17.94		
20	64QAM	50	50	18.04	17.86	17.87		
20	64QAM	100	0	17.91	17.95	17.87		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.03	18.14	17.94	19.1	0
15	QPSK	1	37	17.81	17.83	17.80		
15	QPSK	1	74	17.97	17.85	17.81		
15	QPSK	36	0	18.02	18.10	17.92	19.1	0
15	QPSK	36	20	17.87	17.81	17.83		
15	QPSK	36	39	18.04	17.81	17.77		
15	QPSK	75	0	17.93	17.93	17.79		
15	16QAM	1	0	17.89	18.02	17.96	19.1	0
15	16QAM	1	37	17.84	17.88	17.99		
15	16QAM	1	74	18.05	18.11	17.88		
15	16QAM	36	0	17.95	17.81	17.95	19.1	0
15	16QAM	36	20	17.95	17.92	17.77		
15	16QAM	36	39	18.02	17.91	17.91		
15	16QAM	75	0	18.06	17.98	17.90		
15	64QAM	1	0	17.94	17.90	17.95	19.1	0
15	64QAM	1	37	17.87	17.96	17.92		
15	64QAM	1	74	17.93	17.93	18.03		
15	64QAM	36	0	18.10	17.87	18.03	19.1	0
15	64QAM	36	20	17.90	17.91	17.99		
15	64QAM	36	39	18.08	17.87	17.90		
15	64QAM	75	0	17.94	17.93	17.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.06	18.22	18.01	19.1	0
10	QPSK	1	25	17.90	17.84	17.82		
10	QPSK	1	49	17.94	17.85	17.82		
10	QPSK	25	0	17.97	18.05	17.85	19.1	0
10	QPSK	25	12	17.80	17.86	17.82		
10	QPSK	25	25	18.01	17.94	17.77		
10	QPSK	50	0	17.91	17.94	17.82		
10	16QAM	1	0	17.97	18.06	17.98	19.1	0
10	16QAM	1	25	17.80	17.96	18.01		
10	16QAM	1	49	17.98	18.02	17.88		
10	16QAM	25	0	17.98	17.79	17.85	19.1	0
10	16QAM	25	12	17.93	17.95	17.82		
10	16QAM	25	25	17.99	17.86	17.88		
10	16QAM	50	0	18.01	18.03	17.91		
10	64QAM	1	0	17.89	17.88	17.88	19.1	0
10	64QAM	1	25	17.83	17.85	17.84		
10	64QAM	1	49	17.86	17.95	18.06		
10	64QAM	25	0	18.08	17.91	17.97	19.1	0
10	64QAM	25	12	17.92	18.01	17.92		
10	64QAM	25	25	17.96	17.95	17.91		
10	64QAM	50	0	17.95	17.98	17.94		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.05	18.20	18.03	19.1	0
5	QPSK	1	12	17.87	17.81	17.86		
5	QPSK	1	24	18.00	17.91	17.86		
5	QPSK	12	0	18.02	18.10	17.82	19.1	0
5	QPSK	12	7	17.81	17.79	17.89		
5	QPSK	12	13	17.92	17.81	17.75		
5	QPSK	25	0	17.99	17.93	17.86		
5	16QAM	1	0	17.96	17.98	18.06	19.1	0
5	16QAM	1	12	17.75	17.96	17.92		
5	16QAM	1	24	18.04	18.01	17.87		
5	16QAM	12	0	17.94	17.88	17.95	19.1	0
5	16QAM	12	7	17.99	17.91	17.90		
5	16QAM	12	13	17.90	17.98	17.94		
5	16QAM	25	0	18.01	18.07	17.85		
5	64QAM	1	0	17.88	17.90	17.93	19.1	0
5	64QAM	1	12	17.93	17.85	17.85		
5	64QAM	1	24	17.80	17.87	18.06		
5	64QAM	12	0	18.01	17.93	18.05	19.1	0
5	64QAM	12	7	17.88	17.90	17.95		
5	64QAM	12	13	18.00	17.86	17.86		
5	64QAM	25	0	18.03	17.97	17.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.88	22.92	22.82	23.8	0
10	QPSK	1	25	22.80	22.76	22.78		
10	QPSK	1	49	22.73	22.85	22.73		
10	QPSK	25	0	22.83	22.87	22.80	23.8	0
10	QPSK	25	12	22.82	22.77	22.79		
10	QPSK	25	25	22.73	22.80	22.76		
10	QPSK	50	0	22.80	22.82	22.78		
10	16QAM	1	0	22.72	22.72	22.74	23.8	0
10	16QAM	1	25	22.78	22.75	22.72		
10	16QAM	1	49	22.71	22.74	22.70		
10	16QAM	25	0	21.72	21.78	21.79	22.8	1
10	16QAM	25	12	21.80	21.80	21.82		
10	16QAM	25	25	21.83	21.81	21.84		
10	16QAM	50	0	21.79	21.83	21.82		
10	64QAM	1	0	21.89	21.89	21.98	22.8	1
10	64QAM	1	25	21.89	22.00	21.97		
10	64QAM	1	49	22.03	22.04	22.00		
10	64QAM	25	0	20.70	20.78	20.77	21.8	2
10	64QAM	25	12	20.79	20.80	20.80		
10	64QAM	25	25	20.82	20.82	20.84		
10	64QAM	50	0	20.78	20.79	20.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.72	22.74	22.79	23.8	0
5	QPSK	1	12	22.73	22.76	22.78		
5	QPSK	1	24	22.71	22.78	22.72		
5	QPSK	12	0	22.74	22.72	22.74	23.8	0
5	QPSK	12	7	22.73	22.75	22.71		
5	QPSK	12	13	22.73	22.70	22.73		
5	QPSK	25	0	22.74	22.79	22.70		
5	16QAM	1	0	22.72	22.77	22.76	23.8	0
5	16QAM	1	12	22.72	22.72	22.73		
5	16QAM	1	24	22.79	22.72	22.77		
5	16QAM	12	0	21.70	21.69	21.71	22.8	1
5	16QAM	12	7	21.75	21.67	21.76		
5	16QAM	12	13	21.75	21.75	21.76		
5	16QAM	25	0	21.77	21.71	21.74		
5	64QAM	1	0	21.84	21.84	21.91	22.8	1
5	64QAM	1	12	21.80	21.91	21.82		
5	64QAM	1	24	21.87	21.96	21.92		
5	64QAM	12	0	20.64	20.67	20.68	21.8	2
5	64QAM	12	7	20.64	20.71	20.69		
5	64QAM	12	13	20.73	20.68	20.79		
5	64QAM	25	0	20.69	20.64	20.76		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.72	22.78	23.8	0
3	QPSK	1	8	22.74	22.72	22.73		
3	QPSK	1	14	22.72	22.70	22.74		
3	QPSK	8	0	22.70	22.79	22.72	23.8	0
3	QPSK	8	4	22.71	22.76	22.74		
3	QPSK	8	7	22.76	22.73	22.71		
3	QPSK	15	0	22.78	22.79	22.73		
3	16QAM	1	0	22.72	22.72	22.74	23.8	0
3	16QAM	1	8	22.79	22.76	22.72		
3	16QAM	1	14	22.73	22.79	22.70		
3	16QAM	8	0	21.66	21.69	21.64	22.8	1
3	16QAM	8	4	21.72	21.68	21.74		
3	16QAM	8	7	21.76	21.68	21.73		
3	16QAM	15	0	21.73	21.69	21.75		
3	64QAM	1	0	21.74	21.76	21.86	22.8	1
3	64QAM	1	8	21.78	21.87	21.90		
3	64QAM	1	14	21.90	21.89	21.89		
3	64QAM	8	0	20.61	20.62	20.62	21.8	2
3	64QAM	8	4	20.64	20.71	20.72		
3	64QAM	8	7	20.72	20.72	20.70		
3	64QAM	15	0	20.71	20.65	20.77		
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	22.77	23.8	0
1.4	QPSK	1	3	22.77	22.77	22.71		
1.4	QPSK	1	5	22.73	22.77	22.77		
1.4	QPSK	3	0	22.72	22.77	22.75		
1.4	QPSK	3	1	22.71	22.79	22.70		
1.4	QPSK	3	3	22.70	22.77	22.78		
1.4	QPSK	6	0	22.72	22.77	22.76	23.8	0
1.4	16QAM	1	0	22.71	22.72	22.75	23.8	0
1.4	16QAM	1	3	22.72	22.71	22.72		
1.4	16QAM	1	5	22.79	22.78	22.71		
1.4	16QAM	3	0	22.73	22.71	22.75		
1.4	16QAM	3	1	22.75	22.78	22.79		
1.4	16QAM	3	3	22.74	22.79	22.71		
1.4	16QAM	6	0	21.68	21.62	21.63	22.8	1
1.4	64QAM	1	0	21.73	21.69	21.67	22.8	1
1.4	64QAM	1	3	21.81	21.66	21.78		
1.4	64QAM	1	5	21.73	21.76	21.75		
1.4	64QAM	3	0	21.74	21.80	21.89		
1.4	64QAM	3	1	21.79	21.90	21.87		
1.4	64QAM	3	3	21.94	21.91	21.84		
1.4	64QAM	6	0	20.59	20.64	20.62	21.8	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.53	23.56	23.51	24.3	0
10	QPSK	1	25	23.32	23.40	23.37		
10	QPSK	1	49	23.52	23.40	23.35		
10	QPSK	25	0	22.97	22.99	22.95	23.8	0.5
10	QPSK	25	12	22.96	22.95	22.93		
10	QPSK	25	25	22.95	22.96	22.93		
10	QPSK	50	0	22.96	22.97	22.94		
10	16QAM	1	0	23.17	23.13	23.22	23.8	0.5
10	16QAM	1	25	23.12	23.22	23.16		
10	16QAM	1	49	23.32	23.24	23.18		
10	16QAM	25	0	21.88	21.92	21.89	22.8	1.5
10	16QAM	25	12	21.96	21.95	21.91		
10	16QAM	25	25	21.98	21.94	21.93		
10	16QAM	50	0	21.92	21.95	21.94		
10	64QAM	1	0	21.99	22.04	22.09	22.8	1.5
10	64QAM	1	25	22.05	22.07	22.07		
10	64QAM	1	49	22.13	22.16	22.12		
10	64QAM	25	0	20.87	20.91	20.90	21.8	2.5
10	64QAM	25	12	20.94	20.93	20.89		
10	64QAM	25	25	20.96	20.92	20.91		
10	64QAM	50	0	20.93	20.93	20.93		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.40	23.47	23.41	24.3	0
5	QPSK	1	12	23.28	23.46	23.29		
5	QPSK	1	24	23.50	23.39	23.40		
5	QPSK	12	0	22.94	22.92	22.81	23.8	0.5
5	QPSK	12	7	22.94	22.85	22.90		
5	QPSK	12	13	22.88	22.94	22.84		
5	QPSK	25	0	22.90	22.90	22.87		
5	16QAM	1	0	23.02	23.12	23.20	23.8	0.5
5	16QAM	1	12	22.98	23.16	23.12		
5	16QAM	1	24	23.29	23.20	23.06		
5	16QAM	12	0	21.78	21.82	21.88	22.8	1.5
5	16QAM	12	7	21.94	21.93	21.86		
5	16QAM	12	13	21.90	21.91	21.91		
5	16QAM	25	0	21.91	21.81	21.87		
5	64QAM	1	0	21.97	21.91	22.06	22.8	1.5
5	64QAM	1	12	21.93	22.03	22.01		
5	64QAM	1	24	22.01	22.09	22.07		
5	64QAM	12	0	20.72	20.77	20.85	21.8	2.5
5	64QAM	12	7	20.85	20.82	20.78		
5	64QAM	12	13	20.94	20.84	20.89		
5	64QAM	25	0	20.88	20.79	20.86		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.51	23.52	23.40	24.3	0
3	QPSK	1	8	23.29	23.41	23.34		
3	QPSK	1	14	23.39	23.41	23.35		
3	QPSK	8	0	22.95	22.88	22.91	23.8	0.5
3	QPSK	8	4	22.83	22.91	22.87		
3	QPSK	8	7	22.81	22.84	22.91		
3	QPSK	15	0	22.87	22.91	22.89		
3	16QAM	1	0	23.04	23.12	23.09	23.8	0.5
3	16QAM	1	8	23.11	23.15	23.11		
3	16QAM	1	14	23.26	23.15	23.13		
3	16QAM	8	0	21.77	21.85	21.86	22.8	1.5
3	16QAM	8	4	21.85	21.87	21.90		
3	16QAM	8	7	21.91	21.93	21.83		
3	16QAM	15	0	21.78	21.90	21.88		
3	64QAM	1	0	21.93	21.97	22.02	22.8	1.5
3	64QAM	1	8	21.90	21.93	21.94		
3	64QAM	1	14	21.98	22.03	22.10		
3	64QAM	8	0	20.86	20.86	20.79	21.8	2.5
3	64QAM	8	4	20.79	20.92	20.82		
3	64QAM	8	7	20.89	20.79	20.90		
3	64QAM	15	0	20.92	20.92	20.82		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.51	23.53	23.51	24.3	0
1.4	QPSK	1	3	23.36	23.37	23.33		
1.4	QPSK	1	5	23.39	23.45	23.34		
1.4	QPSK	3	0	23.42	23.48	23.45		
1.4	QPSK	3	1	23.40	23.46	23.36		
1.4	QPSK	3	3	23.40	23.47	23.38		
1.4	QPSK	6	0	22.86	22.97	22.91	23.8	0.5
1.4	16QAM	1	0	22.93	22.88	22.85	23.8	0.5
1.4	16QAM	1	3	22.89	22.91	22.86		
1.4	16QAM	1	5	22.89	22.95	22.83		
1.4	16QAM	3	0	23.06	23.08	23.19		
1.4	16QAM	3	1	23.01	23.10	23.04		
1.4	16QAM	3	3	23.30	23.20	23.04		
1.4	16QAM	6	0	21.79	21.77	21.88	22.8	1.5
1.4	64QAM	1	0	21.79	21.84	21.85	22.8	1.5
1.4	64QAM	1	3	21.82	21.84	21.84		
1.4	64QAM	1	5	21.83	21.77	21.80		
1.4	64QAM	3	0	21.78	21.77	21.87		
1.4	64QAM	3	1	21.75	21.88	21.86		
1.4	64QAM	3	3	21.75	21.86	21.74		
1.4	64QAM	6	0	20.82	20.81	20.80	21.8	2.5

Band 13_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.98		24.8	0
10	QPSK	1	25		23.94			
10	QPSK	1	49		23.90			
10	QPSK	25	0		22.97		23.8	1
10	QPSK	25	12		22.89			
10	QPSK	25	25		22.92			
10	QPSK	50	0		22.90			
10	16QAM	1	0		23.10		23.8	1
10	16QAM	1	25		23.15			
10	16QAM	1	49		23.13			
10	16QAM	25	0		21.93		22.8	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.96			
10	16QAM	50	0		21.94			
10	64QAM	1	0		22.07		22.8	2
10	64QAM	1	25		22.07			
10	64QAM	1	49		22.12			
10	64QAM	25	0		20.91		21.8	3
10	64QAM	25	12		20.90			
10	64QAM	25	25		20.94			
10	64QAM	50	0		20.93			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.83	23.89	23.89	24.8	0
5	QPSK	1	12	23.86	23.84	23.89		
5	QPSK	1	24	23.80	23.74	23.85		
5	QPSK	12	0	22.88	22.83	22.83	23.8	1
5	QPSK	12	7	22.77	22.77	22.76		
5	QPSK	12	13	22.87	22.79	22.83		
5	QPSK	25	0	22.81	22.80	22.82		
5	16QAM	1	0	22.96	23.01	23.01	23.8	1
5	16QAM	1	12	23.08	23.03	23.04		
5	16QAM	1	24	23.05	23.07	23.08		
5	16QAM	12	0	21.90	21.77	21.84	22.8	2
5	16QAM	12	7	21.83	21.79	21.82		
5	16QAM	12	13	21.92	21.81	21.87		
5	16QAM	25	0	21.89	21.85	21.88		
5	64QAM	1	0	22.02	22.00	22.00	22.8	2
5	64QAM	1	12	22.02	21.98	21.96		
5	64QAM	1	24	22.02	21.99	21.97		
5	64QAM	12	0	20.80	20.84	20.76	21.8	3
5	64QAM	12	7	20.85	20.74	20.81		
5	64QAM	12	13	20.78	20.84	20.79		
5	64QAM	25	0	20.88	20.84	20.79		

Band 13_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.97		24.8	0
10	QPSK	1	25		23.93			
10	QPSK	1	49		23.96			
10	QPSK	25	0		22.91		23.8	1
10	QPSK	25	12		22.90			
10	QPSK	25	25		22.90			
10	QPSK	50	0		22.90			
10	16QAM	1	0		23.07		23.8	1
10	16QAM	1	25		23.07			
10	16QAM	1	49		23.13			
10	16QAM	25	0		21.92		22.8	2
10	16QAM	25	12		21.90			
10	16QAM	25	25		21.92			
10	16QAM	50	0		21.90			
10	64QAM	1	0		22.09		22.8	2
10	64QAM	1	25		22.06			
10	64QAM	1	49		22.09			
10	64QAM	25	0		20.90		21.8	3
10	64QAM	25	12		20.88			
10	64QAM	25	25		20.92			
10	64QAM	50	0		20.89			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.89	23.85	23.91	24.8	0
5	QPSK	1	12	23.84	23.82	23.78		
5	QPSK	1	24	23.94	23.93	23.91		
5	QPSK	12	0	22.82	22.77	22.81	23.8	1
5	QPSK	12	7	22.76	22.76	22.89		
5	QPSK	12	13	22.81	22.78	22.80		
5	QPSK	25	0	22.89	22.86	22.80		
5	16QAM	1	0	22.94	23.03	22.95	23.8	1
5	16QAM	1	12	23.01	23.05	22.93		
5	16QAM	1	24	23.04	23.10	23.12		
5	16QAM	12	0	21.86	21.85	21.78	22.8	2
5	16QAM	12	7	21.83	21.89	21.84		
5	16QAM	12	13	21.87	21.90	21.79		
5	16QAM	25	0	21.84	21.87	21.78		
5	64QAM	1	0	22.05	22.02	22.04	22.8	2
5	64QAM	1	12	22.01	22.02	21.97		
5	64QAM	1	24	21.99	22.06	22.02		
5	64QAM	12	0	20.88	20.82	20.79	21.8	3
5	64QAM	12	7	20.85	20.79	20.73		
5	64QAM	12	13	20.83	20.83	20.81		
5	64QAM	25	0	20.78	20.86	20.77		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.81	22.83	22.81	23.8	0
10	QPSK	1	25	22.57	22.72	22.64		
10	QPSK	1	49	22.75	22.70	22.80		
10	QPSK	25	0	22.33	22.35	22.32	23.8	0
10	QPSK	25	12	22.25	22.26	22.27		
10	QPSK	25	25	22.30	22.31	22.31		
10	QPSK	50	0	22.29	22.32	22.26		
10	16QAM	1	0	22.43	22.51	22.44	23.8	0
10	16QAM	1	25	22.56	22.53	22.51		
10	16QAM	1	49	22.57	22.52	22.49		
10	16QAM	25	0	21.73	21.73	21.71	22.8	1
10	16QAM	25	12	21.72	21.74	21.73		
10	16QAM	25	25	21.79	21.79	21.78		
10	16QAM	50	0	21.79	21.77	21.74		
10	64QAM	1	0	21.84	21.93	21.83	22.8	1
10	64QAM	1	25	21.96	21.96	21.93		
10	64QAM	1	49	21.98	21.97	21.93		
10	64QAM	25	0	20.72	20.70	20.69	21.8	2
10	64QAM	25	12	20.71	20.74	20.73		
10	64QAM	25	25	20.77	20.80	20.75		
10	64QAM	50	0	20.75	20.75	20.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.78	22.82	22.78	23.8	0
5	QPSK	1	12	22.59	22.77	22.70		
5	QPSK	1	24	22.71	22.77	22.71		
5	QPSK	12	0	22.19	22.21	22.21	23.8	0
5	QPSK	12	7	22.15	22.14	22.15		
5	QPSK	12	13	22.15	22.26	22.24		
5	QPSK	25	0	22.13	22.24	22.19		
5	16QAM	1	0	22.32	22.37	22.35	23.8	0
5	16QAM	1	12	22.47	22.48	22.41		
5	16QAM	1	24	22.43	22.38	22.33		
5	16QAM	12	0	21.70	21.57	21.55	22.8	1
5	16QAM	12	7	21.65	21.66	21.68		
5	16QAM	12	13	21.71	21.74	21.68		
5	16QAM	25	0	21.75	21.63	21.58		
5	64QAM	1	0	21.74	21.84	21.78	22.8	1
5	64QAM	1	12	21.89	21.81	21.87		
5	64QAM	1	24	21.87	21.86	21.85		
5	64QAM	12	0	20.57	20.59	20.54	21.8	2
5	64QAM	12	7	20.55	20.67	20.64		
5	64QAM	12	13	20.70	20.66	20.63		
5	64QAM	25	0	20.63	20.67	20.63		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.94	22.95	22.92	24.3	0
10	QPSK	1	25	22.70	22.68	22.67		
10	QPSK	1	49	22.89	22.77	22.73		
10	QPSK	25	0	22.65	22.67	22.63	23.8	0.5
10	QPSK	25	12	22.55	22.52	22.51		
10	QPSK	25	25	22.57	22.53	22.51		
10	QPSK	50	0	22.56	22.63	22.50		
10	16QAM	1	0	22.73	22.88	22.84	23.8	0.5
10	16QAM	1	25	22.79	22.80	22.78		
10	16QAM	1	49	22.77	22.80	22.78		
10	16QAM	25	0	21.84	21.81	21.80	22.8	1.5
10	16QAM	25	12	21.82	21.80	21.79		
10	16QAM	25	25	21.83	21.81	21.78		
10	16QAM	50	0	21.86	21.81	21.78		
10	64QAM	1	0	21.96	21.99	22.02	22.8	1.5
10	64QAM	1	25	22.00	21.92	21.96		
10	64QAM	1	49	22.05	22.02	22.02		
10	64QAM	25	0	20.82	20.80	20.79	21.8	2.5
10	64QAM	25	12	20.83	20.80	20.79		
10	64QAM	25	25	20.83	20.79	20.77		
10	64QAM	50	0	20.82	20.80	20.78		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	22.85	22.87	22.86	24.3	0
5	QPSK	1	12	22.71	22.70	22.68		
5	QPSK	1	24	22.86	22.80	22.80		
5	QPSK	12	0	22.53	22.54	22.51	23.8	0.5
5	QPSK	12	7	22.41	22.39	22.43		
5	QPSK	12	13	22.42	22.38	22.40		
5	QPSK	25	0	22.41	22.51	22.35		
5	16QAM	1	0	22.72	22.78	22.75	23.8	0.5
5	16QAM	1	12	22.76	22.69	22.67		
5	16QAM	1	24	22.74	22.70	22.75		
5	16QAM	12	0	21.72	21.68	21.69	22.8	1.5
5	16QAM	12	7	21.79	21.70	21.70		
5	16QAM	12	13	21.68	21.79	21.71		
5	16QAM	25	0	21.85	21.66	21.69		
5	64QAM	1	0	21.95	21.91	21.97	22.8	1.5
5	64QAM	1	12	21.87	21.87	21.95		
5	64QAM	1	24	22.01	22.00	21.99		
5	64QAM	12	0	20.79	20.71	20.76	21.8	2.5
5	64QAM	12	7	20.74	20.77	20.76		
5	64QAM	12	13	20.69	20.64	20.67		
5	64QAM	25	0	20.68	20.65	20.76		

Band 26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	22.88	22.92	22.84	23.8	0
15	QPSK	1	37	22.76	22.77	22.77		
15	QPSK	1	74	22.71	22.89	22.64		
15	QPSK	36	0	22.87	22.89	22.80	23.8	0
15	QPSK	36	20	22.85	22.73	22.70		
15	QPSK	36	39	22.64	22.74	22.67		
15	QPSK	75	0	22.77	22.78	22.76		
15	16QAM	1	0	22.72	22.71	22.72	23.8	0
15	16QAM	1	37	22.81	22.73	22.73		
15	16QAM	1	74	22.72	22.70	22.65		
15	16QAM	36	0	21.63	21.72	21.80	22.8	1
15	16QAM	36	20	21.93	21.92	21.92		
15	16QAM	36	39	21.95	21.90	21.89		
15	16QAM	75	0	21.95	21.95	21.94		
15	64QAM	1	0	22.06	22.09	22.06	22.8	1
15	64QAM	1	37	22.02	22.06	22.06		
15	64QAM	1	74	22.11	22.01	22.03		
15	64QAM	36	0	20.95	20.96	20.93	21.8	2
15	64QAM	36	20	20.94	20.92	20.94		
15	64QAM	36	39	20.96	20.91	20.89		
15	64QAM	75	0	20.93	20.93	20.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	22.83	22.75	22.83	23.8	0
10	QPSK	1	25	22.82	22.74	22.73		
10	QPSK	1	49	22.66	22.83	22.70		
10	QPSK	25	0	22.81	22.88	22.84	23.8	0
10	QPSK	25	12	22.80	22.77	22.72		
10	QPSK	25	25	22.72	22.73	22.67		
10	QPSK	50	0	22.74	22.81	22.70		
10	16QAM	1	0	22.63	22.75	22.75	23.8	0
10	16QAM	1	25	22.70	22.78	22.63		
10	16QAM	1	49	22.62	22.71	22.74		
10	16QAM	25	0	21.68	21.73	21.77	22.8	1
10	16QAM	25	12	21.86	21.87	21.80		
10	16QAM	25	25	21.93	21.79	21.80		
10	16QAM	50	0	21.92	21.89	21.87		
10	64QAM	1	0	21.97	21.99	21.95	22.8	1
10	64QAM	1	25	21.92	21.99	21.95		
10	64QAM	1	49	21.95	21.94	21.95		
10	64QAM	25	0	20.80	20.89	20.81	21.8	2
10	64QAM	25	12	20.80	20.77	20.87		
10	64QAM	25	25	20.86	20.79	20.76		
10	64QAM	50	0	20.81	20.87	20.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	22.81	22.88	22.84	23.8	0
5	QPSK	1	12	22.81	22.71	22.70		
5	QPSK	1	24	22.68	22.77	22.68		
5	QPSK	12	0	22.74	22.81	22.77	23.8	0
5	QPSK	12	7	22.77	22.74	22.78		
5	QPSK	12	13	22.75	22.82	22.77		
5	QPSK	25	0	22.71	22.77	22.74		
5	16QAM	1	0	22.63	22.72	22.78	23.8	0
5	16QAM	1	12	22.72	22.73	22.73		
5	16QAM	1	24	22.68	22.75	22.71		
5	16QAM	12	0	21.75	21.74	21.78	22.8	1
5	16QAM	12	7	21.91	21.87	21.80		
5	16QAM	12	13	21.90	21.83	21.79		
5	16QAM	25	0	21.93	21.84	21.84		
5	64QAM	1	0	21.99	21.98	21.91	22.8	1
5	64QAM	1	12	21.96	21.98	21.93		
5	64QAM	1	24	21.95	21.94	21.96		
5	64QAM	12	0	20.89	20.80	20.80	21.8	2
5	64QAM	12	7	20.84	20.76	20.82		
5	64QAM	12	13	20.82	20.82	20.84		
5	64QAM	25	0	20.79	20.81	20.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	22.87	22.88	22.75	23.8	0
3	QPSK	1	8	22.73	22.73	22.81		
3	QPSK	1	14	22.66	22.85	22.70		
3	QPSK	8	0	22.84	22.86	22.80	23.8	0
3	QPSK	8	4	22.85	22.74	22.73		
3	QPSK	8	7	22.71	22.80	22.74		
3	QPSK	15	0	22.82	22.80	22.82		
3	16QAM	1	0	22.65	22.71	22.71	23.8	0
3	16QAM	1	8	22.70	22.74	22.73		
3	16QAM	1	14	22.68	22.71	22.73		
3	16QAM	8	0	21.74	21.76	21.75	22.8	1
3	16QAM	8	4	21.89	21.83	21.85		
3	16QAM	8	7	21.90	21.77	21.77		
3	16QAM	15	0	21.93	21.81	21.88		
3	64QAM	1	0	21.92	21.99	22.00	22.8	1
3	64QAM	1	8	21.86	21.94	21.98		
3	64QAM	1	14	22.02	21.89	21.98		
3	64QAM	8	0	20.90	20.87	20.78	21.8	2
3	64QAM	8	4	20.87	20.85	20.83		
3	64QAM	8	7	20.87	20.78	20.82		
3	64QAM	15	0	20.79	20.82	20.82		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.77	22.73	22.73	23.8	0
1.4	QPSK	1	3	22.82	22.74	22.76		
1.4	QPSK	1	5	22.73	22.80	22.81		
1.4	QPSK	3	0	22.75	22.72	22.77		
1.4	QPSK	3	1	22.78	22.75	22.74		
1.4	QPSK	3	3	22.72	22.80	22.81		
1.4	QPSK	6	0	22.75	22.72	22.77	23.8	0
1.4	16QAM	1	0	22.79	22.78	22.77	23.8	0
1.4	16QAM	1	3	22.80	22.79	22.70		
1.4	16QAM	1	5	22.74	22.78	22.79		
1.4	16QAM	3	0	22.74	22.80	22.77		
1.4	16QAM	3	1	22.75	22.68	22.80		
1.4	16QAM	3	3	22.80	22.80	22.78		
1.4	16QAM	6	0	21.85	21.85	21.82	22.8	1
1.4	64QAM	1	0	21.91	21.78	21.84	22.8	1
1.4	64QAM	1	3	21.93	21.75	21.75		
1.4	64QAM	1	5	21.88	21.88	21.87		
1.4	64QAM	3	0	21.98	21.94	21.98		
1.4	64QAM	3	1	21.88	21.98	21.95		
1.4	64QAM	3	3	21.99	21.93	21.87		
1.4	64QAM	6	0	20.89	20.88	20.81	21.8	2

Band 26_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.93	23.95	23.92	24.8	0
15	QPSK	1	37	23.90	23.86	23.87		
15	QPSK	1	74	23.84	23.82	23.76		
15	QPSK	36	0	22.85	22.88	22.83	23.8	1
15	QPSK	36	20	22.81	22.76	22.72		
15	QPSK	36	39	22.80	22.76	22.73		
15	QPSK	75	0	22.80	22.85	22.74		
15	16QAM	1	0	23.07	23.08	23.08	23.8	1
15	16QAM	1	37	23.04	23.11	23.04		
15	16QAM	1	74	23.06	22.97	22.99		
15	16QAM	36	0	21.83	21.80	21.78	22.8	2
15	16QAM	36	20	21.83	21.78	21.76		
15	16QAM	36	39	21.79	21.79	21.76		
15	16QAM	75	0	21.83	21.80	21.79		
15	64QAM	1	0	22.00	21.91	21.97	22.8	2
15	64QAM	1	37	21.96	22.00	21.95		
15	64QAM	1	74	21.96	21.89	21.93		
15	64QAM	36	0	20.83	20.81	20.80	21.8	3
15	64QAM	36	20	20.82	20.79	20.79		
15	64QAM	36	39	20.81	20.81	20.78		
15	64QAM	75	0	20.82	20.79	20.76		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.84	23.94	23.78	24.8	0
10	QPSK	1	25	23.76	23.79	23.86		
10	QPSK	1	49	23.81	23.73	23.62		
10	QPSK	25	0	22.79	22.78	22.71	23.8	1
10	QPSK	25	12	22.78	22.65	22.66		
10	QPSK	25	25	22.68	22.71	22.68		
10	QPSK	50	0	22.66	22.70	22.62		
10	16QAM	1	0	22.97	22.97	22.99	23.8	1
10	16QAM	1	25	22.98	23.04	23.01		
10	16QAM	1	49	23.03	22.95	22.92		
10	16QAM	25	0	21.70	21.77	21.77	22.8	2
10	16QAM	25	12	21.72	21.63	21.64		
10	16QAM	25	25	21.71	21.73	21.65		
10	16QAM	50	0	21.75	21.76	21.66		
10	64QAM	1	0	21.89	21.79	21.82	22.8	2
10	64QAM	1	25	21.88	21.95	21.80		
10	64QAM	1	49	21.86	21.76	21.88		
10	64QAM	25	0	20.71	20.76	20.74	21.8	3
10	64QAM	25	12	20.78	20.64	20.75		
10	64QAM	25	25	20.76	20.80	20.72		
10	64QAM	50	0	20.68	20.70	20.65		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.82	23.83	23.90	24.8	0
5	QPSK	1	12	23.80	23.80	23.75		
5	QPSK	1	24	23.80	23.80	23.73		
5	QPSK	12	0	22.71	22.80	22.77	23.8	1
5	QPSK	12	7	22.74	22.65	22.57		
5	QPSK	12	13	22.79	22.64	22.58		
5	QPSK	25	0	22.74	22.79	22.66		
5	16QAM	1	0	23.04	23.05	23.00	23.8	1
5	16QAM	1	12	22.92	23.06	23.01		
5	16QAM	1	24	22.97	22.90	22.96		
5	16QAM	12	0	21.81	21.68	21.77	22.8	2
5	16QAM	12	7	21.72	21.69	21.72		
5	16QAM	12	13	21.69	21.77	21.75		
5	16QAM	25	0	21.71	21.72	21.70		
5	64QAM	1	0	21.99	21.89	21.82	22.8	2
5	64QAM	1	12	21.95	21.89	21.93		
5	64QAM	1	24	21.91	21.84	21.85		
5	64QAM	12	0	20.73	20.72	20.75	21.8	3
5	64QAM	12	7	20.78	20.74	20.67		
5	64QAM	12	13	20.71	20.78	20.69		
5	64QAM	25	0	20.76	20.67	20.66		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.84	23.84	23.89	24.8	0
3	QPSK	1	8	23.81	23.74	23.81		
3	QPSK	1	14	23.82	23.67	23.69		
3	QPSK	8	0	22.82	22.81	22.80	23.8	1
3	QPSK	8	4	22.74	22.75	22.71		
3	QPSK	8	7	22.67	22.75	22.71		
3	QPSK	15	0	22.73	22.82	22.71		
3	16QAM	1	0	23.06	23.03	22.98	23.8	1
3	16QAM	1	8	22.94	23.08	22.94		
3	16QAM	1	14	22.98	22.89	22.89		
3	16QAM	8	0	21.69	21.73	21.77	22.8	2
3	16QAM	8	4	21.68	21.63	21.64		
3	16QAM	8	7	21.70	21.71	21.69		
3	16QAM	15	0	21.73	21.70	21.71		
3	64QAM	1	0	21.91	21.81	21.89	22.8	2
3	64QAM	1	8	21.82	21.96	21.92		
3	64QAM	1	14	21.91	21.88	21.82		
3	64QAM	8	0	20.70	20.70	20.67	21.8	3
3	64QAM	8	4	20.79	20.75	20.70		
3	64QAM	8	7	20.78	20.68	20.76		
3	64QAM	15	0	20.69	20.66	20.70		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.89	23.93	23.78	24.8	0
1.4	QPSK	1	3	23.82	23.78	23.74		
1.4	QPSK	1	5	23.82	23.67	23.63		
1.4	QPSK	3	0	23.87	23.92	23.87		
1.4	QPSK	3	1	23.85	23.74	23.86		
1.4	QPSK	3	3	23.80	23.69	23.66		
1.4	QPSK	6	0	22.83	22.79	22.78	23.8	1
1.4	16QAM	1	0	22.71	22.62	22.59	23.8	1
1.4	16QAM	1	3	22.74	22.67	22.62		
1.4	16QAM	1	5	22.79	22.77	22.60		
1.4	16QAM	3	0	22.94	22.94	22.95		
1.4	16QAM	3	1	23.00	23.01	22.89		
1.4	16QAM	3	3	23.02	22.87	22.94		
1.4	16QAM	6	0	21.78	21.69	21.72	22.8	2
1.4	64QAM	1	0	21.82	21.71	21.71	22.8	2
1.4	64QAM	1	3	21.74	21.77	21.62		
1.4	64QAM	1	5	21.77	21.72	21.77		
1.4	64QAM	3	0	21.92	21.84	21.86		
1.4	64QAM	3	1	21.87	21.96	21.87		
1.4	64QAM	3	3	21.88	21.87	21.90		
1.4	64QAM	6	0	20.72	20.71	20.75	21.8	3

Band 66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.46	19.55	19.50	20.3	0
20	QPSK	1	49	19.38	19.45	19.36		
20	QPSK	1	99	19.41	19.44	19.42		
20	QPSK	50	0	19.44	19.51	19.44	20.3	0
20	QPSK	50	24	19.41	19.50	19.33		
20	QPSK	50	50	19.41	19.38	19.27		
20	QPSK	100	0	19.26	19.47	19.42		
20	16QAM	1	0	19.37	19.35	19.30	20.3	0
20	16QAM	1	49	19.51	19.42	19.39		
20	16QAM	1	99	19.42	19.43	19.39		
20	16QAM	50	0	19.39	19.47	19.36	20.3	0
20	16QAM	50	24	19.40	19.35	19.39		
20	16QAM	50	50	19.40	19.40	19.46		
20	16QAM	100	0	19.34	19.41	19.26		
20	64QAM	1	0	19.37	19.34	19.34	20.3	0
20	64QAM	1	49	19.39	19.35	19.39		
20	64QAM	1	99	19.39	19.33	19.42		
20	64QAM	50	0	19.36	19.41	19.42	20.3	0
20	64QAM	50	24	19.32	19.41	19.38		
20	64QAM	50	50	19.32	19.48	19.38		
20	64QAM	100	0	19.30	19.37	19.42		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.51	19.53	19.46	20.3	0
15	QPSK	1	37	19.34	19.49	19.40		
15	QPSK	1	74	19.43	19.45	19.46		
15	QPSK	36	0	19.42	19.52	19.35	20.3	0
15	QPSK	36	20	19.47	19.44	19.32		
15	QPSK	36	39	19.43	19.36	19.39		
15	QPSK	75	0	19.30	19.51	19.42		
15	16QAM	1	0	19.32	19.41	19.33	20.3	0
15	16QAM	1	37	19.49	19.39	19.27		
15	16QAM	1	74	19.51	19.39	19.36		
15	16QAM	36	0	19.48	19.50	19.36	20.3	0
15	16QAM	36	20	19.39	19.42	19.36		
15	16QAM	36	39	19.36	19.42	19.44		
15	16QAM	75	0	19.37	19.53	19.39		
15	64QAM	1	0	19.36	19.33	19.38	20.3	0
15	64QAM	1	37	19.46	19.42	19.50		
15	64QAM	1	74	19.40	19.42	19.39		
15	64QAM	36	0	19.32	19.39	19.35	20.3	0
15	64QAM	36	20	19.37	19.40	19.32		
15	64QAM	36	39	19.39	19.53	19.36		
15	64QAM	75	0	19.40	19.32	19.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.42	19.53	19.45	20.3	0
10	QPSK	1	25	19.46	19.52	19.43		
10	QPSK	1	49	19.50	19.48	19.47		
10	QPSK	25	0	19.45	19.43	19.34	20.3	0
10	QPSK	25	12	19.39	19.46	19.40		
10	QPSK	25	25	19.44	19.40	19.37		
10	QPSK	50	0	19.27	19.50	19.45		
10	16QAM	1	0	19.33	19.30	19.34	20.3	0
10	16QAM	1	25	19.42	19.46	19.28		
10	16QAM	1	49	19.48	19.48	19.33		
10	16QAM	25	0	19.43	19.41	19.35	20.3	0
10	16QAM	25	12	19.43	19.31	19.36		
10	16QAM	25	25	19.39	19.36	19.42		
10	16QAM	50	0	19.38	19.52	19.27		
10	64QAM	1	0	19.45	19.32	19.34	20.3	0
10	64QAM	1	25	19.43	19.39	19.50		
10	64QAM	1	49	19.40	19.35	19.45		
10	64QAM	25	0	19.36	19.33	19.34	20.3	0
10	64QAM	25	12	19.33	19.42	19.43		
10	64QAM	25	25	19.34	19.43	19.31		
10	64QAM	50	0	19.41	19.35	19.41		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.46	19.48	19.44	20.3	0
5	QPSK	1	12	19.36	19.43	19.34		
5	QPSK	1	24	19.41	19.51	19.47		
5	QPSK	12	0	19.39	19.52	19.41	20.3	0
5	QPSK	12	7	19.34	19.48	19.38		
5	QPSK	12	13	19.47	19.43	19.36		
5	QPSK	25	0	19.26	19.44	19.44		
5	16QAM	1	0	19.35	19.34	19.36	20.3	0
5	16QAM	1	12	19.46	19.41	19.26		
5	16QAM	1	24	19.43	19.41	19.27		
5	16QAM	12	0	19.45	19.42	19.38	20.3	0
5	16QAM	12	7	19.43	19.37	19.31		
5	16QAM	12	13	19.41	19.39	19.43		
5	16QAM	25	0	19.29	19.41	19.34		
5	64QAM	1	0	19.39	19.30	19.35	20.3	0
5	64QAM	1	12	19.50	19.46	19.45		
5	64QAM	1	24	19.51	19.35	19.36		
5	64QAM	12	0	19.27	19.34	19.41	20.3	0
5	64QAM	12	7	19.35	19.38	19.31		
5	64QAM	12	13	19.34	19.48	19.37		
5	64QAM	25	0	19.28	19.32	19.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.53	19.53	19.39	20.3	0
3	QPSK	1	8	19.37	19.41	19.31		
3	QPSK	1	14	19.40	19.42	19.47		
3	QPSK	8	0	19.49	19.45	19.31	20.3	0
3	QPSK	8	4	19.43	19.42	19.34		
3	QPSK	8	7	19.35	19.38	19.40		
3	QPSK	15	0	19.39	19.51	19.43		
3	16QAM	1	0	19.31	19.39	19.38	20.3	0
3	16QAM	1	8	19.41	19.48	19.35		
3	16QAM	1	14	19.51	19.46	19.34		
3	16QAM	8	0	19.50	19.51	19.33	20.3	0
3	16QAM	8	4	19.43	19.39	19.31		
3	16QAM	8	7	19.40	19.41	19.44		
3	16QAM	15	0	19.32	19.41	19.30		
3	64QAM	1	0	19.46	19.34	19.44	20.3	0
3	64QAM	1	8	19.47	19.46	19.50		
3	64QAM	1	14	19.46	19.46	19.47		
3	64QAM	8	0	19.38	19.38	19.39	20.3	0
3	64QAM	8	4	19.34	19.44	19.43		
3	64QAM	8	7	19.35	19.42	19.30		
3	64QAM	15	0	19.28	19.43	19.46		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.48	19.45	19.42	20.3	0
1.4	QPSK	1	3	19.36	19.45	19.42		
1.4	QPSK	1	5	19.40	19.47	19.36		
1.4	QPSK	3	0	19.40	19.53	19.35		
1.4	QPSK	3	1	19.47	19.42	19.32		
1.4	QPSK	3	3	19.43	19.42	19.30		
1.4	QPSK	6	0	19.27	19.40	19.41	20.3	0
1.4	16QAM	1	0	19.33	19.28	19.31	20.3	0
1.4	16QAM	1	3	19.52	19.50	19.33		
1.4	16QAM	1	5	19.39	19.51	19.27		
1.4	16QAM	3	0	19.43	19.44	19.32		
1.4	16QAM	3	1	19.34	19.34	19.33		
1.4	16QAM	3	3	19.36	19.39	19.37		
1.4	16QAM	6	0	19.32	19.44	19.39	20.3	0
1.4	64QAM	1	0	19.36	19.36	19.40	20.3	0
1.4	64QAM	1	3	19.49	19.36	19.39		
1.4	64QAM	1	5	19.51	19.43	19.35		
1.4	64QAM	3	0	19.28	19.44	19.35		
1.4	64QAM	3	1	19.31	19.39	19.44		
1.4	64QAM	3	3	19.40	19.42	19.36		
1.4	64QAM	6	0	19.36	19.37	19.49	20.3	0

Band 66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.97	19.10	19.00	19.8	0
20	QPSK	1	49	18.91	19.05	18.91		
20	QPSK	1	99	18.95	18.97	18.81		
20	QPSK	50	0	18.91	19.06	18.96	19.8	0
20	QPSK	50	24	18.88	19.04	18.94		
20	QPSK	50	50	18.88	18.98	18.91		
20	QPSK	100	0	18.91	18.97	18.90		
20	16QAM	1	0	18.96	18.86	18.84	19.8	0
20	16QAM	1	49	19.03	18.90	18.83		
20	16QAM	1	99	18.92	18.91	18.91		
20	16QAM	50	0	18.80	18.87	18.93	19.8	0
20	16QAM	50	24	18.94	18.95	18.87		
20	16QAM	50	50	18.90	18.95	18.97		
20	16QAM	100	0	18.98	18.84	18.87		
20	64QAM	1	0	18.97	18.76	18.93	19.8	0
20	64QAM	1	49	18.91	18.84	18.84		
20	64QAM	1	99	18.93	18.81	18.94		
20	64QAM	50	0	18.89	18.93	18.87	19.8	0
20	64QAM	50	24	18.86	18.89	18.90		
20	64QAM	50	50	18.93	18.93	18.90		
20	64QAM	100	0	18.83	18.81	18.93		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.84	19.00	18.89	19.8	0
15	QPSK	1	37	18.82	18.97	18.82		
15	QPSK	1	74	18.90	18.95	18.78		
15	QPSK	36	0	18.88	19.03	18.97	19.8	0
15	QPSK	36	20	18.81	18.96	18.90		
15	QPSK	36	39	18.83	18.85	18.95		
15	QPSK	75	0	18.87	18.90	18.84		
15	16QAM	1	0	18.92	18.85	18.81	19.8	0
15	16QAM	1	37	18.87	18.90	18.87		
15	16QAM	1	74	18.96	18.90	18.86		
15	16QAM	36	0	18.80	18.92	18.84	19.8	0
15	16QAM	36	20	18.88	18.80	18.77		
15	16QAM	36	39	18.86	18.82	18.83		
15	16QAM	75	0	18.88	18.73	18.77		
15	64QAM	1	0	18.90	18.73	18.87	19.8	0
15	64QAM	1	37	18.93	18.81	18.76		
15	64QAM	1	74	18.88	18.76	18.96		
15	64QAM	36	0	18.78	18.89	18.87	19.8	0
15	64QAM	36	20	18.89	18.90	18.97		
15	64QAM	36	39	18.79	18.99	18.89		
15	64QAM	75	0	18.84	18.80	18.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.88	19.06	18.95	19.8	0
10	QPSK	1	25	18.87	18.97	18.77		
10	QPSK	1	49	18.82	18.85	18.85		
10	QPSK	25	0	18.82	18.90	18.97	19.8	0
10	QPSK	25	12	18.83	19.02	18.84		
10	QPSK	25	25	18.82	18.87	18.95		
10	QPSK	50	0	18.82	18.85	18.81		
10	16QAM	1	0	18.92	18.90	18.87	19.8	0
10	16QAM	1	25	18.95	18.95	18.83		
10	16QAM	1	49	18.84	18.90	18.97		
10	16QAM	25	0	18.77	18.85	18.95	19.8	0
10	16QAM	25	12	18.87	18.88	18.77		
10	16QAM	25	25	18.84	18.83	18.91		
10	16QAM	50	0	18.85	18.70	18.78		
10	64QAM	1	0	18.95	18.80	18.86	19.8	0
10	64QAM	1	25	18.95	18.78	18.82		
10	64QAM	1	49	18.91	18.78	18.95		
10	64QAM	25	0	18.79	18.91	18.75	19.8	0
10	64QAM	25	12	18.91	18.89	18.86		
10	64QAM	25	25	18.89	18.87	18.84		
10	64QAM	50	0	18.76	18.73	18.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.91	19.04	18.90	19.8	0
5	QPSK	1	12	18.82	18.89	18.81		
5	QPSK	1	24	18.86	18.95	18.79		
5	QPSK	12	0	18.84	19.01	18.91	19.8	0
5	QPSK	12	7	18.78	18.93	18.93		
5	QPSK	12	13	18.90	18.97	18.86		
5	QPSK	25	0	18.86	18.84	18.93		
5	16QAM	1	0	18.87	18.88	18.79	19.8	0
5	16QAM	1	12	18.99	18.93	18.85		
5	16QAM	1	24	18.94	18.85	18.98		
5	16QAM	12	0	18.70	18.96	18.88	19.8	0
5	16QAM	12	7	18.96	18.85	18.89		
5	16QAM	12	13	18.85	18.85	18.84		
5	16QAM	25	0	18.82	18.68	18.83		
5	64QAM	1	0	18.85	18.78	18.84	19.8	0
5	64QAM	1	12	18.93	18.82	18.88		
5	64QAM	1	24	18.84	18.77	18.96		
5	64QAM	12	0	18.81	18.91	18.84	19.8	0
5	64QAM	12	7	18.90	18.90	18.92		
5	64QAM	12	13	18.91	18.86	18.88		
5	64QAM	25	0	18.78	18.71	18.90		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.85	19.02	18.98	19.8	0
3	QPSK	1	8	18.82	18.97	18.76		
3	QPSK	1	14	18.90	18.87	18.81		
3	QPSK	8	0	18.86	18.99	18.85	19.8	0
3	QPSK	8	4	18.85	19.00	18.92		
3	QPSK	8	7	18.89	18.98	18.84		
3	QPSK	15	0	18.85	18.92	18.88		
3	16QAM	1	0	18.91	18.86	18.79	19.8	0
3	16QAM	1	8	18.90	18.87	18.88		
3	16QAM	1	14	18.94	18.79	18.98		
3	16QAM	8	0	18.74	18.83	18.85	19.8	0
3	16QAM	8	4	18.91	18.84	18.81		
3	16QAM	8	7	18.84	18.79	18.89		
3	16QAM	15	0	18.90	18.70	18.85		
3	64QAM	1	0	18.84	18.68	18.89	19.8	0
3	64QAM	1	8	18.83	18.88	18.87		
3	64QAM	1	14	18.82	18.72	18.93		
3	64QAM	8	0	18.80	18.89	18.87	19.8	0
3	64QAM	8	4	18.85	18.90	18.93		
3	64QAM	8	7	18.91	18.89	18.91		
3	64QAM	15	0	18.82	18.75	18.90		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.90	19.07	18.90	19.8	0
1.4	QPSK	1	3	18.80	18.92	18.79		
1.4	QPSK	1	5	18.81	18.93	18.81		
1.4	QPSK	3	0	18.86	18.96	18.85		
1.4	QPSK	3	1	18.81	19.02	18.92		
1.4	QPSK	3	3	18.80	18.87	18.94		
1.4	QPSK	6	0	18.89	18.82	18.82	19.8	0
1.4	16QAM	1	0	18.89	18.79	18.90	19.8	0
1.4	16QAM	1	3	18.89	18.86	18.91		
1.4	16QAM	1	5	18.86	18.82	18.90		
1.4	16QAM	3	0	18.79	18.95	18.88		
1.4	16QAM	3	1	18.86	18.89	18.80		
1.4	16QAM	3	3	18.93	18.89	18.89		
1.4	16QAM	6	0	18.86	18.80	18.76	19.8	0
1.4	64QAM	1	0	18.87	18.68	18.86	19.8	0
1.4	64QAM	1	3	18.85	18.86	18.81		
1.4	64QAM	1	5	18.89	18.74	18.87		
1.4	64QAM	3	0	18.82	18.89	18.81		
1.4	64QAM	3	1	18.95	18.90	18.87		
1.4	64QAM	3	3	18.90	18.91	18.85		
1.4	64QAM	6	0	18.76	18.73	18.78	19.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.52	23.65	23.58	24.3	0
20	QPSK	1	49	23.29	23.56	23.35		
20	QPSK	1	99	23.33	23.47	23.21		
20	QPSK	50	0	22.39	22.60	22.42	23.3	1
20	QPSK	50	24	22.36	22.57	22.39		
20	QPSK	50	50	22.35	22.51	22.27		
20	QPSK	100	0	22.35	22.53	22.32		
20	16QAM	1	0	22.53	22.81	22.78	23.3	1
20	16QAM	1	49	22.56	22.78	22.57		
20	16QAM	1	99	22.59	22.74	22.43		
20	16QAM	50	0	21.38	21.59	21.41	22.3	2
20	16QAM	50	24	21.36	21.57	21.37		
20	16QAM	50	50	21.36	21.53	21.27		
20	16QAM	100	0	21.34	21.53	21.32		
20	64QAM	1	0	21.52	21.76	21.75	22.3	2
20	64QAM	1	49	21.54	21.80	21.49		
20	64QAM	1	99	21.55	21.70	21.43		
20	64QAM	50	0	20.39	20.59	20.40	21.3	3
20	64QAM	50	24	20.35	20.57	20.38		
20	64QAM	50	50	20.35	20.54	20.29		
20	64QAM	100	0	20.35	20.54	20.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.47	23.56	23.43	24.3	0
15	QPSK	1	37	23.18	23.42	23.23		
15	QPSK	1	74	23.21	23.34	23.16		
15	QPSK	36	0	22.31	22.48	22.27	23.3	1
15	QPSK	36	20	22.29	22.41	22.27		
15	QPSK	36	39	22.19	22.40	22.20		
15	QPSK	75	0	22.19	22.42	22.23		
15	16QAM	1	0	22.47	22.70	22.65	23.3	1
15	16QAM	1	37	22.41	22.69	22.45		
15	16QAM	1	74	22.47	22.59	22.38		
15	16QAM	36	0	21.36	21.54	21.34	22.3	2
15	16QAM	36	20	21.32	21.47	21.30		
15	16QAM	36	39	21.32	21.46	21.20		
15	16QAM	75	0	21.31	21.37	21.20		
15	64QAM	1	0	21.44	21.69	21.59	22.3	2
15	64QAM	1	37	21.39	21.74	21.34		
15	64QAM	1	74	21.49	21.62	21.29		
15	64QAM	36	0	20.29	20.45	20.27	21.3	3
15	64QAM	36	20	20.19	20.41	20.22		
15	64QAM	36	39	20.27	20.49	20.18		
15	64QAM	75	0	20.29	20.47	20.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.43	23.52	23.47	24.3	0
10	QPSK	1	25	23.17	23.41	23.22		
10	QPSK	1	49	23.25	23.32	23.15		
10	QPSK	25	0	22.34	22.47	22.36	23.3	1
10	QPSK	25	12	22.28	22.51	22.27		
10	QPSK	25	25	22.22	22.39	22.14		
10	QPSK	50	0	22.30	22.42	22.19		
10	16QAM	1	0	22.48	22.73	22.72	23.3	1
10	16QAM	1	25	22.42	22.65	22.51		
10	16QAM	1	49	22.49	22.64	22.27		
10	16QAM	25	0	21.31	21.44	21.35	22.3	2
10	16QAM	25	12	21.28	21.46	21.23		
10	16QAM	25	25	21.31	21.46	21.21		
10	16QAM	50	0	21.26	21.46	21.22		
10	64QAM	1	0	21.47	21.61	21.65	22.3	2
10	64QAM	1	25	21.42	21.65	21.41		
10	64QAM	1	49	21.41	21.64	21.36		
10	64QAM	25	0	20.31	20.44	20.35	21.3	3
10	64QAM	25	12	20.26	20.41	20.26		
10	64QAM	25	25	20.23	20.44	20.19		
10	64QAM	50	0	20.26	20.41	20.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.56	23.42	24.3	0
5	QPSK	1	12	23.17	23.43	23.25		
5	QPSK	1	24	23.27	23.42	23.16		
5	QPSK	12	0	22.26	22.46	22.37	23.3	1
5	QPSK	12	7	22.31	22.48	22.24		
5	QPSK	12	13	22.20	22.38	22.21		
5	QPSK	25	0	22.30	22.41	22.22		
5	16QAM	1	0	22.46	22.72	22.62	23.3	1
5	16QAM	1	12	22.48	22.63	22.51		
5	16QAM	1	24	22.46	22.69	22.36		
5	16QAM	12	0	21.34	21.52	21.31	22.3	2
5	16QAM	12	7	21.34	21.51	21.22		
5	16QAM	12	13	21.34	21.38	21.11		
5	16QAM	25	0	21.28	21.37	21.18		
5	64QAM	1	0	21.39	21.62	21.65	22.3	2
5	64QAM	1	12	21.40	21.67	21.41		
5	64QAM	1	24	21.39	21.59	21.31		
5	64QAM	12	0	20.25	20.53	20.35	21.3	3
5	64QAM	12	7	20.25	20.46	20.32		
5	64QAM	12	13	20.22	20.47	20.19		
5	64QAM	25	0	20.20	20.40	20.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.36	23.57	23.43	24.3	0
3	QPSK	1	8	23.22	23.44	23.29		
3	QPSK	1	14	23.21	23.39	23.07		
3	QPSK	8	0	22.32	22.55	22.35	23.3	1
3	QPSK	8	4	22.24	22.42	22.29		
3	QPSK	8	7	22.26	22.38	22.18		
3	QPSK	15	0	22.25	22.41	22.17		
3	16QAM	1	0	22.37	22.75	22.72	23.3	1
3	16QAM	1	8	22.43	22.69	22.44		
3	16QAM	1	14	22.44	22.65	22.31		
3	16QAM	8	0	21.31	21.45	21.26	22.3	2
3	16QAM	8	4	21.32	21.50	21.30		
3	16QAM	8	7	21.33	21.47	21.12		
3	16QAM	15	0	21.27	21.41	21.17		
3	64QAM	1	0	21.41	21.60	21.68	22.3	2
3	64QAM	1	8	21.41	21.73	21.36		
3	64QAM	1	14	21.50	21.60	21.33		
3	64QAM	8	0	20.32	20.46	20.31	21.3	3
3	64QAM	8	4	20.22	20.42	20.24		
3	64QAM	8	7	20.27	20.45	20.22		
3	64QAM	15	0	20.27	20.39	20.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.24	23.52	23.26	24.3	0
1.4	QPSK	1	3	23.26	23.51	23.22		
1.4	QPSK	1	5	23.28	23.51	23.23		
1.4	QPSK	3	0	23.28	23.48	23.25		
1.4	QPSK	3	1	23.29	23.49	23.25		
1.4	QPSK	3	3	23.30	23.49	23.25		
1.4	QPSK	6	0	22.28	22.49	22.27	23.3	1
1.4	16QAM	1	0	22.51	22.76	22.52	23.3	1
1.4	16QAM	1	3	22.50	22.75	22.48		
1.4	16QAM	1	5	22.48	22.75	22.47		
1.4	16QAM	3	0	22.26	22.51	22.26		
1.4	16QAM	3	1	22.28	22.53	22.27		
1.4	16QAM	3	3	22.25	22.48	22.26		
1.4	16QAM	6	0	21.31	21.57	21.33	22.3	2
1.4	64QAM	1	0	21.44	21.72	21.47	22.3	2
1.4	64QAM	1	3	21.44	21.71	21.43		
1.4	64QAM	1	5	21.42	21.72	21.42		
1.4	64QAM	3	0	21.34	21.59	21.39		
1.4	64QAM	3	1	21.33	21.57	21.39		
1.4	64QAM	3	3	21.33	21.58	21.37		
1.4	64QAM	6	0	20.24	20.47	20.23	21.3	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.47	20.53	20.42	21.3	0
20	QPSK	1	49	20.39	20.20	20.22		
20	QPSK	1	99	20.38	20.14	20.22		
20	QPSK	50	0	20.48	20.49	20.32	21.3	0
20	QPSK	50	24	20.42	20.30	20.21		
20	QPSK	50	50	20.42	20.26	20.22		
20	QPSK	100	0	20.39	20.44	20.27		
20	16QAM	1	0	20.33	20.36	20.29	21.3	0
20	16QAM	1	49	20.46	20.35	20.22		
20	16QAM	1	99	20.39	20.36	20.30		
20	16QAM	50	0	20.43	20.30	20.31	21.3	0
20	16QAM	50	24	20.45	20.50	20.30		
20	16QAM	50	50	20.39	20.27	20.21		
20	16QAM	100	0	20.45	20.27	20.20		
20	64QAM	1	0	20.37	20.38	20.29	21.3	0
20	64QAM	1	49	20.33	20.28	20.20		
20	64QAM	1	99	20.42	20.23	20.19		
20	64QAM	50	0	20.36	20.46	20.19	21.3	0
20	64QAM	50	24	20.36	20.28	20.26		
20	64QAM	50	50	20.49	20.35	20.24		
20	64QAM	100	0	20.48	20.34	20.31		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.41	20.52	20.41	21.3	0
15	QPSK	1	37	20.27	20.23	20.33		
15	QPSK	1	74	20.35	20.22	20.25		
15	QPSK	36	0	20.39	20.47	20.40	21.3	0
15	QPSK	36	20	20.37	20.29	20.30		
15	QPSK	36	39	20.42	20.29	20.21		
15	QPSK	75	0	20.33	20.49	20.26		
15	16QAM	1	0	20.34	20.35	20.26	21.3	0
15	16QAM	1	37	20.42	20.32	20.33		
15	16QAM	1	74	20.37	20.38	20.27		
15	16QAM	36	0	20.33	20.35	20.30	21.3	0
15	16QAM	36	20	20.40	20.49	20.23		
15	16QAM	36	39	20.36	20.30	20.30		
15	16QAM	75	0	20.45	20.38	20.27		
15	64QAM	1	0	20.48	20.29	20.27	21.3	0
15	64QAM	1	37	20.39	20.23	20.20		
15	64QAM	1	74	20.40	20.24	20.22		
15	64QAM	36	0	20.36	20.42	20.25	21.3	0
15	64QAM	36	20	20.38	20.25	20.22		
15	64QAM	36	39	20.42	20.29	20.28		
15	64QAM	75	0	20.37	20.36	20.24		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.47	20.41	20.36	21.3	0
10	QPSK	1	25	20.32	20.21	20.22		
10	QPSK	1	49	20.34	20.18	20.27		
10	QPSK	25	0	20.43	20.44	20.40	21.3	0
10	QPSK	25	12	20.35	20.32	20.17		
10	QPSK	25	25	20.33	20.31	20.20		
10	QPSK	50	0	20.37	20.39	20.17		
10	16QAM	1	0	20.41	20.29	20.26	21.3	0
10	16QAM	1	25	20.39	20.37	20.30		
10	16QAM	1	49	20.46	20.32	20.29		
10	16QAM	25	0	20.35	20.24	20.26	21.3	0
10	16QAM	25	12	20.37	20.46	20.27		
10	16QAM	25	25	20.44	20.37	20.29		
10	16QAM	50	0	20.42	20.31	20.23		
10	64QAM	1	0	20.47	20.34	20.31	21.3	0
10	64QAM	1	25	20.35	20.32	20.23		
10	64QAM	1	49	20.38	20.32	20.19		
10	64QAM	25	0	20.45	20.44	20.28	21.3	0
10	64QAM	25	12	20.33	20.36	20.26		
10	64QAM	25	25	20.45	20.30	20.27		
10	64QAM	50	0	20.38	20.32	20.30		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.45	20.44	20.44	21.3	0
5	QPSK	1	12	20.37	20.16	20.28		
5	QPSK	1	24	20.35	20.16	20.24		
5	QPSK	12	0	20.46	20.45	20.39	21.3	0
5	QPSK	12	7	20.47	20.32	20.18		
5	QPSK	12	13	20.45	20.24	20.23		
5	QPSK	25	0	20.45	20.46	20.18		
5	16QAM	1	0	20.38	20.37	20.26	21.3	0
5	16QAM	1	12	20.47	20.38	20.30		
5	16QAM	1	24	20.39	20.35	20.31		
5	16QAM	12	0	20.33	20.24	20.21	21.3	0
5	16QAM	12	7	20.35	20.38	20.18		
5	16QAM	12	13	20.33	20.36	20.20		
5	16QAM	25	0	20.45	20.29	20.21		
5	64QAM	1	0	20.35	20.31	20.31	21.3	0
5	64QAM	1	12	20.46	20.33	20.30		
5	64QAM	1	24	20.43	20.35	20.19		
5	64QAM	12	0	20.45	20.42	20.17	21.3	0
5	64QAM	12	7	20.45	20.27	20.20		
5	64QAM	12	13	20.50	20.27	20.26		
5	64QAM	25	0	20.44	20.27	20.32		

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BW [MHz]	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	16.21	16.41	16.20	17.3	0
20	QPSK	1	49	16.14	16.13	16.15		
20	QPSK	1	99	16.16	16.21	16.08		
20	QPSK	50	0	16.20	16.26	16.19	17.3	0
20	QPSK	50	24	16.07	16.18	16.07		
20	QPSK	50	50	16.10	16.09	16.17		
20	QPSK	100	0	16.16	16.17	16.03		
20	16QAM	1	0	16.13	16.24	16.14	17.3	0
20	16QAM	1	49	16.11	16.20	15.94		
20	16QAM	1	99	16.20	16.14	16.13		
20	16QAM	50	0	16.13	15.95	16.01	17.3	0
20	16QAM	50	24	16.20	16.07	15.94		
20	16QAM	50	50	16.21	16.26	16.01		
20	16QAM	100	0	16.03	16.13	16.21		
20	64QAM	1	0	16.07	16.14	15.99	17.3	0
20	64QAM	1	49	16.18	16.08	16.07		
20	64QAM	1	99	16.10	16.08	15.97		
20	64QAM	50	0	16.09	16.02	16.07	17.3	0
20	64QAM	50	24	16.01	16.12	15.96		
20	64QAM	50	50	16.22	16.27	16.13		
20	64QAM	100	0	16.06	16.18	16.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.24	16.30	16.17	17.3	0
15	QPSK	1	37	16.22	16.07	16.18		
15	QPSK	1	74	16.18	16.18	16.07		
15	QPSK	36	0	16.17	16.36	16.31	17.3	0
15	QPSK	36	20	16.02	16.19	16.16		
15	QPSK	36	39	16.00	16.02	16.25		
15	QPSK	75	0	16.23	16.19	16.06		
15	16QAM	1	0	16.10	16.13	16.11	17.3	0
15	16QAM	1	37	16.15	16.16	15.97		
15	16QAM	1	74	16.18	16.14	16.20		
15	16QAM	36	0	16.11	16.01	16.02	17.3	0
15	16QAM	36	20	16.18	16.10	15.90		
15	16QAM	36	39	16.18	16.16	16.00		
15	16QAM	75	0	16.09	16.12	16.17		
15	64QAM	1	0	15.98	16.26	15.98	17.3	0
15	64QAM	1	37	16.19	16.14	16.11		
15	64QAM	1	74	16.21	15.99	15.94		
15	64QAM	36	0	16.07	15.94	16.07	17.3	0
15	64QAM	36	20	16.10	16.16	16.06		
15	64QAM	36	39	16.12	16.24	16.03		
15	64QAM	75	0	16.10	16.17	16.08		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.28	16.38	16.16	17.3	0
10	QPSK	1	25	16.20	16.10	16.20		
10	QPSK	1	49	16.08	16.15	16.06		
10	QPSK	25	0	16.13	16.24	16.24	17.3	0
10	QPSK	25	12	15.97	16.17	16.12		
10	QPSK	25	25	16.03	16.08	16.23		
10	QPSK	50	0	16.17	16.15	16.04		
10	16QAM	1	0	16.12	16.23	16.19	17.3	0
10	16QAM	1	25	16.20	16.18	16.00		
10	16QAM	1	49	16.17	16.06	16.15		
10	16QAM	25	0	16.21	15.93	15.98	17.3	0
10	16QAM	25	12	16.13	16.10	15.91		
10	16QAM	25	25	16.25	16.25	16.02		
10	16QAM	50	0	16.04	16.10	16.17		
10	64QAM	1	0	16.06	16.24	16.05	17.3	0
10	64QAM	1	25	16.11	16.18	16.15		
10	64QAM	1	49	16.13	16.07	15.91		
10	64QAM	25	0	16.05	15.94	16.19	17.3	0
10	64QAM	25	12	16.05	16.09	15.98		
10	64QAM	25	25	16.16	16.27	16.11		
10	64QAM	50	0	16.12	16.20	16.05		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.20	16.26	16.24	17.3	0
5	QPSK	1	12	16.22	16.11	16.11		
5	QPSK	1	24	16.19	16.15	16.08		
5	QPSK	12	0	16.17	16.27	16.22	17.3	0
5	QPSK	12	7	16.01	16.20	16.17		
5	QPSK	12	13	16.01	16.10	16.18		
5	QPSK	25	0	16.20	16.16	16.09		
5	16QAM	1	0	16.13	16.17	16.13	17.3	0
5	16QAM	1	12	16.21	16.16	15.99		
5	16QAM	1	24	16.24	16.14	16.18		
5	16QAM	12	0	16.12	16.05	16.03	17.3	0
5	16QAM	12	7	16.20	16.15	15.95		
5	16QAM	12	13	16.14	16.22	16.06		
5	16QAM	25	0	16.01	16.16	16.24		
5	64QAM	1	0	16.04	16.17	16.09	17.3	0
5	64QAM	1	12	16.12	16.06	16.05		
5	64QAM	1	24	16.11	15.99	15.93		
5	64QAM	12	0	16.13	15.91	16.08	17.3	0
5	64QAM	12	7	16.08	16.09	16.01		
5	64QAM	12	13	16.22	16.15	16.15		
5	64QAM	25	0	16.07	16.19	16.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.08	20.33	19.98	21.1	0
20	QPSK	1	49	19.82	19.80	19.75		
20	QPSK	1	99	19.92	19.80	19.89		
20	QPSK	50	0	20.06	20.17	19.93	21.1	0
20	QPSK	50	24	19.78	19.91	19.82		
20	QPSK	50	50	19.90	19.93	19.86		
20	QPSK	100	0	20.02	20.07	20.00		
20	16QAM	1	0	19.94	19.99	20.05	21.1	0
20	16QAM	1	49	20.00	19.84	19.86		
20	16QAM	1	99	20.02	20.07	19.84		
20	16QAM	50	0	20.02	19.94	19.83	21.1	0
20	16QAM	50	24	20.02	20.24	19.84		
20	16QAM	50	50	19.89	19.91	19.69		
20	16QAM	100	0	19.93	19.80	19.74		
20	64QAM	1	0	19.93	19.98	19.88	21.1	0
20	64QAM	1	49	19.88	19.92	19.90		
20	64QAM	1	99	19.94	19.86	19.65		
20	64QAM	50	0	20.05	20.04	19.69	20.6	0.5
20	64QAM	50	24	19.86	19.91	19.82		
20	64QAM	50	50	19.91	19.88	19.85		
20	64QAM	100	0	19.91	19.91	19.86		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.11	20.31	20.08	21.1	0
15	QPSK	1	37	19.79	19.80	19.76		
15	QPSK	1	74	19.86	19.83	19.81		
15	QPSK	36	0	20.07	20.18	19.98	21.1	0
15	QPSK	36	20	19.83	19.92	19.85		
15	QPSK	36	39	19.87	19.85	19.93		
15	QPSK	75	0	19.94	20.09	19.93		
15	16QAM	1	0	20.02	19.88	19.99	21.1	0
15	16QAM	1	37	19.96	19.91	19.81		
15	16QAM	1	74	20.06	20.07	19.80		
15	16QAM	36	0	20.01	19.94	19.81	21.1	0
15	16QAM	36	20	20.12	20.21	19.89		
15	16QAM	36	39	19.95	19.89	19.73		
15	16QAM	75	0	19.88	19.69	19.80		
15	64QAM	1	0	19.95	20.00	19.89	21.1	0
15	64QAM	1	37	19.90	19.87	19.81		
15	64QAM	1	74	19.90	19.89	19.71		
15	64QAM	36	0	20.07	20.13	19.76	20.6	0.5
15	64QAM	36	20	19.93	19.87	19.77		
15	64QAM	36	39	19.89	19.87	19.87		
15	64QAM	75	0	20.02	19.96	19.87		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.06	20.32	20.02	21.1	0
10	QPSK	1	25	19.75	19.73	19.72		
10	QPSK	1	49	19.93	19.78	19.90		
10	QPSK	25	0	20.02	20.07	19.93	21.1	0
10	QPSK	25	12	19.77	19.86	19.73		
10	QPSK	25	25	19.83	19.81	19.87		
10	QPSK	50	0	20.01	20.04	19.92		
10	16QAM	1	0	20.04	19.92	20.01	21.1	0
10	16QAM	1	25	20.09	19.95	19.87		
10	16QAM	1	49	19.96	19.97	19.84		
10	16QAM	25	0	19.89	19.87	19.91	21.1	0
10	16QAM	25	12	20.03	20.25	19.88		
10	16QAM	25	25	19.97	19.93	19.77		
10	16QAM	50	0	19.86	19.75	19.80		
10	64QAM	1	0	19.90	19.92	19.83	21.1	0
10	64QAM	1	25	19.90	19.90	19.81		
10	64QAM	1	49	19.91	19.82	19.73		
10	64QAM	25	0	20.00	20.06	19.69	20.6	0.5
10	64QAM	25	12	19.94	19.91	19.87		
10	64QAM	25	25	19.90	19.91	19.80		
10	64QAM	50	0	19.95	19.99	19.95		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.05	20.28	20.03	21.1	0
5	QPSK	1	12	19.79	19.83	19.79		
5	QPSK	1	24	19.93	19.78	19.88		
5	QPSK	12	0	20.04	20.08	19.96	21.1	0
5	QPSK	12	7	19.83	19.89	19.84		
5	QPSK	12	13	19.88	19.83	19.88		
5	QPSK	25	0	20.03	20.04	19.98		
5	16QAM	1	0	19.99	20.01	20.02	21.1	0
5	16QAM	1	12	20.00	19.85	19.83		
5	16QAM	1	24	19.97	20.02	19.81		
5	16QAM	12	0	19.95	19.96	19.91	21.1	0
5	16QAM	12	7	20.12	20.25	19.91		
5	16QAM	12	13	19.84	19.99	19.75		
5	16QAM	25	0	19.92	19.81	19.78		
5	64QAM	1	0	19.86	19.95	19.94	21.1	0
5	64QAM	1	12	19.99	19.90	19.90		
5	64QAM	1	24	19.97	19.89	19.71		
5	64QAM	12	0	20.07	20.12	19.72	20.6	0.5
5	64QAM	12	7	19.92	19.97	19.82		
5	64QAM	12	13	19.93	19.92	19.82		
5	64QAM	25	0	19.96	19.95	19.89		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.45	20.40	20.49	20.33	20.40	21.3	0
20	QPSK	1	49	20.35	20.15	20.09	20.13	20.09		
20	QPSK	1	99	20.32	20.12	20.13	20.16	20.10		
20	QPSK	50	0	20.42	20.35	20.45	20.28	20.25	21.3	0
20	QPSK	50	24	20.38	20.20	20.19	20.09	20.07		
20	QPSK	50	50	20.41	20.22	20.23	20.13	20.15		
20	QPSK	100	0	20.30	20.31	20.35	20.21	20.23		
20	16QAM	1	0	20.19	20.25	20.28	20.27	20.16	21.3	0
20	16QAM	1	49	20.41	20.29	20.23	20.08	20.20		
20	16QAM	1	99	20.31	20.31	20.27	20.18	20.26		
20	16QAM	50	0	20.37	20.21	20.20	20.21	20.23	21.3	0
20	16QAM	50	24	20.33	20.43	20.47	20.16	20.29		
20	16QAM	50	50	20.35	20.19	20.26	20.07	20.12		
20	16QAM	100	0	20.32	20.16	20.14	20.09	20.14		
20	64QAM	1	0	20.29	20.26	20.33	20.28	20.20	21.3	0
20	64QAM	1	49	20.19	20.23	20.23	20.10	20.12		
20	64QAM	1	99	20.38	20.20	20.17	20.06	20.12		
20	64QAM	50	0	20.32	20.37	20.41	20.08	20.09	21.3	0
20	64QAM	50	24	20.27	20.18	20.18	20.16	20.25		
20	64QAM	50	50	20.35	20.27	20.25	20.12	20.14		
20	64QAM	100	0	20.36	20.30	20.28	20.26	20.30		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.40	20.41	20.37	20.48	20.40	21.3	0
15	QPSK	1	37	20.38	20.07	20.18	20.09	20.19		
15	QPSK	1	74	20.29	20.01	20.14	20.11	20.13		
15	QPSK	36	0	20.47	20.35	20.30	20.45	20.30	21.3	0
15	QPSK	36	20	20.37	20.24	20.11	20.18	20.16		
15	QPSK	36	39	20.36	20.23	20.13	20.23	20.12		
15	QPSK	75	0	20.32	20.35	20.13	20.34	20.17		
15	16QAM	1	0	20.32	20.30	20.23	20.25	20.27	21.3	0
15	16QAM	1	37	20.33	20.25	20.09	20.31	20.19		
15	16QAM	1	74	20.25	20.28	20.23	20.34	20.23		
15	16QAM	36	0	20.29	20.24	20.21	20.29	20.17	21.3	0
15	16QAM	36	20	20.36	20.43	20.26	20.44	20.19		
15	16QAM	36	39	20.26	20.17	20.19	20.17	20.20		
15	16QAM	75	0	20.38	20.26	20.14	20.14	20.12		
15	64QAM	1	0	20.28	20.30	20.28	20.28	20.23	21.3	0
15	64QAM	1	37	20.26	20.21	20.07	20.17	20.13		
15	64QAM	1	74	20.28	20.12	20.15	20.15	20.07		
15	64QAM	36	0	20.31	20.42	20.10	20.35	20.18	21.3	0
15	64QAM	36	20	20.33	20.17	20.25	20.19	20.15		
15	64QAM	36	39	20.39	20.31	20.17	20.23	20.12		
15	64QAM	75	0	20.38	20.29	20.25	20.31	20.19		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.36	20.39	20.35	20.45	20.32	21.3	0
10	QPSK	1	25	20.35	20.08	20.10	20.09	20.13		
10	QPSK	1	49	20.34	20.10	20.18	20.06	20.10		
10	QPSK	25	0	20.38	20.44	20.30	20.37	20.31	21.3	0
10	QPSK	25	12	20.29	20.29	20.15	20.16	20.08		
10	QPSK	25	25	20.31	20.17	20.12	20.16	20.17		
10	QPSK	50	0	20.37	20.31	20.24	20.37	20.14		
10	16QAM	1	0	20.32	20.24	20.21	20.30	20.27	21.3	0
10	16QAM	1	25	20.33	20.23	20.17	20.23	20.19		
10	16QAM	1	49	20.25	20.29	20.26	20.29	20.25		
10	16QAM	25	0	20.31	20.21	20.23	20.19	20.29	21.3	0
10	16QAM	25	12	20.44	20.39	20.23	20.41	20.22		
10	16QAM	25	25	20.34	20.19	20.16	20.26	20.17		
10	16QAM	50	0	20.44	20.18	20.07	20.25	20.10		
10	64QAM	1	0	20.31	20.27	20.25	20.34	20.19	21.3	0
10	64QAM	1	25	20.27	20.27	20.17	20.22	20.12		
10	64QAM	1	49	20.41	20.12	20.14	20.14	20.13		
10	64QAM	25	0	20.35	20.35	20.12	20.37	20.14	21.3	0
10	64QAM	25	12	20.24	20.20	20.17	20.25	20.25		
10	64QAM	25	25	20.44	20.31	20.18	20.34	20.12		
10	64QAM	50	0	20.43	20.27	20.24	20.22	20.18		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.35	20.48	20.40	20.46	20.30	21.3	0
5	QPSK	1	12	20.34	20.12	20.10	20.07	20.11		
5	QPSK	1	24	20.25	20.06	20.17	20.08	20.10		
5	QPSK	12	0	20.39	20.46	20.19	20.41	20.29	21.3	0
5	QPSK	12	7	20.40	20.18	20.17	20.20	20.14		
5	QPSK	12	13	20.31	20.25	20.18	20.25	20.17		
5	QPSK	25	0	20.36	20.42	20.16	20.32	20.14		
5	16QAM	1	0	20.32	20.34	20.21	20.32	20.16	21.3	0
5	16QAM	1	12	20.41	20.27	20.12	20.29	20.09		
5	16QAM	1	24	20.29	20.24	20.27	20.31	20.29		
5	16QAM	12	0	20.36	20.16	20.19	20.23	20.28	21.3	0
5	16QAM	12	7	20.41	20.42	20.21	20.49	20.23		
5	16QAM	12	13	20.28	20.25	20.08	20.13	20.10		
5	16QAM	25	0	20.32	20.14	20.17	20.19	20.09		
5	64QAM	1	0	20.25	20.30	20.17	20.36	20.24	21.3	0
5	64QAM	1	12	20.20	20.24	20.11	20.14	20.09		
5	64QAM	1	24	20.29	20.14	20.17	20.22	20.17		
5	64QAM	12	0	20.30	20.43	20.14	20.42	20.07	21.3	0
5	64QAM	12	7	20.26	20.15	20.21	20.26	20.24		
5	64QAM	12	13	20.46	20.32	20.23	20.24	20.17		
5	64QAM	25	0	20.36	20.28	20.29	20.30	20.18		

Band 41_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.38	16.33	16.44	16.22	16.39	17.3	0
20	QPSK	1	49	16.28	16.16	16.22	16.15	16.19		
20	QPSK	1	99	16.37	16.15	16.06	16.19	16.18		
20	QPSK	50	0	16.29	16.35	16.39	16.21	16.38	17.3	0
20	QPSK	50	24	16.22	16.29	16.33	16.20	16.31		
20	QPSK	50	50	16.22	16.18	16.35	16.16	16.28		
20	QPSK	100	0	16.18	16.31	16.33	16.12	16.15		
20	16QAM	1	0	16.24	16.22	16.29	16.20	16.26	17.3	0
20	16QAM	1	49	16.27	16.21	16.07	16.19	16.05		
20	16QAM	1	99	16.23	16.15	16.22	15.94	16.29		
20	16QAM	50	0	16.18	16.18	16.15	16.16	16.07	17.3	0
20	16QAM	50	24	16.25	16.11	16.00	16.23	16.16		
20	16QAM	50	50	16.21	16.24	16.20	16.07	16.16		
20	16QAM	100	0	16.26	16.20	16.29	16.23	16.27		
20	64QAM	1	0	16.21	16.24	16.14	16.11	16.12	17.3	0
20	64QAM	1	49	16.33	16.16	16.18	16.23	16.20		
20	64QAM	1	99	16.26	16.28	15.98	16.06	15.99		
20	64QAM	50	0	16.30	16.17	16.32	16.03	16.21	17.3	0
20	64QAM	50	24	16.26	16.25	16.14	16.12	16.16		
20	64QAM	50	50	16.27	16.18	16.32	16.28	16.18		
20	64QAM	100	0	16.20	16.20	16.24	16.19	16.11		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.32	16.44	16.43	16.25	16.35	17.3	0
15	QPSK	1	37	16.34	16.13	16.31	16.11	16.22		
15	QPSK	1	74	16.34	16.16	16.17	16.11	16.21		
15	QPSK	36	0	16.19	16.26	16.42	16.14	16.37	17.3	0
15	QPSK	36	20	16.29	16.29	16.34	16.22	16.32		
15	QPSK	36	39	16.22	16.21	16.25	16.15	16.37		
15	QPSK	75	0	16.30	16.21	16.29	16.20	16.11		
15	16QAM	1	0	16.29	16.19	16.26	16.17	16.20	17.3	0
15	16QAM	1	37	16.17	16.25	16.08	16.17	16.12		
15	16QAM	1	74	16.19	16.10	16.18	16.03	16.25		
15	16QAM	36	0	16.19	16.15	16.10	16.09	16.17	17.3	0
15	16QAM	36	20	16.31	16.16	16.05	16.35	16.20		
15	16QAM	36	39	16.20	16.29	16.21	16.17	16.21		
15	16QAM	75	0	16.23	16.16	16.24	16.22	16.24		
15	64QAM	1	0	16.15	16.14	16.17	16.14	16.22	17.3	0
15	64QAM	1	37	16.25	16.15	16.16	16.27	16.16		
15	64QAM	1	74	16.34	16.27	16.04	16.02	16.01		
15	64QAM	36	0	16.24	16.23	16.34	15.97	16.33	17.3	0
15	64QAM	36	20	16.30	16.26	16.19	16.03	16.05		
15	64QAM	36	39	16.23	16.27	16.32	16.28	16.31		
15	64QAM	75	0	16.17	16.18	16.23	16.11	16.20		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.34	16.43	16.49	16.32	16.37	17.3	0
10	QPSK	1	25	16.21	16.07	16.25	16.08	16.27		
10	QPSK	1	49	16.38	16.18	16.16	16.20	16.17		
10	QPSK	25	0	16.30	16.31	16.40	16.20	16.37	17.3	0
10	QPSK	25	12	16.21	16.27	16.37	16.16	16.26		
10	QPSK	25	25	16.22	16.26	16.28	16.25	16.33		
10	QPSK	50	0	16.26	16.28	16.31	16.15	16.10		
10	16QAM	1	0	16.30	16.22	16.28	16.12	16.30	17.3	0
10	16QAM	1	25	16.17	16.24	16.15	16.19	16.13		
10	16QAM	1	49	16.24	16.08	16.16	16.02	16.21		
10	16QAM	25	0	16.20	16.18	16.05	16.09	16.07	17.3	0
10	16QAM	25	12	16.22	16.09	16.01	16.29	16.21		
10	16QAM	25	25	16.16	16.17	16.23	16.13	16.19		
10	16QAM	50	0	16.30	16.24	16.35	16.15	16.29		
10	64QAM	1	0	16.13	16.15	16.22	16.12	16.23	17.3	0
10	64QAM	1	25	16.28	16.16	16.15	16.23	16.12		
10	64QAM	1	49	16.27	16.27	15.97	16.04	16.04		
10	64QAM	25	0	16.26	16.24	16.27	15.94	16.29	17.3	0
10	64QAM	25	12	16.30	16.19	16.21	16.06	16.07		
10	64QAM	25	25	16.22	16.24	16.23	16.19	16.25		
10	64QAM	50	0	16.28	16.12	16.17	16.11	16.21		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	16.41	16.44	16.40	16.28	16.35	17.3	0
5	QPSK	1	12	16.26	16.15	16.24	16.05	16.23		
5	QPSK	1	24	16.29	16.18	16.06	16.19	16.14		
5	QPSK	12	0	16.25	16.33	16.39	16.27	16.33	17.3	0
5	QPSK	12	7	16.16	16.26	16.28	16.20	16.32		
5	QPSK	12	13	16.24	16.20	16.35	16.12	16.27		
5	QPSK	25	0	16.27	16.22	16.24	16.10	16.15		
5	16QAM	1	0	16.28	16.24	16.20	16.13	16.20	17.3	0
5	16QAM	1	12	16.23	16.33	16.04	16.17	16.08		
5	16QAM	1	24	16.19	16.10	16.20	16.04	16.17		
5	16QAM	12	0	16.28	16.12	16.12	16.03	16.08	17.3	0
5	16QAM	12	7	16.22	16.14	16.10	16.35	16.14		
5	16QAM	12	13	16.23	16.23	16.18	16.08	16.21		
5	16QAM	25	0	16.24	16.29	16.36	16.13	16.25		
5	64QAM	1	0	16.17	16.11	16.14	16.09	16.15	17.3	0
5	64QAM	1	12	16.22	16.08	16.17	16.26	16.16		
5	64QAM	1	24	16.25	16.22	16.02	16.01	16.11		
5	64QAM	12	0	16.22	16.23	16.24	16.02	16.27	17.3	0
5	64QAM	12	7	16.24	16.29	16.20	16.12	16.05		
5	64QAM	12	13	16.23	16.21	16.29	16.20	16.28		
5	64QAM	25	0	16.19	16.11	16.19	16.15	16.13		

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.38	20.29	20.49	20.24	20.31	21.6	0
20	QPSK	1	49	20.21	20.01	20.00	19.98	19.96		
20	QPSK	1	99	20.18	20.09	20.03	20.06	20.00		
20	QPSK	50	0	20.35	20.28	20.36	20.17	20.15	21.6	0
20	QPSK	50	24	20.30	20.06	20.11	20.02	19.98		
20	QPSK	50	50	20.34	20.12	20.09	20.09	20.07		
20	QPSK	100	0	20.22	20.23	20.29	20.17	20.20		
20	16QAM	1	0	20.07	20.22	20.17	20.22	20.11	21.6	0
20	16QAM	1	49	20.37	20.25	20.12	20.03	20.14		
20	16QAM	1	99	20.18	20.23	20.24	20.08	20.18		
20	16QAM	50	0	20.33	20.18	20.16	20.08	20.07	21.6	0
20	16QAM	50	24	20.21	20.29	20.44	20.10	20.24		
20	16QAM	50	50	20.29	20.13	20.16	19.93	20.08		
20	16QAM	100	0	20.25	20.10	19.98	19.98	19.99		
20	64QAM	1	0	20.15	20.11	20.17	20.12	20.10	21.6	0
20	64QAM	1	49	20.14	20.16	20.13	20.06	19.98		
20	64QAM	1	99	20.24	20.13	20.10	19.92	20.06		
20	64QAM	50	0	20.26	20.23	20.30	19.93	20.05	21.1	0.5
20	64QAM	50	24	20.19	20.14	20.15	20.06	20.11		
20	64QAM	50	50	20.20	20.11	20.16	20.08	20.11		
20	64QAM	100	0	20.23	20.20	20.15	20.15	20.17		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.35	20.34	20.40	20.18	20.27	21.6	0
15	QPSK	1	37	20.23	20.01	20.05	20.08	19.96		
15	QPSK	1	74	20.24	20.07	19.99	20.00	19.97		
15	QPSK	36	0	20.31	20.28	20.30	20.23	20.16	21.6	0
15	QPSK	36	20	20.27	20.12	20.15	19.93	20.02		
15	QPSK	36	39	20.32	20.11	20.20	20.10	20.09		
15	QPSK	75	0	20.26	20.28	20.26	20.16	20.07		
15	16QAM	1	0	20.07	20.19	20.16	20.15	20.02	21.6	0
15	16QAM	1	37	20.27	20.14	20.07	19.95	20.16		
15	16QAM	1	74	20.15	20.24	20.19	20.05	20.10		
15	16QAM	36	0	20.30	20.10	20.08	20.07	20.18	21.6	0
15	16QAM	36	20	20.23	20.31	20.38	20.12	20.23		
15	16QAM	36	39	20.22	20.15	20.11	20.04	20.04		
15	16QAM	75	0	20.19	20.13	20.02	19.95	20.01		
15	64QAM	1	0	20.23	20.22	20.27	20.12	20.10	21.6	0
15	64QAM	1	37	20.16	20.17	20.19	19.97	20.04		
15	64QAM	1	74	20.34	20.10	20.12	20.00	19.99		
15	64QAM	36	0	20.17	20.32	20.30	19.98	20.01	21.1	0.5
15	64QAM	36	20	20.22	20.09	20.15	20.02	20.17		
15	64QAM	36	39	20.21	20.21	20.09	20.05	20.05		
15	64QAM	75	0	20.27	20.15	20.15	20.22	20.19		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.42	20.37	20.45	20.17	20.31	21.6	0
10	QPSK	1	25	20.22	20.00	19.93	20.09	20.03		
10	QPSK	1	49	20.16	19.97	20.08	20.11	19.96		
10	QPSK	25	0	20.31	20.19	20.32	20.16	20.11	21.6	0
10	QPSK	25	12	20.26	20.15	20.07	19.97	19.92		
10	QPSK	25	25	20.35	20.06	20.12	20.00	20.04		
10	QPSK	50	0	20.25	20.20	20.26	20.15	20.13		
10	16QAM	1	0	20.12	20.13	20.19	20.23	20.03	21.6	0
10	16QAM	1	25	20.27	20.17	20.14	19.96	20.10		
10	16QAM	1	49	20.17	20.23	20.11	20.08	20.20		
10	16QAM	25	0	20.27	20.12	20.10	20.08	20.08	21.6	0
10	16QAM	25	12	20.19	20.34	20.36	20.04	20.19		
10	16QAM	25	25	20.30	20.13	20.20	19.94	20.05		
10	16QAM	50	0	20.21	20.02	20.08	20.03	20.00		
10	64QAM	1	0	20.21	20.23	20.26	20.22	20.07	21.6	0
10	64QAM	1	25	20.12	20.11	20.18	20.07	20.07		
10	64QAM	1	49	20.28	20.15	20.10	20.01	20.09		
10	64QAM	25	0	20.22	20.24	20.31	19.92	19.99	21.1	0.5
10	64QAM	25	12	20.16	20.15	20.05	20.06	20.16		
10	64QAM	25	25	20.29	20.14	20.15	20.02	20.09		
10	64QAM	50	0	20.30	20.25	20.25	20.18	20.19		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.35	20.24	20.45	20.21	20.37	21.6	0
5	QPSK	1	12	20.26	20.11	20.06	20.00	19.96		
5	QPSK	1	24	20.25	19.97	20.06	20.12	20.02		
5	QPSK	12	0	20.32	20.26	20.40	20.22	20.21	21.6	0
5	QPSK	12	7	20.31	20.10	20.11	19.99	20.02		
5	QPSK	12	13	20.38	20.14	20.17	19.97	20.09		
5	QPSK	25	0	20.20	20.24	20.26	20.15	20.18		
5	16QAM	1	0	20.05	20.21	20.24	20.18	20.10	21.6	0
5	16QAM	1	12	20.31	20.20	20.17	19.94	20.13		
5	16QAM	1	24	20.26	20.26	20.13	20.02	20.16		
5	16QAM	12	0	20.26	20.13	20.11	20.12	20.17	21.6	0
5	16QAM	12	7	20.17	20.35	20.41	20.05	20.26		
5	16QAM	12	13	20.20	20.03	20.20	20.02	19.97		
5	16QAM	25	0	20.23	20.02	19.99	19.95	20.05		
5	64QAM	1	0	20.25	20.12	20.22	20.25	20.10	21.6	0
5	64QAM	1	12	20.14	20.19	20.13	20.06	19.99		
5	64QAM	1	24	20.22	20.05	20.07	20.03	20.02		
5	64QAM	12	0	20.18	20.25	20.28	20.02	20.00	21.1	0.5
5	64QAM	12	7	20.20	20.06	20.03	20.08	20.20		
5	64QAM	12	13	20.23	20.18	20.11	20.03	20.11		
5	64QAM	25	0	20.28	20.15	20.21	20.18	20.27		

Reduced Power Mode for ECI 4

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.21	32.40	32.35	33.50	23.21	23.40	23.35	24.50
GPRS/EDGE GMSK 1 Tx slot	32.20	32.38	32.34	33.50	23.20	23.38	23.34	24.50
GPRS/EDGE GMSK 2 Tx slots	30.20	30.33	30.31	31.00	24.20	24.33	24.31	25.00
GPRS/EDGE GMSK 3 Tx slots	28.19	28.33	28.32	29.20	23.93	24.07	24.06	24.94
GPRS/EDGE GMSK 4 Tx slots	26.56	26.74	26.71	28.00	23.56	23.74	23.71	25.00
EDGE 8PSK 1 Tx slot	26.30	26.33	26.30	28.00	17.30	17.33	17.30	19.00
EDGE 8PSK 2 Tx slots	25.05	25.08	25.23	26.00	19.05	19.08	19.23	20.00
EDGE 8PSK 3 Tx slots	22.95	22.98	23.05	24.00	18.69	18.72	18.79	19.74
EDGE 8PSK 4 Tx slots	21.67	21.68	21.78	23.00	18.67	18.68	18.78	20.00

GSM850_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	22.52	22.69	22.65	24.00	13.52	13.69	13.65	15.00
GPRS/EDGE GMSK 1 Tx slot	22.51	22.68	22.64	24.00	13.51	13.68	13.64	15.00
GPRS/EDGE GMSK 2 Tx slots	22.62	22.68	22.63	24.00	16.62	16.68	16.63	18.00
GPRS/EDGE GMSK 3 Tx slots	22.48	22.65	22.61	24.00	18.22	18.39	18.35	19.74
GPRS/EDGE GMSK 4 Tx slots	22.46	22.63	22.59	24.00	19.46	19.63	19.59	21.00
EDGE 8PSK 1 Tx slot	15.18	15.05	15.15	16.00	6.18	6.05	6.15	7.00
EDGE 8PSK 2 Tx slots	14.95	14.95	15.01	16.00	8.95	8.95	9.01	10.00
EDGE 8PSK 3 Tx slots	14.79	14.94	14.86	16.00	10.53	10.68	10.60	11.74
EDGE 8PSK 4 Tx slots	14.61	14.62	14.67	16.00	11.61	11.62	11.67	13.00

GSM1900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.59	29.63	29.56	30.50	20.59	20.63	20.56	21.50
GPRS/EDGE GMSK 1 Tx slot	29.58	29.61	29.54	30.50	20.58	20.61	20.54	21.50
GPRS/EDGE GMSK 2 Tx slots	26.62	26.64	26.61	28.00	20.62	20.64	20.61	22.00
GPRS/EDGE GMSK 3 Tx slots	24.90	24.91	24.87	26.00	20.64	20.65	20.61	21.74
GPRS/EDGE GMSK 4 Tx slots	23.15	23.16	23.13	24.00	20.15	20.16	20.13	21.00
EDGE 8PSK 1 Tx slot	26.40	26.26	26.23	27.00	17.40	17.26	17.23	18.00
EDGE 8PSK 2 Tx slots	24.90	24.89	24.88	26.00	18.90	18.89	18.88	20.00
EDGE 8PSK 3 Tx slots	22.85	22.78	22.73	23.50	18.59	18.52	18.47	19.24
EDGE 8PSK 4 Tx slots	21.40	21.36	21.33	22.50	18.40	18.36	18.33	19.50

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	19.09	19.30	19.25	20.00	10.09	10.30	10.25	11.00
GPRS/EDGE GMSK 1 Tx slot	19.08	19.29	19.24	20.00	10.08	10.29	10.24	11.00
GPRS/EDGE GMSK 2 Tx slots	19.10	19.27	19.25	20.00	13.10	13.27	13.25	14.00
GPRS/EDGE GMSK 3 Tx slots	19.10	19.28	19.25	20.00	14.84	15.02	14.99	15.74
GPRS/EDGE GMSK 4 Tx slots	19.08	19.29	19.25	20.00	16.08	16.29	16.25	17.00
EDGE 8PSK 1 Tx slot	14.48	14.80	14.59	15.50	5.48	5.80	5.59	6.50
EDGE 8PSK 2 Tx slots	14.38	14.53	14.32	15.50	8.38	8.53	8.32	9.50
EDGE 8PSK 3 Tx slots	14.14	14.24	14.05	15.50	9.88	9.98	9.79	11.24
EDGE 8PSK 4 Tx slots	13.79	14.03	13.78	15.50	10.79	11.03	10.78	12.50

Band		WCDMA II_Ant 0			Tune-up Limit (dBm)	WCDMA II_Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	23.86	23.88	23.85	24.80	15.77	15.78	15.75	16.80
3GPP Rel 99	RMC 12.2Kbps	23.88	23.90	23.87	24.80	15.78	15.79	15.77	16.80
3GPP Rel 6	HSDPA Subtest-1	22.88	22.95	23.01	23.80	14.91	15.00	14.93	15.80
3GPP Rel 6	HSDPA Subtest-2	22.92	22.96	22.99	23.80	14.89	15.00	14.89	15.80
3GPP Rel 6	HSDPA Subtest-3	22.47	22.50	22.56	23.30	14.54	14.48	14.43	15.30
3GPP Rel 6	HSDPA Subtest-4	22.43	22.46	22.48	23.30	14.43	14.48	14.51	15.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.81	22.85	22.86	23.80	14.72	14.91	14.93	15.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.88	22.83	23.80	14.90	14.88	14.81	15.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.40	22.35	22.45	23.30	14.43	14.45	14.38	15.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.29	22.40	22.36	23.30	14.41	14.39	14.34	15.30
3GPP Rel 6	HSUPA Subtest-1	20.38	20.40	20.36	21.80	12.26	12.26	12.26	13.80
3GPP Rel 6	HSUPA Subtest-2	20.33	20.35	20.33	21.80	12.29	12.20	12.22	13.80
3GPP Rel 6	HSUPA Subtest-3	22.38	22.35	22.33	22.80	14.26	14.18	14.24	14.80
3GPP Rel 6	HSUPA Subtest-4	20.35	20.36	20.31	21.80	12.17	12.15	12.17	13.80
3GPP Rel 6	HSUPA Subtest-5	22.40	22.42	22.35	22.80	14.34	14.27	14.14	14.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.85	22.88	22.80	23.30	14.85	15.00	14.87	15.30

Band		WCDMA IV_Ant 0			Tune-up Limit (dBm)	WCDMA IV_Ant 1			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	24.00	24.03	23.97	24.80	17.10	17.13	17.00	17.80
3GPP Rel 99	RMC 12.2Kbps	24.01	24.07	23.98	24.80	17.13	17.15	17.02	17.80
3GPP Rel 6	HSDPA Subtest-1	23.07	23.13	23.03	23.80	16.21	16.09	16.04	16.80
3GPP Rel 6	HSDPA Subtest-2	23.07	23.11	23.01	23.80	16.12	16.10	16.02	16.80
3GPP Rel 6	HSDPA Subtest-3	22.57	22.68	22.55	23.30	15.59	15.66	15.62	16.30
3GPP Rel 6	HSDPA Subtest-4	22.56	22.61	22.51	23.30	15.58	15.69	15.54	16.30
3GPP Rel 8	DC-HSDPA Subtest-1	22.95	22.97	22.88	23.80	16.13	16.05	16.06	16.80
3GPP Rel 8	DC-HSDPA Subtest-2	22.91	23.05	22.95	23.80	16.02	16.06	15.96	16.80
3GPP Rel 8	DC-HSDPA Subtest-3	22.46	22.55	22.46	23.30	15.58	15.55	15.50	16.30
3GPP Rel 8	DC-HSDPA Subtest-4	22.48	22.55	22.45	23.30	15.55	15.50	15.49	16.30
3GPP Rel 6	HSUPA Subtest-1	20.57	20.58	20.55	21.80	13.58	13.49	13.46	14.80
3GPP Rel 6	HSUPA Subtest-2	20.52	20.55	20.50	21.80	13.48	13.52	13.43	14.80
3GPP Rel 6	HSUPA Subtest-3	22.53	22.55	22.50	22.80	15.48	15.48	15.46	15.80
3GPP Rel 6	HSUPA Subtest-4	20.55	20.56	20.52	21.80	13.52	13.45	13.38	14.80
3GPP Rel 6	HSUPA Subtest-5	22.55	22.57	22.53	22.80	15.53	15.46	15.44	15.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	22.26	22.30	22.23	23.30	15.25	15.25	15.20	16.30

Band		WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 1			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	23.70	23.72	23.67	24.80	19.18	19.20	19.09	20.30
3GPP Rel 99	RMC 12.2Kbps	23.73	23.75	23.71	24.80	19.19	19.24	19.14	20.30
3GPP Rel 6	HSDPA Subtest-1	22.81	22.74	22.79	23.80	18.14	18.02	18.09	19.30
3GPP Rel 6	HSDPA Subtest-2	22.79	22.79	22.78	23.80	18.11	18.10	18.07	19.30
3GPP Rel 6	HSDPA Subtest-3	22.34	22.36	22.35	23.30	17.77	17.60	17.66	18.80
3GPP Rel 6	HSDPA Subtest-4	22.32	22.30	22.28	23.30	17.68	17.53	17.57	18.80
3GPP Rel 8	DC-HSDPA Subtest-1	22.65	22.66	22.68	23.80	18.12	17.96	18.01	19.30
3GPP Rel 8	DC-HSDPA Subtest-2	22.64	22.67	22.69	23.80	18.02	18.08	17.96	19.30
3GPP Rel 8	DC-HSDPA Subtest-3	22.28	22.25	22.23	23.30	17.60	17.55	17.60	18.80
3GPP Rel 8	DC-HSDPA Subtest-4	22.26	22.17	22.23	23.30	17.58	17.56	17.57	18.80
3GPP Rel 6	HSUPA Subtest-1	20.45	20.48	20.42	21.80	15.86	15.83	15.76	17.30
3GPP Rel 6	HSUPA Subtest-2	20.42	20.45	20.40	21.80	15.76	15.85	15.74	17.30
3GPP Rel 6	HSUPA Subtest-3	22.45	22.46	22.43	22.80	17.80	17.73	17.72	18.30
3GPP Rel 6	HSUPA Subtest-4	20.40	20.43	20.41	21.80	15.72	15.72	15.69	17.30
3GPP Rel 6	HSUPA Subtest-5	22.50	22.55	22.52	22.80	17.84	17.91	17.82	18.30
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	21.62	21.65	21.60	23.30	17.06	17.22	17.05	18.80

Band 2_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.02	23.05	23.01		
20	QPSK	1	49	23.00	23.01	22.99	23.8	0
20	QPSK	1	99	22.86	22.88	22.99		
20	QPSK	50	0	22.03	22.08	22.05		
20	QPSK	50	24	21.97	21.97	22.03	22.8	1
20	QPSK	50	50	21.94	21.96	21.99		
20	QPSK	100	0	21.93	22.05	22.03		
20	16QAM	1	0	22.30	22.27	22.29		
20	16QAM	1	49	22.25	22.31	22.30	22.8	1
20	16QAM	1	99	22.16	22.20	22.23		
20	16QAM	50	0	20.92	21.00	21.04		
20	16QAM	50	24	20.96	20.96	21.05	21.8	2
20	16QAM	50	50	20.92	20.96	21.00		
20	16QAM	100	0	20.91	20.99	21.02		
20	64QAM	1	0	21.11	21.14	21.12		
20	64QAM	1	49	21.07	21.17	21.12	21.8	2
20	64QAM	1	99	20.97	21.03	21.06		
20	64QAM	50	0	19.92	19.97	20.04		
20	64QAM	50	24	19.96	19.96	20.03	20.8	3
20	64QAM	50	50	19.92	19.95	20.00		
20	64QAM	100	0	19.92	19.97	20.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.87	22.96	22.90		
15	QPSK	1	37	22.89	22.94	22.83	23.8	0
15	QPSK	1	74	22.71	22.73	22.89		
15	QPSK	36	0	21.91	21.92	21.96		
15	QPSK	36	20	21.89	21.85	21.92	22.8	1
15	QPSK	36	39	21.86	21.88	21.85		
15	QPSK	75	0	21.84	21.92	21.93		
15	16QAM	1	0	22.17	22.15	22.15		
15	16QAM	1	37	22.18	22.22	22.20	22.8	1
15	16QAM	1	74	22.03	22.04	22.08		
15	16QAM	36	0	20.86	20.85	20.90		
15	16QAM	36	20	20.88	20.82	20.98	21.8	2
15	16QAM	36	39	20.86	20.88	20.87		
15	16QAM	75	0	20.87	20.83	20.88		
15	64QAM	1	0	21.00	21.08	21.04		
15	64QAM	1	37	20.93	21.01	21.06	21.8	2
15	64QAM	1	74	20.86	20.97	20.92		
15	64QAM	36	0	19.78	19.86	19.88		
15	64QAM	36	20	19.91	19.81	19.90	20.8	3
15	64QAM	36	39	19.81	19.81	19.86		
15	64QAM	75	0	19.80	19.82	19.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.91	22.89	22.87		
10	QPSK	1	25	22.85	22.89	22.92	23.8	0
10	QPSK	1	49	22.77	22.79	22.88		
10	QPSK	25	0	21.89	21.97	21.92		
10	QPSK	25	12	21.92	21.82	21.93	22.8	1
10	QPSK	25	25	21.80	21.88	21.86		
10	QPSK	50	0	21.77	21.95	21.97		
10	16QAM	1	0	22.15	22.16	22.20		
10	16QAM	1	25	22.14	22.15	22.14	22.8	1
10	16QAM	1	49	22.02	22.06	22.17		
10	16QAM	25	0	20.89	20.90	20.91		
10	16QAM	25	12	20.91	20.80	20.95	21.8	2
10	16QAM	25	25	20.89	20.85	20.87		
10	16QAM	50	0	20.87	20.85	20.97		
10	64QAM	1	0	21.04	20.99	21.07		
10	64QAM	1	25	20.95	21.08	21.04	21.8	2
10	64QAM	1	49	20.90	20.92	20.99		
10	64QAM	25	0	19.82	19.81	19.98		
10	64QAM	25	12	19.81	19.85	19.89	20.8	3
10	64QAM	25	25	19.87	19.81	19.95		
10	64QAM	50	0	19.84	19.82	19.87		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.89	22.94	22.96		
5	QPSK	1	12	22.95	22.86	22.83	23.8	0
5	QPSK	1	24	22.80	22.74	22.89		
5	QPSK	12	0	21.87	21.95	21.89		
5	QPSK	12	7	21.89	21.85	21.87	22.8	1
5	QPSK	12	13	21.79	21.87	21.93		
5	QPSK	25	0	21.78	21.99	21.89		
5	16QAM	1	0	22.23	22.18	22.17		
5	16QAM	1	12	22.18	22.26	22.25	22.8	1
5	16QAM	1	24	22.06	22.05	22.13		
5	16QAM	12	0	20.87	20.89	20.90		
5	16QAM	12	7	20.94	20.86	20.93	21.8	2
5	16QAM	12	13	20.88	20.81	20.87		
5	16QAM	25	0	20.85	20.91	20.94		
5	64QAM	1	0	21.00	21.09	21.07		
5	64QAM	1	12	21.02	21.02	20.96	21.8	2
5	64QAM	1	24	20.89	20.90	20.98		
5	64QAM	12	0	19.85	19.81	19.98		
5	64QAM	12	7	19.90	19.89	19.94	20.8	3
5	64QAM	12	13	19.78	19.81	19.84		
5	64QAM	25	0	19.76	19.91	19.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.94	22.93	22.95		
3	QPSK	1	8	22.90	22.85	22.91	23.8	0
3	QPSK	1	14	22.81	22.80	22.86		
3	QPSK	8	0	21.97	21.98	21.99		
3	QPSK	8	4	21.83	21.86	21.90	22.8	1
3	QPSK	8	7	21.80	21.85	21.87		
3	QPSK	15	0	21.87	21.98	21.90		
3	16QAM	1	0	22.20	22.17	22.14		
3	16QAM	1	8	22.17	22.16	22.16	22.8	1
3	16QAM	1	14	22.01	22.10	22.16		
3	16QAM	8	0	20.87	20.89	20.90		
3	16QAM	8	4	20.92	20.85	20.99	21.8	2
3	16QAM	8	7	20.86	20.90	20.89		
3	16QAM	15	0	20.83	20.91	20.91		
3	64QAM	1	0	20.97	21.07	20.99		
3	64QAM	1	8	20.93	21.12	21.02	21.8	2
3	64QAM	1	14	20.85	20.95	20.97		
3	64QAM	8	0	19.84	19.81	19.93		
3	64QAM	8	4	19.88	19.85	19.88	20.8	3
3	64QAM	8	7	19.87	19.81	19.95		
3	64QAM	15	0	19.84	19.83	19.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.92	22.93	22.86		
1.4	QPSK	1	3	22.94	22.91	22.94		
1.4	QPSK	1	5	22.73	22.73	22.86	23.8	0
1.4	QPSK	3	0	22.94	22.95	22.95		
1.4	QPSK	3	1	22.84	22.88	22.94		
1.4	QPSK	3	3	22.75	22.75	22.90		
1.4	QPSK	6	0	21.98	21.95	21.91	22.8	1
1.4	16QAM	1	0	21.84	21.82	21.94		
1.4	16QAM	1	3	21.89	21.80	21.93		
1.4	16QAM	1	5	21.85	21.97	21.90	22.8	1
1.4	16QAM	3	0	22.19	22.14	22.15		
1.4	16QAM	3	1	22.19	22.16	22.17		
1.4	16QAM	3	3	22.03	22.13	22.07		
1.4	16QAM	6	0	20.90	20.88	20.94	21.8	2
1.4	64QAM	1	0	20.92	20.88	20.91		
1.4	64QAM	1	3	20.89	20.91	20.95		
1.4	64QAM	1	5	20.87	20.93	20.91	21.8	2
1.4	64QAM	3	0	20.97	21.07	20.96		
1.4	64QAM	3	1	21.01	21.07	21.04		
1.4	64QAM	3	3	20.85	20.88	20.95		
1.4	64QAM	6	0	19.80	19.83	19.93	20.8	3

Band 2_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.13	16.15	16.09		
20	QPSK	1	49	15.99	16.02	16.00	16.8	0
20	QPSK	1	99	16.01	16.14	15.88		
20	QPSK	50	0	16.11	16.14	16.03		
20	QPSK	50	24	15.98	16.00	15.87	16.8	0
20	QPSK	50	50	16.02	16.03	15.88		
20	QPSK	100	0	16.00	16.14	16.01		
20	16QAM	1	0	16.01	16.02	15.88		
20	16QAM	1	49	16.02	16.05	15.93	16.8	0
20	16QAM	1	99	15.96	15.93	15.92		
20	16QAM	50	0	16.03	16.03	15.95		
20	16QAM	50	24	16.01	16.01	15.90	16.8	0
20	16QAM	50	50	16.00	16.02	15.94		
20	16QAM	100	0	15.99	15.94	15.98		
20	64QAM	1	0	16.03	15.91	15.86		
20	64QAM	1	49	15.99	15.92	15.89	16.8	0
20	64QAM	1	99	15.99	16.00	15.83		
20	64QAM	50	0	16.00	15.90	15.96		
20	64QAM	50	24	16.05	16.08	15.95	16.8	0
20	64QAM	50	50	16.03	16.07	15.92		
20	64QAM	100	0	15.95	15.99	15.96		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.09	16.00	16.07		
15	QPSK	1	37	15.98	16.07	16.06	16.8	0
15	QPSK	1	74	16.00	16.04	15.84		
15	QPSK	36	0	16.00	16.01	15.94		
15	QPSK	36	20	15.99	16.00	15.94	16.8	0
15	QPSK	36	39	16.04	16.03	15.88		
15	QPSK	75	0	16.09	16.02	15.95		
15	16QAM	1	0	16.07	15.98	15.93		
15	16QAM	1	37	16.08	16.09	15.92	16.8	0
15	16QAM	1	74	15.94	15.94	15.90		
15	16QAM	36	0	16.03	16.05	15.98		
15	16QAM	36	20	15.99	16.01	15.91	16.8	0
15	16QAM	36	39	16.08	15.95	15.90		
15	16QAM	75	0	16.02	15.98	15.95		
15	64QAM	1	0	16.05	16.01	15.92		
15	64QAM	1	37	16.03	15.89	15.93	16.8	0
15	64QAM	1	74	16.05	15.96	15.87		
15	64QAM	36	0	16.04	15.91	15.97		
15	64QAM	36	20	16.03	16.08	16.03	16.8	0
15	64QAM	36	39	16.00	16.08	15.85		
15	64QAM	75	0	16.07	16.01	16.06		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.07	16.02	16.07		
10	QPSK	1	25	16.02	16.02	16.05	16.8	0
10	QPSK	1	49	16.01	16.01	15.96		
10	QPSK	25	0	16.00	16.06	16.03		
10	QPSK	25	12	16.09	16.08	15.98	16.8	0
10	QPSK	25	25	16.05	16.05	15.98		
10	QPSK	50	0	16.04	16.06	16.03		
10	16QAM	1	0	16.02	16.03	15.98		
10	16QAM	1	25	16.07	16.06	15.92	16.8	0
10	16QAM	1	49	16.00	16.06	16.00		
10	16QAM	25	0	15.95	16.06	16.01		
10	16QAM	25	12	15.97	16.00	15.90	16.8	0
10	16QAM	25	25	16.03	16.01	15.92		
10	16QAM	50	0	16.01	16.00	15.88		
10	64QAM	1	0	16.06	15.98	15.88		
10	64QAM	1	25	16.00	15.92	15.93	16.8	0
10	64QAM	1	49	15.92	15.97	15.83		
10	64QAM	25	0	15.96	15.99	15.94		
10	64QAM	25	12	16.02	16.02	16.00	16.8	0
10	64QAM	25	25	16.01	16.02	15.94		
10	64QAM	50	0	15.98	16.02	16.05		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.05	16.06	16.02		
5	QPSK	1	12	16.01	16.01	16.02	16.8	0
5	QPSK	1	24	16.03	16.01	15.88		
5	QPSK	12	0	16.04	16.05	16.04		
5	QPSK	12	7	16.00	15.98	15.86	16.8	0
5	QPSK	12	13	16.07	16.01	15.99		
5	QPSK	25	0	16.06	16.06	15.97		
5	16QAM	1	0	16.03	16.02	15.92		
5	16QAM	1	12	16.09	16.03	15.91	16.8	0
5	16QAM	1	24	15.93	15.99	15.90		
5	16QAM	12	0	15.96	16.01	15.94		
5	16QAM	12	7	16.07	15.97	15.94	16.8	0
5	16QAM	12	13	15.99	16.02	15.90		
5	16QAM	25	0	16.09	15.93	15.95		
5	64QAM	1	0	15.96	15.95	15.86		
5	64QAM	1	12	16.06	15.97	15.86	16.8	0
5	64QAM	1	24	15.98	16.04	15.90		
5	64QAM	12	0	16.04	15.93	15.96		
5	64QAM	12	7	16.05	16.03	16.01	16.8	0
5	64QAM	12	13	15.97	16.00	15.87		
5	64QAM	25	0	16.06	16.02	15.98		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.06	16.08	16.08		
3	QPSK	1	8	15.99	16.02	15.94	16.8	0
3	QPSK	1	14	16.02	16.03	15.86		
3	QPSK	8	0	16.00	16.07	15.94		
3	QPSK	8	4	16.07	16.00	15.97	16.8	0
3	QPSK	8	7	16.03	16.07	15.94		
3	QPSK	15	0	16.07	16.07	16.04		
3	16QAM	1	0	16.04	15.93	15.91		
3	16QAM	1	8	16.01	16.00	15.96	16.8	0
3	16QAM	1	14	16.01	16.01	15.94		
3	16QAM	8	0	15.97	16.02	15.96		
3	16QAM	8	4	16.06	16.03	15.87	16.8	0
3	16QAM	8	7	16.01	15.95	15.91		
3	16QAM	15	0	16.02	16.01	15.87		
3	64QAM	1	0	16.00	15.91	15.93		
3	64QAM	1	8	15.97	15.98	15.90	16.8	0
3	64QAM	1	14	16.02	16.04	15.93		
3	64QAM	8	0	16.05	15.99	15.92		
3	64QAM	8	4	15.97	15.97	15.97	16.8	0
3	64QAM	8	7	16.04	16.03	15.94		
3	64QAM	15	0	16.08	16.02	16.02		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.09	16.09	15.95		
1.4	QPSK	1	3	15.94	16.06	15.95		
1.4	QPSK	1	5	16.09	16.00	15.97	16.8	0
1.4	QPSK	3	0	16.04	16.02	15.94		
1.4	QPSK	3	1	16.09	16.09	15.97		
1.4	QPSK	3	3	16.05	16.04	15.91		
1.4	QPSK	6	0	16.06	16.03	16.00	16.8	0
1.4	16QAM	1	0	16.09	15.94	15.90		
1.4	16QAM	1	3	16.00	15.99	15.90		
1.4	16QAM	1	5	15.92	16.01	15.98	16.8	0
1.4	16QAM	3	0	16.02	16.05	15.98		
1.4	16QAM	3	1	15.96	16.02	15.96		
1.4	16QAM	3	3	16.00	16.04	15.96		
1.4	16QAM	6	0	16.02	15.99	15.87	16.8	0
1.4	64QAM	1	0	15.94	15.98	15.93		
1.4	64QAM	1	3	16.09	16.00	15.86		
1.4	64QAM	1	5	15.92	16.02	15.89	16.8	0
1.4	64QAM	3	0	16.01	15.95	15.88		
1.4	64QAM	3	1	16.01	15.98	15.98		
1.4	64QAM	3	3	16.08	16.00	15.93		
1.4	64QAM	6	0	16.08	16.08	15.98	16.8	0

Band 2_Ant 4(ENDC)

BW [MHz]	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	21.98	22.02	21.97		
20	QPSK	1	49	21.96	21.97	21.89	23.3	0
20	QPSK	1	99	21.93	21.94	21.89		
20	QPSK	50	0	20.96	20.98	20.93		
20	QPSK	50	24	20.87	20.95	20.87	22.3	1
20	QPSK	50	50	20.94	20.95	20.88		
20	QPSK	100	0	20.92	20.94	20.90		
20	16QAM	1	0	20.98	21.00	20.95		
20	16QAM	1	49	20.93	20.92	20.92	22.3	1
20	16QAM	1	99	20.90	20.92	20.86		
20	16QAM	50	0	19.88	19.89	19.86		
20	16QAM	50	24	19.80	19.80	19.83	21.3	2
20	16QAM	50	50	19.86	19.86	19.80		
20	16QAM	100	0	19.80	19.83	19.81		
20	64QAM	1	0	19.95	19.97	19.93		
20	64QAM	1	49	19.91	19.93	19.90	21.3	2
20	64QAM	1	99	19.87	19.94	19.87		
20	64QAM	50	0	18.82	18.84	18.80		
20	64QAM	50	24	18.77	18.74	18.71	20.3	3
20	64QAM	50	50	18.73	18.76	18.78		
20	64QAM	100	0	18.77	18.79	18.71		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.93	21.97	21.95		
15	QPSK	1	37	21.91	21.89	21.80	23.3	0
15	QPSK	1	74	21.85	21.90	21.84		
15	QPSK	36	0	20.90	20.91	20.84		
15	QPSK	36	20	20.81	20.86	20.80	22.3	1
15	QPSK	36	39	20.89	20.88	20.83		
15	QPSK	75	0	20.88	20.92	20.88		
15	16QAM	1	0	20.91	20.90	20.85		
15	16QAM	1	37	20.91	20.88	20.87	22.3	1
15	16QAM	1	74	20.80	20.89	20.81		
15	16QAM	36	0	19.86	19.80	19.84		
15	16QAM	36	20	19.73	19.76	19.78	21.3	2
15	16QAM	36	39	19.80	19.76	19.70		
15	16QAM	75	0	19.70	19.81	19.71		
15	64QAM	1	0	19.92	19.90	19.87		
15	64QAM	1	37	19.87	19.88	19.86	21.3	2
15	64QAM	1	74	19.81	19.87	19.78		
15	64QAM	36	0	18.76	18.75	18.74		
15	64QAM	36	20	18.68	18.71	18.63	20.3	3
15	64QAM	36	39	18.69	18.71	18.74		
15	64QAM	75	0	18.67	18.76	18.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.89	21.93	21.88		
10	QPSK	1	25	21.93	21.93	21.81	23.3	0
10	QPSK	1	49	21.90	21.92	21.82		
10	QPSK	25	0	20.94	20.91	20.88		
10	QPSK	25	12	20.83	20.86	20.83	22.3	1
10	QPSK	25	25	20.92	20.90	20.78		
10	QPSK	50	0	20.89	20.87	20.85		
10	16QAM	1	0	20.96	20.90	20.88		
10	16QAM	1	25	20.84	20.85	20.82	22.3	1
10	16QAM	1	49	20.81	20.89	20.82		
10	16QAM	25	0	19.80	19.82	19.76		
10	16QAM	25	12	19.77	19.73	19.78	21.3	2
10	16QAM	25	25	19.84	19.76	19.77		
10	16QAM	50	0	19.74	19.75	19.77		
10	64QAM	1	0	19.91	19.87	19.84		
10	64QAM	1	25	19.81	19.89	19.84	21.3	2
10	64QAM	1	49	19.84	19.90	19.81		
10	64QAM	25	0	18.76	18.77	18.72		
10	64QAM	25	12	18.75	18.67	18.69	20.3	3
10	64QAM	25	25	18.71	18.66	18.70		
10	64QAM	50	0	18.75	18.76	18.62		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.93	21.92	21.88		
5	QPSK	1	12	21.90	21.93	21.81	23.3	0
5	QPSK	1	24	21.84	21.87	21.87		
5	QPSK	12	0	20.86	20.88	20.84		
5	QPSK	12	7	20.79	20.93	20.78	22.3	1
5	QPSK	12	13	20.84	20.89	20.79		
5	QPSK	25	0	20.83	20.91	20.87		
5	16QAM	1	0	20.89	20.95	20.90		
5	16QAM	1	12	20.83	20.83	20.83	22.3	1
5	16QAM	1	24	20.88	20.90	20.79		
5	16QAM	12	0	19.85	19.85	19.76		
5	16QAM	12	7	19.77	19.75	19.81	21.3	2
5	16QAM	12	13	19.84	19.83	19.77		
5	16QAM	25	0	19.77	19.80	19.76		
5	64QAM	1	0	19.91	19.95	19.90		
5	64QAM	1	12	19.84	19.85	19.81	21.3	2
5	64QAM	1	24	19.81	19.90	19.79		
5	64QAM	12	0	18.80	18.76	18.71		
5	64QAM	12	7	18.68	18.64	18.63	20.3	3
5	64QAM	12	13	18.70	18.67	18.68		
5	64QAM	25	0	18.69	18.72	18.61		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.96	22.00	21.88		
3	QPSK	1	8	21.94	21.89	21.84	23.3	0
3	QPSK	1	14	21.89	21.85	21.83		
3	QPSK	8	0

Band 4_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.67	24.05	24.02	24.8	0
20	QPSK	1	49	23.66	23.92	24.00		
20	QPSK	1	99	23.66	23.95	23.96		
20	QPSK	50	0	22.78	23.15	23.10	23.8	1
20	QPSK	50	24	22.70	22.90	23.07		
20	QPSK	50	50	22.76	22.92	23.05		
20	QPSK	100	0	22.72	23.08	23.06		
20	16QAM	1	0	22.99	23.07	23.20	23.8	1
20	16QAM	1	49	22.96	23.21	23.37		
20	16QAM	1	99	22.95	23.25	23.24		
20	16QAM	50	0	21.68	21.81	22.10	22.8	2
20	16QAM	50	24	21.70	21.88	22.09		
20	16QAM	50	50	21.76	21.92	22.04		
20	16QAM	100	0	21.72	21.87	22.04		
20	64QAM	1	0	21.83	21.88	22.08	22.8	2
20	64QAM	1	49	21.76	22.05	22.17		
20	64QAM	1	99	21.78	22.07	22.06		
20	64QAM	50	0	20.68	20.78	21.07	21.8	3
20	64QAM	50	24	20.71	20.86	21.08		
20	64QAM	50	50	20.77	20.92	21.04		
20	64QAM	100	0	20.73	20.87	21.05		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.54	23.95	23.88	24.8	0
15	QPSK	1	37	23.53	23.87	23.87		
15	QPSK	1	74	23.56	23.81	23.81		
15	QPSK	36	0	22.72	23.00	22.98	23.8	1
15	QPSK	36	20	22.54	22.84	22.91		
15	QPSK	36	39	22.71	22.84	22.98		
15	QPSK	75	0	22.56	22.97	22.93		
15	16QAM	1	0	22.92	22.91	23.11	23.8	1
15	16QAM	1	37	22.81	23.11	23.26		
15	16QAM	1	74	22.85	23.11	23.13		
15	16QAM	36	0	21.60	21.65	22.02	22.8	2
15	16QAM	36	20	21.63	21.78	22.02		
15	16QAM	36	39	21.73	21.82	21.95		
15	16QAM	75	0	21.69	21.72	21.92		
15	64QAM	1	0	21.72	21.78	21.94	22.8	2
15	64QAM	1	37	21.63	21.90	22.09		
15	64QAM	1	74	21.68	21.98	22.01		
15	64QAM	36	0	20.53	20.63	20.91	21.8	3
15	64QAM	36	20	20.61	20.74	20.94		
15	64QAM	36	39	20.71	20.85	20.89		
15	64QAM	75	0	20.59	20.77	20.90		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.53	23.93	23.90	24.8	0
10	QPSK	1	25	23.61	23.81	23.85		
10	QPSK	1	49	23.53	23.79	23.83		
10	QPSK	25	0	22.67	23.00	23.02	23.8	1
10	QPSK	25	12	22.56	22.82	23.02		
10	QPSK	25	25	22.68	22.82	22.91		
10	QPSK	50	0	22.59	22.93	22.92		
10	16QAM	1	0	22.93	22.95	23.11	23.8	1
10	16QAM	1	25	22.86	23.16	23.29		
10	16QAM	1	49	22.79	23.18	23.12		
10	16QAM	25	0	21.63	21.74	21.96	22.8	2
10	16QAM	25	12	21.68	21.76	22.01		
10	16QAM	25	25	21.70	21.80	21.94		
10	16QAM	50	0	21.70	21.72	21.97		
10	64QAM	1	0	21.78	21.79	21.92	22.8	2
10	64QAM	1	25	21.70	22.00	22.08		
10	64QAM	1	49	21.68	21.92	21.93		
10	64QAM	25	0	20.61	20.66	21.02	21.8	3
10	64QAM	25	12	20.55	20.73	20.92		
10	64QAM	25	25	20.61	20.78	20.90		
10	64QAM	50	0	20.66	20.72	20.89		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.59	23.95	23.90	24.8	0
5	QPSK	1	12	23.59	23.76	23.95		
5	QPSK	1	24	23.57	23.87	23.90		
5	QPSK	12	0	22.65	23.02	22.99	23.8	1
5	QPSK	12	7	22.58	22.75	22.93		
5	QPSK	12	13	22.65	22.83	22.97		
5	QPSK	25	0	22.56	22.92	22.94		
5	16QAM	1	0	22.83	23.02	23.15	23.8	1
5	16QAM	1	12	22.91	23.07	23.25		
5	16QAM	1	24	22.83	23.14	23.12		
5	16QAM	12	0	21.63	21.66	21.96	22.8	2
5	16QAM	12	7	21.63	21.82	21.98		
5	16QAM	12	13	21.69	21.76	21.95		
5	16QAM	25	0	21.69	21.82	21.99		
5	64QAM	1	0	21.74	21.81	21.93	22.8	2
5	64QAM	1	12	21.69	21.96	22.03		
5	64QAM	1	24	21.72	21.92	21.90		
5	64QAM	12	0	20.58	20.64	20.98	21.8	3
5	64QAM	12	7	20.55	20.75	20.93		
5	64QAM	12	13	20.65	20.80	20.96		
5	64QAM	25	0	20.64	20.76	21.00		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.58	23.90	23.94	24.8	0
3	QPSK	1	8	23.60	23.83	23.91		
3	QPSK	1	14	23.56	23.85	23.81		
3	QPSK	8	0	22.63	23.05	22.95	23.8	1
3	QPSK	8	4	22.60	22.82	22.97		
3	QPSK	8	7	22.62	22.77	22.94		
3	QPSK	15	0	22.64	22.97	22.97		
3	16QAM	1	0	22.86	23.00	23.05	23.8	1
3	16QAM	1	8	22.82	23.14	23.28		
3	16QAM	1	14	22.83	23.14	23.12		
3	16QAM	8	0	21.62	21.76	21.96	22.8	2
3	16QAM	8	4	21.68	21.72	21.99		
3	16QAM	8	7	21.71	21.86	21.89		
3	16QAM	15	0	21.68	21.78	21.92		
3	64QAM	1	0	21.76	21.76	21.98	22.8	2
3	64QAM	1	8	21.66	21.96	22.06		
3	64QAM	1	14	21.68	22.02	21.94		
3	64QAM	8	0	20.53	20.64	21.02	21.8	3
3	64QAM	8	4	20.58	20.77	20.95		
3	64QAM	8	7	20.71	20.86	20.90		
3	64QAM	15	0	20.66	20.77	21.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.55	23.97	23.88	24.8	0
1.4	QPSK	1	3	23.53	23.85	23.93		
1.4	QPSK	1	5	23.58	23.80	23.91		
1.4	QPSK	3	0	23.62	23.92	23.88		
1.4	QPSK	3	1	23.52	23.87	23.93		
1.4	QPSK	3	3	23.55	23.86	23.91		
1.4	QPSK	6	0	22.67	23.03	23.01	23.8	1
1.4	16QAM	1	0	22.62	22.75	22.97	23.8	1
1.4	16QAM	1	3	22.61	22.83	23.00		
1.4	16QAM	1	5	22.58	22.95	22.98		
1.4	16QAM	3	0	22.86	22.98	23.13		
1.4	16QAM	3	1	22.81	23.16	23.30		
1.4	16QAM	3	3	22.82	23.18	23.17		
1.4	16QAM	6	0	21.63	21.71	22.00	22.8	2
1.4	64QAM	1	0	21.62	21.80	22.00	22.8	2
1.4	64QAM	1	3	21.74	21.82	21.89		
1.4	64QAM	1	5	21.68	21.72	21.88		
1.4	64QAM	3	0	21.78	21.78	22.00		
1.4	64QAM	3	1	21.62	21.90	22.05		
1.4	64QAM	3	3	21.70	21.91	22.00		
1.4	64QAM	6	0	20.54	20.65	20.95	21.8	3

Band 4_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	16.94	17.12	16.99	17.8	0
20	QPSK	1	49	16.68	16.94	16.88		
20	QPSK	1	99	16.66	16.83	16.75		
20	QPSK	50	0	16.91	17.03	16.91	17.8	0
20	QPSK	50	24	16.58	16.95	16.85		
20	QPSK	50	50	16.58	16.85	16.88		
20	QPSK	100	0	16.68	16.91	16.84		
20	16QAM	1	0	16.72	16.82	16.76	17.8	0
20	16QAM	1	49	16.69	16.84	16.93		
20	16QAM	1	99	16.58	16.82	16.86		
20	16QAM	50	0	16.62	16.81	16.88	17.8	0
20	16QAM	50	24	16.74	16.74	16.75		
20	16QAM	50	50	16.58	16.88	16.79		
20	16QAM	100	0	16.71	16.88	16.80		
20	64QAM	1	0	16.67	16.81	16.90	17.8	0
20	64QAM	1	49	16.67	16.86	16.84		
20	64QAM	1	99	16.70	16.86	16.88		
20	64QAM	50	0	16.64	16.95	16.76	17.8	0
20	64QAM	50	24	16.68	16.88	16.90		
20	64QAM	50	50	16.65	16.80	16.88		
20	64QAM	100	0	16.67	16.91	16.73		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	16.96	17.03	16.88	17.8	0
15	QPSK	1	37	16.68	16.87	16.97		
15	QPSK	1	74	16.68	16.86	16.74		
15	QPSK	36	0	16.83	16.93	16.88	17.8	0
15	QPSK	36	20	16.56	16.83	16.84		
15	QPSK	36	39	16.55	16.81	16.87		
15	QPSK	75	0	16.66	17.00	16.91		
15	16QAM	1	0	16.68	16.87	16.81	17.8	0
15	16QAM	1	37	16.70	16.77	16.97		
15	16QAM	1	74	16.66	16.91	16.80		
15	16QAM	36	0	16.62	16.93	16.90	17.8	0
15	16QAM	36	20	16.73	16.81	16.78		
15	16QAM	36	39	16.63	16.95	16.88		
15	16QAM	75	0	16.67	16.91	16.89		
15	64QAM	1	0	16.68	16.77	16.84	17.8	0
15	64QAM	1	37	16.61	16.89	16.86		
15	64QAM	1	74	16.62	16.88	16.78		
15	64QAM	36	0	16.71	16.91	16.78	17.8	0
15	64QAM	36	20	16.63	16.87	16.81		
15	64QAM	36	39	16.65	16.87	16.81		
15	64QAM	75	0	16.62	16.84	16.82		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	16.93	17.04	16.98	17.8	0
10	QPSK	1	25	16.67	16.93	16.93		
10	QPSK	1	49	16.76	16.85	16.77		
10	QPSK	25	0	16.88	17.05	16.94	17.8	0
10	QPSK	25	12	16.55	16.85	16.86		
10	QPSK	25	25	16.61	16.89	16.82		
10	QPSK	50	0	16.66	16.89	16.86		
10	16QAM	1	0	16.67	16.90	16.75	17.8	0
10	16QAM	1	25	16.69	16.81	16.97		
10	16QAM	1	49	16.68	16.92	16.78		
10	16QAM	25	0	16.58	16.87	16.88	17.8	0
10	16QAM	25	12	16.63	16.79	16.83		
10	16QAM	25	25	16.55	16.92	16.83		
10	16QAM	50	0	16.80	16.95	16.86		
10	64QAM	1	0	16.68	16.81	16.88	17.8	0
10	64QAM	1	25	16.66	16.91	16.90		
10	64QAM	1	49	16.70	16.91	16.85		
10	64QAM	25	0	16.64	16.94	16.72	17.8	0
10	64QAM	25	12	16.67	16.80	16.79		
10	64QAM	25	25	16.69	16.76	16.81		
10	64QAM	50	0	16.60	16.89	16.84		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	16.87	17.06	16.88	17.8	0
5	QPSK	1	12	16.71	16.86	16.92		
5	QPSK	1	24	16.70	16.87	16.81		
5	QPSK	12	0	16.86	17.06	16.91	17.8	0
5	QPSK	12	7	16.67	16.85	16.97		
5	QPSK	12	13	16.59	16.92	16.82		
5	QPSK	25	0	16.67	16.98	16.84		
5	16QAM	1	0	16.67	16.89	16.78	17.8	0
5	16QAM	1	12	16.64	16.89	16.86		
5	16QAM	1	24	16.61	16.92	16.81		
5	16QAM	12	0	16.64	16.83	16.87	17.8	0
5	16QAM	12	7	16.74	16.85	16.85		
5	16QAM	12	13	16.59	16.97	16.88		
5	16QAM	25	0	16.74	16.85	16.80		
5	64QAM	1	0	16.62	16.84	16.83	17.8	0
5	64QAM	1	12	16.64	16.90	16.95		
5	64QAM	1	24	16.73	16.86	16.85		
5	64QAM	12	0	16.68	16.96	16.80	17.8	0
5	64QAM	12	7	16.57	16.78	16.90		
5	64QAM	12	13	16.66	16.87	16.88		
5	64QAM	25	0	16.71	16.92	16.73		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	16.90	17.07	16.90	17.8	0
3	QPSK	1	8	16.65	16.98	16.96		
3	QPSK	1	14	16.65	16.89	16.82		
3	QPSK	8	0	16.91	16.97	16.97	17.8	0
3	QPSK	8	4	16.64	16.86	16.88		
3	QPSK	8	7	16.56	16.88	16.84		
3	QPSK	15	0	16.64	16.92	16.79		
3	16QAM	1	0	16.64	16.86	16.76	17.8	0
3	16QAM	1	8	16.61	16.86	16.84		
3	16QAM	1	14	16.60	16.81	16.80		
3	16QAM	8	0	16.55	16.85	16.90	17.8	0
3	16QAM	8	4	16.72	16.77	16.86		
3	16QAM	8	7	16.67	16.92	16.84		
3	16QAM	15	0	16.77	16.92	16.77		
3	64QAM	1	0	16.62	16.83	16.93	17.8	0
3	64QAM	1	8	16.68	16.89	16.88		
3	64QAM	1	14	16.60	16.97	16.83		
3	64QAM	8	0	16.66	16.87	16.80	17.8	0
3	64QAM	8	4	16.69	16.75	16.87		
3	64QAM	8	7	16.62	16.87	16.91		
3	64QAM	15	0	16.65	16.85	16.77		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	16.98	17.04	16.88	17.8	0
1.4	QPSK	1	3	16.72	16.91	16.91		
1.4	QPSK	1	5	16.72	16.79	16.79		
1.4	QPSK	3	0	16.86	16.98	16.85		
1.4	QPSK	3	1	16.62	16.89	16.95		
1.4	QPSK	3	3	16.64	16.83	16.89		
1.4	QPSK	6	0	16.65	16.91	16.87	17.8	0
1.4	16QAM	1	0	16.71	16.91	16.81	17.8	0
1.4	16QAM	1	3	16.66	16.84	16.84		
1.4	16QAM	1	5	16.63	16.79	16.91		
1.4	16QAM	3	0	16.62	16.88	16.87		
1.4	16QAM	3	1	16.64	16.79	16.84		
1.4	16QAM	3	3	16.59	16.92	16.84		
1.4	16QAM	6	0	16.68	16.87	16.79	17.8	0
1.4	64QAM	1	0	16.69	16.80	16.90	17.8	0
1.4	64QAM	1	3	16.59	16.82	16.97		
1.4	64QAM	1	5	16.69	16.87	16.89		
1.4	64QAM	3	0	16.71	16.88	16.74		
1.4	64QAM	3	1	16.63	16.80	16.83		
1.4	64QAM	3	3	16.68	16.76	16.82		
1.4	64QAM	6	0	16.65	16.85	16.78	17.8	0

Band 4_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.45	23.60	23.55	24.3	0
20	QPSK	1	49	23.30	23.51	23.53		
20	QPSK	1	99	23.35	23.43	23.40		
20	QPSK	50	0	22.50	22.60	22.56	23.3	1
20	QPSK	50	24	22.40	22.50	22.53		
20	QPSK	50	50	22.40	22.52	22.52		
20	QPSK	100	0	22.38	22.55	22.53		
20	16QAM	1	0	22.49	22.69	22.78	23.3	1
20	16QAM	1	49	22.57	22.75	22.75		
20	16QAM	1	99	22.60	22.66	22.68		
20	16QAM	50	0	21.34	21.43	21.56	22.3	2
20	16QAM	50	24	21.37	21.49	21.56		
20	16QAM	50	50	21.36	21.50	21.52		
20	16QAM	100	0	21.36	21.42	21.53		
20	64QAM	1	0	21.48	21.63	21.76	22.3	2
20	64QAM	1	49	21.52	21.75	21.74		
20	64QAM	1	99	21.57	21.62	21.65		
20	64QAM	50	0	20.35	20.43	20.53	21.3	3
20	64QAM	50	24	20.37	20.51	20.57		
20	64QAM	50	50	20.37	20.51	20.53		
20	64QAM	100	0	20.36	20.47	20.52		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.33	23.47	23.42	24.3	0
15	QPSK	1	37	23.19	23.43	23.48		
15	QPSK	1	74	23.20	23.31	23.33		
15	QPSK	36	0	22.43	22.46	22.46	23.3	1
15	QPSK	36	20	22.33	22.42	22.37		
15	QPSK	36	39	22.34	22.38	22.38		
15	QPSK	75	0	22.33	22.50	22.46		
15	16QAM	1	0	22.33	22.61	22.71	23.3	1
15	16QAM	1	37	22.51	22.61	22.62		
15	16QAM	1	74	22.45	22.57	22.53		
15	16QAM	36	0	21.29	21.31	21.49	22.3	2
15	16QAM	36	20	21.32	21.35	21.49		
15	16QAM	36	39	21.31	21.38	21.41		
15	16QAM	75	0	21.28	21.30	21.45		
15	64QAM	1	0	21.34	21.47	21.70	22.3	2
15	64QAM	1	37	21.38	21.63	21.66		
15	64QAM	1	74	21.45	21.53	21.50		
15	64QAM	36	0	20.24	20.30	20.42	21.3	3
15	64QAM	36	20	20.21	20.36	20.44		
15	64QAM	36	39	20.32	20.37	20.43		
15	64QAM	75	0	20.21	20.39	20.36		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.30	23.46	23.44	24.3	0
10	QPSK	1	25	23.16	23.44	23.42		
10	QPSK	1	49	23.20	23.31	23.34		
10	QPSK	25	0	22.34	22.54	22.46	23.3	1
10	QPSK	25	12	22.26	22.37	22.42		
10	QPSK	25	25	22.27	22.36	22.37		
10	QPSK	50	0	22.23	22.41	22.44		
10	16QAM	1	0	22.42	22.56	22.65	23.3	1
10	16QAM	1	25	22.52	22.69	22.66		
10	16QAM	1	49	22.48	22.61	22.58		
10	16QAM	25	0	21.32	21.32	21.50	22.3	2
10	16QAM	25	12	21.32	21.40	21.51		
10	16QAM	25	25	21.30	21.35	21.47		
10	16QAM	50	0	21.31	21.30	21.46		
10	64QAM	1	0	21.36	21.48	21.68	22.3	2
10	64QAM	1	25	21.42	21.66	21.61		
10	64QAM	1	49	21.42	21.52	21.59		
10	64QAM	25	0	20.23	20.33	20.45	21.3	3
10	64QAM	25	12	20.26	20.45	20.48		
10	64QAM	25	25	20.28	20.39	20.43		
10	64QAM	50	0	20.31	20.34	20.44		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.38	23.46	23.48	24.3	0
5	QPSK	1	12	23.17	23.39	23.38		
5	QPSK	1	24	23.21	23.29	23.28		
5	QPSK	12	0	22.45	22.44	22.47	23.3	1
5	QPSK	12	7	22.26	22.39	22.45		
5	QPSK	12	13	22.24	22.36	22.45		
5	QPSK	25	0	22.25	22.42	22.44		
5	16QAM	1	0	22.41	22.54	22.62	23.3	1
5	16QAM	1	12	22.44	22.65	22.70		
5	16QAM	1	24	22.46	22.54	22.59		
5	16QAM	12	0	21.28	21.29	21.47	22.3	2
5	16QAM	12	7	21.31	21.41	21.47		
5	16QAM	12	13	21.29	21.37	21.47		
5	16QAM	25	0	21.33	21.30	21.41		
5	64QAM	1	0	21.41	21.49	21.62	22.3	2
5	64QAM	1	12	21.46	21.66	21.67		
5	64QAM	1	24	21.49	21.53	21.53		
5	64QAM	12	0	20.29	20.37	20.47	21.3	3
5	64QAM	12	7	20.24	20.42	20.52		
5	64QAM	12	13	20.30	20.39	20.47		
5	64QAM	25	0	20.21	20.35	20.39		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.37	23.54	23.41	24.3	0
3	QPSK	1	8	23.20	23.44	23.40		
3	QPSK	1	14	23.25	23.27

Band 5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.80	23.88	23.84	24.8	0
10	QPSK	1	25	23.74	23.79	23.76		
10	QPSK	1	49	23.74	23.81	23.74		
10	QPSK	25	0	22.78	22.85	22.82	23.8	1
10	QPSK	25	12	22.77	22.78	22.79		
10	QPSK	25	25	22.76	22.78	22.78		
10	QPSK	50	0	22.75	22.78	22.77		
10	16QAM	1	0	22.84	23.00	23.03	23.8	1
10	16QAM	1	25	22.99	23.03	22.96		
10	16QAM	1	49	22.97	23.04	22.96		
10	16QAM	25	0	21.79	21.81	21.85	22.8	2
10	16QAM	25	12	21.83	21.82	21.82		
10	16QAM	25	25	21.84	21.79	21.78		
10	16QAM	50	0	21.80	21.81	21.83		
10	64QAM	1	0	21.82	21.96	22.01	22.8	2
10	64QAM	1	25	21.97	21.98	21.97		
10	64QAM	1	49	22.02	21.94	21.95		
10	64QAM	25	0	20.79	20.80	20.84	21.8	3
10	64QAM	25	12	20.81	20.81	20.82		
10	64QAM	25	25	20.83	20.78	20.77		
10	64QAM	50	0	20.79	20.78	20.81		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.73	23.78	23.72	24.8	0
5	QPSK	1	12	23.62	23.68	23.60		
5	QPSK	1	24	23.63	23.76	23.63		
5	QPSK	12	0	22.68	22.77	22.75	23.8	1
5	QPSK	12	7	22.65	22.66	22.72		
5	QPSK	12	13	22.64	22.65	22.65		
5	QPSK	25	0	22.66	22.67	22.68		
5	16QAM	1	0	22.75	22.95	22.97	23.8	1
5	16QAM	1	12	22.92	22.92	22.82		
5	16QAM	1	24	22.89	22.88	22.85		
5	16QAM	12	0	21.71	21.69	21.74	22.8	2
5	16QAM	12	7	21.81	21.66	21.70		
5	16QAM	12	13	21.79	21.71	21.63		
5	16QAM	25	0	21.73	21.75	21.67		
5	64QAM	1	0	21.67	21.82	21.91	22.8	2
5	64QAM	1	12	21.88	21.91	21.92		
5	64QAM	1	24	21.88	21.81	21.81		
5	64QAM	12	0	20.68	20.71	20.77	21.8	3
5	64QAM	12	7	20.67	20.69	20.68		
5	64QAM	12	13	20.75	20.71	20.64		
5	64QAM	25	0	20.74	20.63	20.70		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.73	23.73	23.70	24.8	0
3	QPSK	1	8	23.68	23.73	23.63		
3	QPSK	1	14	23.62	23.70	23.62		
3	QPSK	8	0	22.72	22.80	22.72	23.8	1
3	QPSK	8	4	22.67	22.71	22.65		
3	QPSK	8	7	22.61	22.70	22.62		
3	QPSK	15	0	22.69	22.70	22.62		
3	16QAM	1	0	22.71	22.89	22.94	23.8	1
3	16QAM	1	8	22.86	22.88	22.89		
3	16QAM	1	14	22.88	22.90	22.85		
3	16QAM	8	0	21.76	21.75	21.74	22.8	2
3	16QAM	8	4	21.78	21.73	21.75		
3	16QAM	8	7	21.78	21.71	21.67		
3	16QAM	15	0	21.74	21.72	21.68		
3	64QAM	1	0	21.72	21.85	21.91	22.8	2
3	64QAM	1	8	21.83	21.86	21.87		
3	64QAM	1	14	21.97	21.85	21.81		
3	64QAM	8	0	20.69	20.73	20.68	21.8	3
3	64QAM	8	4	20.65	20.68	20.67		
3	64QAM	8	7	20.72	20.72	20.71		
3	64QAM	15	0	20.73	20.72	20.66		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.70	23.73	23.76	24.8	0
1.4	QPSK	1	3	23.68	23.63	23.63		
1.4	QPSK	1	5	23.68	23.71	23.65		
1.4	QPSK	3	0	23.69	23.76	23.72		
1.4	QPSK	3	1	23.63	23.68	23.63		
1.4	QPSK	3	3	23.63	23.71	23.69		
1.4	QPSK	6	0	22.63	22.74	22.66	23.8	1
1.4	16QAM	1	0	22.64	22.65	22.71	23.8	1
1.4	16QAM	1	3	22.63	22.66	22.73		
1.4	16QAM	1	5	22.60	22.70	22.70		
1.4	16QAM	3	0	22.79	22.85	22.91		
1.4	16QAM	3	1	22.84	22.90	22.84		
1.4	16QAM	3	3	22.86	22.92	22.85		
1.4	16QAM	6	0	21.71	21.70	21.77	22.8	2
1.4	64QAM	1	0	21.77	21.74	21.73	22.8	2
1.4	64QAM	1	3	21.81	21.66	21.65		
1.4	64QAM	1	5	21.72	21.67	21.69		
1.4	64QAM	3	0	21.66	21.86	21.95		
1.4	64QAM	3	1	21.91	21.84	21.84		
1.4	64QAM	3	3	21.89	21.89	21.88		
1.4	64QAM	6	0	20.63	20.64	20.75	21.8	3

Band 5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	19.04	19.10	18.92	19.8	0
10	QPSK	1	25	18.95	18.95	18.90		
10	QPSK	1	49	18.92	18.95	18.91		
10	QPSK	25	0	18.95	19.08	18.93	19.8	0
10	QPSK	25	12	18.87	19.07	18.92		
10	QPSK	25	25	18.94	18.86	18.90		
10	QPSK	50	0	18.97	18.99	18.97		
10	16QAM	1	0	19.00	18.93	18.89	19.8	0
10	16QAM	1	25	18.91	18.97	18.87		
10	16QAM	1	49	18.97	18.92	18.88		
10	16QAM	25	0	18.92	18.88	18.91	19.8	0
10	16QAM	25	12	18.98	19.02	18.88		
10	16QAM	25	25	19.02	18.94	18.87		
10	16QAM	50	0	18.90	18.93	18.92		
10	64QAM	1	0	18.86	19.07	18.90	19.8	0
10	64QAM	1	25	19.05	19.05	18.94		
10	64QAM	1	49	19.00	18.89	18.88		
10	64QAM	25	0	18.98	18.89	18.83	19.8	0
10	64QAM	25	12	18.99	18.90	18.80		
10	64QAM	25	25	18.89	18.97	18.93		
10	64QAM	50	0	18.89	19.02	18.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	18.96	19.00	18.90	19.8	0
5	QPSK	1	12	18.88	18.82	18.89		
5	QPSK	1	24	18.93	18.98	18.85		
5	QPSK	12	0	18.95	18.94	18.88	19.8	0
5	QPSK	12	7	18.83	18.92	18.94		
5	QPSK	12	13	18.93	18.86	18.97		
5	QPSK	25	0	18.93	18.99	18.80		
5	16QAM	1	0	18.93	18.84	18.86	19.8	0
5	16QAM	1	12	18.97	18.95	18.77		
5	16QAM	1	24	18.93	18.89	18.91		
5	16QAM	12	0	18.89	18.86	18.84	19.8	0
5	16QAM	12	7	18.96	18.96	18.82		
5	16QAM	12	13	18.91	18.94	18.76		
5	16QAM	25	0	18.88	18.97	18.83		
5	64QAM	1	0	18.83	19.03	18.84	19.8	0
5	64QAM	1	12	19.00	18.96	18.83		
5	64QAM	1	24	18.91	18.93	18.84		
5	64QAM	12	0	18.87	18.87	18.78	19.8	0
5	64QAM	12	7	18.92	18.81	18.79		
5	64QAM	12	13	18.90	18.90	18.89		
5	64QAM	25	0	18.77	18.99	18.89		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	18.87	18.95	18.96	19.8	0
3	QPSK	1	8	18.91	18.93	18.93		
3	QPSK	1	14	18.94	18.92	18.97		
3	QPSK	8	0	18.95	18.94	18.96	19.8	0
3	QPSK	8	4	18.87	18.95	18.87		
3	QPSK	8	7	18.81	18.87	18.90		
3	QPSK	15	0	18.88	18.87	18.84		
3	16QAM	1	0	18.93	18.93	18.90	19.8	0
3	16QAM	1	8	18.96	18.94	18.88		
3	16QAM	1	14	18.92	18.89	18.89		
3	16QAM	8	0	18.96	18.93	18.79	19.8	0
3	16QAM	8	4	18.87	19.02	18.82		
3	16QAM	8	7	18.90	18.93	18.78		
3	16QAM	15	0	18.87	18.93	18.94		
3	64QAM	1	0	18.87	18.96	18.86	19.8	0
3	64QAM	1	8	18.89	18.94	18.80		
3	64QAM	1	14	19.02	18.93	18.80		
3	64QAM	8	0	18.87	18.91	18.86	19.8	0
3	64QAM	8	4	18.89	18.85	18.81		
3	64QAM	8	7	18.89	18.93	18.82		
3	64QAM	15	0	18.89	18.94	18.87		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	18.91	19.05	18.97	19.8	0
1.4	QPSK	1	3	18.93	18.83	18.87		
1.4	QPSK	1	5	18.96	18.98	18.85		
1.4	QPSK	3	0	18.98	18.98	18.90		
1.4	QPSK	3	1	18.92	18.98	18.93		
1.4	QPSK	3	3	18.83	18.82	18.97		
1.4	QPSK	6	0	18.90	18.94	18.92	19.8	0
1.4	16QAM	1	0	18.92	18.81	18.94	19.8	0
1.4	16QAM	1	3	18.92	18.97	18.87		
1.4	16QAM	1	5	18.89	18.82	18.89		
1.4	16QAM	3	0	18.94	18.80	18.81		
1.4	16QAM	3	1	18.94	18.91	18.83		
1.4	16QAM	3	3	18.97	18.87	18.84		
1.4	16QAM	6	0	18.84	18.93	18.87	19.8	0
1.4	64QAM	1	0	18.87	18.93	18.82	19.8	0
1.4	64QAM	1	3	18.91	18.95	18.80		
1.4	64QAM	1	5	18.99	18.92	18.83		
1.4	64QAM	3	0	18.88	18.90	18.81		
1.4	64QAM	3	1	18.88	18.85	18.77		
1.4	64QAM	3	3	18.83	18.88	18.83		
1.4	64QAM	6	0	18.86	19.03	18.90	19.8	0

Band 7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.44	24.50	24.46	24.8	0
20	QPSK	1	49	24.32	24.48	24.43		
20	QPSK	1	99	24.38	24.41	24.43		
20	QPSK	50	0	23.35	23.45	23.43	23.8	1
20	QPSK	50	24	23.28	23.43	23.40		
20	QPSK	50	50	23.32	23.44	23.41		
20	QPSK	100	0	23.25	23.47	23.46		
20	16QAM	1	0	23.41	23.66	23.59	23.8	1
20	16QAM	1	49	23.56	23.72	23.76		
20	16QAM	1	99	23.64	23.68	23.65		
20	16QAM	50	0	22.19	22.38	22.40	22.8	2
20	16QAM	50	24	22.25	22.40	22.46		
20	16QAM	50	50	22.32	22.42	22.51		
20	16QAM	100	0	22.23	22.40	22.46		
20	64QAM	1	0	22.24	22.47	22.41	22.8	2
20	64QAM	1	49	22.41	22.56	22.60		
20	64QAM	1	99	22.47	22.47	22.68		
20	64QAM	50	0	21.22	21.39	21.43	21.8	3
20	64QAM	50	24	21.30	21.44	21.49		
20	64QAM	50	50	21.34	21.44	21.54		
20	64QAM	100	0	21.26	21.43	21.47		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.28	24.37	24.36	24.8	0
15	QPSK	1	37	24.23	24.41	24.33		
15	QPSK	1	74	24.29	24.26	24.34		
15	QPSK	36	0	23.27	23.29	23.38	23.8	1
15	QPSK	36	20	23.23	23.32	23.32		
15	QPSK	36	39	23.20	23.30	23.29		
15	QPSK	75	0	23.17	23.40	23.35		
15	16QAM	1	0	23.33	23.56	23.46	23.8	1
15	16QAM	1	37	23.47	23.57	23.63		
15	16QAM	1	74	23.51	23.60	23.50		
15	16QAM	36	0	22.11	22.25	22.28	22.8	2
15	16QAM	36	20	22.17	22.27	22.37		
15	16QAM	36	39	22.25	22.28	22.35		
15	16QAM	75	0	22.21	22.34	22.38		
15	64QAM	1	0	22.11	22.32	22.25	22.8	2
15	64QAM	1	37	22.26	22.42	22.47		
15	64QAM	1	74	22.37	22.41	22.56		
15	64QAM	36	0	21.08	21.30	21.27	21.8	3
15	64QAM	36	20	21.24	21.30	21.43		
15	64QAM	36	39	21.24	21.36	21.40		
15	64QAM	75	0	21.12	21.28	21.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.32	24.35	24.34	24.8	0
10	QPSK	1	25	24.20	24.35	24.29		
10	QPSK	1	49	24.28	24.33	24.38		
10	QPSK	25	0	23.29	23.35	23.31	23.8	1
10	QPSK	25	12	23.18	23.29	23.33		
10	QPSK	25	25	23.22	23.39	23.26		
10	QPSK	50	0	23.14	23.36	23.33		
10	16QAM	1	0	23.27	23.53	23.54	23.8	1
10	16QAM	1	25	23.42	23.64	23.61		
10	16QAM	1	49	23.56	23.62	23.54		
10	16QAM	25	0	22.15	22.26	22.28	22.8	2
10	16QAM	25	12	22.20	22.29	22.40		
10	16QAM	25	25	22.25	22.28	22.39		
10	16QAM	50	0	22.21	22.29	22.31		
10	64QAM	1	0	22.13	22.40	22.33	22.8	2
10	64QAM	1	25	22.32	22.46	22.52		
10	64QAM	1	49	22.35	22.41	22.61		
10	64QAM	25	0	21.13	21.24	21.36	21.8	3
10	64QAM	25	12	21.20	21.34	21.36		
10	64QAM	25	25	21.29	21.31	21.45		
10	64QAM	50	0	21.14	21.27	21.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.33	24.40	24.37	24.8	0
5	QPSK	1	12	24.18	24.40	24.27		
5	QPSK	1	24	24.27	24.27	24.38		
5	QPSK	12	0	23.29	23.31	23.35	23.8	1
5	QPSK	12	7	23.21	23.27	23.30		
5	QPSK	12	13	23.25	23.35	23.28		
5	QPSK	25	0	23.13	23.42	23.34		
5	16QAM	1	0	23.27	23.56	23.48	23.8	1
5	16QAM	1	12	23.44	23.58	23.66		
5	16QAM	1	24	23.49	23.58	23.52		
5	16QAM	12	0	22.12	22.33	22.24	22.8	2
5	16QAM	12	7	22.22	22.31	22.33		
5	16QAM	12	13	22.26	22.30	22.43		
5	16QAM	25	0	22.21	22.34	22.40		
5	64QAM	1	0	22.14	22.34	22.27	22.8	2
5	64QAM	1	12	22.32	22.44	22.45		
5	64QAM	1	24	22.36	22.40	22.57		
5	64QAM	12	0	21.06	21.32	21.33	21.8	3
5	64QAM	12	7	21.18	21.39	21.35		
5	64QAM	12	13	21.22	21.39	21.39		
5	64QAM	25	0	21.17	21.36	21.34		

Band 7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	12.54	12.66	12.54	13.3	0
20	QPSK	1	49	12.43	12.41	12.39		
20	QPSK	1	99	12.46	12.61	12.41		
20	QPSK	50	0	12.50	12.64	12.57	13.3	0
20	QPSK	50	24	12.49	12.52	12.38		
20	QPSK	50	50	12.41	12.49	12.43		
20	QPSK	100	0	12.52	12.56	12.42		
20	16QAM	1	0	12.50	12.52	12.44	13.3	0
20	16QAM	1	49	12.40	12.46	12.43		
20	16QAM	1	99	12.49	12.45	12.35		
20	16QAM	50	0	12.39	12.54	12.44	13.3	0
20	16QAM	50	24	12.36	12.45	12.39		
20	16QAM	50	50	12.50	12.47	12.52		
20	16QAM	100	0	12.57	12.47	12.49		
20	64QAM	1	0	12.46	12.38	12.45	13.3	0
20	64QAM	1	49	12.45	12.45	12.35		
20	64QAM	1	99	12.40	12.44	12.38		
20	64QAM	50	0	12.39	12.48	12.38	13.3	0
20	64QAM	50	24	12.56	12.46	12.46		
20	64QAM	50	50	12.52	12.37	12.35		
20	64QAM	100	0	12.39	12.44	12.45		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	12.44	12.58	12.45	13.3	0
15	QPSK	1	37	12.31	12.30	12.37		
15	QPSK	1	74	12.24	12.42	12.31		
15	QPSK	36	0	12.43	12.45	12.37	13.3	0
15	QPSK	36	20	12.35	12.35	12.40		
15	QPSK	36	39	12.33	12.27	12.34		
15	QPSK	75	0	12.32	12.50	12.31		
15	16QAM	1	0	12.32	12.47	12.30	13.3	0
15	16QAM	1	37	12.33	12.28	12.38		
15	16QAM	1	74	12.45	12.28	12.28		
15	16QAM	36	0	12.34	12.46	12.36	13.3	0
15	16QAM	36	20	12.34	12.35	12.35		
15	16QAM	36	39	12.27	12.25	12.32		
15	16QAM	75	0	12.37	12.48	12.36		
15	64QAM	1	0	12.31	12.31	12.22	13.3	0
15	64QAM	1	37	12.30	12.37	12.37		
15	64QAM	1	74	12.39	12.29	12.22		
15	64QAM	36	0	12.31	12.38	12.37	13.3	0
15	64QAM	36	20	12.41	12.35	12.30		
15	64QAM	36	39	12.47	12.34	12.33		
15	64QAM	75	0	12.31	12.45	12.30		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	12.44	12.46	12.47	13.3	0
10	QPSK	1	25	12.44	12.28	12.31		
10	QPSK	1	49	12.24	12.46	12.36		
10	QPSK	25	0	12.43	12.50	12.34	13.3	0
10	QPSK	25	12	12.37	12.36	12.34		
10	QPSK	25	25	12.42	12.36	12.28		
10	QPSK	50	0	12.38	12.44	12.34		
10	16QAM	1	0	12.41	12.36	12.23	13.3	0
10	16QAM	1	25	12.32	12.28	12.30		
10	16QAM	1	49	12.41	12.33	12.27		
10	16QAM	25	0	12.30	12.49	12.24	13.3	0
10	16QAM	25	12	12.29	12.33	12.29		
10	16QAM	25	25	12.38	12.31	12.41		
10	16QAM	50	0	12.36	12.47	12.32		
10	64QAM	1	0	12.37	12.30	12.31	13.3	0
10	64QAM	1	25	12.30	12.32	12.25		
10	64QAM	1	49	12.34	12.38	12.22		
10	64QAM	25	0	12.31	12.27	12.30	13.3	0
10	64QAM	25	12	12.37	12.36	12.32		
10	64QAM	25	25	12.42	12.33	12.32		
10	64QAM	50	0	12.34	12.33	12.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	12.39	12.50	12.38	13.3	0
5	QPSK	1	12	12.43	12.31	12.29		
5	QPSK	1	24	12.31	12.46	12.30		
5	QPSK	12	0	12.42	12.52	12.46	13.3	0
5	QPSK	12	7	12.38	12.46	12.27		
5	QPSK	12	13	12.33	12.40	12.37		
5	QPSK	25	0	12.41	12.48	12.32		
5	16QAM	1	0	12.32	12.41	12.35	13.3	0
5	16QAM	1	12	12.29	12.37	12.32		
5	16QAM	1	24	12.39	12.25	12.34		
5	16QAM	12	0	12.35	12.46	12.33	13.3	0
5	16QAM	12	7	12.34	12.32	12.25		
5	16QAM	12	13	12.38	12.28	12.42		
5	16QAM	25	0	12.42	12.38	12.43		
5	64QAM	1	0	12.39	12.27	12.30	13.3	0
5	64QAM	1	12	12.34	12.32	12.29		
5	64QAM	1	24	12.28	12.39	12.34		
5	64QAM	12	0	12.28	12.35	12.28	13.3	0
5	64QAM	12	7	12.39	12.39	12.37		
5	64QAM	12	13	12.39	12.26	12.33		
5	64QAM	25	0	12.26	12.35	12.33		

Band 7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.02	21.10	21.04	22.1	0
20	QPSK	1	49	20.92	20.94	21.03		
20	QPSK	1	99	20.99	20.96	21.02		
20	QPSK	50	0	21.05	21.06	21.03	22.1	0
20	QPSK	50	24	21.00	21.00	21.02		
20	QPSK	50	50	20.92	20.93	21.01		
20	QPSK	100	0	21.02	21.05	21.00		
20	16QAM	1	0	20.97	20.89	20.98	22.1	0
20	16QAM	1	49	20.94	20.94	21.00		
20	16QAM	1	99	20.92	20.94	21.09		
20	16QAM	50	0	21.01	20.96	21.07	22.1	0
20	16QAM	50	24	21.04	20.95	20.97		
20	16QAM	50	50	21.00	20.89	21.00		
20	16QAM	100	0	20.92	20.92	20.97		
20	64QAM	1	0	20.92	20.91	21.00	22.1	0
20	64QAM	1	49	20.93	20.98	21.08		
20	64QAM	1	99	20.96	20.94	21.04		
20	64QAM	50	0	20.20	20.14	20.24	21.1	1
20	64QAM	50	24	20.26	20.16	20.27		
20	64QAM	50	50	20.23	20.20	20.34		
20	64QAM	100	0	20.20	20.19	20.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.96	20.89	21.04	22.1	0
15	QPSK	1	37	20.92	20.96	20.96		
15	QPSK	1	74	21.04	20.93	20.96		
15	QPSK	36	0	21.00	20.89	21.01	22.1	0
15	QPSK	36	20	20.96	20.97	21.08		
15	QPSK	36	39	21.02	20.89	21.07		
15	QPSK	75	0	20.97	20.90	21.07		
15	16QAM	1	0	20.94	20.99	20.99	22.1	0
15	16QAM	1	37	20.96	20.88	20.97		
15	16QAM	1	74	20.92	20.88	21.04		
15	16QAM	36	0	20.95	20.94	21.02	22.1	0
15	16QAM	36	20	21.01	20.90	21.07		
15	16QAM	36	39	20.93	20.91	20.99		
15	16QAM	75	0	21.03	20.89	20.99		
15	64QAM	1	0	21.05	20.96	21.02	22.1	0
15	64QAM	1	37	20.98	20.98	20.97		
15	64QAM	1	74	20.97	20.87	21.08		
15	64QAM	36	0	20.05	20.01	20.08	21.1	1
15	64QAM	36	20	20.15	20.05	20.20		
15	64QAM	36	39	20.07	20.12	20.21		
15	64QAM	75	0	20.13	20.05	20.13		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.04	20.97	21.06	22.1	0
10	QPSK	1	25	20.96	20.95	21.04		
10	QPSK	1	49	21.02	20.99	20.98		
10	QPSK	25	0	20.99	20.97	20.96	22.1	0
10	QPSK	25	12	21.05	20.92	21.07		
10	QPSK	25	25	21.03	20.92	20.97		
10	QPSK	50	0	20.92	20.93	20.98		
10	16QAM	1	0	21.04	20.95	21.06	22.1	0
10	16QAM	1	25	20.97	20.94	21.04		
10	16QAM	1	49	20.99	20.96	21.06		
10	16QAM	25	0	21.01	20.89	21.09	22.1	0
10	16QAM	25	12	21.00	20.88	20.99		
10	16QAM	25	25	20.99	20.93	21.05		
10	16QAM	50	0	21.05	20.89	21.04		
10	64QAM	1	0	20.98	20.96	21.03	22.1	0
10	64QAM	1	25	21.05	20.93	21.01		
10	64QAM	1	49	20.93	20.97	21.02		
10	64QAM	25	0	20.04	20.02	20.18	21.1	1
10	64QAM	25	12	20.16	20.09	20.19		
10	64QAM	25	25	20.10	20.05	20.29		
10	64QAM	50	0	20.07	20.05	20.20		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.03	20.97	21.00	22.1	0
5	QPSK	1	12	21.05	20.93	21.03		
5	QPSK	1	24	21.04	20.97	21.06		
5	QPSK	12	0	20.93	20.94	21.08	22.1	0
5	QPSK	12	7	20.99	20.91	20.99		
5	QPSK	12	13	20.99	20.91	20.98		
5	QPSK	25	0	20.96	20.91	21.04		
5	16QAM	1	0	20.99	20.94	21.06	22.1	0
5	16QAM	1	12	20.96	20.96	21.05		
5	16QAM	1	24	21.00	20.89	21.08		
5	16QAM	12	0	21.05	20.96	21.08	22.1	0
5	16QAM	12	7	21.05	20.94	21.00		
5	16QAM	12	13	21.01	20.97	20.98		
5	16QAM	25	0	21.01	20.94	21.06		
5	64QAM	1	0	20.97	20.88	21.00	22.1	0
5	64QAM	1	12	21.02	20.93	21.00		
5	64QAM	1	24	20.97	20.99	21.04		
5	64QAM	12	0	20.09	20.09	20.10	21.1	1
5	64QAM	12	7	20.21	20.10	20.16		
5	64QAM	12	13	20.14	20.08	20.29		
5	64QAM	25	0	20.07	20.12	20.23		

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BW [MHz]	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	23.85	23.90	23.86	24.8	0
10	QPSK	1	25	23.73	23.80	23.78		
10	QPSK	1	49	23.80	23.84	23.85		
10	QPSK	25	0	22.87	22.90	22.89	23.8	1
10	QPSK	25	12	22.83	22.83	22.84		
10	QPSK	25	25	22.85	22.84	22.87		
10	QPSK	50	0	22.80	22.84	22.83		
10	16QAM	1	0	23.02	22.97	23.07	23.8	1
10	16QAM	1	25	23.03	23.10	23.06		
10	16QAM	1	49	23.17	23.12	23.07		
10	16QAM	25	0	21.72	21.78	21.79	22.8	2
10	16QAM	25	12	21.80	21.80	21.82		
10	16QAM	25	25	21.83	21.81	21.84		
10	16QAM	50	0	21.79	21.83	21.82		
10	64QAM	1	0	21.89	21.89	21.98	22.8	2
10	64QAM	1	25	21.89	22.00	21.97		
10	64QAM	1	49	22.03	22.04	22.00		
10	64QAM	25	0	20.70	20.78	20.77	21.8	3
10	64QAM	25	12	20.79	20.80	20.80		
10	64QAM	25	25	20.82	20.82	20.84		
10	64QAM	50	0	20.78	20.79	20.82		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.73	23.79	23.81	24.8	0
5	QPSK	1	12	23.65	23.71	23.72		
5	QPSK	1	24	23.73	23.77	23.73		
5	QPSK	12	0	22.82	22.74	22.76	23.8	1
5	QPSK	12	7	22.74	22.77	22.78		
5	QPSK	12	13	22.78	22.77	22.74		
5	QPSK	25	0	22.65	22.72	22.77		
5	16QAM	1	0	22.96	22.82	22.96	23.8	1
5	16QAM	1	12	22.91	22.94	23.00		
5	16QAM	1	24	23.06	22.99	22.94		
5	16QAM	12	0	21.70	21.69	21.71	22.8	2
5	16QAM	12	7	21.75	21.67	21.76		
5	16QAM	12	13	21.75	21.75	21.76		
5	16QAM	25	0	21.77	21.71	21.74		
5	64QAM	1	0	21.84	21.84	21.91	22.8	2
5	64QAM	1	12	21.80	21.91	21.82		
5	64QAM	1	24	21.87	21.96	21.92		
5	64QAM	12	0	20.64	20.67	20.68	21.8	3
5	64QAM	12	7	20.64	20.71	20.69		
5	64QAM	12	13	20.73	20.68	20.79		
5	64QAM	25	0	20.69	20.64	20.76		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.77	23.81	23.76	24.8	0
3	QPSK	1	8	23.61	23.72	23.71		
3	QPSK	1	14	23.69	23.70	23.74		
3	QPSK	8	0	22.74	22.74	22.77	23.8	1
3	QPSK	8	4	22.71	22.72	22.77		
3	QPSK	8	7	22.73	22.76	22.72		
3	QPSK	15	0	22.67	22.78	22.67		
3	16QAM	1	0	22.90	22.89	22.92	23.8	1
3	16QAM	1	8	22.95	23.03	23.01		
3	16QAM	1	14	23.06	23.00	23.01		
3	16QAM	8	0	21.66	21.69	21.64	22.8	2
3	16QAM	8	4	21.72	21.68	21.74		
3	16QAM	8	7	21.76	21.68	21.73		
3	16QAM	15	0	21.73	21.69	21.75		
3	64QAM	1	0	21.74	21.76	21.86	22.8	2
3	64QAM	1	8	21.78	21.87	21.90		
3	64QAM	1	14	21.90	21.89	21.89		
3	64QAM	8	0	20.61	20.62	20.62	21.8	3
3	64QAM	8	4	20.64	20.71	20.72		
3	64QAM	8	7	20.72	20.72	20.70		
3	64QAM	15	0	20.71	20.65	20.77		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.78	23.76	23.79	24.8	0
1.4	QPSK	1	3	23.65	23.73	23.65		
1.4	QPSK	1	5	23.75	23.74	23.79		
1.4	QPSK	3	0	23.77	23.83	23.81		
1.4	QPSK	3	1	23.64	23.71	23.72		
1.4	QPSK	3	3	23.69	23.69	23.69		
1.4	QPSK	6	0	22.72	22.81	22.75	23.8	1
1.4	16QAM	1	0	22.76	22.77	22.69	23.8	1
1.4	16QAM	1	3	22.74	22.77	22.75		
1.4	16QAM	1	5	22.72	22.72	22.67		
1.4	16QAM	3	0	22.86	22.82	23.01		
1.4	16QAM	3	1	22.96	23.02	22.97		
1.4	16QAM	3	3	23.12	22.98	22.98		
1.4	16QAM	6	0	21.68	21.62	21.63	22.8	2
1.4	64QAM	1	0	21.73	21.69	21.67	22.8	2
1.4	64QAM	1	3	21.81	21.66	21.78		
1.4	64QAM	1	5	21.73	21.76	21.75		
1.4	64QAM	3	0	21.74	21.80	21.89		
1.4	64QAM	3	1	21.79	21.90	21.87		
1.4	64QAM	3	3	21.94	21.91	21.84		
1.4	64QAM	6	0	20.59	20.64	20.62	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	20.92	21.15	21.03	21.8	0
10	QPSK	1	25	20.71	20.83	20.95		
10	QPSK	1	49	20.90	20.78	20.84		
10	QPSK	25	0	21.06	21.08	20.94	21.8	0
10	QPSK	25	12	20.84	20.82	20.81		
10	QPSK	25	25	20.81	20.86	20.93		
10	QPSK	50	0	20.88	20.98	20.92		
10	16QAM	1	0	20.72	20.81	20.86	21.8	0
10	16QAM	1	25	20.91	20.79	20.80		
10	16QAM	1	49	20.77	20.77	20.91		
10	16QAM	25	0	20.94	21.01	20.95	21.8	0
10	16QAM	25	12	20.82	20.81	20.82		
10	16QAM	25	25	20.85	20.71	20.91		
10	16QAM	50	0	20.89	20.88	20.87		
10	64QAM	1	0	20.77	20.86	20.74	21.8	0
10	64QAM	1	25	20.93	20.78	20.87		
10	64QAM	1	49	20.82	20.78	20.82		
10	64QAM	25	0	20.54	20.50	20.60	21.8	0
10	64QAM	25	12	20.59	20.64	20.68		
10	64QAM	25	25	20.60	20.59	20.62		
10	64QAM	50	0	20.65	20.63	20.53		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	20.79	21.00	20.85	21.8	0
5	QPSK	1	12	20.59	20.77	20.81		
5	QPSK	1	24	20.63	20.66	20.64		
5	QPSK	12	0	20.91	20.97	20.81	21.8	0
5	QPSK	12	7	20.73	20.75	20.68		
5	QPSK	12	13	20.71	20.76	20.80		
5	QPSK	25	0	20.76	20.79	20.65		
5	16QAM	1	0	20.63	20.70	20.82	21.8	0
5	16QAM	1	12	20.78	20.68	20.69		
5	16QAM	1	24	20.70	20.73	20.78		
5	16QAM	12	0	20.68	20.86	20.79	21.8	0
5	16QAM	12	7	20.61	20.65	20.77		
5	16QAM	12	13	20.78	20.63	20.80		
5	16QAM	25	0	20.75	20.67	20.70		
5	64QAM	1	0	20.66	20.63	20.67	21.8	0
5	64QAM	1	12	20.93	20.62	20.76		
5	64QAM	1	24	20.64	20.68	20.58		
5	64QAM	12	0	20.61	20.53	20.54	21.8	0
5	64QAM	12	7	20.67	20.65	20.58		
5	64QAM	12	13	20.65	20.48	20.52		
5	64QAM	25	0	20.62	20.59	20.57		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	20.79	20.89	20.84	21.8	0
3	QPSK	1	8	20.56	20.67	20.81		
3	QPSK	1	14	20.65	20.68	20.73		
3	QPSK	8	0	20.82	20.94	20.82	21.8	0
3	QPSK	8	4	20.67	20.70	20.62		
3	QPSK	8	7	20.76	20.82	20.73		
3	QPSK	15	0	20.77	20.70	20.66		
3	16QAM	1	0	20.58	20.64	20.81	21.8	0
3	16QAM	1	8	20.85	20.68	20.71		
3	16QAM	1	14	20.67	20.72	20.73		
3	16QAM	8	0	20.76	20.93	20.82	21.8	0
3	16QAM	8	4	20.63	20.65	20.83		
3	16QAM	8	7	20.77	20.67	20.77		
3	16QAM	15	0	20.80	20.75	20.72		
3	64QAM	1	0	20.67	20.69	20.65	21.8	0
3	64QAM	1	8	20.85	20.59	20.77		
3	64QAM	1	14	20.58	20.69	20.69		
3	64QAM	8	0	20.54	20.52	20.56	21.8	0
3	64QAM	8	4	20.58	20.57	20.57		
3	64QAM	8	7	20.62	20.55	20.58		
3	64QAM	15	0	20.62	20.63	20.62		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	20.79	20.95	20.81	21.8	0
1.4	QPSK	1	3	20.66	20.73	20.76		
1.4	QPSK	1	5	20.69	20.67	20.69		
1.4	QPSK	3	0	20.88	21.00	20.82		
1.4	QPSK	3	1	20.76	20.68	20.64		
1.4	QPSK	3	3	20.75	20.70	20.85		
1.4	QPSK	6	0	20.74	20.66	20.74	21.8	0
1.4	16QAM	1	0	20.56	20.65	20.83	21.8	0
1.4	16QAM	1	3	20.78	20.59	20.67		
1.4	16QAM	1	5	20.74	20.67	20.80		
1.4	16QAM	3	0	20.80	20.84	20.82		
1.4	16QAM	3	1	20.67	20.65	20.82		
1.4	16QAM	3	3	20.79	20.66	20.80		
1.4	16QAM	6	0	20.72	20.78	20.79	21.8	0
1.4	64QAM	1	0	20.73	20.66	20.69	21.8	0
1.4	64QAM	1	3	20.84	20.68	20.81		
1.4	64QAM	1	5	20.67	20.69	20.64		
1.4	64QAM	3	0	20.52	20.54	20.48		
1.4	64QAM	3	1	20.64	20.59	20.67		
1.4	64QAM	3	3	20.69	20.56	20.52		
1.4	64QAM	6	0	20.63	20.54	20.57	21.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.98		24.8	0
10	QPSK	1	25		23.94			
10	QPSK	1	49		23.90			
10	QPSK	25	0		22.97		23.8	1
10	QPSK	25	12		22.89			
10	QPSK	25	25		22.92			
10	QPSK	50	0		22.90			
10	16QAM	1	0		23.10		23.8	1
10	16QAM	1	25		23.15			
10	16QAM	1	49		23.13			
10	16QAM	25	0		21.93		22.8	2
10	16QAM	25	12		21.91			
10	16QAM	25	25		21.96			
10	16QAM	50	0		21.94			
10	64QAM	1	0		22.07		22.8	2
10	64QAM	1	25		22.07			
10	64QAM	1	49		22.12			
10	64QAM	25	0		20.91		21.8	3
10	64QAM	25	12		20.90			
10	64QAM	25	25		20.94			
10	64QAM	50	0		20.93			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.83	23.89	23.89	24.8	0
5	QPSK	1	12	23.86	23.84	23.89		
5	QPSK	1	24	23.80	23.74	23.85		
5	QPSK	12	0	22.88	22.83	22.83	23.8	1
5	QPSK	12	7	22.77	22.77	22.76		
5	QPSK	12	13	22.87	22.79	22.83		
5	QPSK	25	0	22.81	22.80	22.82		
5	16QAM	1	0	22.96	23.01	23.01	23.8	1
5	16QAM	1	12	23.08	23.03	23.04		
5	16QAM	1	24	23.05	23.07	23.08		
5	16QAM	12	0	21.90	21.77	21.84	22.8	2
5	16QAM	12	7	21.83	21.79	21.82		
5	16QAM	12	13	21.92	21.81	21.87		
5	16QAM	25	0	21.89	21.85	21.88		
5	64QAM	1	0	22.02	22.00	22.00	22.8	2
5	64QAM	1	12	22.02	21.98	21.96		
5	64QAM	1	24	22.02	21.99	21.97		
5	64QAM	12	0	20.80	20.84	20.76	21.8	3
5	64QAM	12	7	20.85	20.74	20.81		
5	64QAM	12	13	20.78	20.84	20.79		
5	64QAM	25	0	20.88	20.84	20.79		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		20.99		21.8	0
10	QPSK	1	25		20.68			
10	QPSK	1	49		20.59			
10	QPSK	25	0		20.96		21.8	0
10	QPSK	25	12		20.72			
10	QPSK	25	25		20.82			
10	QPSK	50	0		20.75			
10	16QAM	1	0		20.61		21.8	0
10	16QAM	1	25		20.65			
10	16QAM	1	49		20.69			
10	16QAM	25	0		20.90		21.8	0
10	16QAM	25	12		20.61			
10	16QAM	25	25		20.69			
10	16QAM	50	0		20.72			
10	64QAM	1	0		20.71		21.8	0
10	64QAM	1	25		20.64			
10	64QAM	1	49		20.62			
10	64QAM	25	0		20.48		21.8	0
10	64QAM	25	12		20.60			
10	64QAM	25	25		20.52			
10	64QAM	50	0		20.61			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	20.91	20.93	20.88	21.8	0
5	QPSK	1	12	20.68	20.71	20.80		
5	QPSK	1	24	20.71	20.58	20.77		
5	QPSK	12	0	20.85	20.90	20.72	21.8	0
5	QPSK	12	7	20.65	20.70	20.60		
5	QPSK	12	13	20.67	20.78	20.75		
5	QPSK	25	0	20.80	20.79	20.74		
5	16QAM	1	0	20.51	20.62	20.76	21.8	0
5	16QAM	1	12	20.81	20.66	20.68		
5	16QAM	1	24	20.72	20.78	20.71		
5	16QAM	12	0	20.78	20.88	20.82	21.8	0
5	16QAM	12	7	20.59	20.69	20.82		
5	16QAM	12	13	20.74	20.60	20.80		
5	16QAM	25	0	20.74	20.73	20.71		
5	64QAM	1	0	20.79	20.67	20.69	21.8	0
5	64QAM	1	12	20.93	20.68	20.75		
5	64QAM	1	24	20.67	20.71	20.70		
5	64QAM	12	0	20.54	20.52	20.60	21.8	0
5	64QAM	12	7	20.57	20.58	20.69		
5	64QAM	12	13	20.70	20.52	20.55		
5	64QAM	25	0	20.58	20.62	20.64		

Band 17_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.83	23.85	23.82	24.8	0
10	QPSK	1	25	23.68	23.78	23.76		
10	QPSK	1	49	23.82	23.81	23.81		
10	QPSK	25	0	22.83	22.85	22.82	23.8	1
10	QPSK	25	12	22.75	22.76	22.77		
10	QPSK	25	25	22.80	22.81	22.81		
10	QPSK	50	0	22.79	22.82	22.76		
10	16QAM	1	0	22.93	23.01	22.94	23.8	1
10	16QAM	1	25	23.06	23.03	23.01		
10	16QAM	1	49	23.07	23.02	22.99		
10	16QAM	25	0	21.73	21.73	21.71	22.8	2
10	16QAM	25	12	21.72	21.74	21.73		
10	16QAM	25	25	21.79	21.79	21.78		
10	16QAM	50	0	21.79	21.77	21.74		
10	64QAM	1	0	21.84	21.93	21.83	22.8	2
10	64QAM	1	25	21.96	21.96	21.93		
10	64QAM	1	49	21.98	21.97	21.93		
10	64QAM	25	0	20.72	20.70	20.69	21.8	3
10	64QAM	25	12	20.71	20.74	20.73		
10	64QAM	25	25	20.77	20.80	20.75		
10	64QAM	50	0	20.75	20.75	20.72		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.72	23.76	23.72	24.8	0
5	QPSK	1	12	23.59	23.64	23.63		
5	QPSK	1	24	23.76	23.72	23.70		
5	QPSK	12	0	22.69	22.71	22.71	23.8	1
5	QPSK	12	7	22.65	22.64	22.65		
5	QPSK	12	13	22.65	22.76	22.74		
5	QPSK	25	0	22.63	22.74	22.69		
5	16QAM	1	0	22.82	22.87	22.85	23.8	1
5	16QAM	1	12	22.97	22.98	22.91		
5	16QAM	1	24	22.93	22.88	22.83		
5	16QAM	12	0	21.70	21.57	21.55	22.8	2
5	16QAM	12	7	21.65	21.66	21.68		
5	16QAM	12	13	21.71	21.74	21.68		
5	16QAM	25	0	21.75	21.63	21.58		
5	64QAM	1	0	21.74	21.84	21.78	22.8	2
5	64QAM	1	12	21.89	21.81	21.87		
5	64QAM	1	24	21.87	21.86	21.85		
5	64QAM	12	0	20.57	20.59	20.54	21.8	3
5	64QAM	12	7	20.55	20.67	20.64		
5	64QAM	12	13	20.70	20.66	20.63		
5	64QAM	25	0	20.63	20.67	20.63		

Band 17_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	20.90	21.02	20.89	21.8	0
10	QPSK	1	25	20.62	20.76	20.77		
10	QPSK	1	49	20.62	20.61	20.75		
10	QPSK	25	0	20.82	21.00	20.84	21.8	0
10	QPSK	25	12	20.68	20.68	20.65		
10	QPSK	25	25	20.77	20.75	20.80		
10	QPSK	50	0	20.79	20.80	20.77		
10	16QAM	1	0	20.51	20.71	20.70	21.8	0
10	16QAM	1	25	20.85	20.60	20.78		
10	16QAM	1	49	20.75	20.68	20.78		
10	16QAM	25	0	20.79	20.92	20.88	21.8	0
10	16QAM	25	12	20.59	20.64	20.74		
10	16QAM	25	25	20.76	20.64	20.78		
10	16QAM	50	0	20.71	20.69	20.76		
10	64QAM	1	0	20.79	20.70	20.68	21.8	0
10	64QAM	1	25	20.85	20.62	20.74		
10	64QAM	1	49	20.64	20.64	20.60		
10	64QAM	25	0	20.54	20.59	20.55	21.8	0
10	64QAM	25	12	20.70	20.64	20.61		
10	64QAM	25	25	20.73	20.56	20.58		
10	64QAM	50	0	20.65	20.53	20.53		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	20.85	20.92	20.76	21.8	0
5	QPSK	1	12	20.67	20.71	20.77		
5	QPSK	1	24	20.73	20.59	20.72		
5	QPSK	12	0	20.87	20.95	20.77	21.8	0
5	QPSK	12	7	20.63	20.76	20.61		
5	QPSK	12	13	20.71	20.80	20.78		
5	QPSK	25	0	20.72	20.78	20.68		
5	16QAM	1	0	20.56	20.62	20.70	21.8	0
5	16QAM	1	12	20.78	20.57	20.71		
5	16QAM	1	24	20.63	20.69	20.79		
5	16QAM	12	0	20.76	20.85	20.90	21.8	0
5	16QAM	12	7	20.61	20.67	20.77		
5	16QAM	12	13	20.74	20.58	20.83		
5	16QAM	25	0	20.70	20.71	20.72		
5	64QAM	1	0	20.69	20.64	20.63	21.8	0
5	64QAM	1	12	20.86	20.71	20.72		
5	64QAM	1	24	20.58	20.69	20.64		
5	64QAM	12	0	20.54	20.52	20.55	21.8	0
5	64QAM	12	7	20.60	20.61	20.62		
5	64QAM	12	13	20.72	20.52	20.64		
5	64QAM	25	0	20.68	20.55	20.63		

Band 26_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.00	24.03	23.98	24.8	0
15	QPSK	1	37	23.98	23.95	23.95		
15	QPSK	1	74	23.94	23.88	23.90		
15	QPSK	36	0	22.92	22.95	22.90	23.8	1
15	QPSK	36	20	22.85	22.82	22.85		
15	QPSK	36	39	22.90	22.85	22.86		
15	QPSK	75	0	22.92	22.93	22.90		
15	16QAM	1	0	23.17	23.18	23.15	23.8	1
15	16QAM	1	37	23.19	23.19	23.17		
15	16QAM	1	74	23.21	23.11	23.13		
15	16QAM	36	0	21.93	21.95	21.91	22.8	2
15	16QAM	36	20	21.93	21.92	21.92		
15	16QAM	36	39	21.95	21.90	21.89		
15	16QAM	75	0	21.95	21.95	21.94		
15	64QAM	1	0	22.06	22.09	22.06	22.8	2
15	64QAM	1	37	22.02	22.06	22.06		
15	64QAM	1	74	22.11	22.01	22.03		
15	64QAM	36	0	20.95	20.96	20.93	21.8	3
15	64QAM	36	20	20.94	20.92	20.94		
15	64QAM	36	39	20.96	20.91	20.89		
15	64QAM	75	0	20.93	20.93	20.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.94	23.98	23.82	24.8	0
10	QPSK	1	25	23.93	23.82	23.87		
10	QPSK	1	49	23.88	23.75	23.83		
10	QPSK	25	0	22.85	22.81	22.85	23.8	1
10	QPSK	25	12	22.70	22.75	22.78		
10	QPSK	25	25	22.79	22.74	22.80		
10	QPSK	50	0	22.87	22.83	22.77		
10	16QAM	1	0	23.09	23.08	23.08	23.8	1
10	16QAM	1	25	23.10	23.08	23.01		
10	16QAM	1	49	23.11	22.99	23.05		
10	16QAM	25	0	21.88	21.81	21.81	22.8	2
10	16QAM	25	12	21.86	21.87	21.80		
10	16QAM	25	25	21.93	21.79	21.80		
10	16QAM	50	0	21.92	21.89	21.87		
10	64QAM	1	0	21.97	21.99	21.95	22.8	2
10	64QAM	1	25	21.92	21.99	21.95		
10	64QAM	1	49	21.95	21.94	21.95		
10	64QAM	25	0	20.80	20.89	20.81	21.8	3
10	64QAM	25	12	20.80	20.77	20.87		
10	64QAM	25	25	20.86	20.79	20.76		
10	64QAM	50	0	20.81	20.87	20.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.92	23.87	23.89	24.8	0
5	QPSK	1	12	23.90	23.89	23.82		
5	QPSK	1	24	23.85	23.81	23.82		
5	QPSK	12	0	22.78	22.81	22.82	23.8	1
5	QPSK	12	7	22.70	22.68	22.70		
5	QPSK	12	13	22.83	22.80	22.70		
5	QPSK	25	0	22.86	22.77	22.83		
5	16QAM	1	0	23.12	23.11	23.00	23.8	1
5	16QAM	1	12	23.03	23.11	23.05		
5	16QAM	1	24	23.06	22.97	23.01		
5	16QAM	12	0	21.85	21.83	21.76	22.8	2
5	16QAM	12	7	21.91	21.87	21.80		
5	16QAM	12	13	21.90	21.83	21.79		
5	16QAM	25	0	21.93	21.84	21.84		
5	64QAM	1	0	21.99	21.98	21.91	22.8	2
5	64QAM	1	12	21.96	21.98	21.93		
5	64QAM	1	24	21.95	21.94	21.96		
5	64QAM	12	0	20.89	20.80	20.80	21.8	3
5	64QAM	12	7	20.84	20.76	20.82		
5	64QAM	12	13	20.82	20.82	20.84		
5	64QAM	25	0	20.79	20.81	20.77		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.84	23.88	23.84	24.8	0
3	QPSK	1	8	23.92	23.82	23.81		
3	QPSK	1	14	23.89	23.72	23.83		
3	QPSK	8	0	22.80	22.88	22.77	23.8	1
3	QPSK	8	4	22.71	22.66	22.75		
3	QPSK	8	7	22.82	22.73	22.80		
3	QPSK	15	0	22.80	22.78	22.74		
3	16QAM	1	0	23.07	23.07	23.04	23.8	1
3	16QAM	1	8	23.11	23.04	23.06		
3	16QAM	1	14	23.05	22.96	23.06		
3	16QAM	8	0	21.87	21.85	21.83	22.8	2
3	16QAM	8	4	21.89	21.83	21.85		
3	16QAM	8	7	21.90	21.77	21.77		
3	16QAM	15	0	21.93	21.81	21.88		
3	64QAM	1	0	21.92	21.99	22.00	22.8	2
3	64QAM	1	8	21.86	21.94	21.98		
3	64QAM	1	14	22.02	21.89	21.98		
3	64QAM	8	0	20.90	20.87	20.78	21.8	3
3	64QAM	8	4	20.87	20.85	20.83		
3	64QAM	8	7	20.87	20.78	20.82		
3	64QAM	15	0	20.79	20.82	20.82		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.86	23.98	23.83	24.8	0
1.4	QPSK	1	3	23.90	23.88	23.87		
1.4	QPSK	1	5	23.82	23.77	23.85		
1.4	QPSK	3	0	23.85	23.87	23.89		
1.4	QPSK	3	1	23.91	23.90	23.89		
1.4	QPSK	3	3	23.83	23.83	23.83		
1.4	QPSK	6	0	22.77	22.89	22.75	23.8	1
1.4	16QAM	1	0	22.73	22.68	22.72	23.8	1
1.4	16QAM	1	3	22.77	22.77	22.70		
1.4	16QAM	1	5	22.87	22.87	22.84		
1.4	16QAM	3	0	23.11	23.10	23.10		
1.4	16QAM	3	1	23.09	23.05	23.05		
1.4	16QAM	3	3	23.16	23.04	23.04		
1.4	16QAM	6	0	21.85	21.85	21.82	22.8	2
1.4	64QAM	1	0	21.91	21.78	21.84	22.8	2
1.4	64QAM	1	3	21.93	21.75	21.75		
1.4	64QAM	1	5	21.88	21.88	21.87		
1.4	64QAM	3	0	21.98	21.94	21.98		
1.4	64QAM	3	1	21.88	21.98	21.95		
1.4	64QAM	3	3	21.99	21.93	21.87		
1.4	64QAM	6	0	20.89	20.88	20.81	21.8	3

Band 26_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	19.02	19.14	19.05	19.8	0
15	QPSK	1	37	18.81	18.86	18.86		
15	QPSK	1	74	18.95	18.88	18.88		
15	QPSK	36	0	18.84	19.01	19.00	19.8	0
15	QPSK	36	20	18.82	19.00	18.96		
15	QPSK	36	39	18.78	18.94	18.99		
15	QPSK	75	0	18.84	18.95	18.81		
15	16QAM	1	0	18.93	18.83	18.88	19.8	0
15	16QAM	1	37	18.93	18.87	18.75		
15	16QAM	1	74	18.87	18.76	19.00		
15	16QAM	36	0	18.92	18.87	18.84	19.8	0
15	16QAM	36	20	18.89	18.96	18.81		
15	16QAM	36	39	18.95	18.88	18.85		
15	16QAM	75	0	18.85	18.90	18.87		
15	64QAM	1	0	18.82	18.86	18.90	19.8	0
15	64QAM	1	37	18.89	18.92	18.85		
15	64QAM	1	74	18.91	18.85	18.69		
15	64QAM	36	0	18.91	18.81	18.81	19.8	0
15	64QAM	36	20	18.92	18.86	18.74		
15	64QAM	36	39	18.95	18.95	18.84		
15	64QAM	75	0	18.92	19.01	18.89		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	18.96	19.04	18.98	19.8	0
10	QPSK	1	25	18.78	18.72	18.83		
10	QPSK	1	49	18.84	18.81	18.73		
10	QPSK	25	0	18.85	19.00	18.91	19.8	0
10	QPSK	25	12	18.85	18.87	18.94		
10	QPSK	25	25	18.77	18.79	18.93		
10	QPSK	50	0	18.80	18.91	18.79		
10	16QAM	1	0	18.90	18.83	18.78	19.8	0
10	16QAM	1	25	18.92	18.94	18.79		
10	16QAM	1	49	18.82	18.70	18.89		
10	16QAM	25	0	18.79	18.69	18.70	19.8	0
10	16QAM	25	12	18.81	18.92	18.70		
10	16QAM	25	25	18.84	18.87	18.80		
10	16QAM	50	0	18.77	18.85	18.88		
10	64QAM	1	0	18.87	18.79	18.85	19.8	0
10	64QAM	1	25	18.82	18.87	18.83		
10	64QAM	1	49	18.88	18.82	18.65		
10	64QAM	25	0	18.85	18.66	18.79	19.8	0
10	64QAM	25	12	18.79	18.89	18.69		
10	64QAM	25	25	18.91	18.86	18.77		
10	64QAM	50	0	18.81	18.93	18.81		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	18.92	19.00	18.98	19.8	0
5	QPSK	1	12	18.77	18.81	18.84		
5	QPSK	1	24	18.87	18.78	18.75		
5	QPSK	12	0	18.84	18.90	18.96	19.8	0
5	QPSK	12	7	18.87	18.92	18.81		
5	QPSK	12	13	18.81	18.76	18.94		
5	QPSK	25	0	18.80	18.81	18.84		
5	16QAM	1	0	18.89	18.78	18.89	19.8	0
5	16QAM	1	12	18.93	18.94	18.76		
5	16QAM	1	24	18.84	18.69	18.90		
5	16QAM	12	0	18.81	18.72	18.71	19.8	0
5	16QAM	12	7	18.75	18.99	18.64		
5	16QAM	12	13	18.90	18.87	18.79		
5	16QAM	25	0	18.83	18.88	18.92		
5	64QAM	1	0	18.86	18.85	18.76	19.8	0
5	64QAM	1	12	18.81	18.94	18.75		
5	64QAM	1	24	18.94	18.81	18.66		
5	64QAM	12	0	18.83	18.78	18.75	19.8	0
5	64QAM	12	7	18.87	18.81	18.73		
5	64QAM	12	13	18.87	18.90	18.86		
5	64QAM	25	0	18.87	18.95	18.84		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	18.95	18.95	18.89	19.8	0
3	QPSK	1	8	18.81	18.68	18.84		
3	QPSK	1	14	18.97	18.77	18.82		
3	QPSK	8	0	18.77	18.94	18.90	19.8	0
3	QPSK	8	4	18.83	18.87	18.88		
3	QPSK	8	7	18.84	18.76	18.94		
3	QPSK	15	0	18.87	18.91	18.86		
3	16QAM	1	0	18.77	18.75	18.76	19.8	0
3	16QAM	1	8	18.94	18.92	18.77		
3	16QAM	1	14	18.92	18.80	18.91		
3	16QAM	8	0	18.82	18.77	18.69	19.8	0
3	16QAM	8	4	18.75	19.00	18.75		
3	16QAM	8	7	18.84	18.79	18.81		
3	16QAM	15	0	18.79	18.85	18.88		
3	64QAM	1	0	18.84	18.86	18.80	19.8	0
3	64QAM	1	8	18.75	18.91	18.72		
3	64QAM	1	14	18.90	18.75	18.64		
3	64QAM	8	0	18.90	18.79	18.77	19.8	0
3	64QAM	8	4	18.86	18.78	18.71		
3	64QAM	8	7	18.85	18.91	18.75		
3	64QAM	15	0	18.81	18.86	18.80		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	18.90	18.99	18.90	19.8	0
1.4	QPSK	1	3	18.82	18.70	18.79		
1.4	QPSK	1	5	18.94	18.80	18.85		
1.4	QPSK	3	0	18.84	18.96	18.90		
1.4	QPSK	3	1	18.75	18.94	18.94		
1.4	QPSK	3	3	18.79	18.87	18.94		
1.4	QPSK	6	0	18.90	18.81	18.81	19.8	0
1.4	16QAM	1	0	18.87	18.79	18.79	19.8	0
1.4	16QAM	1	3	18.89	18.83	18.67		
1.4	16QAM	1	5	18.80	18.74	18.93		
1.4	16QAM	3	0	18.80	18.78	18.66		
1.4	16QAM	3	1	18.88	19.00	18.64		
1.4	16QAM	3	3	18.89	18.82	18.73		
1.4	16QAM	6	0	18.77	18.81	18.82	19.8	0
1.4	64QAM	1	0	18.83	18.90	18.75	19.8	0
1.4	64QAM	1	3	18.87	18.93	18.72		
1.4	64QAM	1	5	18.93	18.72	18.76		
1.4	64QAM	3	0	18.85	18.73	18.77		
1.4	64QAM	3	1	18.80	18.84	18.74		
1.4	64QAM	3	3	18.84	18.84	18.79		
1.4	64QAM	6	0	18.87	18.94	18.79	19.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.85	24.15	24.04	24.8	0
20	QPSK	1	49	23.66	24.10	23.85		
20	QPSK	1	99	23.72	24.00	23.68		
20	QPSK	50	0	22.80	23.08	23.01	23.8	1
20	QPSK	50	24	22.70	23.07	22.91		
20	QPSK	50	50	22.76	23.03	22.79		
20	QPSK	100	0	22.71	23.04	22.90		
20	16QAM	1	0	22.99	23.24	23.32	23.8	1
20	16QAM	1	49	22.96	23.40	23.14		
20	16QAM	1	99	23.00	23.30	22.96		
20	16QAM	50	0	21.68	22.07	22.00	22.8	2
20	16QAM	50	24	21.70	22.07	21.91		
20	16QAM	50	50	21.75	22.02	21.77		
20	16QAM	100	0	21.70	22.02	21.87		
20	64QAM	1	0	21.82	22.05	22.13	22.8	2
20	64QAM	1	49	21.78	22.21	21.96		
20	64QAM	1	99	21.83	22.10	21.78		
20	64QAM	50	0	20.66	21.06	21.00	21.8	3
20	64QAM	50	24	20.68	21.05	20.90		
20	64QAM	50	50	20.75	21.03	20.76		
20	64QAM	100	0	20.71	21.03	20.87		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.73	23.99	23.93	24.8	0
15	QPSK	1	37	23.61	24.01	23.78		
15	QPSK	1	74	23.60	23.86	23.60		
15	QPSK	36	0	22.68	22.96	22.87	23.8	1
15	QPSK	36	20	22.54	22.96	22.79		
15	QPSK	36	39	22.68	22.87	22.67		
15	QPSK	75	0	22.63	22.98	22.74		
15	16QAM	1	0	22.94	23.10	23.18	23.8	1
15	16QAM	1	37	22.80	23.24	23.09		
15	16QAM	1	74	22.86	23.20	22.91		
15	16QAM	36	0	21.65	21.97	21.92	22.8	2
15	16QAM	36	20	21.63	22.00	21.79		
15	16QAM	36	39	21.73	21.89	21.72		
15	16QAM	75	0	21.67	21.92	21.78		
15	64QAM	1	0	21.72	21.93	22.04	22.8	2
15	64QAM	1	37	21.69	22.11	21.85		
15	64QAM	1	74	21.78	21.99	21.71		
15	64QAM	36	0	20.57	20.96	20.90	21.8	3
15	64QAM	36	20	20.52	20.96	20.83		
15	64QAM	36	39	20.66	20.91	20.70		
15	64QAM	75	0	20.63	20.89	20.77		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.78	24.07	23.97	24.8	0
10	QPSK	1	25	23.54	24.05	23.70		
10	QPSK	1	49	23.60	23.88	23.61		
10	QPSK	25	0	22.71	23.00	22.91	23.8	1
10	QPSK	25	12	22.60	22.94	22.79		
10	QPSK	25	25	22.60	22.92	22.64		
10	QPSK	50	0	22.66	22.90	22.77		
10	16QAM	1	0	22.91	23.18	23.16	23.8	1
10	16QAM	1	25	22.88	23.31	22.99		
10	16QAM	1	49	22.85	23.20	22.82		
10	16QAM	25	0	21.66	22.02	21.94	22.8	2
10	16QAM	25	12	21.63	21.99	21.80		
10	16QAM	25	25	21.67	21.89	21.71		
10	16QAM	50	0	21.64	21.90	21.77		
10	64QAM	1	0	21.76	21.97	22.05	22.8	2
10	64QAM	1	25	21.71	22.14	21.80		
10	64QAM	1	49	21.78	21.95	21.71		
10	64QAM	25	0	20.58	20.98	20.90	21.8	3
10	64QAM	25	12	20.63	20.96	20.83		
10	64QAM	25	25	20.62	20.88	20.65		
10	64QAM	50	0	20.55	20.92	20.71		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.78	24.00	23.91	24.8	0
5	QPSK	1	12	23.52	24.02	23.71		
5	QPSK	1	24	23.60	23.94	23.54		
5	QPSK	12	0	22.68	23.02	22.96	23.8	1
5	QPSK	12	7	22.63	23.02	22.76		
5	QPSK	12	13	22.64	22.88	22.71		
5	QPSK	25	0	22.59	22.91	22.79		
5	16QAM	1	0	22.89	23.08	23.22	23.8	1
5	16QAM	1	12	22.90	23.24	23.09		
5	16QAM	1	24	22.84	23.24	22.86		
5	16QAM	12	0	21.64	21.94	21.91	22.8	2
5	16QAM	12	7	21.62	21.91	21.81		
5	16QAM	12	13	21.71	21.94	21.65		
5	16QAM	25	0	21.65	21.88	21.72		
5	64QAM	1	0	21.73	21.98	22.08	22.8	2
5	64QAM	1	12	21.70	22.10	21.80		
5	64QAM	1	24	21.70	21.98	21.66		
5	64QAM	12	0	20.52	21.00	20.90	21.8	3
5	64QAM	12	7	20.55	20.98	20.83		
5	64QAM	12	13	20.64	20.90	20.67		
5	64QAM	25	0	20.66	20.95	20.73		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.70	24.10	23.98	24.8	0
3	QPSK	1	8	23.60	24.02	23.78		
3	QPSK	1	14	23.58	23.88	23.57		
3	QPSK	8	0	22.64	22.94	22.85	23.8	1
3	QPSK	8	4	22.55	22.99	22.81		
3	QPSK	8	7	22.65	22.93	22.72		
3	QPSK	15	0	22.62	22.90	22.85		
3	16QAM	1	0	22.92	23.18	23.23	23.8	1
3	16QAM	1	8	22.90	23.33	23.08		
3	16QAM	1	14	22.90	23.21	22.87		
3	16QAM	8	0	21.62	21.93	21.86	22.8	2
3	16QAM	8	4	21.65	22.01	21.83		
3	16QAM	8	7	21.67	21.94	21.72		
3	16QAM	15	0	21.62	21.95	21.72		
3	64QAM	1	0	21.69	21.97	22.04	22.8	2
3	64QAM	1	8	21.71	22.10	21.81		
3	64QAM	1	14	21.73	22.00	21.64		
3	64QAM	8	0	20.60	21.01	20.93	21.8	3
3	64QAM	8	4	20.62	20.92	20.80		
3	64QAM	8	7	20.69	20.90	20.70		
3	64QAM	15	0	20.62	20.87	20.82		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.77	24.01	23.89	24.8	0
1.4	QPSK	1	3	23.52	23.99	23.76		
1.4	QPSK	1	5	23.65	23.91	23.57		
1.4	QPSK	3	0	23.78	24.08	23.97		
1.4	QPSK	3	1	23.54	23.97	23.79		
1.4	QPSK	3	3	23.67	23.92	23.58		
1.4	QPSK	6	0	22.67	22.94	22.96	23.8	1
1.4	16QAM	1	0	22.62	22.96	22.78	23.8	1
1.4	16QAM	1	3	22.67	22.89	22.65		
1.4	16QAM	1	5	22.61	22.98	22.83		
1.4	16QAM	3	0	22.86	23.11	23.26		
1.4	16QAM	3	1	22.91	23.34	23.07		
1.4	16QAM	3	3	22.94	23.17	22.88		
1.4	16QAM	6	0	21.66	22.02	21.87	22.8	2
1.4	64QAM	1	0	21.62	21.97	21.80	22.8	2
1.4	64QAM	1	3	21.71	21.86	21.70		
1.4	64QAM	1	5	21.68	21.96	21.76		
1.4	64QAM	3	0	21.73	21.96	22.08		
1.4	64QAM	3	1	21.62	22.05	21.81		
1.4	64QAM	3	3	21.67	22.04	21.68		
1.4	64QAM	6	0	20.61	20.90	20.90	21.8	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	16.91	17.14	17.00	17.8	0
20	QPSK	1	49	16.59	16.86	16.87		
20	QPSK	1	99	16.68	16.72	16.67		
20	QPSK	50	0	16.86	16.99	16.91	17.8	0
20	QPSK	50	24	16.62	16.91	16.90		
20	QPSK	50	50	16.66	16.83	16.81		
20	QPSK	100	0	16.60	16.88	16.87		
20	16QAM	1	0	16.63	16.78	16.69	17.8	0
20	16QAM	1	49	16.55	16.82	16.98		
20	16QAM	1	99	16.71	16.81	16.71		
20	16QAM	50	0	16.55	16.89	16.74	17.8	0
20	16QAM	50	24	16.66	16.64	16.79		
20	16QAM	50	50	16.55	17.00	16.92		
20	16QAM	100	0	16.58	16.87	16.78		
20	64QAM	1	0	16.59	16.75	16.77	17.8	0
20	64QAM	1	49	16.56	16.80	16.84		
20	64QAM	1	99	16.64	16.78	16.89		
20	64QAM	50	0	16.60	16.78	16.73	17.8	0
20	64QAM	50	24	16.58	16.88	16.80		
20	64QAM	50	50	16.69	16.88	16.78		
20	64QAM	100	0	16.52	16.96	16.81		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.85	17.06	17.02	17.8	0
15	QPSK	1	37	16.58	16.84	16.90		
15	QPSK	1	74	16.73	16.65	16.65		
15	QPSK	36	0	16.87	16.82	16.83	17.8	0
15	QPSK	36	20	16.53	16.79	16.85		
15	QPSK	36	39	16.50	16.76	16.85		
15	QPSK	75	0	16.52	16.90	16.78		
15	16QAM	1	0	16.60	16.72	16.65	17.8	0
15	16QAM	1	37	16.49	16.73	16.83		
15	16QAM	1	74	16.65	16.79	16.68		
15	16QAM	36	0	16.54	16.73	16.72	17.8	0
15	16QAM	36	20	16.59	16.65	16.68		
15	16QAM	36	39	16.39	16.93	16.87		
15	16QAM	75	0	16.63	16.73	16.72		
15	64QAM	1	0	16.50	16.71	16.73	17.8	0
15	64QAM	1	37	16.55	16.79	16.80		
15	64QAM	1	74	16.48	16.82	16.78		
15	64QAM	36	0	16.61	16.73	16.71	17.8	0
15	64QAM	36	20	16.49	16.81	16.73		
15	64QAM	36	39	16.56	16.81	16.79		
15	64QAM	75	0	16.61	16.92	16.70		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.92	17.11	16.97	17.8	0
10	QPSK	1	25	16.51	16.89	16.84		
10	QPSK	1	49	16.72	16.71	16.65		
10	QPSK	25	0	16.75	16.93	16.86	17.8	0
10	QPSK	25	12	16.64	16.88	16.91		
10	QPSK	25	25	16.53	16.78	16.73		
10	QPSK	50	0	16.59	16.89	16.76		
10	16QAM	1	0	16.51	16.72	16.60	17.8	0
10	16QAM	1	25	16.50	16.70	16.84		
10	16QAM	1	49	16.66	16.73	16.75		
10	16QAM	25	0	16.50	16.75	16.72	17.8	0
10	16QAM	25	12	16.66	16.66	16.73		
10	16QAM	25	25	16.50	16.86	16.89		
10	16QAM	50	0	16.55	16.82	16.65		
10	64QAM	1	0	16.60	16.75	16.72	17.8	0
10	64QAM	1	25	16.51	16.78	16.81		
10	64QAM	1	49	16.50	16.73	16.79		
10	64QAM	25	0	16.68	16.70	16.61	17.8	0
10	64QAM	25	12	16.51	16.82	16.72		
10	64QAM	25	25	16.54	16.72	16.74		
10	64QAM	50	0	16.55	16.93	16.74		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.84	17.03	17.05	17.8	0
5	QPSK	1	12	16.46	16.81	16.90		
5	QPSK	1	24	16.67	16.71	16.69		
5	QPSK	12	0	16.77	16.95	16.88	17.8	0
5	QPSK	12	7	16.53	16.82	16.85		
5	QPSK	12	13	16.62	16.74	16.86		
5	QPSK	25	0	16.62	16.81	16.83		
5	16QAM	1	0	16.62	16.73	16.66	17.8	0
5	16QAM	1	12	16.55	16.75	16.82		
5	16QAM	1	24	16.66	16.81	16.70		
5	16QAM	12	0	16.57	16.83	16.70	17.8	0
5	16QAM	12	7	16.69	16.70	16.75		
5	16QAM	12	13	16.39	16.94	16.76		
5	16QAM	25	0	16.57	16.78	16.73		
5	64QAM	1	0	16.50	16.71	16.70	17.8	0
5	64QAM	1	12	16.57	16.77	16.82		
5	64QAM	1	24	16.47	16.74	16.82		
5	64QAM	12	0	16.66	16.80	16.71	17.8	0
5	64QAM	12	7	16.42	16.80	16.81		
5	64QAM	12	13	16.65	16.81	16.73		
5	64QAM	25	0	16.52	16.83	16.79		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.80	17.09	16.95	17.8	0
3	QPSK	1	8	16.57	16.89	16.90		
3	QPSK	1	14	16.66	16.74	16.72		
3	QPSK	8	0	16.78	16.84	16.81	17.8	0
3	QPSK	8	4	16.54	16.81	16.88		
3	QPSK	8	7	16.57	16.69	16.86		
3	QPSK	15	0	16.57	16.80	16.85		
3	16QAM	1	0	16.61	16.72	16.66	17.8	0
3	16QAM	1	8	16.51	16.70	16.83		
3	16QAM	1	14	16.59	16.79	16.74		
3	16QAM	8	0	16.45	16.73	16.70	17.8	0
3	16QAM	8	4	16.65	16.67	16.75		
3	16QAM	8	7	16.45	16.92	16.87		
3	16QAM	15	0	16.58	16.77	16.78		
3	64QAM	1	0	16.58	16.67	16.76	17.8	0
3	64QAM	1	8	16.62	16.79	16.84		
3	64QAM	1	14	16.56	16.77	16.72		
3	64QAM	8	0	16.67	16.69	16.72	17.8	0
3	64QAM	8	4	16.47	16.71	16.72		
3	64QAM	8	7	16.61	16.82	16.79		
3	64QAM	15	0	16.49	16.94	16.78		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.86	17.12	16.93	17.8	0
1.4	QPSK	1	3	16.46	16.88	16.83		
1.4	QPSK	1	5	16.61	16.65	16.75		
1.4	QPSK	3	0	16.76	16.89	16.88		
1.4	QPSK	3	1	16.59	16.89	16.87		
1.4	QPSK	3	3	16.58	16.77	16.79		
1.4	QPSK	6	0	16.54	16.77	16.80	17.8	0
1.4	16QAM	1	0	16.62	16.71	16.71	17.8	0
1.4	16QAM	1	3	16.52	16.78	16.85		
1.4	16QAM	1	5	16.54	16.77	16.75		
1.4	16QAM	3	0	16.48	16.77	16.75		
1.4	16QAM	3	1	16.61	16.62	16.76		
1.4	16QAM	3	3	16.48	16.93	16.85		
1.4	16QAM	6	0	16.55	16.83	16.77	17.8	0
1.4	64QAM	1	0	16.59	16.66	16.73	17.8	0
1.4	64QAM	1	3	16.57	16.87	16.76		
1.4	64QAM	1	5	16.60	16.73	16.82		
1.4	64QAM	3	0	16.59	16.78	16.65		
1.4	64QAM	3	1	16.45	16.77	16.72		
1.4	64QAM	3	3	16.62	16.82	16.71		
1.4	64QAM	6	0	16.54	16.88	16.70	17.8	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.52	23.65	23.58	24.3	0
20	QPSK	1	49	23.29	23.56	23.35		
20	QPSK	1	99	23.33	23.47	23.21		
20	QPSK	50	0	22.39	22.60	22.42	23.3	1
20	QPSK	50	24	22.36	22.57	22.39		
20	QPSK	50	50	22.35	22.51	22.27		
20	QPSK	100	0	22.35	22.53	22.32		
20	16QAM	1	0	22.53	22.81	22.78	23.3	1
20	16QAM	1	49	22.56	22.78	22.57		
20	16QAM	1	99	22.59	22.74	22.43		
20	16QAM	50	0	21.38	21.59	21.41	22.3	2
20	16QAM	50	24	21.36	21.57	21.37		
20	16QAM	50	50	21.36	21.53	21.27		
20	16QAM	100	0	21.34	21.53	21.32		
20	64QAM	1	0	21.52	21.76	21.75	22.3	2
20	64QAM	1	49	21.54	21.80	21.49		
20	64QAM	1	99	21.55	21.70	21.43		
20	64QAM	50	0	20.39	20.59	20.40	21.3	3
20	64QAM	50	24	20.35	20.57	20.38		
20	64QAM	50	50	20.35	20.54	20.29		
20	64QAM	100	0	20.35	20.54	20.34		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.47	23.56	23.43	24.3	0
15	QPSK	1	37	23.18	23.42	23.23		
15	QPSK	1	74	23.21	23.34	23.16		
15	QPSK	36	0	22.31	22.48	22.27	23.3	1
15	QPSK	36	20	22.29	22.41	22.27		
15	QPSK	36	39	22.19	22.40	22.20		
15	QPSK	75	0	22.19	22.42	22.23		
15	16QAM	1	0	22.47	22.70	22.65	23.3	1
15	16QAM	1	37	22.41	22.69	22.45		
15	16QAM	1	74	22.47	22.59	22.38		
15	16QAM	36	0	21.36	21.54	21.34	22.3	2
15	16QAM	36	20	21.32	21.47	21.30		
15	16QAM	36	39	21.32	21.46	21.20		
15	16QAM	75	0	21.31	21.37	21.20		
15	64QAM	1	0	21.44	21.69	21.59	22.3	2
15	64QAM	1	37	21.39	21.74	21.34		
15	64QAM	1	74	21.49	21.62	21.29		
15	64QAM	36	0	20.29	20.45	20.27	21.3	3
15	64QAM	36	20	20.19	20.41	20.22		
15	64QAM	36	39	20.27	20.49	20.18		
15	64QAM	75	0	20.29	20.47	20.18		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.43	23.52	23.47	24.3	0
10	QPSK	1	25	23.17	23.41	23.22		
10	QPSK	1	49	23.25	23.32	23.15		
10	QPSK	25	0	22.34	22.47	22.36	23.3	1
10	QPSK	25	12	22.28	22.51	22.27		
10	QPSK	25	25	22.22	22.39	22.14		
10	QPSK	50	0	22.30	22.42	22.19		
10	16QAM	1	0	22.48	22.73	22.72	23.3	1
10	16QAM	1	25	22.42	22.65	22.51		
10	16QAM	1	49	22.49	22.64	22.27		
10	16QAM	25	0	21.31	21.44	21.35	22.3	2
10	16QAM	25	12	21.28	21.46	21.23		
10	16QAM	25	25	21.31	21.46	21.21		
10	16QAM	50	0	21.26	21.46	21.22		
10	64QAM	1	0	21.47	21.61	21.65	22.3	2
10	64QAM	1	25	21.42	21.65	21.41		
10	64QAM	1	49	21.41	21.64	21.36		
10	64QAM	25	0	20.31	20.44	20.35	21.3	3
10	64QAM	25	12	20.26	20.41	20.26		
10	64QAM	25	25	20.23	20.44	20.19		
10	64QAM	50	0	20.26	20.41	20.29		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.43	23.56	23.42	24.3	0
5	QPSK	1	12	23.17	23.43	23.25		
5	QPSK	1	24	23.27	23.42	23.16		
5	QPSK	12	0	22.26	22.46	22.37	23.3	1
5	QPSK	12	7	22.31	22.48	22.24		
5	QPSK	12	13	22.20	22.38	22.21		
5	QPSK	25	0	22.30	22.41	22.22		
5	16QAM	1	0	22.46	22.72	22.62	23.3	1
5	16QAM	1	12	22.48	22.63	22.51		
5	16QAM	1	24	22.46	22.69	22.36		
5	16QAM	12	0	21.34	21.52	21.31	22.3	2
5	16QAM	12	7	21.34	21.51	21.22		
5	16QAM	12	13	21.34	21.38	21.11		
5	16QAM	25	0	21.28	21.37	21.18		
5	64QAM	1	0	21.39	21.62	21.65	22.3	2
5	64QAM	1	12	21.40	21.67	21.41		
5	64QAM	1	24	21.39	21.59	21.31		
5	64QAM	12	0	20.25	20.53	20.35	21.3	3
5	64QAM	12	7	20.25	20.46	20.32		
5	64QAM	12	13	20.22	20.47	20.19		
5	64QAM	25	0	20.20	20.40	20.21		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.36	23.57	23.43	24.3	0
3	QPSK	1	8	23.22	23.44	23.29		
3	QPSK	1	14	23.21	23.39	23.07		
3	QPSK	8	0	22.32	22.55	22.35	23.3	1
3	QPSK	8	4	22.24	22.42	22.29		
3	QPSK	8	7	22.26	22.38	22.18		
3	QPSK	15	0	22.25	22.41	22.17		
3	16QAM	1	0	22.37	22.75	22.72	23.3	1
3	16QAM	1	8	22.43	22.69	22.44		
3	16QAM	1	14	22.44	22.65	22.31		
3	16QAM	8	0	21.31	21.45	21.26	22.3	2
3	16QAM	8	4	21.32	21.50	21.30		
3	16QAM	8	7	21.33	21.47	21.12		
3	16QAM	15	0	21.27	21.41	21.17		
3	64QAM	1	0	21.41	21.60	21.68	22.3	2
3	64QAM	1	8	21.41	21.73	21.36		
3	64QAM	1	14	21.50	21.60	21.33		
3	64QAM	8	0	20.32	20.46	20.31	21.3	3
3	64QAM	8	4	20.22	20.42	20.24		
3	64QAM	8	7	20.27	20.45	20.22		
3	64QAM	15	0	20.27	20.39	20.29		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.24	23.52	23.26	24.3	0
1.4	QPSK	1	3	23.26	23.51	23.22		
1.4	QPSK	1	5	23.28	23.51	23.23		
1.4	QPSK	3	0	23.28	23.48	23.25		
1.4	QPSK	3	1	23.29	23.49	23.25		
1.4	QPSK	3	3	23.30	23.49	23.25		
1.4	QPSK	6	0	22.28	22.49	22.27	23.3	1
1.4	16QAM	1	0	22.51	22.76	22.52	23.3	1
1.4	16QAM	1	3	22.50	22.75	22.48		
1.4	16QAM	1	5	22.48	22.75	22.47		
1.4	16QAM	3	0	22.26	22.51	22.26		
1.4	16QAM	3	1	22.28	22.53	22.27		
1.4	16QAM	3	3	22.25	22.48	22.26		
1.4	16QAM	6	0	21.31	21.57	21.33	22.3	2
1.4	64QAM	1	0	21.44	21.72	21.47	22.3	2
1.4	64QAM	1	3	21.44	21.71	21.43		
1.4	64QAM	1	5	21.42	21.72	21.42		
1.4	64QAM	3	0	21.34	21.59	21.39		
1.4	64QAM	3	1	21.33	21.57	21.39		
1.4	64QAM	3	3	21.33	21.58	21.37		
1.4	64QAM	6	0	20.24	20.47	20.23	21.3	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.37	24.40	24.30	24.8	0
20	QPSK	1	49	24.35	24.26	24.20		
20	QPSK	1	99	24.31	24.19	24.18		
20	QPSK	50	0	23.34	23.37	23.25	23.8	1
20	QPSK	50	24	23.32	23.20	23.14		
20	QPSK	50	50	23.30	23.20	23.15		
20	QPSK	100	0	23.30	23.35	23.14		
20	16QAM	1	0	23.30	23.21	23.15	23.8	1
20	16QAM	1	49	23.34	23.23	23.17		
20	16QAM	1	99	23.32	23.22	23.19		
20	16QAM	50	0	22.34	22.20	22.14	22.8	2
20	16QAM	50	24	22.35	22.22	22.16		
20	16QAM	50	50	22.34	22.22	22.16		
20	16QAM	100	0	22.32	22.20	22.15		
20	64QAM	1	0	22.08	21.94	21.90	22.8	2
20	64QAM	1	49	22.12	21.96	21.95		
20	64QAM	1	99	22.08	21.94	21.94		
20	64QAM	50	0	21.30	21.17	21.11	21.8	3
20	64QAM	50	24	21.32	21.18	21.13		
20	64QAM	50	50	21.32	21.20	21.12		
20	64QAM	100	0	21.32	21.17	21.12		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.28	24.27	24.21	24.8	0
15	QPSK	1	37	24.30	24.10	24.07		
15	QPSK	1	74	24.23	24.07	24.04		
15	QPSK	36	0	23.26	23.23	23.19	23.8	1
15	QPSK	36	20	23.24	23.10	23.09		
15	QPSK	36	39	23.18	23.09	23.07		
15	QPSK	75	0	23.24	23.30	22.98		
15	16QAM	1	0	23.18	23.07	23.02	23.8	1
15	16QAM	1	37	23.24	23.14	23.09		
15	16QAM	1	74	23.19	23.15	23.08		
15	16QAM	36	0	22.27	22.13	22.00	22.8	2
15	16QAM	36	20	22.30	22.12	22.02		
15	16QAM	36	39	22.31	22.12	22.06		
15	16QAM	75	0	22.26	22.04	22.10		
15	64QAM	1	0	22.01	21.87	21.77	22.8	2
15	64QAM	1	37	22.04	21.83	21.79		
15	64QAM	1	74	21.95	21.82	21.81		
15	64QAM	36	0	21.16	21.02	20.99	21.8	3
15	64QAM	36	20	21.21	21.08	21.08		
15	64QAM	36	39	21.18	21.04	21.07		
15	64QAM	75	0	21.22	21.10	21.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.24	24.30	24.15	24.8	0
10	QPSK	1	25	24.24	24.11	24.15		
10	QPSK	1	49	24.26	24.03	24.11		
10	QPSK	25	0	23.21	23.23	23.09	23.8	1
10	QPSK	25	12	23.21	23.09	23.05		
10	QPSK	25	25	23.20	23.07	23.05		
10	QPSK	50	0	23.23	23.20	23.06		
10	16QAM	1	0	23.17	23.13	23.09	23.8	1
10	16QAM	1	25	23.18	23.08	23.12		
10	16QAM	1	49	23.24	23.11	23.07		
10	16QAM	25	0	22.31	22.14	21.99	22.8	2
10	16QAM	25	12	22.30	22.13	22.04		
10	16QAM	25	25	22.28	22.07	22.02		
10	16QAM	50	0	22.26	22.05	21.99		
10	64QAM	1	0	21.98	21.86	21.76	22.8	2
10	64QAM	1	25	22.00	21.86	21.88		
10	64QAM	1	49	22.00	21.81	21.89		
10	64QAM	25	0	21.22	21.11	21.03	21.8	3
10	64QAM	25	12	21.20	21.07	21.05		
10	64QAM	25	25	21.26	21.07	20.99		
10	64QAM	50	0	21.23	21.05	20.96		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.22	24.31	24.21	24.8	0
5	QPSK	1	12	24.30	24.11	24.10		
5	QPSK	1	24	24.24	24.03	24.13		
5	QPSK	12	0	23.18	23.31	23.10	23.8	1
5	QPSK	12	7	23.25	23.14	23.01		
5	QPSK	12	13	23.24	23.15	23.04		
5	QPSK	25	0	23.14	23.24	22.99		
5	16QAM	1	0	23.15	23.15	23.00	23.8	1
5	16QAM	1	12	23.19	23.13	23.05		
5	16QAM	1	24	23.23	23.14	23.14		
5	16QAM	12	0	22.28	22.05	22.01	22.8	2
5	16QAM	12	7	22.33	22.13	22.07		
5	16QAM	12	13	22.26	22.15	22.10		
5	16QAM	25	0	22.26	22.05	22.05		
5	64QAM	1	0	21.94	21.84	21.80	22.8	2
5	64QAM	1	12	22.04	21.84	21.82		
5	64QAM	1	24	21.96	21.80	21.89		
5	64QAM	12	0	21.22	21.11	21.00	21.8	3
5	64QAM	12	7	21.22	21.08	21.03		
5	64QAM	12	13	21.20	21.04	20.99		
5	64QAM	25	0	21.23	21.08	20.97		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	14.68	14.90	14.78	15.8	0
20	QPSK	1	49	14.63	14.40	14.53		
20	QPSK	1	99	14.56	14.42	14.50		
20	QPSK	50	0	14.61	14.77	14.74	15.8	0
20	QPSK	50	24	14.46	14.53	14.54		
20	QPSK	50	50	14.56	14.55	14.55		
20	QPSK	100	0	14.60	14.68	14.35		
20	16QAM	1	0	14.56	14.68	14.43	15.8	0
20	16QAM	1	49	14.66	14.49	14.35		
20	16QAM	1	99	14.66	14.52	14.53		
20	16QAM	50	0	14.52	14.38	14.31	15.8	0
20	16QAM	50	24	14.54	14.53	14.37		
20	16QAM	50	50	14.54	14.47	14.59		
20	16QAM	100	0	14.46	14.57	14.59		
20	64QAM	1	0	14.57	14.53	14.34	15.8	0
20	64QAM	1	49	14.59	14.52	14.60		
20	64QAM	1	99	14.53	14.53	14.31		
20	64QAM	50	0	14.45	14.44	14.52	15.8	0
20	64QAM	50	24	14.37	14.60	14.43		
20	64QAM	50	50	14.55	14.63	14.46		
20	64QAM	100	0	14.34	14.62	14.43		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	14.64	14.85	14.80	15.8	0
15	QPSK	1	37	14.63	14.39	14.48		
15	QPSK	1	74	14.44	14.54	14.39		
15	QPSK	36	0	14.52	14.70	14.69	15.8	0
15	QPSK	36	20	14.39	14.54	14.63		
15	QPSK	36	39	14.47	14.53	14.62		
15	QPSK	75	0	14.56	14.70	14.35		
15	16QAM	1	0	14.55	14.66	14.43	15.8	0
15	16QAM	1	37	14.65	14.50	14.32		
15	16QAM	1	74	14.60	14.50	14.62		
15	16QAM	36	0	14.60	14.43	14.34	15.8	0
15	16QAM	36	20	14.56	14.52	14.41		
15	16QAM	36	39	14.52	14.55	14.53		
15	16QAM	75	0	14.48	14.58	14.59		
15	64QAM	1	0	14.54	14.61	14.39	15.8	0
15	64QAM	1	37	14.61	14.57	14.59		
15	64QAM	1	74	14.48	14.52	14.35		
15	64QAM	36	0	14.40	14.43	14.53	15.8	0
15	64QAM	36	20	14.38	14.53	14.43		
15	64QAM	36	39	14.62	14.61	14.38		
15	64QAM	75	0	14.35	14.64	14.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	14.65	14.88	14.75	15.8	0
10	QPSK	1	25	14.58	14.48	14.52		
10	QPSK	1	49	14.50	14.46	14.39		
10	QPSK	25	0	14.56	14.68	14.75	15.8	0
10	QPSK	25	12	14.39	14.60	14.62		
10	QPSK	25	25	14.55	14.54	14.54		
10	QPSK	50	0	14.56	14.63	14.38		
10	16QAM	1	0	14.59	14.65	14.47	15.8	0
10	16QAM	1	25	14.65	14.51	14.37		
10	16QAM	1	49	14.56	14.46	14.55		
10	16QAM	25	0	14.58	14.35	14.30	15.8	0
10	16QAM	25	12	14.52	14.55	14.33		
10	16QAM	25	25	14.63	14.46	14.51		
10	16QAM	50	0	14.46	14.57	14.59		
10	64QAM	1	0	14.46	14.59	14.43	15.8	0
10	64QAM	1	25	14.59	14.57	14.53		
10	64QAM	1	49	14.42	14.48	14.35		
10	64QAM	25	0	14.41	14.38	14.46	15.8	0
10	64QAM	25	12	14.37	14.59	14.40		
10	64QAM	25	25	14.55	14.59	14.36		
10	64QAM	50	0	14.38	14.64	14.40		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	14.66	14.86	14.79	15.8	0
5	QPSK	1	12	14.68	14.48	14.42		
5	QPSK	1	24	14.50	14.50	14.42		
5	QPSK	12	0	14.53	14.67	14.68	15.8	0
5	QPSK	12	7	14.40	14.63	14.51		
5	QPSK	12	13	14.54	14.55	14.58		
5	QPSK	25	0	14.59	14.59	14.42		
5	16QAM	1	0	14.55	14.66	14.52	15.8	0
5	16QAM	1	12	14.59	14.58	14.43		
5	16QAM	1	24	14.53	14.42	14.60		
5	16QAM	12	0	14.53	14.32	14.35	15.8	0
5	16QAM	12	7	14.60	14.47	14.32		
5	16QAM	12	13	14.57	14.53	14.56		
5	16QAM	25	0	14.46	14.58	14.61		
5	64QAM	1	0	14.55	14.55	14.44	15.8	0
5	64QAM	1	12	14.63	14.48	14.53		
5	64QAM	1	24	14.42	14.51	14.35		
5	64QAM	12	0	14.42	14.49	14.53	15.8	0
5	64QAM	12	7	14.50	14.54	14.39		
5	64QAM	12	13	14.61	14.63	14.43		
5	64QAM	25	0	14.47	14.54	14.41		

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BW [MHz]	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	22.71	22.75	22.73	23.6	0
20	QPSK	1	49	22.63	22.50	22.50		
20	QPSK	1	99	22.61	22.45	22.71		
20	QPSK	50	0	22.20	22.23	22.17	23.1	0.5
20	QPSK	50	24	22.18	22.09	22.09		
20	QPSK	50	50	22.18	22.08	22.10		
20	QPSK	100	0	22.15	22.20	22.06		
20	16QAM	1	0	22.16	22.10	22.06	23.1	0.5
20	16QAM	1	49	22.19	22.13	22.06		
20	16QAM	1	99	22.21	22.13	22.17		
20	16QAM	50	0	21.14	21.10	21.08	22.1	1.5
20	16QAM	50	24	21.17	21.12	21.11		
20	16QAM	50	50	21.21	21.11	21.13		
20	16QAM	100	0	21.16	21.10	21.10		
20	64QAM	1	0	20.91	20.91	20.76	22.1	1.5
20	64QAM	1	49	20.94	20.92	20.81		
20	64QAM	1	99	20.95	20.94	20.92		
20	64QAM	50	0	20.16	20.09	20.06	21.1	2.5
20	64QAM	50	24	20.18	20.12	20.11		
20	64QAM	50	50	20.21	20.12	20.13		
20	64QAM	100	0	20.15	20.08	20.07		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.69	22.72	22.69	23.6	0
15	QPSK	1	37	22.66	22.45	22.59		
15	QPSK	1	74	22.72	22.57	22.67		
15	QPSK	36	0	22.08	22.09	22.11	23.1	0.5
15	QPSK	36	20	22.08	22.01	21.98		
15	QPSK	36	39	22.13	21.97	21.94		
15	QPSK	75	0	22.02	22.04	21.90		
15	16QAM	1	0	22.02	22.03	21.99	23.1	0.5
15	16QAM	1	37	22.11	21.98	21.95		
15	16QAM	1	74	22.09	22.02	22.02		
15	16QAM	36	0	21.11	20.97	20.94	22.1	1.5
15	16QAM	36	20	21.15	20.99	21.05		
15	16QAM	36	39	21.19	21.04	21.07		
15	16QAM	75	0	21.14	20.98	21.05		
15	64QAM	1	0	20.82	20.80	20.69	22.1	1.5
15	64QAM	1	37	20.82	20.86	20.69		
15	64QAM	1	74	20.85	20.85	20.82		
15	64QAM	36	0	20.11	19.93	19.96	21.1	2.5
15	64QAM	36	20	20.03	20.00	20.02		
15	64QAM	36	39	20.10	20.03	20.08		
15	64QAM	75	0	20.04	20.02	20.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.66	22.70	22.69	23.6	0
10	QPSK	1	25	22.65	22.42	22.56		
10	QPSK	1	49	22.69	22.44	22.73		
10	QPSK	25	0	22.06	22.12	22.12	23.1	0.5
10	QPSK	25	12	22.08	21.99	21.98		
10	QPSK	25	25	22.09	22.00	22.03		
10	QPSK	50	0	22.01	22.15	21.91		
10	16QAM	1	0	22.05	21.94	21.94	23.1	0.5
10	16QAM	1	25	22.10	22.06	22.00		
10	16QAM	1	49	22.10	21.97	22.02		
10	16QAM	25	0	21.10	21.02	20.99	22.1	1.5
10	16QAM	25	12	21.13	20.97	21.02		
10	16QAM	25	25	21.15	20.95	21.01		
10	16QAM	50	0	21.14	20.96	21.00		
10	64QAM	1	0	20.76	20.79	20.61	22.1	1.5
10	64QAM	1	25	20.79	20.87	20.72		
10	64QAM	1	49	20.84	20.78	20.78		
10	64QAM	25	0	20.00	19.95	20.01	21.1	2.5
10	64QAM	25	12	20.03	20.00	20.01		
10	64QAM	25	25	20.10	20.04	20.00		
10	64QAM	50	0	20.00	19.93	20.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.71	22.71	22.68	23.6	0
5	QPSK	1	12	22.59	22.51	22.58		
5	QPSK	1	24	22.68	22.49	22.73		
5	QPSK	12	0	22.21	22.13	22.16	23.1	0.5
5	QPSK	12	7	22.21	22.14	22.19		
5	QPSK	12	13	22.21	22.11	22.21		
5	QPSK	25	0	22.23	22.14	22.21		
5	16QAM	1	0	22.24	22.15	22.08	23.1	0.5
5	16QAM	1	12	22.24	22.16	22.17		
5	16QAM	1	24	22.25	22.15	22.19		
5	16QAM	12	0	21.17	21.11	21.14	22.1	1.5
5	16QAM	12	7	21.17	21.10	21.15		
5	16QAM	12	13	21.17	21.09	21.18		
5	16QAM	25	0	21.24	21.17	21.24		
5	64QAM	1	0	20.99	20.90	20.97	22.1	1.5
5	64QAM	1	12	20.99	20.92	21.06		
5	64QAM	1	24	21.00	20.89	21.11		
5	64QAM	12	0	20.22	20.14	20.21	21.1	2.5
5	64QAM	12	7	20.21	20.13	20.21		
5	64QAM	12	13	20.22	20.13	20.26		
5	64QAM	25	0	20.26	20.17	20.21		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.28	24.44	24.45	24.20	24.15	24.8	0
20	QPSK	1	49	24.22	24.34	24.38	24.16	24.05		
20	QPSK	1	99	24.25	24.42	24.30	24.17	24.11		
20	QPSK	50	0	23.28	23.38	23.40	23.25	23.15	23.8	1
20	QPSK	50	24	23.20	23.29	23.31	23.21	23.09		
20	QPSK	50	50	23.25	23.35	23.30	23.19	23.11		
20	QPSK	100	0	23.20	23.31	23.33	23.19	23.08		
20	16QAM	1	0	23.05	23.25	23.34	23.14	22.99	23.8	1
20	16QAM	1	49	23.24	23.32	23.39	23.18	23.08		
20	16QAM	1	99	23.29	23.46	23.29	23.21	23.17		
20	16QAM	50	0	22.11	22.25	22.35	22.18	22.02	22.8	2
20	16QAM	50	24	22.21	22.29	22.31	22.22	22.09		
20	16QAM	50	50	22.27	22.37	22.31	22.21	22.14		
20	16QAM	100	0	22.20	22.31	22.32	22.21	22.08		
20	64QAM	1	0	21.78	21.92	22.06	21.86	21.73	22.8	2
20	64QAM	1	49	21.97	22.05	22.08	21.95	21.81		
20	64QAM	1	99	22.01	22.15	22.02	21.95	21.89		
20	64QAM	50	0	21.13	21.23	21.34	21.18	21.03	21.8	3
20	64QAM	50	24	21.23	21.27	21.32	21.21	21.11		
20	64QAM	50	50	21.28	21.35	21.31	21.21	21.14		
20	64QAM	100	0	21.22	21.29	21.33	21.21	21.10		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.13	24.30	24.39	24.09	24.03	24.8	0
15	QPSK	1	37	24.13	24.26	24.28	24.01	23.91		
15	QPSK	1	74	24.11	24.35	24.17	24.07	24.01		
15	QPSK	36	0	23.15	23.25	23.24	23.14	22.99	23.8	1
15	QPSK	36	20	23.15	23.14	23.26	23.11	22.97		
15	QPSK	36	39	23.17	23.28	23.22	23.05	22.96		
15	QPSK	75	0	23.06	23.17	23.24	23.09	22.96		
15	16QAM	1	0	22.96	23.12	23.27	23.08	22.91	23.8	1
15	16QAM	1	37	23.17	23.25	23.30	23.06	23.03		
15	16QAM	1	74	23.16	23.40	23.18	23.12	23.09		
15	16QAM	36	0	22.06	22.09	22.25	22.11	21.92	22.8	2
15	16QAM	36	20	22.08	22.24	22.17	22.08	22.04		
15	16QAM	36	39	22.22	22.30	22.17	22.08	22.04		
15	16QAM	75	0	22.14	22.26	22.23	22.12	21.98		
15	64QAM	1	0	21.73	21.77	21.91	21.70	21.58	22.8	2
15	64QAM	1	37	21.90	21.95	22.01	21.82	21.70		
15	64QAM	1	74	21.94	22.02	21.93	21.79	21.80		
15	64QAM	36	0	21.06	21.12	21.28	21.03	20.97	21.8	3
15	64QAM	36	20	21.17	21.12	21.27	21.08	21.05		
15	64QAM	36	39	21.17	21.22	21.26	21.09	21.08		
15	64QAM	75	0	21.13	21.15	21.24	21.06	20.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.16	24.39	24.33	24.06	24.00	24.8	0
10	QPSK	1	25	24.12	24.23	24.33	24.05	23.90		
10	QPSK	1	49	24.10	24.36	24.18	24.02	23.98		
10	QPSK	25	0	23.20	23.29	23.31	23.14	23.06	23.8	1
10	QPSK	25	12	23.06	23.19	23.17	23.08	22.96		
10	QPSK	25	25	23.19	23.23	23.23	23.06	23.04		
10	QPSK	50	0	23.13	23.25	23.23	23.11	22.92		
10	16QAM	1	0	22.93	23.19	23.23	23.03	22.92	23.8	1
10	16QAM	1	25	23.13	23.20	23.32	23.10	23.03		
10	16QAM	1	49	23.24	23.38	23.14	23.13	23.04		
10	16QAM	25	0	22.00	22.13	22.23	22.03	21.89	22.8	2
10	16QAM	25	12	22.11	22.14	22.26	22.06	22.01		
10	16QAM	25	25	22.22	22.22	22.23	22.15	21.98		
10	16QAM	50	0	22.05	22.25	22.21	22.10	21.99		
10	64QAM	1	0	21.73	21.85	21.91	21.72	21.65	22.8	2
10	64QAM	1	25	21.89	21.93	22.03	21.86	21.71		
10	64QAM	1	49	21.86	22.00	21.93	21.84	21.73		
10	64QAM	25	0	21.08	21.07	21.23	21.09	20.95	21.8	3
10	64QAM	25	12	21.15	21.16	21.19	21.07	20.99		
10	64QAM	25	25	21.14	21.22	21.20	21.05	21.08		
10	64QAM	50	0	21.13	21.16	21.19	21.09	20.99		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.21	24.39	24.35	24.08	24.08	24.8	0
5	QPSK	1	12	24.07	24.18	24.26	24.01	24.00		
5	QPSK	1	24	24.16	24.33	24.22	24.08	23.98		
5	QPSK	12	0	23.15	23.25	23.29	23.10	23.09	23.8	1
5	QPSK	12	7	23.04	23.20	23.18	23.15	22.95		
5	QPSK	12	13	23.11	23.21	23.22	23.11	23.00		
5	QPSK	25	0	23.07	23.19	23.18	23.07	23.01		
5	16QAM	1	0	22.93	23.10	23.23	22.98	22.91	23.8	1
5	16QAM	1	12	23.11	23.17	23.24	23.11	22.97		
5	16QAM	1	24	23.14	23.30	23.15	23.10	23.11		
5	16QAM	12	0	22.03	22.14	22.28	22.07	21.94	22.8	2
5	16QAM	12	7	22.06	22.14	22.20	22.13	22.03		
5	16QAM	12	13	22.17	22.23	22.26	22.15	22.01		
5	16QAM	25	0	22.07	22.23	22.17	22.05	21.98		
5	64QAM	1	0	21.71	21.80	21.93	21.77	21.66	22.8	2
5	64QAM	1	12	21.92	21.91	22.03	21.85	21.70		
5	64QAM	1	24	21.89	22.05	21.86	21.83	21.75		
5	64QAM	12	0	21.08	21.14	21.18	21.08	20.96	21.8	3
5	64QAM	12	7	21.14	21.13	21.17	21.12	20.95		
5	64QAM	12	13	21.12	21.24	21.25	21.16	21.09		
5	64QAM	25	0	21.11	21.23	21.20	21.05	20.98		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	14.90	14.85	15.00	14.81	14.89	15.8	0
20	QPSK	1	49	14.77	14.55	14.64	14.46	14.50		
20	QPSK	1	99	14.70	14.46	14.60	14.50	14.58		
20	QPSK	50	0	14.88	14.66	14.90	14.72	14.56	15.8	0
20	QPSK	50	24	14.78	14.58	14.62	14.48	14.46		
20	QPSK	50	50	14.87	14.65	14.63	14.60	14.51		
20	QPSK	100	0	14.68	14.70	14.83	14.73	14.73		
20	16QAM	1	0	14.63	14.74	14.66	14.67	14.60	15.8	0
20	16QAM	1	49	14.94	14.62	14.65	14.48	14.63		
20	16QAM	1	99	14.76	14.64	14.68	14.62	14.65		
20	16QAM	50	0	14.88	14.64	14.68	14.70	14.60	15.8	0
20	16QAM	50	24	14.77	14.75	14.85	14.63	14.66		
20	16QAM	50	50	14.85	14.70	14.59	14.55	14.61		
20	16QAM	100	0	14.86	14.63	14.46	14.50	14.58		
20	64QAM	1	0	14.74	14.69	14.74	14.74	14.71	15.8	0
20	64QAM	1	49	14.62	14.66	14.68	14.51	14.48		
20	64QAM	1	99	14.88	14.58	14.66	14.55	14.53		
20	64QAM	50	0	14.66	14.81	14.80	14.46	14.49	15.8	0
20	64QAM	50	24	14.80	14.58	14.50	14.71	14.70		
20	64QAM	50	50	14.82	14.68	14.77	14.60	14.51		
20	64QAM	100	0	14.87	14.79	14.69	14.72	14.68		
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	14.99	14.75	14.94	14.81	14.84	15.8	0
15	QPSK	1	37	14.88	14.52	14.51	14.50	14.55		
15	QPSK	1	74	14.76	14.47	14.61	14.57	14.61		
15	QPSK	36	0	14.90	14.76	14.85	14.70	14.67	15.8	0
15	QPSK	36	20	14.82	14.62	14.66	14.48	14.45		
15	QPSK	36	39	14.88	14.57	14.60	14.52	14.62		
15	QPSK	75	0	14.73	14.72	14.84	14.62	14.71		
15	16QAM	1	0	14.64	14.66	14.58	14.77	14.58	15.8	0
15	16QAM	1	37	14.91	14.63	14.59	14.57	14.59		
15	16QAM	1	74	14.72	14.74	14.62	14.61	14.77		
15	16QAM	36	0	14.91	14.61	14.63	14.64	14.57	15.8	0
15	16QAM	36	20	14.74	14.78	14.92	14.60	14.70		
15	16QAM	36	39	14.80	14.62	14.66	14.46	14.58		
15	16QAM	75	0	14.80	14.61	14.56	14.58	14.64		
15	64QAM	1	0	14.62	14.68	14.70	14.68	14.69	15.8	0
15	64QAM	1	37	14.57	14.75	14.67	14.53	14.46		
15	64QAM	1	74	14.85	14.64	14.62	14.56	14.60		
15	64QAM	36	0	14.75	14.89	14.80	14.49	14.56	15.8	0
15	64QAM	36	20	14.68	14.65	14.50	14.70	14.63		
15	64QAM	36	39	14.81	14.58	14.78	14.61	14.52		
15	64QAM	75	0	14.87	14.73	14.70	14.70	14.79		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	14.94	14.85	14.98	14.74	14.80	15.8	0
10	QPSK	1	25	14.87	14.60	14.51	14.46	14.51		
10	QPSK	1	49	14.75	14.48	14.52	14.55	14.60		
10	QPSK	25	0	14.86	14.71	14.88	14.70	14.56	15.8	0
10	QPSK	25	12	14.77	14.69	14.66	14.54	14.40		
10	QPSK	25	25	14.93	14.68	14.65	14.55	14.51		
10	QPSK	50	0	14.78	14.75	14.86	14.66	14.74		
10	16QAM	1	0	14.64	14.66	14.58	14.76	14.59	15.8	0
10	16QAM	1	25	14.94	14.62	14.60	14.46	14.58		
10	16QAM	1	49	14.79	14.68	14.66	14.53	14.77		
10	16QAM	25	0	14.85	14.60	14.75	14.74	14.55	15.8	0
10	16QAM	25	12	14.73	14.74	14.91	14.57	14.71		
10	16QAM	25	25	14.84	14.70	14.62	14.54	14.59		
10	16QAM	50	0	14.77	14.61	14.46	14.59	14.55		
10	64QAM	1	0	14.68	14.65	14.69	14.75	14.65	15.8	0
10	64QAM	1	25	14.61	14.63	14.62	14.61	14.47		
10	64QAM	1	49	14.86	14.66	14.65	14.51	14.55		
10	64QAM	25	0	14.66	14.89	14.80	14.46	14.57	15.8	0
10	64QAM	25	12	14.79	14.59	14.53	14.63	14.64		
10	64QAM	25	25	14.83	14.65	14.72	14.63	14.61		
10	64QAM	50	0	14.90	14.75	14.70	14.71	14.78		
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	14.96	14.81	14.95	14.85	14.77	15.8	0
5	QPSK	1	12	14.80	14.50	14.59	14.46	14.51		
5	QPSK	1	24	14.66	14.48	14.52	14.55	14.55		
5	QPSK	12	0	14.94	14.77	14.88	14.69	14.60	15.8	0
5	QPSK	12	7	14.73	14.68	14.65	14.49	14.41		
5	QPSK	12	13	14.88	14.66	14.59	14.57	14.64		
5	QPSK	25	0	14.68	14.67	14.85	14.74	14.64		
5	16QAM	1	0	14.63	14.74	14.69	14.72	14.59	15.8	0
5	16QAM	1	12	14.84	14.68	14.63	14.47	14.62		
5	16QAM	1	24	14.71	14.75	14.62	14.60	14.73		
5	16QAM	12	0	14.84	14.67	14.75	14.64	14.59	15.8	0
5	16QAM	12	7	14.80	14.85	14.91	14.52	14.71		
5	16QAM	12	13	14.77	14.70	14.69	14.49	14.50		
5	16QAM	25	0	14.87	14.56	14.48	14.51	14.58		
5	64QAM	1	0	14.67	14.70	14.69	14.66	14.62	15.8	0
5	64QAM	1	12	14.55	14.74	14.69	14.58	14.54		
5	64QAM	1	24	14.88	14.65	14.57	14.59	14.60		
5	64QAM	12	0	14.68	14.91	14.87	14.47	14.60	15.8	0
5	64QAM	12	7	14.81	14.61	14.55	14.64	14.66		
5	64QAM	12	13	14.77	14.58	14.76	14.58	14.52		
5	64QAM	25	0	14.86	14.76	14.68	14.62	14.77		

Band 41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.74	22.61	22.86	22.71	22.62	23.6	0
20	QPSK	1	49	22.71	22.48	22.76	22.56	22.57		
20	QPSK	1	99	22.59	22.58	22.72	22.49	22.60		
20	QPSK	50	0	22.26	22.19	22.28	22.16	22.23	23.1	0.5
20	QPSK	50	24	22.25	22.08	22.23	22.13	22.15		
20	QPSK	50	50	22.23	22.17	22.24	22.11	22.20		
20	QPSK	100	0	22.24	22.10	22.25	22.12	22.16		
20	16QAM	1	0	22.30	22.05	22.28	22.16	22.13	23.1	0.5
20	16QAM	1	49	22.27	22.13	22.30	22.15	22.15		
20	16QAM	1	99	22.21	22.27	22.30	22.15	22.26		
20	16QAM	50	0	21.25	21.07	21.24	21.18	21.15	22.1	1.5
20	16QAM	50	24	21.23	21.09	21.23	21.14	21.17		
20	16QAM	50	50	21.22	21.18	21.26	21.12	21.24		
20	16QAM	100	0	21.23	21.11	21.23	21.15	21.16		
20	64QAM	1	0	21.01	20.74	20.99	20.95	20.85	22.1	1.5
20	64QAM	1	49	21.02	20.89	20.98	20.89	20.88		
20	64QAM	1	99	20.95	20.96	21.01	20.87	20.98		
20	64QAM	50	0	20.26	20.05	20.23	20.17	20.12	21.1	2.5
20	64QAM	50	24	20.25	20.10	20.26	20.13	20.17		
20	64QAM	50	50	20.22	20.17	20.27	20.12	20.23		
20	64QAM	100	0	20.26	20.11	20.24	20.16	20.15		
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	22.81	22.68	22.73	22.59	22.57	23.6	0
15	QPSK	1	37	22.80	22.53	22.76	22.65	22.45		
15	QPSK	1	74	22.72	22.59	22.76	22.52	22.64		
15	QPSK	36	0	22.16	22.09	22.15	22.05	22.09	23.1	0.5
15	QPSK	36	20	22.12	21.97	22.09	22.00	22.06		
15	QPSK	36	39	22.17	22.01	22.14	22.04	22.15		
15	QPSK	75	0	22.11	21.94	22.20	22.00	22.11		
15	16QAM	1	0	22.16	21.92	22.16	22.01	21.98	23.1	0.5
15	16QAM	1	37	22.18	21.98	22.23	22.06	22.05		
15	16QAM	1	74	22.11	22.19	22.15	22.07	22.17		
15	16QAM	36	0	21.20	20.93	21.09	21.02	20.99	22.1	1.5
15	16QAM	36	20	21.16	21.00	21.18	20.99	21.03		
15	16QAM	36	39	21.12	21.03	21.20	20.99	21.15		
15	16QAM	75	0	21.15	20.98	21.13	21.04	21.00		
15	64QAM	1	0	20.93	20.61	20.86	20.87	20.79	22.1	1.5
15	64QAM	1	37	20.95	20.79	20.85	20.77	20.78		
15	64QAM	1	74	20.84	20.81	20.86	20.79	20.85		
15	64QAM	36	0	20.19	19.90	20.15	20.06	20.03	21.1	2.5
15	64QAM	36	20	20.15	20.00	20.17	20.02	20.05		
15	64QAM	36	39	20.12	20.11	20.15	19.99	20.13		
15	64QAM	75	0	20.11	20.06	20.15	20.04	20.01		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.70	22.60	22.77	22.61	22.69	23.6	0
10	QPSK	1	25	22.69	22.53	22.68	22.59	22.56		
10	QPSK	1	49	22.68	22.59	22.70	22.55	22.61		
10	QPSK	25	0	22.14	22.05	22.16	22.04	22.09	23.1	0.5
10	QPSK	25	12	22.18	21.92	22.18	21.98	22.06		
10	QPSK	25	25	22.17	22.08	22.09	21.97	22.15		
10	QPSK	50	0	22.12	21.98	22.18	22.03	22.02		
10	16QAM	1	0	22.22	21.97	22.17	22.10	22.00	23.1	0.5
10	16QAM	1	25	22.13	22.05	22.25	22.04	22.09		
10	16QAM	1	49	22.07	22.22	22.24	22.02	22.13		
10	16QAM	25	0	21.09	21.00	21.08	21.10	21.06	22.1	1.5
10	16QAM	25	12	21.16	20.99	21.11	21.07	21.07		
10	16QAM	25	25	21.13	21.07	21.19	21.03	21.14		
10	16QAM	50	0	21.13	21.05	21.16	21.09	21.06		
10	64QAM	1	0	20.88	20.65	20.92	20.79	20.72	22.1	1.5
10	64QAM	1	25	20.91	20.75	20.90	20.76	20.72		
10	64QAM	1	49	20.89	20.85	20.92	20.82	20.84		
10	64QAM	25	0	20.16	19.97	20.08	20.12	19.99	21.1	2.5
10	64QAM	25	12	20.14	20.04	20.11	20.04	20.01		
10	64QAM	25	25	20.15	20.08	20.11	20.04	20.14		
10	64QAM	50	0	20.12	19.96	20.16	20.01	20.01		
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	22.83	22.70	22.76	22.62	22.59	23.6	0
5	QPSK	1	12	22.77	22.58	22.69	22.64	22.46		
5	QPSK	1	24	22.72	22.64	22.70	22.52	22.61		
5	QPSK	12	0	22.30	22.07	22.14	22.14	22.21	23.1	0.5
5	QPSK	12	7	22.29	22.06	22.14	22.11	22.24		
5	QPSK	12	13	22.26	22.06	22.13	22.09	22.22		
5	QPSK	25	0	22.26	22.06	22.15	22.11	22.24		
5	16QAM	1	0	22.29	22.07	22.16	22.11	22.21	23.1	0.5
5	16QAM	1	12	22.32	22.12	22.18	22.13	22.25		
5	16QAM	1	24	22.29	22.16	22.17	22.13	22.26		
5	16QAM	12	0	21.27	21.03	21.12	21.11	21.21	22.1	1.5
5	16QAM	12	7	21.24	21.03	21.10	21.07	21.22		
5	16QAM	12	13	21.24	21.02	21.11	21.06	21.21		
5	16QAM	25	0	21.29	21.09	21.17	21.13	21.29		
5	64QAM	1	0	21.04	20.82	20.96	20.85	21.00	22.1	1.5
5	64QAM	1	12	21.04	20.83	20.95	20.85	21.00		
5	64QAM	1	24	21.02	20.86	20.97	20.82	20.99		
5	64QAM	12	0	20.28	20.11	20.17	20.13	20.22	21.1	2.5
5	64QAM	12	7	20.31	20.09	20.15	20.10	20.24		
5	64QAM	12	13	20.31	20.09	20.14	20.10	20.26		
5	64QAM	25	0	20.33	20.11	20.18	20.17	20.29		

Full Power

2CC

Configure		CA Configuration (BCS)	PCC							SCC				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx.Power (dBm)	W/O CA Tx.Power (dBm)
Inter-Band		CA_2A-4A	Band 2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	23.00	23.05
		CA_2A-5A	Band 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	22.98	23.05
		CA_2A-7A	Band 2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	22.92	23.05
		CA_2A-12A	Band 2	20M	1880	18900	QPSK	1	0	Band 12	10M	737.5	5095	22.96	23.05
		CA_2A-26A	Band 2	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	22.95	23.05
		CA_2A-38A	Band 2	20M	1880	18900	QPSK	1	0	Band 38	20M	2595	38000	22.90	23.05
		CA_2A-66A	Band 2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	22.89	23.05
		CA_4A-5A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.89	24.17
		CA_4A-7A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	23.79	24.17
		CA_4A-12A	Band 4	20M	1732.5	20175	QPSK	1	0	Band 12	10M	737.5	5095	23.92	24.17
		CA_4A-17A	Band 4	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	23.90	24.17
		CA_5A-7A	Band 5	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	23.77	23.88
		CA_5A-41A	Band 5	10M	836.5	20525	QPSK	1	0	Band 41	20M	2593	40620	23.69	23.88
		CA_5A-66A	Band 5	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	23.66	23.88
		CA_7A-26A	Band 7	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	24.25	24.55
		CA_7A-66A	Band 7	20M	2535	21100	QPSK	1	0	Band 66	20M	2155	66886	24.33	24.55
		CA_12A-66A	Band 12	10M	707.5	23095	QPSK	1	0	Band 66	20M	2155	66886	24..01	24.06
Intra-Band	Non-Contiguous	CA_2A-2A	Band 2	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	23.00	23.05
		CA_7A-7A	Band 7	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	24.16	24.55
		CA_66A-66A	Band 66	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	24.03	24.22
		CA_41A-41A	Band 41	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	24.23	24.45
	Contiguous	CA_2C	Band 2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.80	1098	22.86	23.05
		CA_7C	Band 7	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.80	3298	24.33	24.55
		CA_38C	Band 38	20M	2580	37850	QPSK	1	0	Band 38	20M	2599.80	38048	24.26	24.40
		CA_66C	Band 66	20M	1745	132322	QPSK	1	0	Band 66	20M	2174.80	67084	24.05	24.22
		CA_41C	Band 41	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.80	40818	24.36	24.45

UL CA Power

CA_7C_Ant 0											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	**Tune up Power (dBm)**
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	23.52	**24.80**
21100	20902	QPSK	1	0	0	0	1	0	Full	23.78	**24.80**
21350	21152	QPSK	1	0	0	0	1	0	Full	23.83	**24.80**
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	21.04	**22.30**
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	21.25	**22.30**
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	21.30	**22.30**
20850	21048	QPSK	1	0	0	0	1	0	ECI 2	23.52	**24.80**
21100	20902	QPSK	1	0	0	0	1	0	ECI 2	23.78	**24.80**
21350	21152	QPSK	1	0	0	0	1	0	ECI 2	23.83	**24.80**
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	18.58	**19.80**
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	18.75	**19.80**
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	18.82	**19.80**
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	23.52	**24.80**
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	23.78	**24.80**
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	23.83	**24.80**

CA_7C_Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	**Tune up Power (dBm)**
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	23.78	**24.80**
21100	20902	QPSK	1	0	0	0	1	0	Full	23.80	**24.80**
21350	21152	QPSK	1	0	0	0	1	0	Full	24.11	**24.80**
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	16.80	**17.80**
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	16.83	**17.80**
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	17.13	**17.80**
20850	21048	QPSK	1	0	0	0	1	0	ECI 2	13.37	**14.30**
21100	20902	QPSK	1	0	0	0	1	0	ECI 2	13.39	**14.30**
21350	21152	QPSK	1	0	0	0	1	0	ECI 2	13.60	**14.30**
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	14.26	**15.30**
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	14.31	**15.30**
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	14.40	**15.30**
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	12.37	**13.30**
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	12.36	**13.30**
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	12.62	**13.30**

CA_7C_Ant 4											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power State	Measured Power (dBm)	**Tune up Power (dBm)**
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Full	23.26	**24.10**
21100	20902	QPSK	1	0	0	0	1	0	Full	23.24	**24.10**
21350	21152	QPSK	1	0	0	0	1	0	Full	23.20	**24.10**
20850	21048	QPSK	1	0	0	0	1	0	ECI 1	20.45	**21.60**
21100	20902	QPSK	1	0	0	0	1	0	ECI 1	20.41	**21.60**
21350	21152	QPSK	1	0	0	0	1	0	ECI 1	20.37	**21.60**
20850	21048	QPSK	1	0	0	0	1	0	ECI 2	22.15	**23.10**
21100	20902	QPSK	1	0	0	0	1	0	ECI 2	22.13	**23.10**
21350	21152	QPSK	1	0	0	0	1	0	ECI 2	22.11	**23.10**
20850	21048	QPSK	1	0	0	0	1	0	ECI 3	18.25	**19.10**
21100	20902	QPSK	1	0	0	0	1	0	ECI 3	18.23	**19.10**
21350	21152	QPSK	1	0	0	0	1	0	ECI 3	18.20	**19.10**
20850	21048	QPSK	1	0	0	0	1	0	ECI 4	21.08	**22.10**
21100	20902	QPSK	1	0	0	0	1	0	ECI 4	21.05	**22.10**
21350	21152	QPSK	1	0	0	0	1	0	ECI 4	21.03	**22.10**

Full&Default Power Mode

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		23.83		25.2	0.0
25	QPSK	1	65		23.81			
25	QPSK	1	131		23.75			
25	QPSK	64	0		22.83		24.2	1.0
25	QPSK	64	32		23.81		25.2	0.0
25	QPSK	64	66		22.86		24.2	1.0
25	QPSK	128	0		22.85			
25	16QAM	1	1		22.48		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.67		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.76	23.72	23.74	25.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.69	23.67	23.71	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.67	23.71	23.66	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.75	23.68	23.65	25.2	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		23.88		25.2	0.0
25	QPSK	1	65		23.83			
25	QPSK	1	131		23.81			
25	QPSK	64	0		22.88		24.2	1.0
25	QPSK	64	32		23.85		25.2	0.0
25	QPSK	64	66		22.90		24.2	1.0
25	QPSK	128	0		22.94			
25	16QAM	1	1		22.51		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.72		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.71	23.72	23.72	25.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.77	23.72	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.71	23.77	23.71	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.74	23.77	23.70	25.2	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					505000	507000	509000	
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	24.02	24.05	24.00	25.2	0.0
50	QPSK	1	135	23.97	24.00	23.98		
50	QPSK	1	268	23.92	23.99	23.93		
50	QPSK	135	0	22.94	22.99	22.95	24.2	1.0
50	QPSK	135	68	24.00	24.03	23.98	25.2	0.0
50	QPSK	135	135	22.98	23.00	22.97	24.2	1.0
50	QPSK	270	0	23.00	23.02	22.98		
50	16QAM	1	1	22.51	22.56	22.49	24.2	1.0
50	64QAM	1	1	21.04	21.12	21.05	22.7	2.5
50	256QAM	1	1	19.67	19.72	19.67	20.7	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.97	23.99	23.92	25.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.95	24.01	23.92	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.92	23.95	23.95	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.94	24.00	23.94	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.95	23.96	23.94	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.97	23.96	23.91	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.92	24.01	23.94	25.2	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	24.20	24.25	24.23	25.2	0.0
50	QPSK	1	135	24.17	24.20	24.13		
50	QPSK	1	268	24.13	24.18	24.11		
50	QPSK	135	0	23.21	23.24	23.16	24.2	1.0
50	QPSK	135	68	24.17	24.22	24.20	25.2	0.0
50	QPSK	135	135	23.20	23.23	23.21	24.2	1.0
50	QPSK	270	0	23.22	23.27	23.25		
50	16QAM	1	1	22.85	22.92	22.88	24.2	1.0
50	64QAM	1	1	21.40	21.47	21.43	22.7	2.5
50	256QAM	1	1	20.00	20.06	20.01	20.7	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.13	24.17	24.15	25.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.15	24.17	24.14	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.11	24.16	24.13	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	24.13	24.18	24.16	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.14	24.14	24.12	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.09	24.18	24.14	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.15	24.14	24.12	25.2	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	23.20	23.25	23.23	24.5	0.0
50	QPSK	1	135	23.16	23.23	23.15		
50	QPSK	1	268	23.14	23.22	23.18		
50	QPSK	135	0	22.29	22.31	22.28	23.5	1.0
50	QPSK	135	68	23.18	23.23	23.20	24.5	0.0
50	QPSK	135	135	22.18	22.22	22.20	23.5	1.0
50	QPSK	270	0	22.25	22.29	22.27		
50	16QAM	1	1	21.85	21.89	21.84	23.5	1.0
50	64QAM	1	1	20.42	20.45	20.39	22.0	2.5
50	256QAM	1	1	19.00	19.04	19.00	20.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.11	23.17	23.12	24.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.13	23.20	23.15	24.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.12	23.15	23.17	24.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.14	23.17	23.13	24.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.14	23.15	23.16	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.13	23.20	23.12	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.15	23.19	23.15	24.5	0.0

n26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.80	23.82	23.78	25.2	0.0
20	QPSK	1	53	23.77	23.79	23.74		
20	QPSK	1	104	23.72	23.77	23.69		
20	QPSK	50	0	22.74	22.80	22.75	24.2	1.0
20	QPSK	50	28	23.77	23.80	23.76	25.2	0.0
20	QPSK	50	56	22.80	22.82	22.78	24.2	1.0
20	QPSK	100	0	22.77	22.79	22.75		
20	16QAM	1	1	22.50	22.52	22.45	24.2	1.0
20	64QAM	1	1	21.11	21.15	21.12	22.7	2.5
20	256QAM	1	1	19.73	19.75	19.71	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.72	23.78	23.70	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.73	23.74	23.69	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.75	23.74	23.74	25.2	0.0

n26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.83	23.85	23.81	25.2	0.0
20	QPSK	1	53	23.81	23.83	23.76		
20	QPSK	1	104	23.72	23.80	23.74		
20	QPSK	50	0	22.75	22.83	22.75	24.2	1.0
20	QPSK	50	28	23.81	23.83	23.79	25.2	0.0
20	QPSK	50	56	22.85	22.87	22.83	24.2	1.0
20	QPSK	100	0	22.83	22.85	22.81		
20	16QAM	1	1	22.49	22.55	22.51	24.2	1.0
20	64QAM	1	1	21.15	21.18	21.10	22.7	2.5
20	256QAM	1	1	19.72	19.80	19.77	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.79	23.80	23.75	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.77	23.79	23.72	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.75	23.75	23.76	25.2	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.85	23.89	23.87	25.2	0.0
40	QPSK	1	108	23.78	23.85	23.79		
40	QPSK	1	214	23.62	23.67	23.59		
40	QPSK	108	0	22.82	22.85	22.79	24.2	1.0
40	QPSK	108	54	23.83	23.87	23.85	25.2	0.0
40	QPSK	108	108	22.82	22.84	22.83	24.2	1.0
40	QPSK	216	0	22.81	22.85	22.83		
40	16QAM	1	1	22.26	22.32	22.28	24.2	1.0
40	64QAM	1	1	20.84	20.91	20.88	22.7	2.5
40	256QAM	1	1	19.49	19.51	19.43	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.77	23.79	23.77	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.76	23.79	23.77	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.77	23.82	23.80	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.78	23.82	23.82	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.77	23.83	23.82	25.2	0.0

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.95	24.04	24.01	25.2	0.0
40	QPSK	1	108	23.93	24.02	23.99		
40	QPSK	1	214	23.80	23.85	23.83		
40	QPSK	108	0	22.91	22.98	22.92	24.2	1.0
40	QPSK	108	54	23.93	24.02	23.98	25.2	0.0
40	QPSK	108	108	22.95	23.00	22.98	24.2	1.0
40	QPSK	216	0	22.95	23.01	22.98		
40	16QAM	1	1	22.44	22.48	22.45	24.2	1.0
40	64QAM	1	1	20.98	21.02	20.97	22.7	2.5
40	256QAM	1	1	19.59	19.67	19.59	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.87	23.98	23.91	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.88	23.94	23.96	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.87	23.97	23.96	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.89	23.98	23.92	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.85	24.00	23.91	25.2	0.0

n66_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.58	23.66	23.63	24.5	0.0
40	QPSK	1	108	23.55	23.65	23.60		
40	QPSK	1	214	23.35	23.40	23.37		
40	QPSK	108	0	22.51	22.56	22.53	23.5	1.0
40	QPSK	108	54	23.55	23.63	23.60	24.5	0.0
40	QPSK	108	108	22.50	22.55	22.53	23.5	1.0
40	QPSK	216	0	22.53	22.60	22.58		
40	16QAM	1	1	22.06	22.12	22.05	23.5	1.0
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5
40	256QAM	1	1	19.26	19.31	19.25	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.49	23.58	23.52	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.50	23.56	23.58	24.5	0.0

n38_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	23.98	24.00	23.96	25.2	0.0
40	QPSK	1	53	23.83	23.88	23.82		
40	QPSK	1	104	23.90	23.93	23.91		
40	QPSK	50	0	22.73	22.81	22.76	24.2	1.0
40	QPSK	50	28	23.96	23.98	23.95	25.2	0.0
40	QPSK	50	56	22.78	22.80	22.75	24.2	1.0
40	QPSK	100	0	22.78	22.81	22.77		
40	16QAM	1	1	22.64	22.67	22.60	24.2	1.0
40	64QAM	1	1	21.18	21.21	21.19	22.7	2.5
40	256QAM	1	1	19.74	19.76	19.69	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.92	23.93	23.87	25.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.91	23.90	23.91	25.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.92	23.93	23.91	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.89	23.94	23.92	25.2	0.0

n38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	24.03	24.05	24.00	25.2	0.0
40	QPSK	1	53	23.96	24.03	23.98		
40	QPSK	1	104	23.96	24.02	23.95		
40	QPSK	50	0	22.97	23.00	22.93	24.2	1.0
40	QPSK	50	28	24.00	24.03	23.98	25.2	0.0
40	QPSK	50	56	22.95	22.98	22.93	24.2	1.0
40	QPSK	100	0	22.98	23.01	22.97		
40	16QAM	1	1	22.79	22.85	22.82	24.2	1.0
40	64QAM	1	1	21.31	21.37	21.29	22.7	2.5
40	256QAM	1	1	19.87	19.91	19.83	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.92	23.96	23.95	25.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.93	23.95	23.96	25.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.97	23.99	23.90	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.98	24.00	23.91	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	23.18	23.20	23.17	24.5	0.0
40	QPSK	1	53	23.10	23.18	23.14		
40	QPSK	1	104	23.09	23.13	23.09		
40	QPSK	50	0	22.03	22.10	22.02	23.5	1.0
40	QPSK	50	28	23.16	23.18	23.15	24.5	0.0
40	QPSK	50	56	22.06	22.08	22.05	23.5	1.0
40	QPSK	100	0	22.11	22.13	22.10		
40	16QAM	1	1	21.90	21.98	21.96	23.5	1.0
40	64QAM	1	1	20.42	20.50	20.42	22.0	2.5
40	256QAM	1	1	19.02	19.04	19.00	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	23.11	23.10	23.07	24.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.10	23.16	23.08	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	23.12	23.11	23.12	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	23.08	23.14	23.09	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	24.00	24.02	23.97	25.2	0.0
100	QPSK	1	137	23.89	23.95	23.93		
100	QPSK	1	271	23.77	23.82	23.79		
100	QPSK	135	0	22.81	22.89	22.86	24.2	1.0
100	QPSK	135	69	23.97	23.99	23.95	25.2	0.0
100	QPSK	135	138	22.86	22.88	22.83	24.2	1.0
100	QPSK	270	0	22.90	22.93	22.88		
100	16QAM	1	1	22.50	22.57	22.51	24.2	1.0
100	64QAM	1	1	21.04	21.12	21.05	22.7	2.5
100	256QAM	1	1	19.77	19.84	19.82	20.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.94	23.93	23.93	25.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.91	23.97	23.91	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.93	23.93	23.90	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.93	23.96	23.92	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.90	23.92	23.89	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.94	23.96	23.92	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.89	23.97	23.93	25.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.89	23.96	23.91	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	24.05	24.08	24.02	25.2	0.0
100	QPSK	1	137	23.90	23.98	23.96		
100	QPSK	1	271	23.92	23.97	23.91		
100	QPSK	135	0	22.94	23.01	22.99	24.2	1.0
100	QPSK	135	69	24.03	24.05	24.01	25.2	0.0
100	QPSK	135	138	22.98	23.01	22.95	24.2	1.0
100	QPSK	270	0	23.02	23.05	23.00		
100	16QAM	1	1	22.64	22.68	22.64	24.2	1.0
100	64QAM	1	1	21.12	21.20	21.13	22.7	2.5
100	256QAM	1	1	19.88	19.95	19.92	20.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.96	23.97	23.96	25.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.98	24.00	23.95	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.01	24.01	23.96	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.00	24.03	23.94	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.01	24.01	23.93	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.95	24.01	23.95	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.99	24.03	23.97	25.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.97	23.99	23.93	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	23.20	23.23	23.15	24.5	0.0
100	QPSK	1	137	23.07	23.11	23.06		
100	QPSK	1	271	22.87	22.95	22.88		
100	QPSK	135	0	22.05	22.10	22.04	23.5	1.0
100	QPSK	135	69	23.18	23.21	23.13	24.5	0.0
100	QPSK	135	138	22.10	22.12	22.08	23.5	1.0
100	QPSK	270	0	22.08	22.10	22.05		
100	16QAM	1	1	21.75	21.78	21.70	23.5	1.0
100	64QAM	1	1	20.27	20.31	20.27	22.0	2.5
100	256QAM	1	1	18.98	19.03	19.00	20.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.13	23.18	23.09	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.10	23.18	23.10	24.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.13	23.17	23.06	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.14	23.15	23.10	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.14	23.15	23.06	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.10	23.16	23.09	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.15	23.15	23.10	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.15	23.16	23.05	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		23.83		25.2	0.0
25	QPSK	1	65		23.81			
25	QPSK	1	131		23.75			
25	QPSK	64	0		22.83		24.2	1.0
25	QPSK	64	32		23.81		25.2	0.0
25	QPSK	64	66		22.86		24.2	1.0
25	QPSK	128	0		22.85			
25	16QAM	1	1		22.48		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.67		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.76	23.72	23.74	25.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.69	23.67	23.71	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.67	23.71	23.66	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.75	23.68	23.65	25.2	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		23.88		25.2	0.0
25	QPSK	1	65		23.83			
25	QPSK	1	131		23.81			
25	QPSK	64	0		22.88		24.2	1.0
25	QPSK	64	32		23.85		25.2	0.0
25	QPSK	64	66		22.90		24.2	1.0
25	QPSK	128	0		22.94			
25	16QAM	1	1		22.51		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.72		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.71	23.72	23.72	25.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.77	23.72	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.71	23.77	23.71	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.74	23.77	23.70	25.2	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	20.91	21.22	20.92	22.7	0.0
50	QPSK	1	135	20.85	20.92	20.81		
50	QPSK	1	268	20.87	20.91	20.89		
50	QPSK	135	0	20.90	20.95	20.86	22.7	0.0
50	QPSK	135	68	20.93	20.99	20.90	22.7	0.0
50	QPSK	135	135	20.80	20.91	20.88	22.7	0.0
50	QPSK	270	0	20.81	20.89	20.80		
50	16QAM	1	1	20.86	21.01	20.81	22.7	0.0
50	64QAM	1	1	21.04	21.12	21.05	22.7	0.0
50	256QAM	1	1	19.67	19.72	19.67	20.7	2.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.81	20.88	20.83	22.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.89	20.89	20.85	22.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.83	20.91	20.92	22.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.79	20.94	20.93	22.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.79	20.89	20.87	22.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.81	20.91	20.91	22.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.83	20.92	20.94	22.7	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	16.85	16.93	16.87	17.7	0.0
50	QPSK	1	135	16.80	16.91	16.81		
50	QPSK	1	268	16.70	16.89	16.81		
50	QPSK	135	0	16.77	16.82	16.80	17.7	0.0
50	QPSK	135	68	16.81	16.91	16.85	17.7	0.0
50	QPSK	135	135	16.80	16.85	16.78	17.7	0.0
50	QPSK	270	0	16.77	16.83	16.75		
50	16QAM	1	1	16.83	16.87	16.73	17.7	0.0
50	64QAM	1	1	16.73	16.77	16.77	17.7	0.0
50	256QAM	1	1	16.71	16.85	16.74	17.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.73	16.90	16.83	17.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.82	16.82	16.86	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	16.81	16.83	16.80	17.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	16.72	16.86	16.82	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	16.79	16.84	16.80	17.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.77	16.81	16.74	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	16.76	16.82	16.74	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	20.52	20.59	20.53	22.0	0.0
50	QPSK	1	135	20.42	20.54	20.52		
50	QPSK	1	268	20.49	20.49	20.46		
50	QPSK	135	0	20.40	20.52	20.48	22.0	0.0
50	QPSK	135	68	20.49	20.57	20.52	22.0	0.0
50	QPSK	135	135	20.42	20.56	20.45	22.0	0.0
50	QPSK	270	0	20.46	20.52	20.48		
50	16QAM	1	1	20.54	20.44	20.45	22.0	0.0
50	64QAM	1	1	20.42	20.45	20.39	22.0	0.0
50	256QAM	1	1	19.00	19.04	19.00	20.0	2.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.40	20.46	20.39	22.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.44	20.41	20.42	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.39	20.34	20.37	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.35	20.46	20.32	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.36	20.43	20.30	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.34	20.40	20.31	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.32	20.45	20.36	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.80	23.82	23.78	25.2	0.0
20	QPSK	1	53	23.77	23.79	23.74		
20	QPSK	1	104	23.72	23.77	23.69		
20	QPSK	50	0	22.74	22.80	22.75	24.2	1.0
20	QPSK	50	28	23.77	23.80	23.76	25.2	0.0
20	QPSK	50	56	22.80	22.82	22.78	24.2	1.0
20	QPSK	100	0	22.77	22.79	22.75		
20	16QAM	1	1	22.50	22.52	22.45	24.2	1.0
20	64QAM	1	1	21.11	21.15	21.12	22.7	2.5
20	256QAM	1	1	19.73	19.75	19.71	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.72	23.78	23.70	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.73	23.74	23.69	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.75	23.74	23.74	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.83	23.85	23.81	25.2	0.0
20	QPSK	1	53	23.81	23.83	23.76		
20	QPSK	1	104	23.72	23.80	23.74		
20	QPSK	50	0	22.75	22.83	22.75	24.2	1.0
20	QPSK	50	28	23.81	23.83	23.79	25.2	0.0
20	QPSK	50	56	22.85	22.87	22.83	24.2	1.0
20	QPSK	100	0	22.83	22.85	22.81		
20	16QAM	1	1	22.49	22.55	22.51	24.2	1.0
20	64QAM	1	1	21.15	21.18	21.10	22.7	2.5
20	256QAM	1	1	19.72	19.80	19.77	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.79	23.80	23.75	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.77	23.79	23.72	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.75	23.75	23.76	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.93	21.98	21.85	23.2	0.0
40	QPSK	1	108	21.78	21.84	21.83		
40	QPSK	1	214	21.71	21.82	21.73		
40	QPSK	108	0	21.72	21.78	21.75	23.2	0.0
40	QPSK	108	54	21.81	21.86	21.76	23.2	0.0
40	QPSK	108	108	21.72	21.83	21.73	23.2	0.0
40	QPSK	216	0	21.71	21.77	21.76		
40	16QAM	1	1	21.71	21.81	21.80	23.2	0.0
40	64QAM	1	1	20.84	20.91	20.88	22.7	0.5
40	256QAM	1	1	19.49	19.51	19.43	20.7	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.73	21.83	21.85	23.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.80	21.81	21.76	23.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.76	21.80	21.85	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.75	21.86	21.76	23.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.79	21.88	21.77	23.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.49	21.69	21.62	22.7	0.0
40	QPSK	1	108	21.42	21.57	21.51		
40	QPSK	1	214	21.44	21.54	21.59		
40	QPSK	108	0	21.44	21.61	21.55	22.7	0.0
40	QPSK	108	54	21.47	21.65	21.58	22.7	0.0
40	QPSK	108	108	21.44	21.53	21.54	22.7	0.0
40	QPSK	216	0	21.50	21.62	21.53		
40	16QAM	1	1	21.54	21.58	21.60	22.7	0.0
40	64QAM	1	1	20.98	21.02	20.97	22.7	0.0
40	256QAM	1	1	19.59	19.67	19.59	20.7	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.43	21.61	21.62	22.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.46	21.62	21.58	22.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.56	21.56	21.49	22.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.45	21.60	21.48	22.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.52	21.65	21.60	22.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.58	23.66	23.63	24.5	0.0
40	QPSK	1	108	23.55	23.65	23.60		
40	QPSK	1	214	23.35	23.40	23.37		
40	QPSK	108	0	22.51	22.56	22.53	23.5	1.0
40	QPSK	108	54	23.55	23.63	23.60	24.5	0.0
40	QPSK	108	108	22.50	22.55	22.53	23.5	1.0
40	QPSK	216	0	22.53	22.60	22.58		
40	16QAM	1	1	22.06	22.12	22.05	23.5	1.0
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5
40	256QAM	1	1	19.26	19.31	19.25	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.49	23.58	23.52	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.50	23.56	23.58	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	21.07	21.16	21.09	22.2	0.0
40	QPSK	1	53	21.03	21.11	21.06		
40	QPSK	1	104	20.99	21.05	21.05		
40	QPSK	50	0	21.04	21.11	20.98	22.2	0.0
40	QPSK	50	28	21.06	21.12	21.05	22.2	0.0
40	QPSK	50	56	20.97	21.07	20.95	22.2	0.0
40	QPSK	100	0	21.05	21.09	20.97		
40	16QAM	1	1	21.01	21.06	21.02	22.2	0.0
40	64QAM	1	1	20.98	21.01	20.99	22.2	0.0
40	256QAM	1	1	19.74	19.76	19.69	20.7	1.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.01	21.01	21.03	22.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.96	21.06	20.93	22.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.05	20.96	20.97	22.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.02	21.00	20.93	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	17.01	17.06	17.00	18.2	0.0
40	QPSK	1	53	16.99	17.04	16.95		
40	QPSK	1	104	16.90	16.99	16.99		
40	QPSK	50	0	16.95	17.01	16.94	18.2	0.0
40	QPSK	50	28	17.00	17.03	16.99	18.2	0.0
40	QPSK	50	56	16.90	16.90	16.95	18.2	0.0
40	QPSK	100	0	16.96	16.97	16.96		
40	16QAM	1	1	16.97	16.97	16.90	18.2	0.0
40	64QAM	1	1	16.88	17.01	16.98	18.2	0.0
40	256QAM	1	1	17.00	17.00	16.85	18.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	16.94	16.86	16.94	18.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	16.90	16.93	16.82	18.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	16.86	16.91	16.92	18.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	16.84	16.85	16.92	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	20.57	20.60	20.53	22.0	0.0
40	QPSK	1	53	20.55	20.52	20.50		
40	QPSK	1	104	20.55	20.50	20.48		
40	QPSK	50	0	20.46	20.43	20.53	22.0	0.0
40	QPSK	50	28	20.51	20.59	20.54	22.0	0.0
40	QPSK	50	56	20.49	20.47	20.40	22.0	0.0
40	QPSK	100	0	20.55	20.58	20.54		
40	16QAM	1	1	20.54	20.47	20.40	22.0	0.0
40	64QAM	1	1	20.42	20.50	20.42	22.0	0.0
40	256QAM	1	1	19.02	19.04	19.00	20.0	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.47	20.41	20.41	22.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.44	20.41	20.51	22.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.49	20.44	20.46	22.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.38	20.42	20.37	22.0	0.0

16.9 16.9 16.95

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BW [MHz]	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	QPSK	1	1	21.14	21.20	21.11	22.2	0.0
100	QPSK	1	137	21.13	21.13	21.10		
100	QPSK	1	271	21.00	21.08	21.08		
100	QPSK	135	0	21.06	21.05	21.00	22.2	0.0
100	QPSK	135	69	21.10	21.15	21.06	22.2	0.0
100	QPSK	135	138	21.04	21.02	21.01	22.2	0.0
100	QPSK	270	0	21.05	21.06	20.96		
100	16QAM	1	1	21.09	21.04	20.97	22.2	0.0
100	64QAM	1	1	21.04	21.12	21.05	22.2	0.0
100	256QAM	1	1	19.77	19.84	19.82	20.7	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.02	21.12	20.97	22.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.09	21.05	21.00	22.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.00	21.13	21.03	22.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.05	21.04	21.04	22.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.05	21.04	21.06	22.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.12	21.11	21.05	22.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.07	21.03	21.07	22.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.99	21.07	21.03	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	17.12	17.15	17.08	18.2	0.0
100	QPSK	1	137	16.85	17.02	16.88		
100	QPSK	1	271	16.85	16.99	16.95		
100	QPSK	135	0	16.89	16.93	16.82	18.2	0.0
100	QPSK	135	69	16.99	17.05	16.97	18.2	0.0
100	QPSK	135	138	16.96	16.96	16.90	18.2	0.0
100	QPSK	270	0	17.00	17.02	16.92		
100	16QAM	1	1	16.90	16.90	16.96	18.2	0.0
100	64QAM	1	1	16.93	16.90	16.85	18.2	0.0
100	256QAM	1	1	16.97	16.99	16.90	18.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.93	16.97	16.85	18.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.87	17.00	16.86	18.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.96	16.93	16.94	18.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.93	16.88	16.87	18.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.98	17.01	16.90	18.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.93	16.93	16.88	18.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.99	16.93	16.84	18.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.87	17.00	16.85	18.2	0.0

FCC_n41_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.81	20.88	20.55	22.0	0.0
100	QPSK	1	137	20.54	20.50	20.43		
100	QPSK	1	271	20.57	20.52	20.43		
100	QPSK	135	0	20.49	20.49	20.39	22.0	0.0
100	QPSK	135	69	20.55	20.64	20.51	22.0	0.0
100	QPSK	135	138	20.46	20.46	20.50	22.0	0.0
100	QPSK	270	0	20.56	20.63	20.47		
100	16QAM	1	1	20.48	20.50	20.49	22.0	0.0
100	64QAM	1	1	20.27	20.31	20.27	22.0	0.0
100	256QAM	1	1	18.98	19.03	19.00	20.0	2.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.53	20.54	20.50	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.54	20.50	20.48	22.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.55	20.60	20.48	22.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.44	20.55	20.41	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.55	20.54	20.41	22.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.56	20.60	20.43	22.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.54	20.47	20.38	22.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.43	20.49	20.41	22.0	0.0

Reduced Power Mode for ECI 2

n5_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		23.83		25.2	0.0
25	QPSK	1	65		23.81			
25	QPSK	1	131		23.75			
25	QPSK	64	0		22.83		24.2	1.0
25	QPSK	64	32		23.81		25.2	0.0
25	QPSK	64	66		22.86		24.2	1.0
25	QPSK	128	0		22.85			
25	16QAM	1	1		22.48		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.67		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.76	23.72	23.74	25.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.69	23.67	23.71	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.67	23.71	23.66	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.75	23.68	23.65	25.2	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		20.42		21.7	0.0
25	QPSK	1	65		20.31			
25	QPSK	1	131		20.31			
25	QPSK	64	0		20.33		21.7	0.0
25	QPSK	64	32		20.37		21.7	0.0
25	QPSK	64	66		20.34		21.7	0.0
25	QPSK	128	0		20.36			
25	16QAM	1	1		20.31		21.7	0.0
25	64QAM	1	1		20.35		21.7	0.0
25	256QAM	1	1		19.72		20.7	1.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	20.11	20.12	20.18	21.7	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.15	20.10	20.15	21.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.15	20.18	20.07	21.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.11	20.11	20.10	21.7	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	24.02	24.05	24.00	25.2	0.0
50	QPSK	1	135	23.97	24.00	23.98		
50	QPSK	1	268	23.92	23.99	23.93		
50	QPSK	135	0	22.94	22.99	22.95	24.2	1.0
50	QPSK	135	68	24.00	24.03	23.98	25.2	0.0
50	QPSK	135	135	22.98	23.00	22.97	24.2	1.0
50	QPSK	270	0	23.00	23.02	22.98		
50	16QAM	1	1	22.51	22.56	22.49	24.2	1.0
50	64QAM	1	1	21.04	21.12	21.05	22.7	2.5
50	256QAM	1	1	19.67	19.72	19.67	20.7	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.97	23.99	23.92	25.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.95	24.01	23.92	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.92	23.95	23.95	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.94	24.00	23.94	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.95	23.96	23.94	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.97	23.96	23.91	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.92	24.01	23.94	25.2	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	13.70	13.78	13.71	14.7	0.0
50	QPSK	1	135	13.69	13.69	13.69		
50	QPSK	1	268	13.59	13.72	13.63		
50	QPSK	135	0	13.55	13.72	13.59	14.7	0.0
50	QPSK	135	68	13.67	13.73	13.68	14.7	0.0
50	QPSK	135	135	13.56	13.66	13.60	14.7	0.0
50	QPSK	270	0	13.69	13.70	13.65		
50	16QAM	1	1	13.59	13.68	13.61	14.7	0.0
50	64QAM	1	1	13.69	13.64	13.63	14.7	0.0
50	256QAM	1	1	13.61	13.72	13.59	14.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	13.49	13.64	13.56	14.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	13.54	13.62	13.56	14.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	13.49	13.51	13.52	14.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	13.56	13.55	13.55	14.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	13.55	13.50	13.54	14.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	13.55	13.54	13.50	14.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	13.47	13.51	13.61	14.7	0.0

n7_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	21.69	21.81	21.68	23.0	0.0
50	QPSK	1	135	21.67	21.62	21.60		
50	QPSK	1	268	21.66	21.63	21.58		
50	QPSK	135	0	21.65	21.70	21.58	23.0	0.0
50	QPSK	135	68	21.68	21.72	21.66	23.0	0.0
50	QPSK	135	135	21.57	21.66	21.65	23.0	0.0
50	QPSK	270	0	21.63	21.66	21.59		
50	16QAM	1	1	21.62	21.63	21.59	23.0	0.0
50	64QAM	1	1	20.42	20.45	20.39	22.0	1.0
50	256QAM	1	1	19.00	19.04	19.00	20.0	3.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.65	21.62	21.63	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.58	21.74	21.71	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.64	21.63	21.70	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	21.63	21.74	21.61	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.65	21.69	21.68	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.58	21.66	21.61	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.64	21.70	21.70	23.0	0.0

n26(FCC)_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.80	23.82	23.78	25.2	0.0
20	QPSK	1	53	23.77	23.79	23.74		
20	QPSK	1	104	23.72	23.77	23.69		
20	QPSK	50	0	22.74	22.80	22.75	24.2	1.0
20	QPSK	50	28	23.77	23.80	23.76	25.2	0.0
20	QPSK	50	56	22.80	22.82	22.78	24.2	1.0
20	QPSK	100	0	22.77	22.79	22.75		
20	16QAM	1	1	22.50	22.52	22.45	24.2	1.0
20	64QAM	1	1	21.11	21.15	21.12	22.7	2.5
20	256QAM	1	1	19.73	19.75	19.71	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.72	23.78	23.70	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.73	23.74	23.69	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.75	23.74	23.74	25.2	0.0

n26(FCC)_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	20.33	20.36	20.28	21.7	0.0
20	QPSK	1	53	20.23	20.23	20.22		
20	QPSK	1	104	20.32	20.20	20.20		
20	QPSK	50	0	20.23	20.25	20.26	21.7	0.0
20	QPSK	50	28	20.27	20.28	20.27	21.7	0.0
20	QPSK	50	56	20.25	20.20	20.20	21.7	0.0
20	QPSK	100	0	20.23	20.27	20.23		
20	16QAM	1	1	20.29	20.26	20.27	21.7	0.0
20	64QAM	1	1	20.30	20.22	20.20	21.7	0.0
20	256QAM	1	1	19.72	19.80	19.77	20.7	1.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.08	20.22	20.20	21.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.09	20.18	20.20	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	20.21	20.12	20.16	21.7	0.0

n66_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.85	23.89	23.87	25.2	0.0
40	QPSK	1	108	23.78	23.85	23.79		
40	QPSK	1	214	23.62	23.67	23.59		
40	QPSK	108	0	22.82	22.85	22.79	24.2	1.0
40	QPSK	108	54	23.83	23.87	23.85	25.2	0.0
40	QPSK	108	108	22.82	22.84	22.83	24.2	1.0
40	QPSK	216	0	22.81	22.85	22.83		
40	16QAM	1	1	22.26	22.32	22.28	24.2	1.0
40	64QAM	1	1	20.84	20.91	20.88	22.7	2.5
40	256QAM	1	1	19.49	19.51	19.43	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.77	23.79	23.77	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.76	23.79	23.77	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.77	23.82	23.80	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.78	23.82	23.82	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.77	23.83	23.82	25.2	0.0

n66_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.86	18.00	17.99	19.2	0.0
40	QPSK	1	108	17.84	17.89	17.91		
40	QPSK	1	214	17.80	17.89	17.89		
40	QPSK	108	0	17.81	17.92	17.89	19.2	0.0
40	QPSK	108	54	17.85	17.96	17.95	19.2	0.0
40	QPSK	108	108	17.80	17.92	17.87	19.2	0.0
40	QPSK	216	0	17.86	17.94	17.93		
40	16QAM	1	1	17.71	17.82	17.78	19.2	0.0
40	64QAM	1	1	17.78	17.79	17.77	19.2	0.0
40	256QAM	1	1	17.80	17.80	17.76	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.72	17.79	17.80	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.76	17.83	17.87	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.74	17.86	17.83	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.82	17.91	17.89	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.78	17.86	17.80	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.58	23.66	23.63	24.5	0.0
40	QPSK	1	108	23.55	23.65	23.60		
40	QPSK	1	214	23.35	23.40	23.37		
40	QPSK	108	0	22.51	22.56	22.53	23.5	1.0
40	QPSK	108	54	23.55	23.63	23.60	24.5	0.0
40	QPSK	108	108	22.50	22.55	22.53	23.5	1.0
40	QPSK	216	0	22.53	22.60	22.58		
40	16QAM	1	1	22.06	22.12	22.05	23.5	1.0
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5
40	256QAM	1	1	19.26	19.31	19.25	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.49	23.58	23.52	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.50	23.56	23.58	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	23.98	24.00	23.96	25.2	0.0
40	QPSK	1	53	23.83	23.88	23.82		
40	QPSK	1	104	23.90	23.93	23.91		
40	QPSK	50	0	22.73	22.81	22.76	24.2	1.0
40	QPSK	50	28	23.96	23.98	23.95	25.2	0.0
40	QPSK	50	56	22.78	22.80	22.75	24.2	1.0
40	QPSK	100	0	22.78	22.81	22.77		
40	16QAM	1	1	22.64	22.67	22.60	24.2	1.0
40	64QAM	1	1	21.18	21.21	21.19	22.7	2.5
40	256QAM	1	1	19.74	19.76	19.69	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.92	23.93	23.87	25.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.91	23.90	23.91	25.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.92	23.93	23.91	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.89	23.94	23.92	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	13.66	13.78	13.72	14.7	0.0
40	QPSK	1	53	13.48	13.47	13.48		
40	QPSK	1	104	13.46	13.56	13.58		
40	QPSK	50	0	13.50	13.59	13.68	14.7	0.0
40	QPSK	50	28	13.59	13.73	13.71	14.7	0.0
40	QPSK	50	56	13.56	13.69	13.58	14.7	0.0
40	QPSK	100	0	13.58	13.65	13.62		
40	16QAM	1	1	13.44	13.50	13.44	14.7	0.0
40	64QAM	1	1	13.45	13.58	13.45	14.7	0.0
40	256QAM	1	1	13.52	13.55	13.55	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	13.48	13.53	13.48	14.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.39	13.44	13.49	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	13.36	13.46	13.47	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	13.44	13.54	13.54	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	21.13	21.22	21.15	22.5	0.0
40	QPSK	1	53	20.98	21.09	20.95		
40	QPSK	1	104	20.97	20.99	21.01		
40	QPSK	50	0	20.97	20.95	20.89	22.5	0.0
40	QPSK	50	28	21.06	21.10	21.05	22.5	0.0
40	QPSK	50	56	21.05	20.97	20.99	22.5	0.0
40	QPSK	100	0	21.04	21.06	20.95		
40	16QAM	1	1	20.93	21.00	20.95	22.5	0.0
40	64QAM	1	1	20.42	20.50	20.42	22.0	0.5
40	256QAM	1	1	19.02	19.04	19.00	20.0	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.02	20.99	20.90	22.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.99	21.04	20.92	22.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.99	20.96	21.01	22.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.03	20.99	20.94	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	24.00	24.02	23.97	25.2	0.0
100	QPSK	1	137	23.89	23.95	23.93		
100	QPSK	1	271	23.77	23.82	23.79		
100	QPSK	135	0	22.81	22.89	22.86	24.2	1.0
100	QPSK	135	69	23.97	23.99	23.95	25.2	0.0
100	QPSK	135	138	22.86	22.88	22.83	24.2	1.0
100	QPSK	270	0	22.90	22.93	22.88		
100	16QAM	1	1	22.50	22.57	22.51	24.2	1.0
100	64QAM	1	1	21.04	21.12	21.05	22.7	2.5
100	256QAM	1	1	19.77	19.84	19.82	20.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.94	23.93	23.93	25.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.91	23.97	23.91	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.93	23.93	23.90	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.93	23.96	23.92	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.90	23.92	23.89	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.94	23.96	23.92	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.89	23.97	23.93	25.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.89	23.96	23.91	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	13.81	13.86	13.82	14.7	0.0
100	QPSK	1	137	13.62	13.72	13.69		
100	QPSK	1	271	13.59	13.64	13.76		
100	QPSK	135	0	13.57	13.73	13.78	14.7	0.0
100	QPSK	135	69	13.72	13.82	13.78	14.7	0.0
100	QPSK	135	138	13.67	13.70	13.72	14.7	0.0
100	QPSK	270	0	13.69	13.76	13.72		
100	16QAM	1	1	13.57	13.69	13.59	14.7	0.0
100	64QAM	1	1	13.66	13.68	13.66	14.7	0.0
100	256QAM	1	1	13.60	13.66	13.58	14.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.40	13.48	13.59	14.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.44	13.51	13.49	14.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	13.41	13.50	13.49	14.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.44	13.49	13.51	14.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.39	13.52	13.57	14.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.51	13.46	13.57	14.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.46	13.46	13.57	14.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.43	13.50	13.53	14.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	21.26	21.31	21.21	22.5	0.0
100	QPSK	1	137	21.22	21.14	21.11		
100	QPSK	1	271	21.20	21.26	21.19		
100	QPSK	135	0	21.15	21.21	21.17	22.5	0.0
100	QPSK	135	69	21.24	21.26	21.18	22.5	0.0
100	QPSK	135	138	21.15	21.19	21.16	22.5	0.0
100	QPSK	270	0	21.12	21.17	21.06		
100	16QAM	1	1	21.24	21.26	21.18	22.5	0.0
100	64QAM	1	1	20.27	20.31	20.27	22.0	0.5
100	256QAM	1	1	18.98	19.03	19.00	20.0	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.05	20.99	21.01	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.97	21.09	20.91	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.95	21.05	21.02	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.01	21.00	20.90	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.98	21.03	20.98	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.99	21.03	20.98	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.08	21.01	20.93	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.04	21.11	20.93	22.5	0.0

Reduced Power Mode for ECI 3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		23.19		24.7	0.0
25	QPSK	1	65		23.15			
25	QPSK	1	131		23.08			
25	QPSK	64	0		22.70		24.2	0.5
25	QPSK	64	32		23.19		24.7	0.0
25	QPSK	64	66		22.75		24.2	0.5
25	QPSK	128	0		22.70			
25	16QAM	1	1		22.50		24.2	0.5
25	64QAM	1	1		21.00		22.7	2.0
25	256QAM	1	1		19.66		20.7	4.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.11	23.10	23.00	24.7	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.23	23.12	23.08	24.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.18	23.12	23.05	24.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.11	23.14	23.03	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		23.88		25.2	0.0
25	QPSK	1	65		23.83			
25	QPSK	1	131		23.81			
25	QPSK	64	0		22.88		24.2	1.0
25	QPSK	64	32		23.85		25.2	0.0
25	QPSK	64	66		22.90		24.2	1.0
25	QPSK	128	0		22.94			
25	16QAM	1	1		22.51		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.72		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.71	23.72	23.72	25.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.74	23.77	23.72	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.71	23.77	23.71	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.74	23.77	23.70	25.2	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	18.62	18.93	18.60	20.2	0.0
50	QPSK	1	135	18.57	18.85	18.56		
50	QPSK	1	268	18.55	18.79	18.59		
50	QPSK	135	0	18.52	18.88	18.58	20.2	0.0
50	QPSK	135	68	18.59	18.90	18.59	20.2	0.0
50	QPSK	135	135	18.53	18.79	18.52	20.2	0.0
50	QPSK	270	0	18.50	18.88	18.47		
50	16QAM	1	1	18.52	18.78	18.50	20.2	0.0
50	64QAM	1	1	18.55	18.85	18.51	20.2	0.0
50	256QAM	1	1	18.59	18.91	18.49	20.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.38	18.69	18.34	20.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.41	18.68	18.40	20.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.43	18.75	18.38	20.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	18.36	18.69	18.41	20.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.36	18.65	18.41	20.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.42	18.70	18.36	20.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.31	18.65	18.37	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	14.38	14.49	14.36	15.2	0.0
50	QPSK	1	135	14.32	14.46	14.30		
50	QPSK	1	268	14.20	14.34	14.33		
50	QPSK	135	0	14.32	14.37	14.25	15.2	0.0
50	QPSK	135	68	14.35	14.44	14.32	15.2	0.0
50	QPSK	135	135	14.31	14.30	14.28	15.2	0.0
50	QPSK	270	0	14.21	14.40	14.19		
50	16QAM	1	1	14.31	14.44	14.18	15.2	0.0
50	64QAM	1	1	14.31	14.22	14.32	15.2	0.0
50	256QAM	1	1	14.23	14.41	14.26	15.2	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.27	14.32	14.28	15.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.30	14.35	14.29	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	14.19	14.36	14.34	15.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	14.30	14.29	14.27	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	14.24	14.39	14.31	15.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.28	14.33	14.31	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	14.32	14.36	14.26	15.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	18.10	18.20	18.09	19.5	0.0
50	QPSK	1	135	17.98	17.98	18.06		
50	QPSK	1	268	17.98	18.00	17.93		
50	QPSK	135	0	17.87	18.03	18.02	19.5	0.0
50	QPSK	135	68	18.02	18.13	18.08	19.5	0.0
50	QPSK	135	135	17.95	18.11	17.94	19.5	0.0
50	QPSK	270	0	18.03	18.04	18.01		
50	16QAM	1	1	18.05	17.97	17.98	19.5	0.0
50	64QAM	1	1	17.98	18.02	17.95	19.5	0.0
50	256QAM	1	1	17.96	18.12	17.89	19.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.88	17.89	17.96	19.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.81	18.01	17.84	19.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.82	17.97	17.96	19.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.83	17.92	17.88	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.87	17.90	17.84	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.79	17.98	17.94	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.85	17.92	17.94	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.27	23.29	23.22	24.7	0.0
20	QPSK	1	53	23.25	23.22	23.10		
20	QPSK	1	104	23.18	23.21	23.20		
20	QPSK	50	0	22.74	22.80	22.75	24.2	0.5
20	QPSK	50	28	23.25	23.26	23.19	24.7	0.0
20	QPSK	50	56	22.80	22.82	22.78	24.2	0.5
20	QPSK	100	0	22.77	22.79	22.75		
20	16QAM	1	1	22.50	22.52	22.45	24.2	0.5
20	64QAM	1	1	21.11	21.15	21.12	22.7	2.0
20	256QAM	1	1	19.73	19.75	19.71	20.7	4.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.17	23.25	23.12	24.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.19	23.18	23.23	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	23.15	23.28	23.25	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.83	23.85	23.81	25.2	0.0
20	QPSK	1	53	23.81	23.83	23.76		
20	QPSK	1	104	23.72	23.80	23.74		
20	QPSK	50	0	22.75	22.83	22.75	24.2	1.0
20	QPSK	50	28	23.81	23.83	23.79	25.2	0.0
20	QPSK	50	56	22.85	22.87	22.83	24.2	1.0
20	QPSK	100	0	22.83	22.85	22.81		
20	16QAM	1	1	22.49	22.55	22.51	24.2	1.0
20	64QAM	1	1	21.15	21.18	21.10	22.7	2.5
20	256QAM	1	1	19.72	19.80	19.77	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.79	23.80	23.75	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.77	23.79	23.72	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.75	23.75	23.76	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.99	19.99	19.92	21.2	0.0
40	QPSK	1	108	19.77	19.81	19.90		
40	QPSK	1	214	19.66	19.84	19.73		
40	QPSK	108	0	19.70	19.73	19.82	21.2	0.0
40	QPSK	108	54	19.86	19.88	19.83	21.2	0.0
40	QPSK	108	108	19.76	19.85	19.79	21.2	0.0
40	QPSK	216	0	19.71	19.75	19.72		
40	16QAM	1	1	19.66	19.75	19.75	21.2	0.0
40	64QAM	1	1	19.65	19.84	19.69	21.2	0.0
40	256QAM	1	1	19.49	19.51	19.43	20.7	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.73	19.90	19.79	21.2	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	19.72	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.74	19.78	19.70	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.77	19.81	19.78	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.76	19.77	19.73	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.86	19.10	19.02	20.2	0.0
40	QPSK	1	108	18.82	18.92	18.85		
40	QPSK	1	214	18.84	18.99	18.96		
40	QPSK	108	0	18.86	19.08	18.94	20.2	0.0
40	QPSK	108	54	18.85	19.06	18.91	20.2	0.0
40	QPSK	108	108	18.84	18.94	18.92	20.2	0.0
40	QPSK	216	0	18.86	19.07	18.90		
40	16QAM	1	1	18.86	18.92	19.06	20.2	0.0
40	64QAM	1	1	18.88	18.85	18.99	20.2	0.0
40	256QAM	1	1	18.81	18.93	18.86	20.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.76	19.00	19.00	20.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.76	19.06	18.94	20.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.89	19.01	19.01	20.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.76	18.95	18.93	20.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.83	19.03	18.99	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.58	23.66	23.63	24.5	0.0
40	QPSK	1	yyy	23.55	23.65	23.60		
40	QPSK	1	214	23.35	23.40	23.37		
40	QPSK	108	0	22.51	22.56	22.53	23.5	1.0
40	QPSK	108	54	23.55	23.63	23.60	24.5	0.0
40	QPSK	108	108	22.50	22.55	22.53	23.5	1.0
40	QPSK	216	0	22.53	22.60	22.58		
40	16QAM	1	1	22.06	22.12	22.05	23.5	1.0
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5
40	256QAM	1	1	19.26	19.31	19.25	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.49	23.58	23.52	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.50	23.56	23.58	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	19.08	19.09	19.07	20.2	0.0
40	QPSK	1	53	18.83	18.96	18.83		
40	QPSK	1	104	18.81	19.03	18.91		
40	QPSK	50	0	18.88	18.97	18.92	20.2	0.0
40	QPSK	50	28	18.95	19.06	18.98	20.2	0.0
40	QPSK	50	56	18.88	18.98	18.95	20.2	0.0
40	QPSK	100	0	18.92	19.05	18.95		
40	16QAM	1	1	18.80	19.03	18.86	20.2	0.0
40	64QAM	1	1	18.93	18.99	18.90	20.2	0.0
40	256QAM	1	1	18.89	18.90	18.84	20.2	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.80	19.00	18.83	20.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.87	18.99	18.89	20.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.91	19.02	18.96	20.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.86	18.93	18.85	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	14.50	14.52	14.51	15.7	0.0
40	QPSK	1	53	14.39	14.41	14.33		
40	QPSK	1	104	14.25	14.28	14.42		
40	QPSK	50	0	14.24	14.39	14.26	15.7	0.0
40	QPSK	50	28	14.46	14.50	14.49	15.7	0.0
40	QPSK	50	56	14.22	14.31	14.37	15.7	0.0
40	QPSK	100	0	14.32	14.49	14.25		
40	16QAM	1	1	14.34	14.30	14.30	15.7	0.0
40	64QAM	1	1	14.17	14.31	14.27	15.7	0.0
40	256QAM	1	1	14.35	14.35	14.27	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	14.33	14.35	14.24	15.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	14.37	14.43	14.37	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	14.39	14.40	14.33	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	14.41	14.42	14.31	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	18.05	18.09	17.92	19.5	0.0
40	QPSK	1	53	17.99	18.01	17.85		
40	QPSK	1	104	18.04	17.89	17.84		
40	QPSK	50	0	17.82	17.79	17.97	19.5	0.0
40	QPSK	50	28	17.93	18.06	17.99	19.5	0.0
40	QPSK	50	56	17.92	17.96	17.75	19.5	0.0
40	QPSK	100	0	17.91	17.98	17.97		
40	16QAM	1	1	18.00	17.90	17.83	19.5	0.0
40	64QAM	1	1	17.78	17.90	17.82	19.5	0.0
40	256QAM	1	1	17.80	17.85	17.87	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	17.86	17.92	17.82	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.98	17.88	17.75	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	17.89	17.87	17.76	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	17.97	17.94	17.87	19.5	0.0

16.9 16.9 16.95

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BW [MHz]	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	QPSK	1	1	19.16	19.20	19.10	20.2	0.0
100	QPSK	1	137	18.96	19.10	19.04		
100	QPSK	1	271	18.96	19.10	18.98		
100	QPSK	135	0	18.99	19.07	18.92	20.2	0.0
100	QPSK	135	69	19.06	19.18	19.05	20.2	0.0
100	QPSK	135	138	19.05	19.06	18.95	20.2	0.0
100	QPSK	270	0	19.03	19.14	19.05		
100	16QAM	1	1	19.02	19.10	19.05	20.2	0.0
100	64QAM	1	1	18.95	19.14	18.99	20.2	0.0
100	256QAM	1	1	19.07	19.12	19.05	20.2	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.02	19.12	18.96	20.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.00	19.08	18.97	20.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.94	19.03	18.97	20.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.94	19.06	18.93	20.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.03	19.03	18.99	20.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.95	19.12	18.96	20.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.08	19.10	18.97	20.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.01	19.10	18.99	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	14.59	14.89	14.46	15.7	0.0
100	QPSK	1	137	14.27	14.45	14.24		
100	QPSK	1	271	14.30	14.46	14.36		
100	QPSK	135	0	14.34	14.30	14.23	15.7	0.0
100	QPSK	135	69	14.41	14.52	14.38	15.7	0.0
100	QPSK	135	138	14.40	14.40	14.35	15.7	0.0
100	QPSK	270	0	14.41	14.45	14.34		
100	16QAM	1	1	14.32	14.25	14.37	15.7	0.0
100	64QAM	1	1	14.32	14.28	14.21	15.7	0.0
100	256QAM	1	1	14.39	14.44	14.30	15.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	14.45	14.58	14.50	15.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	14.47	14.56	14.49	15.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	14.49	14.48	14.37	15.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	14.52	14.58	14.50	15.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	14.50	14.46	14.40	15.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	14.43	14.44	14.47	15.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	14.44	14.49	14.51	15.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	14.51	14.55	14.50	15.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	18.07	18.20	17.96	19.5	0.0
100	QPSK	1	137	18.05	17.91	17.94		
100	QPSK	1	271	18.07	17.92	17.85		
100	QPSK	135	0	17.99	17.89	17.92	19.5	0.0
100	QPSK	135	69	18.05	18.17	18.04	19.5	0.0
100	QPSK	135	138	17.88	17.99	18.03	19.5	0.0
100	QPSK	270	0	18.03	18.04	17.93		
100	16QAM	1	1	17.91	18.03	18.02	19.5	0.0
100	64QAM	1	1	17.91	17.93	17.93	19.5	0.0
100	256QAM	1	1	17.94	17.92	17.95	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	18.09	17.99	17.96	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	18.01	17.93	17.97	19.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.09	18.00	17.89	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	18.09	18.04	17.86	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	18.08	17.95	17.87	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	17.97	17.96	17.92	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	17.97	18.06	17.89	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.01	17.96	17.88	19.5	0.0

Reduced Power Mode for ECI 4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		23.83		25.2	0.0
25	QPSK	1	65		23.81			
25	QPSK	1	131		23.75			
25	QPSK	64	0		22.83		24.2	1.0
25	QPSK	64	32		23.81		25.2	0.0
25	QPSK	64	66		22.86		24.2	1.0
25	QPSK	128	0		22.85			
25	16QAM	1	1		22.48		24.2	1.0
25	64QAM	1	1		21.05		22.7	2.5
25	256QAM	1	1		19.67		20.7	4.5
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	23.76	23.72	23.74	25.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.69	23.67	23.71	25.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.67	23.71	23.66	25.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.75	23.68	23.65	25.2	0.0

n5_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					167300			
Frequency (MHz)					836.5			
25	QPSK	1	1		19.41		20.7	0.0
25	QPSK	1	65		19.28			
25	QPSK	1	131		19.23			
25	QPSK	64	0		19.27		20.7	0.0
25	QPSK	64	32		19.35		20.7	0.0
25	QPSK	64	66		19.30		20.7	0.0
25	QPSK	128	0		19.24			
25	16QAM	1	1		19.23		20.7	0.0
25	64QAM	1	1		19.24		20.7	0.0
25	256QAM	1	1		19.22		20.7	0.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	19.03	19.08	19.14	20.7	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	19.07	19.02	19.09	20.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	18.94	18.97	19.04	20.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	19.00	19.09	19.08	20.7	0.0

n7_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	24.02	24.05	24.00	25.2	0.0
50	QPSK	1	135	23.97	24.00	23.98		
50	QPSK	1	268	23.92	23.99	23.93		
50	QPSK	135	0	22.94	22.99	22.95	24.2	1.0
50	QPSK	135	68	24.00	24.03	23.98	25.2	0.0
50	QPSK	135	135	22.98	23.00	22.97	24.2	1.0
50	QPSK	270	0	23.00	23.02	22.98		
50	16QAM	1	1	22.51	22.56	22.49	24.2	1.0
50	64QAM	1	1	21.04	21.12	21.05	22.7	2.5
50	256QAM	1	1	19.67	19.72	19.67	20.7	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.97	23.99	23.92	25.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.95	24.01	23.92	25.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.92	23.95	23.95	25.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	23.94	24.00	23.94	25.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.95	23.96	23.94	25.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.97	23.96	23.91	25.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.92	24.01	23.94	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	12.72	12.79	12.69	13.7	0.0
50	QPSK	1	135	12.70	12.57	12.63		
50	QPSK	1	268	12.56	12.62	12.56		
50	QPSK	135	0	12.48	12.68	12.50	13.7	0.0
50	QPSK	135	68	12.62	12.73	12.66	13.7	0.0
50	QPSK	135	135	12.48	12.62	12.53	13.7	0.0
50	QPSK	270	0	12.60	12.67	12.65		
50	16QAM	1	1	12.60	12.65	12.52	13.7	0.0
50	64QAM	1	1	12.63	12.64	12.60	13.7	0.0
50	256QAM	1	1	12.50	12.59	12.52	13.7	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	12.41	12.60	12.51	13.7	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	12.33	12.56	12.52	13.7	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	12.34	12.50	12.42	13.7	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	12.35	12.49	12.43	13.7	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	12.34	12.55	12.50	13.7	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	12.44	12.55	12.51	13.7	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	12.46	12.50	12.45	13.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	QPSK	1	1	20.75	20.79	20.68	22.0	0.0
50	QPSK	1	135	20.70	20.55	20.63		
50	QPSK	1	268	20.63	20.58	20.53		
50	QPSK	135	0	20.59	20.64	20.51	22.0	0.0
50	QPSK	135	68	20.63	20.71	20.62	22.0	0.0
50	QPSK	135	135	20.51	20.69	20.61	22.0	0.0
50	QPSK	270	0	20.62	20.65	20.53		
50	16QAM	1	1	20.54	20.59	20.58	22.0	0.0
50	64QAM	1	1	20.42	20.45	20.39	22.0	0.0
50	256QAM	1	1	19.00	19.04	19.00	20.0	2.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.59	20.46	20.56	22.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.60	20.59	20.51	22.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.54	20.51	20.54	22.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	20.55	20.49	20.54	22.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.61	20.46	20.52	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.61	20.46	20.55	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.49	20.57	20.57	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	23.80	23.82	23.78	25.2	0.0
20	QPSK	1	53	23.77	23.79	23.74		
20	QPSK	1	104	23.72	23.77	23.69		
20	QPSK	50	0	22.74	22.80	22.75	24.2	1.0
20	QPSK	50	28	23.77	23.80	23.76	25.2	0.0
20	QPSK	50	56	22.80	22.82	22.78	24.2	1.0
20	QPSK	100	0	22.77	22.79	22.75		
20	16QAM	1	1	22.50	22.52	22.45	24.2	1.0
20	64QAM	1	1	21.11	21.15	21.12	22.7	2.5
20	256QAM	1	1	19.73	19.75	19.71	20.7	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.72	23.78	23.70	25.2	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.73	23.74	23.69	25.2	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.75	23.74	23.74	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	QPSK	1	1	19.69	19.80	19.66	20.7	0.0
20	QPSK	1	53	19.65	19.59	19.63		
20	QPSK	1	104	19.60	19.64	19.61		
20	QPSK	50	0	19.55	19.71	19.53	20.7	0.0
20	QPSK	50	28	19.60	19.73	19.60	20.7	0.0
20	QPSK	50	56	19.53	19.58	19.58	20.7	0.0
20	QPSK	100	0	19.52	19.69	19.53		
20	16QAM	1	1	19.65	19.54	19.58	20.7	0.0
20	64QAM	1	1	19.52	19.49	19.52	20.7	0.0
20	256QAM	1	1	19.50	19.54	19.60	20.7	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	19.50	19.49	19.51	20.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	19.50	19.56	19.61	20.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	19.62	19.53	19.62	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.85	23.89	23.87	25.2	0.0
40	QPSK	1	108	23.78	23.85	23.79		
40	QPSK	1	214	23.62	23.67	23.59		
40	QPSK	108	0	22.82	22.85	22.79	24.2	1.0
40	QPSK	108	54	23.83	23.87	23.85	25.2	0.0
40	QPSK	108	108	22.82	22.84	22.83	24.2	1.0
40	QPSK	216	0	22.81	22.85	22.83		
40	16QAM	1	1	22.26	22.32	22.28	24.2	1.0
40	64QAM	1	1	20.84	20.91	20.88	22.7	2.5
40	256QAM	1	1	19.49	19.51	19.43	20.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.77	23.79	23.77	25.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.76	23.79	23.77	25.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.77	23.82	23.80	25.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.78	23.82	23.82	25.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.77	23.83	23.82	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.92	16.99	16.97	18.2	0.0
40	QPSK	1	108	16.88	16.81	16.94		
40	QPSK	1	214	16.73	16.87	16.91		
40	QPSK	108	0	16.77	16.85	16.88	18.2	0.0
40	QPSK	108	54	16.89	16.98	16.97	18.2	0.0
40	QPSK	108	108	16.71	16.89	16.77	18.2	0.0
40	QPSK	216	0	16.79	16.92	16.89		
40	16QAM	1	1	16.72	16.73	16.70	18.2	0.0
40	64QAM	1	1	16.80	16.78	16.69	18.2	0.0
40	256QAM	1	1	16.70	16.78	16.80	18.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.64	16.69	16.66	18.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.69	16.75	16.66	18.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.69	16.64	16.75	18.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.63	16.64	16.69	18.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.58	16.70	16.68	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	23.58	23.66	23.63	24.5	0.0
40	QPSK	1	108	23.55	23.65	23.60		
40	QPSK	1	214	23.35	23.40	23.37		
40	QPSK	108	0	22.51	22.56	22.53	23.5	1.0
40	QPSK	108	54	23.55	23.63	23.60	24.5	0.0
40	QPSK	108	108	22.50	22.55	22.53	23.5	1.0
40	QPSK	216	0	22.53	22.60	22.58		
40	16QAM	1	1	22.06	22.12	22.05	23.5	1.0
40	64QAM	1	1	20.59	20.65	20.58	22.0	2.5
40	256QAM	1	1	19.26	19.31	19.25	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	23.51	23.61	23.53	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	23.53	23.59	23.56	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.49	23.58	23.52	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	23.51	23.61	23.54	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.50	23.56	23.58	24.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	23.98	24.00	23.96	25.2	0.0
40	QPSK	1	53	23.83	23.88	23.82		
40	QPSK	1	104	23.90	23.93	23.91		
40	QPSK	50	0	22.73	22.81	22.76	24.2	1.0
40	QPSK	50	28	23.96	23.98	23.95	25.2	0.0
40	QPSK	50	56	22.78	22.80	22.75	24.2	1.0
40	QPSK	100	0	22.78	22.81	22.77		
40	16QAM	1	1	22.64	22.67	22.60	24.2	1.0
40	64QAM	1	1	21.18	21.21	21.19	22.7	2.5
40	256QAM	1	1	19.74	19.76	19.69	20.7	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.92	23.93	23.87	25.2	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.91	23.90	23.91	25.2	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.92	23.93	23.91	25.2	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.89	23.94	23.92	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	12.63	12.76	12.74	13.7	0.0
40	QPSK	1	53	12.40	12.43	12.43		
40	QPSK	1	104	12.37	12.52	12.59		
40	QPSK	50	0	12.53	12.53	12.57	13.7	0.0
40	QPSK	50	28	12.62	12.72	12.69	13.7	0.0
40	QPSK	50	56	12.55	12.66	12.53	13.7	0.0
40	QPSK	100	0	12.60	12.64	12.52		
40	16QAM	1	1	12.33	12.50	12.47	13.7	0.0
40	64QAM	1	1	12.35	12.57	12.42	13.7	0.0
40	256QAM	1	1	12.46	12.57	12.54	13.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	12.35	12.43	12.33	13.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	12.35	12.45	12.34	13.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	12.45	12.37	12.40	13.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	12.33	12.46	12.43	13.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	QPSK	1	1	20.05	20.22	20.05	21.5	0.0
40	QPSK	1	53	19.91	20.11	19.98		
40	QPSK	1	104	19.88	20.01	19.91		
40	QPSK	50	0	19.93	19.94	19.92	21.5	0.0
40	QPSK	50	28	20.03	20.11	19.94	21.5	0.0
40	QPSK	50	56	20.00	19.97	19.91	21.5	0.0
40	QPSK	100	0	20.07	20.08	19.93		
40	16QAM	1	1	20.04	20.03	20.00	21.5	0.0
40	64QAM	1	1	19.93	20.08	19.97	21.5	0.0
40	256QAM	1	1	19.02	19.04	19.00	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	19.97	20.08	20.08	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.02	20.02	19.97	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	20.02	20.04	19.95	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	19.98	20.07	19.99	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	24.00	24.02	23.97	25.2	0.0
100	QPSK	1	137	23.89	23.95	23.93		
100	QPSK	1	271	23.77	23.82	23.79		
100	QPSK	135	0	22.81	22.89	22.86	24.2	1.0
100	QPSK	135	69	23.97	23.99	23.95	25.2	0.0
100	QPSK	135	138	22.86	22.88	22.83	24.2	1.0
100	QPSK	270	0	22.90	22.93	22.88		
100	16QAM	1	1	22.50	22.57	22.51	24.2	1.0
100	64QAM	1	1	21.04	21.12	21.05	22.7	2.5
100	256QAM	1	1	19.77	19.84	19.82	20.7	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.94	23.93	23.93	25.2	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.91	23.97	23.91	25.2	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.93	23.93	23.90	25.2	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.93	23.96	23.92	25.2	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.90	23.92	23.89	25.2	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.94	23.96	23.92	25.2	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.89	23.97	23.93	25.2	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.89	23.96	23.91	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	12.87	12.94	12.87	13.7	0.0
100	QPSK	1	137	12.61	12.67	12.66		
100	QPSK	1	271	12.57	12.64	12.85		
100	QPSK	135	0	12.57	12.73	12.73	13.7	0.0
100	QPSK	135	69	12.79	12.91	12.83	13.7	0.0
100	QPSK	135	138	12.68	12.77	12.81	13.7	0.0
100	QPSK	270	0	12.64	12.83	12.78		
100	16QAM	1	1	12.52	12.67	12.63	13.7	0.0
100	64QAM	1	1	12.68	12.74	12.65	13.7	0.0
100	256QAM	1	1	12.56	12.69	12.57	13.7	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	12.33	12.39	12.54	13.7	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	12.24	12.36	12.49	13.7	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	12.32	12.45	12.53	13.7	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.35	12.35	12.51	13.7	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.26	12.39	12.48	13.7	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	12.33	12.31	12.50	13.7	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.25	12.33	12.55	13.7	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	12.35	12.39	12.48	13.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	QPSK	1	1	20.33	20.41	20.34	21.5	0.0
100	QPSK	1	137	20.28	20.22	20.14		
100	QPSK	1	271	20.21	20.30	20.24		
100	QPSK	135	0	20.23	20.23	20.25	21.5	0.0
100	QPSK	135	69	20.27	20.28	20.28	21.5	0.0
100	QPSK	135	138	20.25	20.15	20.19	21.5	0.0
100	QPSK	270	0	20.17	20.27	20.16		
100	16QAM	1	1	20.02	19.89	19.86	21.5	0.0
100	64QAM	1	1	20.03	19.92	19.94	21.5	0.0
100	256QAM	1	1	18.98	19.03	19.00	20.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.94	19.86	19.92	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.04	19.89	19.88	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.90	19.91	19.90	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.97	19.94	19.93	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.95	19.86	19.88	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.94	19.89	19.91	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.00	19.96	19.99	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.94	19.85	19.98	21.5	0.0

WIFI&BT Power

<WLAN 2.4GHz_FCC>

				Full Power		Head(Receiver on) Standalone		Head(Receiver on) Simultaneous		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous&Hotspot on		Duty Cycle %
				Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
2.4GHz WLAN	802.11b 1Mbps	1	2412	13.50	14.00	13.50	14.00	12.98	13.50	13.50	14.00	13.50	14.00	100.00
		2	2417	17.50	18.00	17.00	17.50	13.00	13.50	17.50	18.00	17.50	18.00	
		6	2437	17.60	18.00	17.05	17.50	13.08	13.50	17.60	18.00	17.60	18.00	
		11	2462	17.60	18.00	17.07	17.50	13.09	13.50	17.60	18.00	17.60	18.00	
	802.11g 6Mbps	1	2412	14.30	15.00	Not Required	15.00	Not Required	13.50	Not Required	15.00	Not Required	15.00	97.54
		6	2437	16.50	17.00		17.00		13.50		17.00		17.00	
		11	2462	15.50	16.00		16.00		13.50		16.00		16.00	
	802.11n-HT20 MCS0	1	2412	14.40	15.00		15.00		13.50		15.00		15.00	97.38
		6	2437	16.60	17.00		17.00		13.50		17.00		17.00	
		11	2462	14.60	15.00		15.00		13.50		15.00		15.00	
	802.11n-HT40 MCS0	3	2422	11.90	13.00		13.00		13.00		13.00		13.00	94.74
		4	2427	12.80	14.00		14.00		13.50		14.00		14.00	
		5	2432	15.30	16.50		16.50		13.50		16.50		16.50	
		6	2437	15.90	16.50		16.50		13.50		16.50		16.50	
		8	2447	13.40	14.50		14.50		13.50		13.50		14.50	
		9	2452	12.50	13.50		13.50		13.50		13.50		13.50	
	802.11ac-VHT20 MCS0	1	2412	Not Required	15.00		15.00		13.50		15.00		15.00	97.38
		6	2437		17.00		17.00		13.50		17.00		17.00	
		11	2462		15.00		15.00		13.50		15.00		15.00	
	802.11ac-VHT40 MCS0	3	2422		13.00		13.00		13.00		13.00		13.00	94.74
		4	2427		14.00		14.00		13.50		14.00		14.00	
		5	2432		16.50		16.50		13.50		16.50		16.50	
		6	2437		16.50		16.50		13.50		16.50		16.50	
		8	2447		14.50		14.50		13.50		13.50		14.50	
		9	2452		13.50		13.50		13.50		13.50		13.50	

<WLAN 5GHz_FCC>

				Full Power		Head(Receiver on) Standalone		Head(Receiver on) Simultaneous(WWAN+5G)		Head(Receiver on) Simultaneous(WWAN+5G+BT)		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous&Hotspot on		Body(Receiver off) Simultaneous(WWAN+5G+BT)		Duty Cycle %
				Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.74	18.50	Not Required	13.50	Not Required	10.50	Not Required	10.00	Not Required	17.50	Not Required	16.00	Not Required	15.50	97.20
		40	5200	17.62	19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		44	5220	18.23	20.00		13.50		10.50		10.00		17.50		16.00		15.50	
		48	5240	18.18	20.00		13.50		10.50		10.00		17.50		16.00		15.50	
	802.11n-HT20 MCS0	36	5180	16.77	18.50		13.50		10.50		10.00		17.50		16.00		15.50	97.39
		40	5200	17.65	19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		44	5220	18.32	20.00		13.50		10.50		10.00		17.50		16.00		15.50	
		48	5240	18.24	20.00		13.50		10.50		10.00		17.50		16.00		15.50	
	802.11n-HT40 MCS0	38	5190	12.59	14.50	11.52	13.50		10.50		10.00	12.59	14.50	12.59	14.50	12.59	14.50	94.74
		46	5230	16.68	18.50	11.61	13.50		10.50		10.00	15.62	17.50	14.28	16.00	13.62	15.50	
	802.11ac-VHT20 MCS0	36	5180	Not Required	18.50	Not Required	13.50		10.50		10.00	Not Required	17.50	Not Required	16.00	Not Required	15.50	97.39
		40	5200		19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		44	5220		20.00		13.50		10.50		10.00		17.50		16.00		15.50	
		48	5240		20.00		13.50		10.50		10.00		17.50		16.00		15.50	
	802.11ac-VHT40 MCS0	38	5190		14.50		13.50		10.50		10.00		14.50		14.50		14.50	94.74
		46	5230		16.50		13.50		10.50		10.00		17.50		16.00		15.50	
	802.11ac-VHT80 MCS0	42	5210	10.54	12.50	10.54	12.50	8.58	10.50	8.06	10.00	10.54	12.50	10.54	12.50	10.54	12.50	90.56

				Full Power		Head(Receiver on) Standalone		Head(Receiver on) Simultaneous(WWAN+5G)		Head(Receiver on) Simultaneous(WWAN+5G+BT)		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous		Body(Receiver off) Simultaneous(WWAN+5G+BT)		Duty Cycle %
				Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.21	20.00	Not Required	13.50	Not Required	10.50	Not Required	10.00	Not Required	17.50	Not Required	16.00	Not Required	15.50	97.20
		56	5280	17.63	19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		60	5300	16.50	18.50		13.50		10.50		10.00		17.50		16.00		15.50	
		64	5320	14.54	16.50		13.50		10.50		10.00		16.50		16.00		15.50	
	802.11n-HT20 MCS0	52	5260	18.42	20.00		13.50		10.50		10.00		17.50		16.00		15.50	97.39
		56	5280	17.65	19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		60	5300	16.50	18.50		13.50		10.50		10.00		17.50		16.00		15.50	
		64	5320	14.59	16.50		13.50		10.50		10.00		16.50		16.00		15.50	
	802.11n-HT40 MCS0	54	5270	16.61	18.50	11.56	13.50		10.50		10.00	15.52	17.50	14.06	16.00	13.61	15.50	94.74
		62	5310	12.06	14.00	11.52	13.50		10.50		10.00	12.06	14.00	12.06	14.00	12.06	14.00	
	802.11ac-VHT20 MCS0	52	5260	Not Required	20.00	Not Required	13.50		10.50		10.00	Not Required	17.50	Not Required	16.00	Not Required	15.50	97.39
		56	5280		19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		60	5300		18.50		13.50		10.50		10.00		17.50		16.00		15.50	
		64	5320		16.50		13.50		10.50		10.00		16.50		16.00		15.50	
	802.11ac-VHT40 MCS0	54	5270		18.50		13.50		10.50		10.00		17.50		16.00		15.50	94.74
		62	5310		14.00		13.50		10.50		10.00		14.00		14.00		14.00	
	802.11ac-VHT80 MCS0	58	5290	10.02	12.00	10.02	12.00	8.56	10.50	8.04	10.00	10.02	12.00	10.02	12.00	10.02	12.00	90.56

				Full Power		Head(Receiver on) Standalone		Head(Receiver on) Simultaneous(WWAN+5G)		Head(Receiver on) Simultaneous(WWAN+5G+BT)		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous		Body(Receiver off) Simultaneous(WWAN+5G+BT)		Duty Cycle %
				Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	12.59	14.50	Not Required	13.50	Not Required	10.50	Not Required	10.00	Not Required	14.50	Not Required	14.50	Not Required	14.50	97.20
		116	5580	18.64	20.50		13.50		10.50		10.00		17.50		16.00		15.50	
		124	5620	18.59	20.50		13.50		10.50		10.00		17.50		16.00		15.50	
		132	5660	17.58	19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		140	5700	12.57	14.50		13.50		10.50		10.00		14.50		14.50		14.50	
	802.11n-HT20 MCS0	100	5500	12.62	14.50		13.50		10.50		10.00		14.50		14.50		14.50	97.39
		116	5580	18.67	20.50		13.50		10.50		10.00		17.50		16.00		15.50	
		124	5620	18.62	20.50		13.50		10.50		10.00		17.50		16.00		15.50	
		132	5660	17.61	19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		140	5700	12.62	14.50		13.50		10.50		10.00		14.50		14.50		14.50	
	802.11n-HT40 MCS0	102	5510	10.07	12.00		12.00		10.50		10.00		12.00		12.00		12.00	94.74
		110	5550	16.69	18.50		13.50		10.50		10.00		17.50		16.00		15.50	
		126	5630	17.61	19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		134	5670	13.57	15.50		13.50		10.50		10.00		15.50		15.50		15.50	
	802.11ac-VHT20 MCS0	100	5500	Not Required	15.00		13.50		10.50		10.00		15.00		15.00		15.00	97.39
		116	5580		20.50		13.50		10.50		10.00		17.50		16.00		15.50	
		124	5620		20.50		13.50		10.50		10.00		17.50		16.00		15.50	
		132	5660		19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		140	5700		14.50		13.50		10.50		10.00		14.50		14.50		14.50	
	802.11ac-VHT40 MCS0	102	5510		12.00		12.00		10.50		10.00		12.00		12.00		12.00	94.74
		110	5550		18.50		13.50		10.50		10.00		17.50		16.00		15.50	
		126	5630		19.50		13.50		10.50		10.00		17.50		16.00		15.50	
		134	5670		15.50		13.50		10.50		10.00		15.50		15.50		15.50	
	802.11ac-VHT80 MCS0	106	5530	11.11	13.00	11.11	13.00	8.51	10.50	8.03	10.00	11.11	13.00	11.11	13.00	11.11	13.00	90.56
		122	5610	15.65	17.50	11.63	13.50	8.58	10.50	8.06	10.00	15.65	17.50	14.10	16.00	13.58	15.50	

				Full Power		Head(Receiver on) Standalone		Head(Receiver on) Simultaneous(WWAN+5G)		Head(Receiver on) Simultaneous(WWAN+5G+BT)		Body(Receiver off) Standalone		Body(Receiver off) Simultaneous&Hotspot on		Body(Receiver off) Simultaneous(WWAN+5G+BT)		Duty Cycle %
				Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		Ant 7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.78	20.50	Not Required	13.50	Not Required	10.50	Not Required	10.00	Not Required	17.50	Not Required	16.00	Not Required	15.50	97.20
		157	5785	18.67	20.50		13.50		10.50		10.00		17.50		16.00		15.50	
		165	5825	18.73	20.50		13.50		10.50		10.00		17.50		16.00		15.50	
	802.11n-HT20 MCS0	149	5745	18.81	20.50		13.50		10.50		10.00		17.50		16.00		15.50	97.38
		157	5785	18.71	20.50		13.50		10.50		10.00		17.50		16.00		15.50	
		165	5825	18.77	20.50		13.50		10.50		10.00		17.50		16.00		15.50	
	802.11n-HT40 MCS0	151	5755	17.71	19.50		13.50		10.50		10.00		17.50		16.00		15.50	94.74
		159	5795	17.69	19.50		13.50		10.50		10.00		17.50		16.00		15.50	
	802.11ac-VHT20 MCS0	149	5745		20.50		13.50		10.50		10.00		17.50		16.00		15.50	97.38
		157	5785		20.50		13.50		10.50		10.00		17.50		16.00		15.50	
		165	5825		20.50		13.50		10.50		10.00		17.50		16.00		15.50	
	802.11ac-VHT40 MCS0	151	5755		19.50		13.50		10.50		10.00		17.50		16.00		15.50	94.74
		159	5795		19.50		13.50		10.50		10.00		17.50		16.00		15.50	
	802.11ac-VHT80 MCS0	155	5775	16.59	18.50	11.55	13.50	8.54	10.50	8.07	10.00	15.53	17.50	14.56	16.00	13.84	15.50	90.56

<Bluetooth>

Mode	Channel	Frequency (MHz)	Ant 7		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	12.10	9.80	9.80
	CH 39	2441	12.20	9.70	9.70
	CH 78	2480	12.10	9.60	9.60
Tune-up Limit			**14**	**11**	**11**

Mode	Channel	Frequency (MHz)	Ant 7	
			Average power (dBm)	
			1Mbps	Tune-up Limit
LE	CH 00	2402	6.20	**8**
	CH 19	2440	7.00	**8**
	CH 39	2480	6.20	**8**

Mode	Channel	Frequency (MHz)	Ant 7	
			Average power (dBm)	
			2Mbps	Tune-up Limit
LE	CH 01	2404	6.10	**8**
	CH 19	2440	6.90	**8**
	CH 38	2478	6.10	**8**