Default & Full Power for Main PA

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	32.19	32.28	32.21	33.50	23.19	23.28	23.21	24.50
GPRS 1 Tx slot	32.29	32.33	32.29	33.50	23.29	23.33	23.29	24.50
GPRS 2 Tx slots	31.51	31.56	31.53	32.50	25.51	25.56	25.53	26.50
GPRS 3 Tx slots	29.75	29.74	29.77	30.50	25.49	25.48	25.51	26.24
GPRS 4 Tx slots	28.62	28.65	28.60	29.50	25.62	25.65	25.60	26.50
EDGE 1 Tx slot	27.24	27.12	27.14	28.00	18.24	18.12	18.14	19.00
EDGE 2 Tx slots	26.29	26.14	26.22	27.00	20.29	20.14	20.22	21.00
EDGE 3 Tx slots	24.31	24.12	24.22	25.00	20.05	19.86	19.96	20.74
EDGE 4 Tx slots	23.10	22.87	23.10	24.00	20.10	19.87	20.10	21.00

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	32.31	32.38	32.28	33.50	23.31	23.38	23.28	24.50
GPRS 1 Tx slot	32.34	32.40	32.36	33.50	23.34	23.40	23.36	24.50
GPRS 2 Tx slots	31.56	31.63	31.61	32.50	25.56	25.63	25.61	26.50
GPRS 3 Tx slots	29.77	29.82	29.81	30.50	25.51	25.56	25.55	26.24
GPRS 4 Tx slots	29.05	29.17	29.15	29.50	26.05	26.17	26.15	26.50
EDGE 1 Tx slot	27.31	27.24	27.32	28.00	18.31	18.24	18.32	19.00
EDGE 2 Tx slots	26.32	26.15	26.23	27.00	20.32	20.15	20.23	21.00
EDGE 3 Tx slots	24.33	24.23	24.31	25.00	20.07	19.97	20.05	20.74
EDGE 4 Tx slots	23.05	23.00	23.12	24.00	20.05	20.00	20.12	21.00

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.94	30.05	29.97	30.50	20.94	21.05	20.97	21.50
GPRS 1 Tx slot	30.00	30.18	30.08	30.50	21.00	21.18	21.08	21.50
GPRS 2 Tx slots	29.13	29.29	29.26	30.00	23.13	23.29	23.26	24.00
GPRS 3 Tx slots	27.33	27.50	27.51	28.00	23.07	23.24	23.25	23.74
GPRS 4 Tx slots	26.25	26.42	26.41	27.00	23.25	23.42	23.41	24.00
EDGE 1 Tx slot	25.63	25.88	25.72	26.50	16.63	16.88	16.72	17.50
EDGE 2 Tx slots	24.50	24.76	24.86	25.50	18.50	18.76	18.86	19.50
EDGE 3 Tx slots	22.23	22.70	22.55	23.00	17.97	18.44	18.29	18.74
EDGE 4 Tx slots	21.02	21.51	21.45	22.00	18.02	18.51	18.45	19.00

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.07	29.09	29.09	29.20	20.07	20.09	20.09	20.20
GPRS 1 Tx slot	29.10	29.15	29.13	29.20	20.10	20.15	20.13	20.20
GPRS 2 Tx slots	28.41	28.43	28.36	28.70	22.41	22.43	22.36	22.70
GPRS 3 Tx slots	26.60	26.63	26.63	26.70	22.34	22.37	22.37	22.44
GPRS 4 Tx slots	25.51	25.55	25.53	25.70	22.51	22.55	22.53	22.70
EDGE 1 Tx slot	24.78	25.05	25.01	25.20	15.78	16.05	16.01	16.20
EDGE 2 Tx slots	23.77	23.98	23.99	24.20	17.77	17.98	17.99	18.20
EDGE 3 Tx slots	21.57	21.56	21.55	21.70	17.31	17.30	17.29	17.44
EDGE 4 Tx slots	20.35	20.51	20.66	20.70	17.35	17.51	17.66	17.70

		24.39	24.42	24.35				23.45		
Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA II_Ant 4			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	24.41	24.48	24.39	25.00	23.38	23.41	23.40	23.70	
3GPP Rel 99	RMC 12.2Kbps	24.47	24.51	24.43	25.00	23.41	23.40	23.45	23.70	
3GPP Rel 6	HSDPA Subtest-1	23.50	23.43	23.23	24.00	22.57	22.51	22.53	22.70	
3GPP Rel 6	HSDPA Subtest-2	23.51	23.42	23.39	24.00	22.56	22.54	22.51	22.70	
3GPP Rel 6	HSDPA Subtest-3	23.01	22.94	22.94	23.50	22.12	22.04	22.04	22.20	
3GPP Rel 6	HSDPA Subtest-4	22.98	22.91	22.91	23.50	22.03	22.00	22.00	22.20	
3GPP Rel 8	DC-HSDPA Subtest-1	23.39	23.32	23.12	24.00	22.55	22.49	22.51	23.70	
3GPP Rel 8	DC-HSDPA Subtest-2	23.40	23.31	23.28	24.00	22.48	22.46	22.43	23.70	
3GPP Rel 8	DC-HSDPA Subtest-3	22.90	22.83	22.83	23.50	22.04	21.96	21.96	22.20	
3GPP Rel 8	DC-HSDPA Subtest-4	22.87	22.80	22.80	23.50	21.95	21.92	21.92	22.20	
3GPP Rel 6	HSUPA Subtest-1	21.43	21.41	21.43	22.00	20.56	20.51	20.51	20.70	
3GPP Rel 6	HSUPA Subtest-2	21.45	21.39	21.33	22.00	20.55	20.49	20.50	20.70	
3GPP Rel 6	HSUPA Subtest-3	22.48	22.36	22.44	23.00	21.62	21.55	21.56	21.70	
3GPP Rel 6	HSUPA Subtest-4	20.99	20.96	20.90	21.50	20.12	20.07	20.07	20.20	
3GPP Rel 6	HSUPA Subtest-5	22.41	22.33	22.41	23.00	21.51	21.50	21.52	21.70	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.88	20.87	20.78	21.50	20.04	20.00	20.05	20.20	

		24.26	24.28	24.24				23.39		
Band		WCDMA V_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 4			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	24.21	24.33	24.32	25.00	23.36	23.35	23.33	23.70	
3GPP Rel 99	RMC 12.2Kbps	24.31	24.35	24.33	25.00	23.41	23.44	23.39	23.70	
3GPP Rel 6	HSDPA Subtest-1	23.25	23.20	23.33	24.00	22.45	22.46	22.51	22.70	
3GPP Rel 6	HSDPA Subtest-2	23.21	23.21	23.32	24.00	22.47	22.41	22.55	22.70	
3GPP Rel 6	HSDPA Subtest-3	22.79	22.73	22.82	23.50	22.00	21.97	22.07	22.20	
3GPP Rel 6	HSDPA Subtest-4	22.75	22.69	22.79	23.50	21.98	21.91	22.03	22.20	
3GPP Rel 8	DC-HSDPA Subtest-1	23.13	23.08	23.21	23.50	22.36	22.37	22.42	22.70	
3GPP Rel 8	DC-HSDPA Subtest-2	23.09	23.09	23.20	23.50	22.38	22.32	22.46	22.70	
3GPP Rel 8	DC-HSDPA Subtest-3	22.67	22.61	22.70	23.00	21.91	21.88	21.98	22.20	
3GPP Rel 8	DC-HSDPA Subtest-4	22.63	22.57	22.67	23.00	21.98	21.91	22.03	22.20	
3GPP Rel 6	HSUPA Subtest-1	21.21	21.16	21.33	22.00	20.44	20.48	20.53	20.70	
3GPP Rel 6	HSUPA Subtest-2	21.24	21.19	21.32	22.00	20.48	20.41	20.54	20.70	
3GPP Rel 6	HSUPA Subtest-3	22.14	22.19	22.34	23.00	21.49	21.45	21.54	21.70	
3GPP Rel 6	HSUPA Subtest-4	20.89	20.73	20.85	21.50	19.98	19.97	20.09	20.20	
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.31	23.00	21.55	21.42	21.51	21.70	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.87	20.95	20.95	21.50	20.00	20.13	20.01	20.20	

		24.15	24.02	24.12				24.28		
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	23.86	23.81	23.83	25.00	23.89	23.98	23.87	25.00	
3GPP Rel 99	RMC 12.2Kbps	23.89	23.91	23.88	25.00	24.01	24.03	24.00	25.00	
3GPP Rel 6	HSDPA Subtest-1	22.91	22.88	22.83	24.00	23.06	23.02	23.06	24.00	
3GPP Rel 6	HSDPA Subtest-2	22.92	22.89	22.89	24.00	23.01	23.00	22.98	24.00	
3GPP Rel 6	HSDPA Subtest-3	22.45	22.39	22.42	23.50	22.63	22.59	22.55	23.50	
3GPP Rel 6	HSDPA Subtest-4	22.43	22.34	22.34	23.50	22.57	22.51	22.45	23.50	
3GPP Rel 8	DC-HSDPA Subtest-1	22.83	22.80	22.75	24.00	22.97	22.93	22.97	24.00	
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.81	22.81	24.00	22.92	22.91	22.89	24.00	
3GPP Rel 8	DC-HSDPA Subtest-3	22.37	22.31	22.34	23.50	22.54	22.50	22.46	23.50	
3GPP Rel 8	DC-HSDPA Subtest-4	22.35	22.26	22.26	23.50	22.48	22.42	22.36	23.50	
3GPP Rel 6	HSUPA Subtest-1	20.86	20.83	20.86	22.00	20.95	20.96	20.98	22.00	
3GPP Rel 6	HSUPA Subtest-2	20.89	20.85	20.85	22.00	20.97	20.97	20.96	22.00	
3GPP Rel 6	HSUPA Subtest-3	21.95	21.91	21.90	23.00	21.89	21.87	21.99	23.00	
3GPP Rel 6	HSUPA Subtest-4	20.62	20.57	20.39	21.50	20.68	20.68	20.52	21.50	
3GPP Rel 6	HSUPA Subtest-5	21.98	21.93	21.88	23.00	22.00	22.01	21.55	23.00	
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.04	20.02	19.95	21.00	20.02	20.11	20.07	21.00	

Band 2 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.09	24.12	24.11		
20	QPSK	1	49	24.16	24.19	24.17	25.5	0
20	QPSK	1	99	23.94	23.91	23.99		
20	QPSK	50	0	23.13	23.15	23.00		
20	QPSK	50	24	23.14	23.16	23.15	24.5	1
20	QPSK	50	50	23.11	23.01	23.02		
20	QPSK	100	0	23.00	23.14	23.08		
20	16QAM	1	0	23.28	23.31	23.23		
20	16QAM	1	49	23.36	23.39	23.35	24.5	1
20	16QAM	1	99	23.14	23.13	23.15		
20	16QAM	50	0	22.06	22.12	22.10		
20	16QAM	50	24	22.11	22.06	22.12	23.5	2
20	16QAM	50	50	22.01	22.01	22.07		
20	16QAM	100	0	22.08	22.05	22.07		
20	64QAM	1	0	22.12	22.15	22.05		
20	64QAM	1	49	22.19	22.19	22.21	23.5	2
20	64QAM	1	99	21.97	21.95	22.01		
20	64QAM	50	0	21.07	21.10	21.07		
20	64QAM	50	24	21.10	21.04	21.10	22.5	3
20	64QAM	50	50	21.17	20.99	20.99		
20	64QAM	100	0	21.01	21.04	21.07		
20	256QAM	1	0	19.03	19.00	18.94		
20	256QAM	1	49	19.18	19.22	19.04	20.5	5
20	256QAM	1	99	19.15	18.79	18.89		
20	256QAM	50	0	19.22	19.26	19.00		
20	256QAM	50	24	19.15	19.18	19.05	20.5	5
20	256QAM	50	50	19.08	19.12	19.02		
20	256QAM	100	0	19.11	18.98	19.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.04	24.17	24.06		
15	QPSK	1	37	24.11	24.04	24.10	25.5	0
15	QPSK	1	74	23.92	23.86	23.99		
15	QPSK	36	0	23.07	23.15	23.01		
15	QPSK	36	20	23.05	23.13	23.17	24.5	1
15	QPSK	36	39	23.13	23.00	23.03		
15	QPSK	75	0	22.94	23.13	23.10		
15	16QAM	1	0	23.31	23.21	23.23		
15	16QAM	1	37	23.28	23.28	23.40	24.5	1
15	16QAM	1	74	23.05	23.10	23.17		
15	16QAM	36	0	21.98	22.10	22.15		
15	16QAM	36	20	22.02	22.08	22.16	23.5	2
15	16QAM	36	39	22.17	22.05	21.97		
15	16QAM	75	0	22.04	22.05	22.04		
15	64QAM	1	0	22.04	22.19	22.02		
15	64QAM	1	37	22.19	22.15	22.23	23.5	2
15	64QAM	1	74	22.00	21.96	22.01		
15	64QAM	36	0	21.03	21.12	21.04		
15	64QAM	36	20	21.01	21.04	21.09	22.5	3
15	64QAM	36	39	21.15	20.97	21.04		
15	64QAM	75	0	21.08	20.99	21.06		
15	256QAM	1	0	19.03	19.04	18.98		
15	256QAM	1	37	19.13	19.17	19.06	20.5	5
15	256QAM	1	74	19.09	18.81	18.93		
15	256QAM	36	0	19.17	19.22	18.98		
15	256QAM	36	20	19.14	19.19	19.08	20.5	5
15	256QAM	36	39	19.00	19.13	18.97		
15	256QAM	75	0	19.11	18.99	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.08	24.07	24.14		
10	QPSK	1	25	24.15	24.09	24.10	25.5	0
10	QPSK	1	49	23.97	23.93	24.04		
10	QPSK	25	0	23.17	23.16	23.02		
10	QPSK	25	12	23.12	23.11	23.18	24.5	1
10	QPSK	25	25	23.07	22.91	22.97		
10	QPSK	50	0	23.02	23.13	23.02		
10	16QAM	1	0	23.30	23.35	23.20		
10	16QAM	1	25	23.38	23.32	23.26	24.5	1
10	16QAM	1	49	23.14	23.07	23.16		
10	16QAM	25	0	22.06	22.11	22.01		
10	16QAM	25	12	22.16	22.06	22.02	23.5	2
10	16QAM	25	25	22.05	22.05	21.94		
10	16QAM	50	0	22.12	22.09	21.97		
10	64QAM	1	0	22.13	22.10	22.03		
10	64QAM	1	25	22.21	22.20	22.16	23.5	2
10	64QAM	1	49	22.01	21.96	21.96		
10	64QAM	25	0	21.10	21.06	21.09		
10	64QAM	25	12	21.05	20.95	21.08	22.5	3
10	64QAM	25	25	21.21	21.03	21.02		
10	64QAM	50	0	21.14	21.04	21.10		
10	256QAM	1	0	19.01	19.03	18.90		
10	256QAM	1	25	19.12	19.15	18.94	20.5	5
10	256QAM	1	49	19.09	18.95	18.92		
10	256QAM	25	0	19.13	19.19	19.05		
10	256QAM	25	12	19.17	19.14	19.04	20.5	5
10	256QAM	25	25	19.09	19.13	19.06		
10	256QAM	50	0	19.15	18.96	19.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.08	24.17	24.13		
5	QPSK	1	12	24.07	24.02	24.10	25.5	0
5	QPSK	1	24	23.94	23.84	23.90		
5	QPSK	12	0	23.10	22.91	22.91		
5	QPSK	12	7	23.16	23.16	23.17	24.5	1
5	QPSK	12	13	23.10	22.94	22.92		
5	QPSK	25	0	22.90	23.18	23.07		
5	16QAM	1	0	23.26	23.31	23.25		
5	16QAM	1	12	23.32	23.28	23.26	24.5	1
5	16QAM	1	24	23.13	23.09	23.16		
5	16QAM	12	0	22.06	22.09	22.10		
5	16QAM	12	7	22.06	22.12	22.14	23.5	2
5	16QAM	12	13	22.06	21.96	21.90		
5	16QAM	25	0	22.07	21.96	22.10		
5	64QAM	1	0	22.10	22.16	21.98		
5	64QAM	1	12	22.16	22.21	22.00	23.5	2
5	64QAM	1	24	21.88	21.93	22.01		
5	64QAM	12	0	21.12	21.08	21.11		
5	64QAM	12	7	21.12	21.06	21.05	22.5	3
5	64QAM	12	13	21.15	21.02	21.00		
5	64QAM	25	0	21.00	21.00	21.12		
5	256QAM	1	0	19.05	18.91	18.93		
5	256QAM	1	12	19.18	19.26	18.95	20.5	5
5	256QAM	1	24	19.20	18.80	18.84		
5	256QAM	12	0	19.24	19.27	19.01		
5	256QAM	12	7	19.14	19.22	19.01	20.5	5
5	256QAM	12	13	19.09	19.04	19.01		
5	256QAM	25	0	19.16	19.00	19.00		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.13	24.04	24.15		
3	QPSK	1	8	24.10	24.13	24.14	25.5	0
3	QPSK	1	14	23.97	23.95	24.00		
3	QPSK	8	0	23.07	23.15	23.05		
3	QPSK	8	4	23.04	23.13	23.18	24.5	1
3	QPSK	8	7	23.01	22.97	22.92		
3	QPSK	15	0	23.02	23.12	23.04		
3	16QAM	1	0	23.24	23.21	23.18		
3	16QAM	1	8	23.39	23.25	23.26	24.5	1
3	16QAM	1	14	23.11	23.16	23.12		
3	16QAM	8	0	21.98	22.03	22.08		
3	16QAM	8	4	22.01	22.02	22.03	23.5	2
3	16QAM	8	7	22.12	21.94	22.01		
3	16QAM	15	0	22.05	22.10	22.10		
3	64QAM	1	0	22.06	22.15	22.03		
3	64QAM	1	8	22.22	22.23	22.25	23.5	2
3	64QAM	1	14	22.01	21.97	22.00		
3	64QAM	8	0	20.97	21.05	21.08		
3	64QAM	8	4	21.14	21.00	21.08	22.5	3
3	64QAM	8	7	21.14	20.93	20.91		
3	64QAM	15	0	21.02	20.98	21.08		
3	256QAM	1	0	19.04	18.94	18.96		
3	256QAM	1	8	19.22	19.21	19.09	20.5	5
3	256QAM	1	14	19.10	18.83	18.83		
3	256QAM	8	0	19.16	19.16	18.90		
3	256QAM	8	4	19.07	19.08	19.10	20.5	5
3	256QAM	8	7	19.05	19.04	19.07		
3	256QAM	15	0	19.07	18.97	18.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.16	24.05	24.08		
1.4	QPSK	1	3	24.11	24.18	24.12		
1.4	QPSK	1	5	24.05	23.98	24.04	25.5	0
1.4	QPSK	3	0	24.12	24.06	24.16		
1.4	QPSK	3	1	24.06	24.17	24.12		
1.4	QPSK	3	3	23.97	23.98	23.92		
1.4	QPSK	6	0	23.06	23.05	23.05	24.5	1
1.4	16QAM	1	0	23.03	23.03	23.10		
1.4	16QAM	1	3	23.04	22.95	22.94		
1.4	16QAM	1	5	23.05	23.02	23.04	24.5	1
1.4	16QAM	3	0	22.97	23.19	23.07		
1.4	16QAM	3	1	22.95	23.16	23.21		
1.4	16QAM	3	3	23.02	22.98	22.84		
1.4	16QAM	6	0	22.03	22.12	21.97	23.5	2
1.4	64QAM	1	0	22.23	22.23	22.30		
1.4	64QAM	1	3	21.91	21.99	22.03		
1.4	64QAM	1	5	22.09	22.10	22.02	23.5	2
1.4	64QAM	3	0	22.02	22.14	22.04		
1.4	64QAM	3	1	21.97	22.01	22.09		
1.4	64QAM	3	3	22.02	21.98	21.97		
1.4	64QAM	6	0	21.13	20.88	20.89	22.5	3
1.4	256QAM	1	0	19.00	18.93	19.01		
1.4	256QAM	1	3	19.11	19.13	19.07		
1.4	256QAM	1	5	19.02	18.70	18.87	20.5	5
1.4	256QAM	3	0	19.16	19.11	18.93		
1.4	256QAM	3	1	19.00	19.11	19.13		
1.4	256QAM	3	3	18.97	18.97	19.11		
1.4	256QAM	6	0	19.05	18.93	18.95	20.5	5

Band 2 Main PA_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.17	23.15		
20	QPSK	1	49	23.15	23.23	23.17	24.2	0
20	QPSK	1	99	23.06	22.93	23.00		
20	QPSK	50	0	22.16	22.18	22.11		
20	QPSK	50	24	22.21	22.25	22.17	23.2	1
20	QPSK	50	50	22.06	21.98	22.04		
20	QPSK	100	0	22.00	22.10	22.05		
20	16QAM	1	0	22.34	22.26	22.20		
20	16QAM	1	49	22.40	22.29	22.33	23.2	1
20	16QAM	1	99	22.20	22.07	22.10		
20	16QAM	50	0	21.18	21.11	21.14		
20	16QAM	50	24	21.20	21.07	21.08	22.2	2
20	16QAM	50	50	21.23	20.99	21.03		
20	16QAM	100	0	21.20	20.99	21.07		
20	64QAM	1	0	21.30	21.26	21.18		
20	64QAM	1	49	21.37	21.29	21.34	22.2	2
20	64QAM	1	99	21.22	21.18	21.20		
20	64QAM	50	0	20.18	20.04	20.09		
20	64QAM	50	24	20.17	20.03	20.08	21.2	3
20	64QAM	50	50	20.21	19.96	20.01		
20	64QAM	100	0	20.15	20.06	20.08		
20	256QAM	1	0	18.88	18.88	18.88		
20	256QAM	1	49	18.86	18.98	18.95	19.2	5
20	256QAM	1	99	18.90	18.88	18.87		
20	256QAM	50	0	18.96	18.85	18.95		
20	256QAM	50	24	18.97	18.91	18.94	19.2	5
20	256QAM	50	50	18.92	18.90	18.90		
20	256QAM	100	0	18.93	18.92	18.91		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.16	23.21	23.17		
15	QPSK	1	37	23.20	23.16	23.09	24.2	0
15	QPSK	1	74	22.98	22.84	23.03		
15	QPSK	36	0	22.19	22.21	22.16		
15	QPSK	36	20	22.20	22.22	22.10	23.2	1
15	QPSK	36	39	21.96	21.93	22.04		
15	QPSK	75	0	22.00	22.06	21.95		
15	16QAM	1	0	22.35	22.22	22.17		
15	16QAM	1	37	22.41	22.21	22.35	23.2	1
15	16QAM	1	74	22.25	21.97	22.02		
15	16QAM	36	0	21.10	21.01	21.12		
15	16QAM	36	20	21.12	21.12	21.02	22.2	2
15	16QAM	36	39	21.24	20.99	20.86		
15	16QAM	75	0	21.15	20.97	21.02		
15	64QAM	1	0	21.24	21.31	21.19		
15	64QAM	1	37	21.42	21.25	21.29	22.2	2
15	64QAM	1	74	21.25	21.21	21.68		
15	64QAM	36	0	20.19	19.99	20.00		
15	64QAM	36	20	20.14	20.04	20.12	21.2	3
15	64QAM	36	39	20.15	19.93	19.95		
15	64QAM	75	0	20.13	19.94	20.07		
15	256QAM	1	0	18.84	18.82	18.87		
15	256QAM	1	37	18.85	18.93	18.94	19.2	5
15	256QAM	1	74	18.89	18.86	18.90		
15	256QAM	36	0	18.76	18.88	18.91		
15	256QAM	36	20	18.98	18.92	18.91	19.2	5
15	256QAM	36	39	18.96	18.91	18.88		
15	256QAM	75	0	18.85	18.86	18.91		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.06	23.11	23.11		
10	QPSK	1	25	23.17	23.19	23.16	24.2	0
10	QPSK	1	49	23.02	22.85	22.90		
10	QPSK	25	0	22.20	22.23	22.04		
10	QPSK	25	12	22.25	22.21	22.18	23.2	1
10	QPSK	25	25	21.98	22.02	22.09		
10	QPSK	50	0	21.99	22.02	22.05		
10	16QAM	1	0	22.32	22.29	22.25		
10	16QAM	1	25	22.31	22.20	22.27	23.2	1
10	16QAM	1	49	22.15	22.12	22.08		
10	16QAM	25	0	21.20	21.16	21.13		
10	16QAM	25	12	21.18	21.00	21.02	22.2	2
10	16QAM	25	25	21.14	20.92	21.06		
10	16QAM	50	0	21.18	21.00	21.12		
10	64QAM	1	0	21.27	21.19	21.17		
10	64QAM	1	25	21.28	21.20	21.38	22.2	2
10	64QAM	1	49	21.16	21.19	21.57		
10	64QAM	25	0	20.10	19.95	20.08		
10	64QAM	25	12	20.13	19.97	20.00	21.2	3
10	64QAM	25	25	19.96	19.96	19.97		
10	64QAM	50	0	20.07	19.94	20.12		
10	256QAM	1	0	18.90	18.89	18.90		
10	256QAM	1	25	18.76	18.91	18.94	19.2	5
10	256QAM	1	49	18.86	18.84	18.78		
10	256QAM	25	0	18.77	18.87	18.90		
10	256QAM	25	12	18.98	18.87	18.88	19.2	5
10	256QAM	25	25	18.89	18.80	18.84		
10	256QAM	50	0	18.95	18.88	18.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.03	23.16	23.08		
5	QPSK	1	12	23.19	23.16	23.20	24.2	0
5	QPSK	1	24	23.11	22.95	22.94		
5	QPSK	12	0	22.19	22.17	22.13		
5	QPSK	12	7	22.24	22.24	22.14	23.2	1
5	QPSK	12	13	21.97	21.95	22.00		
5	QPSK	25	0	22.02	22.12	22.04		
5	16QAM	1	0	22.29	22.17	22.25		
5	16QAM	1	12	22.35	22.21	22.37	23.2	1
5	16QAM	1	24	22.13	22.03	22.04		
5	16QAM	12	0	21.11	21.02	21.12		
5	16QAM	12	7	21.17	21.02	21.06	22.2	2
5	16QAM	12	13	21.21	21.00	21.05		
5	16QAM	25	0	21.13	21.01	21.10		
5	64QAM	1	0	21.23	21.26	21.22		
5	64QAM	1	12	21.30	21.23	21.39	22.2	2
5	64QAM	1	24	21.15	21.18	21.62		
5	64QAM	12	0	20.16	20.00	20.05		
5	64QAM	12	7	20.14	19.93	20.07	21.2	3
5	64QAM	12	13	20.17	19.90	19.91		
5	64QAM	25	0	20.16	20.02	20.03		
5	256QAM	1	0	18.88	18.78	18.79		
5	256QAM	1	12	18.86	18.94	18.88	19.2	5
5	256QAM	1	24	18.82	18.81	18.82		
5	256QAM	12	0	18.85	18.89	18.91		
5	256QAM	12	7	19.00	18.85	18.85	19.2	5
5	256QAM	12	13	18.85	18.87	18.93		
5	256QAM	25	0	18.92	18.87	18.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.15	23.14	23.19		
3	QPSK	1	8	23.11	23.17	23.17	24.2	0
3	QPSK	1	14	23.06	22.98	23.00		
3	QPSK	8	0	22.11	22.17	22.16		
3	QPSK	8	4	22.13	22.30	22.14	23.2	1
3	QPSK	8	7	22.00	21.97	22.01		
3	QPSK	15	0	22.02	22.09	22.04		
3	16QAM	1	0	22.27	22.20	22.17		
3	16QAM	1	8	22.39	22.29	22.29	23.2	1
3	16QAM	1	14	22.25	22.03	22.13		
3	16QAM	8	0	21.13	21.02	21.11		
3	16QAM	8	4	21.19	21.12	21.13	22.2	2
3	16QAM	8	7	21.26	20.91	21.05		
3	16QAM	15	0	21.22	20.97	20.99		
3	64QAM	1	0	21.23	21.23	21.23		
3	64QAM	1	8	21.32	21.32	21.32	22.2	2
3	64QAM	1	14	21.25	21.22	21.68		
3	64QAM	8	0	20.17	20.01	20.09		
3	64QAM	8	4	20.11	20.07	20.08	21.2	3
3	64QAM	8	7	20.11	19.99	20.05		
3	64QAM	15	0	20.18	20.00	20.05		
3	256QAM	1	0	18.89	18.84	18.82		
3	256QAM	1	8	18.77	19.01	19.00	19.2	5
3	256QAM	1	14	18.91	18.83	18.87		
3	256QAM	8	0	18.86	18.84	18.90		
3	256QAM	8	4	18.87	18.95	18.86	19.2	5
3	256QAM	8	7	18.82	18.94	18.95		
3	256QAM	15	0	18.92	18.84	18.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.12	23.13	23.11		
1.4	QPSK	1	3	23.16	23.17	23.11		
1.4	QPSK	1	5	23.01	22.88	22.94	24.2	0
1.4	QPSK	3	0	23.06	23.11	23.18		
1.4	QPSK	3	1	23.05	23.11	23.09		
1.4	QPSK	3	3	23.04	22.95	22.94		
1.4	QPSK	6	0	22.06	22.12	22.12	23.2	1
1.4	16QAM	1	0	22.17	22.34	22.13		
1.4	16QAM	1	3	22.10	22.22	22.09		
1.4	16QAM	1	5	22.07	22.28	22.08	23.2	1
1.4	16QAM	3	0	22.03	22.19	22.06		
1.4	16QAM	3	1	22.08	22.20	22.18		
1.4	16QAM	3	3	22.03	22.24	22.08		
1.4	16QAM	6	0	21.23	21.19	21.19	22.2	2
1.4	64QAM	1	0	21.27	21.31	21.18		
1.4	64QAM	1	3	21.25	21.27	21.11		
1.4	64QAM	1	5	21.24	21.22	21.17	22.2	2
1.4	64QAM	3	0	21.15	21.26	21.19		
1.4	64QAM	3	1	21.20	21.20	21.14		
1.4	64QAM	3	3	21.26	21.18	21.12		
1.4	64QAM	6	0	20.18	19.91	19.99	21.2	3
1.4	256QAM	1	0	18.85	18.78	18.84		
1.4	256QAM	1	3	18.67	19.05	18.94		
1.4	256QAM	1	5	18.84	18.91	18.84	19.2	5
1.4	256QAM	3	0	18.91	18.80	18.90		
1.4	256QAM	3	1	18.78	18.85	18.80		
1.4	256QAM	3	3	18.87	18.94	18.87		
1.4	256QAM	6	0	18.96	18.80	18.89	19.2	5

Band 4 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.94	21.00	20.91		
20	QPSK	1	49	21.02	21.06	20.97	21.5	0
20	QPSK	1	99	20.78	20.76	20.81		
20	QPSK	50	0	19.88	19.96	19.92		
20	QPSK	50	24	19.98	20.02	19.97	20.5	1
20	QPSK	50	50	19.95	19.85	19.90		
20	QPSK	100	0	19.85	19.91	19.90		
20	16QAM	1	0	20.10	20.13	20.08		
20	16QAM	1	49	20.23	20.15	20.20	20.5	1
20	16QAM	1	99

Band 4 Main PA_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	23.77	23.72	23.75		
20	QPSK	1	49	23.80	23.82	23.80	24.2	0
20	QPSK	1	99	23.63	23.61	23.69		
20	QPSK	50	0	22.76	22.90	22.67		
20	QPSK	50	24	22.80	22.77	22.77	23.2	1
20	QPSK	50	50	22.72	22.80	22.71		
20	QPSK	100	0	22.67	22.83	22.75		
20	16QAM	1	0	22.93	23.00	22.94		
20	16QAM	1	49	23.06	23.02	23.04	23.2	1
20	16QAM	1	99	22.81	22.84	22.84		
20	16QAM	50	0	21.64	21.87	21.74		
20	16QAM	50	24	21.81	21.79	21.82	22.2	2
20	16QAM	50	50	21.69	21.77	21.83		
20	16QAM	100	0	21.68	21.80	21.76		
20	64QAM	1	0	21.80	21.94	21.94		
20	64QAM	1	49	21.92	22.03	22.01	22.2	2
20	64QAM	1	99	21.80	21.85	21.86		
20	64QAM	50	0	20.61	20.83	20.70		
20	64QAM	50	24	20.78	20.74	20.78	21.2	3
20	64QAM	50	50	20.66	20.72	20.78		
20	64QAM	100	0	20.63	20.77	20.74		
20	256QAM	1	0	18.83	18.83	18.90		
20	256QAM	1	49	18.89	19.00	18.98	19.2	5
20	256QAM	1	99	18.98	18.93	18.88		
20	256QAM	50	0	21.80	18.95	18.96		
20	256QAM	50	24	19.07	18.90	18.95	19.2	5
20	256QAM	50	50	18.99	18.86	18.90		
20	256QAM	100	0	18.99	18.96	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.78	23.71	23.65		
15	QPSK	1	37	23.81	23.74	23.67	24.2	0
15	QPSK	1	74	23.56	23.64	23.67		
15	QPSK	36	0	22.79	22.95	22.70		
15	QPSK	36	20	22.86	22.84	22.76	23.2	1
15	QPSK	36	39	22.66	22.77	22.66		
15	QPSK	75	0	22.62	22.75	22.79		
15	16QAM	1	0	22.82	23.00	22.87		
15	16QAM	1	37	23.09	23.02	23.00	23.2	1
15	16QAM	1	74	22.81	22.82	22.74		
15	16QAM	36	0	21.55	21.86	21.72		
15	16QAM	36	20	21.75	21.69	21.84	22.2	2
15	16QAM	36	39	21.69	21.75	21.78		
15	16QAM	75	0	21.73	21.81	21.70		
15	64QAM	1	0	21.81	21.94	21.86		
15	64QAM	1	37	21.89	22.04	21.97	22.2	2
15	64QAM	1	74	21.86	21.78	21.88		
15	64QAM	36	0	20.65	20.81	20.62		
15	64QAM	36	20	20.73	20.73	20.80	21.2	3
15	64QAM	36	39	20.56	20.62	20.70		
15	64QAM	75	0	20.68	20.67	20.65		
15	256QAM	1	0	18.83	18.83	18.81		
15	256QAM	1	37	18.90	19.01	18.98	19.2	5
15	256QAM	1	74	18.91	18.95	18.80		
15	256QAM	36	0	18.78	18.80	18.91		
15	256QAM	36	20	18.99	18.85	18.92	19.2	5
15	256QAM	36	39	19.02	18.76	18.80		
15	256QAM	75	0	18.95	18.88	18.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.76	23.76	23.77		
10	QPSK	1	25	23.81	23.72	23.70	24.2	0
10	QPSK	1	49	23.58	23.57	23.72		
10	QPSK	25	0	22.82	22.85	22.65		
10	QPSK	25	12	22.85	22.90	22.76	23.2	1
10	QPSK	25	25	22.63	22.78	22.69		
10	QPSK	50	0	22.70	22.74	22.74		
10	16QAM	1	0	22.92	22.91	22.95		
10	16QAM	1	25	23.04	22.98	23.09	23.2	1
10	16QAM	1	49	22.86	22.82	22.75		
10	16QAM	25	0	21.59	21.80	21.68		
10	16QAM	25	12	21.80	21.83	21.80	22.2	2
10	16QAM	25	25	21.60	21.73	21.85		
10	16QAM	50	0	21.60	21.83	21.66		
10	64QAM	1	0	21.79	21.85	21.91		
10	64QAM	1	25	21.92	22.01	21.96	22.2	2
10	64QAM	1	49	21.58	21.77	21.81		
10	64QAM	25	0	20.59	20.75	20.67		
10	64QAM	25	12	20.68	20.65	20.79	21.2	3
10	64QAM	25	25	20.66	20.67	20.79		
10	64QAM	50	0	20.54	20.73	20.75		
10	256QAM	1	0	18.73	18.85	18.80		
10	256QAM	1	25	18.94	18.95	18.96	19.2	5
10	256QAM	1	49	18.91	18.83	18.82		
10	256QAM	25	0	18.78	18.88	18.88		
10	256QAM	25	12	19.12	18.93	18.98	19.2	5
10	256QAM	25	25	18.93	18.84	18.85		
10	256QAM	50	0	21.80	18.89	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.70	23.69	23.74		
5	QPSK	1	12	23.79	23.80	23.72	24.2	0
5	QPSK	1	24	23.67	23.63	23.74		
5	QPSK	12	0	22.82	22.87	22.71		
5	QPSK	12	7	22.81	22.95	22.81	23.2	1
5	QPSK	12	13	22.65	22.76	22.64		
5	QPSK	25	0	22.63	22.85	22.73		
5	16QAM	1	0	22.80	23.00	22.93		
5	16QAM	1	12	23.04	23.01	23.03	23.2	1
5	16QAM	1	24	22.71	22.81	22.79		
5	16QAM	12	0	21.59	21.86	21.77		
5	16QAM	12	7	21.79	21.74	21.75	22.2	2
5	16QAM	12	13	21.66	21.75	21.85		
5	16QAM	25	0	21.66	21.70	21.66		
5	64QAM	1	0	21.72	21.99	21.84		
5	64QAM	1	12	21.96	21.96	21.99	22.2	2
5	64QAM	1	24	21.57	21.79	21.87		
5	64QAM	12	0	20.62	20.86	20.63		
5	64QAM	12	7	20.73	20.77	20.72	21.2	3
5	64QAM	12	13	20.62	20.76	20.75		
5	64QAM	25	0	20.67	20.73	20.69		
5	256QAM	1	0	18.77	18.85	18.91		
5	256QAM	1	12	18.94	18.90	18.91	19.2	5
5	256QAM	1	24	21.83	18.85	18.90		
5	256QAM	12	0	18.87	18.87	18.87		
5	256QAM	12	7	19.08	18.87	18.93	19.2	5
5	256QAM	12	13	18.95	18.82	18.87		
5	256QAM	25	0	18.87	18.83	18.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.79	23.63	23.65		
3	QPSK	1	8	23.72	23.80	23.79	24.2	0
3	QPSK	1	14	23.53	23.56	23.74		
3	QPSK	8	0	22.72	22.82	22.64		
3	QPSK	8	4	22.87	22.92	22.68	23.2	1
3	QPSK	8	7	22.63	22.71	22.76		
3	QPSK	15	0	22.72	22.81	22.71		
3	16QAM	1	0	22.98	22.99	22.97		
3	16QAM	1	8	23.01	22.95	23.00	23.2	1
3	16QAM	1	14	22.77	22.75	22.88		
3	16QAM	8	0	21.57	21.80	21.65		
3	16QAM	8	4	21.82	21.76	21.76	22.2	2
3	16QAM	8	7	21.60	21.72	21.87		
3	16QAM	15	0	21.62	21.80	21.78		
3	64QAM	1	0	21.77	21.95	21.86		
3	64QAM	1	8	21.95	21.98	21.94	22.2	2
3	64QAM	1	14	21.59	21.81	21.79		
3	64QAM	8	0	20.54	20.87	20.63		
3	64QAM	8	4	20.83	20.68	20.79	21.2	3
3	64QAM	8	7	20.58	20.67	20.76		
3	64QAM	15	0	20.56	20.71	20.72		
3	256QAM	1	0	18.78	18.84	18.81		
3	256QAM	1	8	18.87	18.91	18.95	19.2	5
3	256QAM	1	14	18.95	18.87	18.93		
3	256QAM	8	0	18.79	18.86	18.91		
3	256QAM	8	4	19.12	18.94	18.89	19.2	5
3	256QAM	8	7	19.02	18.91	18.92		
3	256QAM	15	0	19.01	18.87	18.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.77	23.69	23.66		
1.4	QPSK	1	3	23.77	23.76	23.70		
1.4	QPSK	1	5	23.59	23.52	23.61	24.2	0
1.4	QPSK	3	0	23.79	23.70	23.65		
1.4	QPSK	3	1	23.74	23.70	23.77		
1.4	QPSK	3	3	23.69	23.62	23.73		
1.4	QPSK	6	0	22.71	22.80	22.71	23.2	1
1.4	16QAM	1	0	22.72	22.94	22.62		
1.4	16QAM	1	3	22.79	22.91	22.59		
1.4	16QAM	1	5	22.81	22.84	22.59	23.2	1
1.4	16QAM	3	0	22.80	22.85	22.69		
1.4	16QAM	3	1	22.70	22.89	22.62		
1.4	16QAM	3	3	22.67	22.86	22.64		
1.4	16QAM	6	0	21.60	21.80	21.77	22.2	2
1.4	64QAM	1	0	21.59	21.78	21.77		
1.4	64QAM	1	3	21.63	21.80	21.70		
1.4	64QAM	1	5	21.69	21.82	21.68	22.2	2
1.4	64QAM	3	0	21.56	21.91	21.65		
1.4	64QAM	3	1	21.58	21.78	21.72		
1.4	64QAM	3	3	21.54	21.87	21.76		
1.4	64QAM	6	0	20.55	20.74	20.63	21.2	3
1.4	256QAM	1	0	18.88	18.82	18.92		
1.4	256QAM	1	3	18.90	18.93	18.97		
1.4	256QAM	1	5	18.96	18.95	18.89	19.2	5
1.4	256QAM	3	0	18.84	18.80	18.95		
1.4	256QAM	3	1	19.04	18.94	18.92		
1.4	256QAM	3	3	19.00	18.79	18.95		
1.4	256QAM	6	0	18.99	18.82	18.81	19.2	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.88	22.85	22.80		
20	QPSK	1	49	22.92	22.95	22.84	24.2	0
20	QPSK	1	99	22.67	22.63	22.72		
20	QPSK	50	0	21.84	21.83	21.81		
20	QPSK	50	24	21.90	21.93	21.91	23.2	1
20	QPSK	50	50	21.85	21.73	21.84		
20	QPSK	100	0	21.79	21.82	21.80		
20	16QAM	1	0	22.06	22.06	22.01		
20	16QAM	1	49	22.16	22.07	22.13	23.2	1
20	16QAM	1	99	21.88	21.89	21.96		
20	16QAM	50	0	20.69	20.87	20.90		
20	16QAM	50	24	20.85	20.84	20.85	22.2	2
20	16QAM	50	50	20.74	20.73	20.88		
20	16QAM	100	0	20.74	20.75	20.85		
20	64QAM	1	0	20.89	20.89	20.84		
20	64QAM	1	49	21.01	20.88	20.94	22.2	2
20	64QAM	1	99	20.76	20.71	20.81		
20	64QAM	50	0	19.67	19.84	19.89		
20	64QAM	50	24	19.85	19.80	19.85	21.2	3
20	64QAM	50	50	19.85	19.69	19.87		
20	64QAM	100	0	19.74	19.72	19.84		
20	256QAM	1	0	18.05	18.04	18.14		
20	256QAM	1	49	18.09	18.10	18.13	19.2	5
20	256QAM	1	99	18.11	17.99	18.11		
20	256QAM	50	0	18.05	18.07	18.01		
20	256QAM	50	24	18.01	18.03	18.02	19.2	5
20	256QAM	50	50	17.99	18.00	18.01		
20	256QAM	100	0	18.12	18.11	17.99		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.93	22.86	22.70		
15	QPSK	1	37	22.91	22.91	22.80	24.2	0
15	QPSK	1	74	22.62	22.58	22.62		
15	QPSK	36	0	21.87	21.84	21.81		
15	QPSK	36	20	21.81	21.95	21.94	23.2	1
15	QPSK	36	39	21.79	21.70	21.80		
15	QPSK	75	0	21.76	21.75	21.78		
15	16QAM	1	0	22.06	22.11	21.92		
15	16QAM	1	37	22.09	22.08	22.10	23.2	1
15	16QAM	1	74	21.92	21.87	21.94		
15	16QAM	36	0	20.68	20.77	20.84		
15	16QAM	36	20	20.87	20.79	20.84	22.2	2
15	16QAM	36	39	20.90	20.76	20.90		
15	16QAM	75	0	20.69	20.76	20.86		
15	64QAM	1	0	20.88	20.82	20.84		
15	64QAM	1	37	21.04	20.86	20.86	22.2	2
15	64QAM	1	74	20.76	20.75	20.75		
15	64QAM	36	0	19.60	19.74	19.85		
15	64QAM	36	20	19.81	19.82	19.90	21.2	3
15	64QAM	36	39	19.86	19.62	19.79		
15	64QAM	75	0	19.77	19.65	19.84		
15	256QAM	1	0	18.07	18.04	18.12		
15	256QAM	1	37	18.12	18.00	18.03	19.2	5
15	256QAM	1	74	18.15	18.02	18.09		
15	256QAM	36	0	18.07	18.09	18.05		
15	256QAM	36	20	18.04	17.93	18.00	19.2	5
15	256QAM	36	39	17.89	18.04	17.98		
15	256QAM	75	0	18.15	18.14	17.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.81	22.86	22.71		
10	QPSK	1	25	22.94	22.91	22.86	24.2	0
10	QPSK	1	49	22.66	22.62	22.65		
10	QPSK	25	0	21.86	21.86	21.76		
10	QPSK	25	12	21.81	21.90	21.93	23.2	1
10	QPSK	25	25	21.84	21.73	21.83		
10	QPSK	50	0	21.81	21.77	21.78		
10	16QAM	1	0	22.09	22.01	22.02		
10	16QAM	1	25	22.17	22.09	22.12	23.2	1
10	16QAM	1	49	21.83	21.83	21.91		
10	16QAM	25	0	20.70	20.83	20.91		
10	16QAM	25	12	20.85	20.78	20.94	22.2	2
10	16QAM	25	25	20.89	20.74	20.88		
10	16QAM	50	0	20.67	20.79	20.83		
10	64QAM	1	0	20.93	20.80	20.87		
10	64QAM	1	25	20.95	20.92	20.90	22.2	2
10	64QAM	1	49	20.78	20.62	20.83		
10	64QAM	25	0	19.67	19.75	19.81		
10	64QAM	25	12	19.79	19.77	19.90	21.2	3
10	64QAM	25	25	19.86	19.59	19.87		
10	64QAM	50	0	19.67	19.68	19.85		
10	256QAM	1	0	18.09	17.97	18.18		
10	256QAM	1	25	18.04	18.00	18.05	19.2	5
10	256QAM	1	49	18.12	18.02	18.12		
10	256QAM	25	0	18.05	18.06	17.94		
10	256QAM	25	12	17.92	17.98	17.98	19.2	5
10	256QAM	25	25	17.91	17.99	18.04		
10	256QAM	50	0	18.03	17.95	17.95		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.80	22.87	22.75		
5	QPSK	1	12	22.93	22.90	22.84	24.2	0
5	QPSK	1	24	22.69	22.58	22.72		
5	QPSK	12	0	21.79	21.87	21.80		
5	QPSK	12	7	21.88	21.88	21.96	23.2	1
5	QPSK	12	13	21.76	21.78	21.88		
5	QPSK	25	0	21.70	21.84	21.84		
5	16QAM	1	0	22.11	22.11	21.97		
5	16QAM	1	12	22.06	22.03	22.17	23.2	1
5	16QAM	1	24	21.85	21.90	21.87		
5	16QAM	12	0	20.62	20.86	20.94		
5	16QAM	12	7	20.83	20.87	20.90	22.2	2
5	16QAM	12	13	20.88	20.77	20.92		
5	16QAM	25	0	20.71	20.71	20.84		
5	64QAM	1	0	20.93	20.94	20.87		
5	64QAM	1	12	20.99	20.99	20.99	22.2	2
5	64QAM	1	24	20.71	20.67	20.83		
5	64QAM	12	0	19.64	19.77	19.83		
5	64QAM	12	7	19.86	19.79	19.89	21.2	3
5	64QAM	12	13	19.80	19.62	19.91		
5	64QAM	25	0	19.79	19.70	19.87		
5	256QAM	1	0	18.09	18.07	18.15		
5	256QAM	1	12	18.05	18.01	18.03	19.2	5
5	256QAM	1	24	18.02	17.98	18.07		
5	256QAM	12	0	17.97	18.01	18.00		
5	256QAM	12	7	18.02	17.97	17.97	19.2	5
5	256QAM	12	13	17.95	17.97	17.99		
5	256QAM	25	0	18.07	18.03	17.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.84	22.84	22.78		
3	QPSK	1	8	22.89	22.90	22.79	24.2	0
3	QPSK	1	14	22.59	22.62	22.77		
3	QPSK	8	0	21.74	21.80	21.84		
3	QPSK	8	4	21.85	21.96	21.90	23.2	1
3	QPSK	8	7	21.88	21.85	21.75		
3	QPSK	15	0	21.73	21.82	21.83		
3	16QAM	1	0	21.99	21.99	22.04		
3	16QAM	1	8	22.21	22.10	22.04	23.2	1
3	16QAM	1	14	21.88	21.92	21.95		
3	16QAM	8	0	20.70	20.81	20.88		
3	16QAM	8	4	20.83	20.89	20.79	22.2	2
3	16QAM	8	7	20.76	20.73	20.83		
3	16QAM	15	0	20.67	20.75	20.84		
3	64QAM	1	0	20.80	20.89	20.83		
3	64QAM	1	8	20.96	20.94	20.95	22.2	2
3	64QAM	1	14	20.78	20.72	20.79		
3	64QAM	8	0	19.61	19.81	19.80		
3	64QAM	8	4	19.86	19.70	19.75	21.2	3
3	64QAM	8	7	19.82	19.66	19.87		
3	64QAM	15	0	19.73	19.66	19.88		
3	256QAM	1	0	18.07	18.06	18.13		
3	256QAM	1	8	18.04	18.11	18.09	19.2	5
3	256QAM	1	14	18.06	18.06	18.08		
3	256QAM	8	0	17.96	18.07	18.02		
3	256QAM	8	4	18.01	17.95	17.94	19.2	5
3	256QAM	8	7	17.98	17.93	17.97		
3	256QAM	15	0	18.16	18.13	17.93		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.89	22.86	22.84		
1.4	QPSK	1	3	22.87	22.94	22.77		
1.4	QPSK	1	5	22.68	22.59	22.74	24.2	0
1.4	QPSK	3	0	22.91	22.78	22.75		
1.4	QPSK	3	1	22.85	22.85	22.78		
1.4	QPSK	3	3	22.85	22.90	22.77		
1.4	QPSK	6	0	21.71	21.74	21.70	23.2	1
1.4	16QAM	1	0	22.06	22.09	22.01		
1.4	16QAM	1	3	22.10	22.03	22.08		
1.4	16QAM	1	5	21.80	21.88	21.81	23.2	1
1.4	16QAM	3	0	21.88	21.80	21.80		
1.4	16QAM	3	1	21.75	21.83	21.86		
1.4	16QAM	3	3	21.86	21.78	21.75		
1.4	16QAM	6	0	20.65	20.68	20.75	22.2	2
1.4	64QAM	1	0	20.81	20.92	20.81		
1.4	64QAM	1	3	21.02	20.78	20.92		
1.4	64QAM	1	5	20.68	20.66	20.82	22.2	2
1.4	64QAM	3	0	20.64	20.78	20.89		
1.4	64QAM	3	1	20.69	20.89	20.83		
1.4	64QAM	3	3	20.70	20.86	20.88		
1.4	64QAM	6	0	20.69	20.90	20.85	21.2	3
1.4	256QAM	1	0	17.95	17.97	18.18		
1.4	256QAM	1	3	18.04	18.00	18.06		
1.4	256QAM	1	5	18.13	17.94	18.08	19.2	5
1.4	256QAM	3	0	17.97	17.99	17.97		
1.4	256QAM	3	1	17.94	18.05	17.99		
1.4	256QAM	3	3	18.01	18.00	17.93		
1.4	256QAM	6	0	18.05	18.02	18.03	19.2	5

Band 5 Main PA_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	24.54	24.49	24.45		
10	QPSK	1	25	24.59	24.61	24.50	25.5	0
10	QPSK	1	49	24.52	24.44	24.41		
10	QPSK	25	0	23.52	23.61	23.46		
10	QPSK	25	12	23.58	23.63	23.47	24.5	1
10	QPSK	25	25	23.58	23.44	23.37		
10	QPSK	50	0	23.49	23.57	23.41		
10	16QAM	1	0	23.82	23.99	23.92		
10	16QAM	1	25	23.87	23.95	23.92	24.5	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33		
20	QPSK	1	49	20.65	20.77	20.58	21.5	0
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.99	19.67	19.60		
20	QPSK	50	24	19.87	19.69	19.56	20.5	1
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48		
20	16QAM	1	49	19.92	19.83	19.70	20.5	1
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57		
20	16QAM	50	24	18.64	18.61	18.55	19.5	2
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48		
20	64QAM	1	49	18.88	18.81	18.69	19.5	2
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.53	17.63	17.56		
20	64QAM	50	24	17.66	17.61	17.50	18.5	3
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37		
20	256QAM	1	49	15.40	15.27	15.31	16.5	5
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26		
20	256QAM	50	24	15.28	15.25	15.27	16.5	5
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27		
15	QPSK	1	37	20.68	20.68	20.58	21.5	0
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62		
15	QPSK	36	20	19.71	19.63	19.57	20.5	1
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53		
15	16QAM	1	37	19.90	19.77	19.74	20.5	1
15	16QAM	1	74	19.63	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53		
15	16QAM	36	20	18.57	18.60	18.47	19.5	2
15	16QAM	36	39	18.67	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48		
15	64QAM	1	37	18.86	18.73	18.68	19.5	2
15	64QAM	1	74	18.65	18.64	18.49		
15	64QAM	36	0	17.56	17.61	17.61		
15	64QAM	36	20	17.70	17.54	17.48	18.5	3
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36		
15	256QAM	1	37	15.30	15.26	15.34	16.5	5
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17		
15	256QAM	36	20	15.28	15.18	15.25	16.5	5
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38		
10	QPSK	1	25	20.68	20.74	20.51	21.5	0
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58		
10	QPSK	25	12	19.57	19.70	19.61	20.5	1
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43		
10	16QAM	1	25	19.83	19.74	19.60	20.5	1
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48		
10	16QAM	25	12	18.62	18.61	18.55	19.5	2
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53		
10	64QAM	1	0	18.63	18.52	18.50		
10	64QAM	1	25	18.78	18.83	18.72	19.5	2
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46		
10	64QAM	25	12	17.66	17.54	17.53	18.5	3
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29		
10	256QAM	1	25	15.44	15.17	15.34	16.5	5
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28		
10	256QAM	25	12	15.33	15.17	15.32	16.5	5
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.41	15.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34		
5	QPSK	1	12	20.56	20.71	20.61	21.5	0
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52		
5	QPSK	12	7	19.61	19.65	19.56	20.5	1
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48		
5	16QAM	1	12	19.90	19.78	19.75	20.5	1
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62		
5	16QAM	12	7	18.67	18.62	18.54	19.5	2
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46		
5	64QAM	1	12	18.88	18.73	18.68	19.5	2
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49		
5	64QAM	12	7	17.63	17.53	17.45	18.5	3
5	64QAM	12	13	17.56	17.60	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27		
5	256QAM	1	12	15.32	15.31	15.28	16.5	5
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18		
5	256QAM	12	7	15.29	15.27	15.25	16.5	5
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.61	24.54	24.60		
20	QPSK	1	49	24.83	24.84	24.81	25.5	0
20	QPSK	1	99	24.59	24.67	24.80		
20	QPSK	50	0	23.67	23.79	23.72		
20	QPSK	50	24	23.76	23.82	23.76	24.5	1
20	QPSK	50	50	23.73	23.79	23.74		
20	QPSK	100	0	23.67	23.76	23.75		
20	16QAM	1	0	23.78	23.70	23.79		
20	16QAM	1	49	23.95	24.00	23.98	24.5	1
20	16QAM	1	99	23.71	23.83	23.85		
20	16QAM	50	0	22.67	22.75	22.80		
20	16QAM	50	24	22.72	22.76	22.80	23.5	2
20	16QAM	50	50	22.73	22.71	22.77		
20	16QAM	100	0	22.66	22.74	22.76		
20	64QAM	1	0	22.69	22.69	22.71		
20	64QAM	1	49	22.96	22.90	22.96	23.5	2
20	64QAM	1	99	22.70	22.80	22.87		
20	64QAM	50	0	21.61	21.75	21.79		
20	64QAM	50	24	21.72	21.75	21.77	22.5	3
20	64QAM	50	50	21.74	21.73	21.76		
20	64QAM	100	0	21.66	21.74	21.73		
20	256QAM	1	0	19.63	19.55	19.61		
20	256QAM	1	49	19.54	19.63	19.51	20.5	5
20	256QAM	1	99	19.55	19.57	19.50		
20	256QAM	50	0	19.59	19.58	19.57		
20	256QAM	50	24	19.59	19.53	19.56	20.5	5
20	256QAM	50	50	19.62	19.60	19.50		
20	256QAM	100	0	19.62	19.53	19.60		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.55	24.57	24.52		
15	QPSK	1	37	24.74	24.83	24.75	25.5	0
15	QPSK	1	74	24.51	24.65	24.74		
15	QPSK	36	0	23.66	23.71	23.77		
15	QPSK	36	20	23.73	23.74	23.68	24.5	1
15	QPSK	36	39	23.67	23.75	23.66		
15	QPSK	75	0	23.72	23.70	23.70		
15	16QAM	1	0	23.71	23.67	23.76		
15	16QAM	1	37	23.85	23.91	23.89	24.5	1
15	16QAM	1	74	23.72	23.82	23.81		
15	16QAM	36	0	22.64	22.71	22.73		
15	16QAM	36	20	22.62	22.66	22.83	23.5	2
15	16QAM	36	39	22.77	22.66	22.74		
15	16QAM	75	0	22.61	22.79	22.71		
15	64QAM	1	0	22.63	22.62	22.65		
15	64QAM	1	37	22.92	22.81	22.98	23.5	2
15	64QAM	1	74	22.75	22.72	22.87		
15	64QAM	36	0	21.62	21.71	21.76		
15	64QAM	36	20	21.65	21.71	21.76	22.5	3
15	64QAM	36	39	21.64	21.71	21.66		
15	64QAM	75	0	21.61	21.71	21.66		
15	256QAM	1	0	19.65	19.60	19.61		
15	256QAM	1	37	19.45	19.60	19.47	20.5	5
15	256QAM	1	74	19.50	19.56	19.40		
15	256QAM	36	0	19.55	19.48	19.56		
15	256QAM	36	20	19.61	19.43	19.49	20.5	5
15	256QAM	36	39	19.64	19.51	19.40		
15	256QAM	75	0	19.67	19.51	19.63		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.61	24.47	24.55		
10	QPSK	1	25	24.79	24.76	24.76	25.5	0
10	QPSK	1	49	24.52	24.59	24.76		
10	QPSK	25	0	23.58	23.76	23.66		
10	QPSK	25	12	23.70	23.84	23.74	24.5	1
10	QPSK	25	25	23.77	23.75	23.71		
10	QPSK	50	0	23.71	23.73	23.70		
10	16QAM	1	0	23.78	23.68	23.84		
10	16QAM	1	25	23.92	23.97	23.88	24.5	1
10	16QAM	1	49	23.65	23.80	23.88		
10	16QAM	25	0	22.72	22.73	22.85		
10	16QAM	25	12	22.74	22.81	22.74	23.5	2
10	16QAM	25	25	22.64	22.72	22.82		
10	16QAM	50	0	22.57	22.69	22.70		
10	64QAM	1	0	22.64	22.67	22.68		
10	64QAM	1	25	23.01	22.83	22.90	23.5	2
10	64QAM	1	49	22.74	22.84	22.91		
10	64QAM	25	0	21.57	21.75	21.82		
10	64QAM	25	12	21.76	21.74	21.80	22.5	3
10	64QAM	25	25	21.65	21.77	21.67		
10	64QAM	50	0	21.58	21.70	21.77		
10	256QAM	1	0	19.63	19.60	19.54		
10	256QAM	1	25	19.57	19.57	19.46	20.5	5
10	256QAM	1	49	19.49	19.53	19.43		
10	256QAM	25	0	19.52	19.49	19.59		
10	256QAM	25	12	19.58	19.55	19.51	20.5	5
10	256QAM	25	25	19.63	19.61	19.51		
10	256QAM	50	0	19.63	19.53	19.59		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.60	24.58	24.58		
5	QPSK	1	12	24.76	24.76	24.81	25.5	0
5	QPSK	1	24	24.51	24.63	24.77		
5	QPSK	12	0	23.63	23.72	23.66		
5	QPSK	12	7	23.76	23.81	23.82	24.5	1
5	QPSK	12	13	23.72	23.77	23.76		
5	QPSK	25	0	23.69	23.72	23.70		
5	16QAM	1	0	23.82	23.72	23.74		
5	16QAM	1	12	24.00	24.01	24.00	24.5	1
5	16QAM	1	24	23.75	23.77	23.75		
5	16QAM	12	0	22.63	22.79	22.75		
5	16QAM	12	7	22.66	22.79	22.71	23.5	2
5	16QAM	12	13	22.78	22.70	22.80		
5	16QAM	25	0	22.66	22.79	22.69		
5	64QAM	1	0	22.72	22.65	22.76		
5	64QAM	1	12	22.97	22.90	22.98	23.5	2
5	64QAM	1	24	22.73	22.83	22.80		
5	64QAM	12	0	21.55	21.65	21.75		
5	64QAM	12	7	21.75	21.72	21.74	22.5	3
5	64QAM	12	13	21.67	21.72	21.74		
5	64QAM	25	0	21.58	21.79	21.64		
5	256QAM	1	0	19.68	19.53	19.66		
5	256QAM	1	12	19.59	19.64	19.41	20.5	5
5	256QAM	1	24	19.57	19.53	19.43		
5	256QAM	12	0	19.61	19.62	19.61		
5	256QAM	12	7	19.62	19.47	19.48	20.5	5
5	256QAM	12	13	19.65	19.55	19.45		
5	256QAM	25	0	19.65	19.46	19.53		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.37	23.31	23.32		
20	QPSK	1	49	23.52	23.58	23.57	24	0
20	QPSK	1	99	23.35	23.41	23.52		
20	QPSK	50	0	22.45	22.56	22.51		
20	QPSK	50	24	22.52	22.59	22.56	23	1
20	QPSK	50	50	22.51	22.49	22.50		
20	QPSK	100	0	22.48	22.57	22.50		
20	16QAM	1	0	22.51	22.51	22.48		
20	16QAM	1	49	22.76	22.72	22.72	23	1
20	16QAM	1	99	22.53	22.61	22.60		
20	16QAM	50	0	21.42	21.54	21.55		
20	16QAM	50	24	21.52	21.55	21.51	22	2
20	16QAM	50	50	21.50	21.48	21.52		
20	16QAM	100	0	21.43	21.52	21.51		
20	64QAM	1	0	21.51	21.47	21.48		
20	64QAM	1	49	21.63	21.71	21.63	22	2
20	64QAM	1	99	21.50	21.59	21.64		
20	64QAM	50	0	20.38	20.52	20.54		
20	64QAM	50	24	20.48	20.44	20.49	21	3
20	64QAM	50	50	20.49	20.46	20.47		
20	64QAM	100	0	20.42	20.52	20.49		
20	256QAM	1	0	18.32	18.36	18.38		
20	256QAM	1	49	18.23	18.25	18.21	19	5
20	256QAM	1	99	18.17	18.21	18.24		
20	256QAM	50	0	18.36	18.33	18.30		
20	256QAM	50	24	18.35	18.32	18.27	19	5
20	256QAM	50	50	18.27	18.24	18.20		
20	256QAM	100	0	18.28	18.33	18.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.36	23.33	23.22		
15	QPSK	1	37	23.51	23.52	23.45	24	0
15	QPSK	1	74	23.26	23.37	23.47		
15	QPSK	36	0	22.50	22.57	22.50		
15	QPSK	36	20	22.42	22.51	22.47	23	1
15	QPSK	36	39	22.46	22.49	22.43		
15	QPSK	75	0	22.49	22.48	22.52		
15	16QAM	1	0	22.42	22.45	22.53		
15	16QAM	1	37	22.77	22.76	22.67	23	1
15	16QAM	1	74	22.56	22.53	22.54		
15	16QAM	36	0	21.42	21.52	21.46		
15	16QAM	36	20	21.48	21.59	21.50	22	2
15	16QAM	36	39	21.40	21.44	21.46		
15	16QAM	75	0	21.34	21.51	21.56		
15	64QAM	1	0	21.51	21.46	21.41		
15	64QAM	1	37	21.64	21.68	21.56	22	2
15	64QAM	1	74	21.41	21.52	21.64		
15	64QAM	36	0	20.41	20.43	20.44		
15	64QAM	36	20	20.46	20.36	20.52	21	3
15	64QAM	36	39	20.49	20.50	20.52		
15	64QAM	75	0	20.37	20.46	20.51		
15	256QAM	1	0	18.25	18.39	18.34		
15	256QAM	1	37	18.25	18.15	18.17	19	5
15	256QAM	1	74	18.16	18.12	18.24		
15	256QAM	36	0	18.40	18.37	18.24		
15	256QAM	36	20	18.30	18.26	18.25	19	5
15	256QAM	36	39	18.26	18.20	18.14		
15	256QAM	75	0	18.25	18.29	18.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.34	23.29	23.30		
10	QPSK	1	25	23.48	23.54	23.57	24	0
10	QPSK	1	49	23.40	23.43	23.57		
10	QPSK	25	0	22.50	22.61	22.48		
10	QPSK	25	12	22.54	22.63	22.48	23	1
10	QPSK	25	25	22.49	22.42	22.54		
10	QPSK	50	0	22.41	22.50	22.47		
10	16QAM	1	0	22.44	22.56	22.41		
10	16QAM	1	25	22.76	22.71	22.77	23	1
10	16QAM	1	49	22.52	22.56	22.51		
10	16QAM	25	0	21.34	21.50	21.53		
10	16QAM	25	12	21.49	21.57	21.56	22	2
10	16QAM	25	25	21.49	21.47	21.43		
10	16QAM	50	0	21.42	21.50	21.41		
10	64QAM	1	0	21.53	21.52	21.45		
10	64QAM	1	25	21.56	21.70	21.55	22	2
10	64QAM	1	49	21.54	21.54	21.60		
10	64QAM	25	0	20.41	20.57	20.55		
10	64QAM	25	12	20.38	20.47	20.52	21	3
10	64QAM	25	25	20.40	20.48	20.48		
10	64QAM	50	0	20.32	20.46	20.41		
10	256QAM	1	0	18.23	18.39	18.33		
10	256QAM	1	25	18.25	18.29	18.14	19	5
10	256QAM	1	49	18.17	18.15	18.24		
10	256QAM	25	0	18.27	18.29	18.33		
10	256QAM	25	12	18.25	18.29	18.19	19	5
10	256QAM	25	25	18.23	18.18	18.19		
10	256QAM	50	0	18.30	18.35	18.30		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.30	23.27	23.23		
5	QPSK	1	12	23.57	23.55	23.57	24	0
5	QPSK	1	24	23.26	23.42	23.50		
5	QPSK	12	0	22.44	22.55	22.52		
5	QPSK	12	7	22.46	22.64	22.50	23	1
5	QPSK	12	13	22.46	22.50	22.46		
5	QPSK	25	0	22.38	22.49	22.40		
5	16QAM	1	0	22.55	22.44	22.41		
5	16QAM	1	12	22.75	22.70	22.63	23	1
5	16QAM	1	24	22.55	22.53	22.58		
5	16QAM	12	0	21.33	21.45	21.52		
5	16QAM	12	7	21.56	21.48	21.49	22	2
5	16QAM	12	13	21.52	21.45	21.49		
5	16QAM	25	0	21.39	21.57	21.51		
5	64QAM	1	0	21.44	21.40	21.51		
5	64QAM	1	12	21.67	21.63	21.67	22	2
5	64QAM	1	24	21.45	21.59	21.66		
5	64QAM	12	0	20.32	20.42	20.59		
5	64QAM	12	7	20.47	20.37	20.53	21	3
5	64QAM	12	13	20.41	20.36	20.42		
5	64QAM	25	0	20.45	20.55	20.52		
5	256QAM	1	0	18.22	18.35	18.31		
5	256QAM	1	12	18.20	18.24	18.16	19	5
5	256QAM	1	24	18.09	18.12	18.16		
5	256QAM	12	0	18.34	18.29	18.28		
5	256QAM	12	7	18.37	18.22	18.19	19	5
5	256QAM	12	13	18.32	18.27	18.25		
5	256QAM	25	0	18.30	18.36	18.23		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.07	23.03	23.10		
20	QPSK	1	49	23.25	23.32	23.30	24	0
20	QPSK	1	99	23.08	23.14	23.23		
20	QPSK	50	0	22.17	22.26	22.21		
20	QPSK	50	24	22.21	22.36	22.30	23	1
20	QPSK	50	50	22.18	22.27	22.26		
20	QPSK	100	0	22.14	22.29	22.22		
20	16QAM	1	0	22.21	22.20	22.26		
20	16QAM	1	49	22.41	22.50	22.49	23	1
20	16QAM	1	99	22.21	22.40	22.27		
20	16QAM	50	0	21.10	21.30	21.31		
20	16QAM	50	24	21.16

Band 12 Main PA_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	23.62	23.31	23.61		
10	QPSK	1	25	23.68	23.69	23.66	24.5	0
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57		
10	QPSK	25	12	22.68	22.71	22.62	23.5	1
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81		
10	16QAM	1	25	22.83	22.87	22.87	23.5	1
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59		
10	16QAM	25	12	21.66	21.65	21.65	22.5	2
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65		
10	64QAM	1	25	21.73	21.73	21.70	22.5	2
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56		
10	64QAM	25	12	20.61	20.62	20.62	21.5	3
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.65	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98		
10	256QAM	1	25	18.98	18.95	19.03	19.5	5
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99		
10	256QAM	25	12	19.02	19.02	19.05	19.5	5
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51		
5	QPSK	1	12	23.63	23.62	23.57	24.5	0
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.56	22.54		
5	QPSK	12	7	22.72	22.67	22.57	23.5	1
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61		
5	16QAM	1	0	22.78	22.75	22.83		
5	16QAM	1	12	22.85	22.85	22.92	23.5	1
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59		
5	16QAM	12	7	21.60	21.62	21.57	22.5	2
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68		
5	64QAM	1	12	21.65	21.63	21.64	22.5	2
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56		
5	64QAM	12	7	20.66	20.61	20.60	21.5	3
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94		
5	256QAM	1	12	19.01	18.98	18.93	19.5	5
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99		
5	256QAM	12	7	19.00	19.00	19.07	19.5	5
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62		
3	QPSK	1	8	23.64	23.66	23.68	24.5	0
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57		
3	QPSK	8	4	22.62	22.65	22.53	23.5	1
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.73	22.82	22.76		
3	16QAM	1	8	22.85	22.84	22.79	23.5	1
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63		
3	16QAM	8	4	21.58	21.70	21.55	22.5	2
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64		
3	64QAM	1	8	21.76	21.68	21.63	22.5	2
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59		
3	64QAM	8	4	20.55	20.62	20.60	21.5	3
3	64QAM	8	7	20.64	20.52	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88		
3	256QAM	1	8	18.99	18.89	19.08	19.5	5
3	256QAM	1	14	19.02	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93		
3	256QAM	8	4	18.95	18.93	18.96	19.5	5
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.06	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52		
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61	24.5	0
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.37	22.47		
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55	23.5	1
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.68	21.47	21.67		
1.4	64QAM	1	3	21.61	21.61	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60	22.5	2
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80		
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98	19.5	5
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.98	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83		
10	QPSK	1	25	23.90	23.95	23.91	24.5	0
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78		
10	QPSK	25	12	22.83	22.93	22.85	23.5	1
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02		
10	16QAM	1	25	23.02	23.06	23.04	23.5	1
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88		
10	16QAM	25	12	21.83	21.86	21.89	22.5	2
10	16QAM	25	25	21.86	21.73	21.96		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98		
10	64QAM	1	25	22.00	22.04	22.04	22.5	2
10	64QAM	1	49	22.01	22.00	22.01		
10	64QAM	25	0	20.73	20.82	20.87		
10	64QAM	25	12	20.82	20.85	20.84	21.5	3
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27		
10	256QAM	1	25	19.25	19.25	19.25	19.5	5
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23		
10	256QAM	25	12	19.28	19.20	19.27	19.5	5
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84		
5	QPSK	1	12	23.82	23.85	23.82	24.5	0
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73		
5	QPSK	12	7	22.77	22.98	22.87	23.5	1
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85		
5	16QAM	1	0	22.80	22.88	23.02		
5	16QAM	1	12	22.94	23.04	23.07	23.5	1
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81		
5	16QAM	12	7	21.82	21.80	21.80	22.5	2
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96		
5	64QAM	1	12	21.92	21.97	22.08	22.5	2
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81		
5	64QAM	12	7	20.87	20.79	20.79	21.5	3
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.96		
5	256QAM	1	0	19.21	19.17	19.27		
5	256QAM	1	12	19.17	19.26	19.30	19.5	5
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26		
5	256QAM	12	7	19.18	19.16	19.17	19.5	5
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73		
3	QPSK	1	8	23.86	23.87	23.94	24.5	0
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.75	22.88	22.77		
3	QPSK	8	4	22.81	22.96	22.82	23.5	1
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.74	22.86	23.04		
3	16QAM	1	8	23.02	23.02	22.99	23.5	1
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83		
3	16QAM	8	4	21.83	21.82	21.87	22.5	2
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95		
3	64QAM	1	8	22.02	22.04	22.03	22.5	2
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82		
3	64QAM	8	4	20.83	20.84	20.83	21.5	3
3	64QAM	8	7	20.83	20.78	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20		
3	256QAM	1	8	19.19	19.29	19.15	19.5	5
3	256QAM	1	14	19.23	19.23	19.13		
3	256QAM	8	0	19.22	19.21	19.18		
3	256QAM	8	4	19.32	19.10	19.20	19.5	5
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	19.16	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83		
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.88	23.88	24.5	0
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.69		
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94	23.5	1
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.88	21.91	21.97		
1.4	64QAM	1	3	21.62	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80	22.5	2
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19		
1.4	256QAM	1	3	19.18	19.16	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06	19.5	5
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.49			
10	QPSK	1	25		24.61		25.5	0
10	QPSK	1	49		24.55			
10	QPSK	25	0		23.40			
10	QPSK	25	12		23.46		24.5	1
10	QPSK	25	25		23.44			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.54			
10	16QAM	1	25		23.51		24.5	1
10	16QAM	1	49		23.52			
10	16QAM	25	0		22.59			
10	16QAM	25	12		22.67		23.5	2
10	16QAM	25	25		22.66			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.64			
10	64QAM	1	25		22.73		23.5	2
10	64QAM	1	49		22.73			
10	64QAM	25	0		21.56			
10	64QAM	25	12		21.64		22.5	3
10	64QAM	25	25		21.59			
10	64QAM	50	0		21.56			
10	256QAM	1	0		19.67			
10	256QAM	1	25		19.54		20.5	5
10	256QAM	1	49		19.45			
10	256QAM	25	0		19.61			
10	256QAM	25	12		19.41		20.5	5
10	256QAM	25	25		19.43			
10	256QAM	50	0		19.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.21	24.22	24.31		
5	QPSK	1	12	24.48	24.44	24.34	25.5	0
5	QPSK	1	24	24.36	24.42	24.35		
5	QPSK	12	0	23.23	23.16	23.26		
5	QPSK	12	7	23.21	23.19	23.27	24.5	1
5	QPSK	12	13	23.22	23.25	23.16		
5	QPSK	25	0	23.38	23.31	23.36		
5	16QAM	1	0	23.38	23.38	23.26		
5	16QAM	1	12	23.28	23.36	23.34	24.5	1
5	16QAM	1	24	23.37	23.30	23.27		
5	16QAM	12	0	22.31	22.44	22.33		
5	16QAM	12	7	22.44	22.45	22.42	23.5	2
5	16QAM	12	13	22.35	22.42	22.42		
5	16QAM	25	0	22.35	22.30	22.41		
5	64QAM	1	0	22.46	22.40	22.43		
5	64QAM	1	12	22.52	22.52	22.50	23.5	2
5	64QAM	1	24	22.47	22.47	22.45		
5	64QAM	12	0	21.32	21.30	21.35		
5	64QAM	12	7	21.40	21.50	21.45	22.5	3
5	64QAM	12	13	21.43	21.42	21.41		
5	64QAM	25	0	21.32	21.43	21.30		
5	256QAM	1	0	19.51	19.44	19.39		
5	256QAM	1	12	19.36	19.40	19.30	20.5	5
5	256QAM	1	24	19.17	19.31	19.22		
5	256QAM	12	0	19.38	19.44	19.37		
5	256QAM	12	7	19.25	19.18	19.17	20.5	5
5	256QAM	12	13	19.28	19.16	19.22		
5	256QAM	25	0	19.31	19.27	19.18		

Band 13 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.59			
10	QPSK	1	25		24.72		25.5	0
10	QPSK	1	49		24.64			
10	QPSK	25	0		23.53			
10	QPSK	25	12		23.58		24.5	1
10	QPSK	25	25		23.54			
10	QPSK	50	0		23.55			
10	16QAM	1	0		23.71			
10	16QAM	1	25		23.81		24.5	1
10	16QAM	1	49		23.77			
10	16QAM	25	0		22.73			
10	16QAM	25	12		22.73		23.5	2
10	16QAM	25	25		22.71			
10	16QAM	50	0		22.67			
10	64QAM	1	0		22.80			
10	64QAM	1	25		22.92		23.5	2
10	64QAM	1	49		22.89			
10	64QAM	25	0		21.72			
10	64QAM	25	12		21.71		22.5	3
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.67			
10	256QAM	1	0		20.21			
10	256QAM	1	25		20.21		20.5	5
10	256QAM	1	49		20.18			
10	256QAM	25	0		20.21			
10	256QAM	25	12		20.29		20.5	5
10	256QAM	25	25		20.28			
10	256QAM	50	0		20.21			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.48	24.51	24.53		
5	QPSK	1	12	24.58	24.67	24.57	25.5	0
5	QPSK	1	24	24.56	24.49	24.46		
5	QPSK	12	0	23.46	23.40	23.39		
5	QPSK	12	7	23.44	23.42	23.49	24.5	1
5	QPSK	12	13	23.47	23.47	23.36		
5	QPSK	25	0	23.42	23.49	23.48		
5	16QAM	1	0	23.65	23.55	23.64		
5	16QAM	1	12	23.76	23.65	23.67	24.5	1
5	16QAM	1	24	23.69	23.67	23.69		
5	16QAM	12	0	22.66	22.57	22.67		
5	16QAM	12	7	22.56	22.54	22.64	23.5	2
5	16QAM	12	13	22.62	22.53	22.56		
5	16QAM	25	0	22.51	22.63	22.58		
5	64QAM	1	0	22.72	22.75	22.71		
5	64QAM	1	12	22.82	22.79	22.82	23.5	2
5	64QAM	1	24	22.81	22.74	22.83		
5	64QAM	12	0	21.68	21.55	21.59		
5	64QAM	12	7	21.64	21.57	21.59	22.5	3
5	64QAM	12	13	21.50	21.51	21.54		
5	64QAM	25	0	21.57	21.50	21.50		
5	256QAM	1	0	20.17	20.02	20.12		
5	256QAM	1	12	20.11	20.08	20.05	20.5	5
5	256QAM	1	24	20.02	20.08	20.03		
5	256QAM	12	0	20.08	20.05	20.06		
5	256QAM	12	7	20.13	20.12	20.13	20.5	5
5	256QAM	12	13	20.21	20.15	20.09		
5	256QAM	25	0	20.10	20.10	20.12		

Band 17 Main PA_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	23.22	23.21	23.33	24.5	0
10	QPSK	1	25	23.65	23.67	23.63		
10	QPSK	1	49	23.62	23.64	23.61		
10	QPSK	25	0	22.50	22.45	22.44	23.5	1
10	QPSK	25	12	22.57	22.61	22.57		
10	QPSK	25	25	22.51	22.47	22.52		
10	QPSK	50	0	22.49	22.52	22.48		
10	16QAM	1	0	22.78	22.77	22.74	23.5	1
10	16QAM	1	25	22.88	22.87	22.79		
10	16QAM	1	49	22.86	22.81	22.80		
10	16QAM	25	0	21.51	21.46	21.49	22.5	2
10	16QAM	25	12	21.62	21.62	21.60		
10	16QAM	25	25	21.51	21.47	21.52		
10	16QAM	50	0	21.47	21.45	21.52		
10	64QAM	1	0	21.64	21.64	21.61	22.5	2
10	64QAM	1	25	21.73	21.70	21.63		
10	64QAM	1	49	21.69	21.67	21.69		
10	64QAM	25	0	20.49	20.44	20.47	21.5	3
10	64QAM	25	12	20.60	20.62	20.58		
10	64QAM	25	25	20.51	20.48	20.49		
10	64QAM	50	0	20.49	20.45	20.50		
10	256QAM	1	0	18.86	18.88	18.89	19.5	5
10	256QAM	1	25	18.93	18.87	18.85		
10	256QAM	1	49	18.84	18.85	18.89		
10	256QAM	25	0	18.87	18.90	18.88	19.5	5
10	256QAM	25	12	18.87	18.85	18.87		
10	256QAM	25	25	18.87	18.91	18.89		
10	256QAM	50	0	18.86	18.93	18.92		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.23	23.20	23.32	24.5	0
5	QPSK	1	12	23.64	23.66	23.62		
5	QPSK	1	24	23.65	23.57	23.59		
5	QPSK	12	0	22.40	22.49	22.44	23.5	1
5	QPSK	12	7	22.55	22.58	22.57		
5	QPSK	12	13	22.53	22.50	22.57		
5	QPSK	25	0	22.46	22.42	22.49		
5	16QAM	1	0	22.70	22.73	22.68	23.5	1
5	16QAM	1	12	22.91	22.86	22.83		
5	16QAM	1	24	22.85	22.83	22.71		
5	16QAM	12	0	21.53	21.49	21.42	22.5	2
5	16QAM	12	7	21.53	21.53	21.64		
5	16QAM	12	13	21.52	21.47	21.44		
5	16QAM	25	0	21.45	21.47	21.57		
5	64QAM	1	0	21.67	21.55	21.51	22.5	2
5	64QAM	1	12	21.67	21.69	21.57		
5	64QAM	1	24	21.71	21.66	21.63		
5	64QAM	12	0	20.53	20.35	20.37	21.5	3
5	64QAM	12	7	20.54	20.61	20.54		
5	64QAM	12	13	20.43	20.43	20.39		
5	64QAM	25	0	20.40	20.46	20.47		
5	256QAM	1	0	18.83	18.82	18.88	19.5	5
5	256QAM	1	12	18.86	18.85	18.82		
5	256QAM	1	24	18.78	18.85	18.88		
5	256QAM	12	0	18.79	18.90	18.88	19.5	5
5	256QAM	12	7	18.81	18.78	18.79		
5	256QAM	12	13	18.78	18.81	18.85		
5	256QAM	25	0	18.90	18.85	18.85		

Band 17 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.44	23.45	23.56	24.5	0
10	QPSK	1	25	23.82	23.88	23.83		
10	QPSK	1	49	23.81	23.81	23.81		
10	QPSK	25	0	22.78	22.78	22.80	23.5	1
10	QPSK	25	12	22.86	22.87	22.86		
10	QPSK	25	25	22.80	22.79	22.80		
10	QPSK	50	0	22.85	22.87	22.81		
10	16QAM	1	0	22.95	23.02	22.96	23.5	1
10	16QAM	1	25	23.08	23.05	23.04		
10	16QAM	1	49	23.06	22.99	23.05		
10	16QAM	25	0	21.83	21.77	21.80	22.5	2
10	16QAM	25	12	21.89	21.88	21.87		
10	16QAM	25	25	21.79	21.81	21.85		
10	16QAM	50	0	21.78	21.78	21.85		
10	64QAM	1	0	21.97	21.95	21.93	22.5	2
10	64QAM	1	25	22.05	22.03	21.96		
10	64QAM	1	49	22.02	22.03	22.02		
10	64QAM	25	0	20.76	20.75	20.77	21.5	3
10	64QAM	25	12	20.84	20.86	20.85		
10	64QAM	25	25	20.79	20.76	20.83		
10	64QAM	50	0	20.78	20.77	20.82		
10	256QAM	1	0	19.19	19.16	19.13	19.5	5
10	256QAM	1	25	19.16	19.12	19.11		
10	256QAM	1	49	19.11	19.24	19.22		
10	256QAM	25	0	19.26	19.14	19.24	19.5	5
10	256QAM	25	12	19.14	19.11	19.22		
10	256QAM	25	25	19.11	19.18	19.15		
10	256QAM	50	0	19.22	19.24	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.44	23.43	23.53	24.5	0
5	QPSK	1	12	23.86	23.82	23.81		
5	QPSK	1	24	23.72	23.77	23.83		
5	QPSK	12	0	22.74	22.80	22.73	23.5	1
5	QPSK	12	7	22.79	22.81	22.88		
5	QPSK	12	13	22.82	22.72	22.80		
5	QPSK	25	0	22.88	22.83	22.86		
5	16QAM	1	0	22.89	22.95	22.86	23.5	1
5	16QAM	1	12	23.07	22.98	22.97		
5	16QAM	1	24	23.00	22.91	23.07		
5	16QAM	12	0	21.78	21.70	21.76	22.5	2
5	16QAM	12	7	21.87	21.81	21.82		
5	16QAM	12	13	21.76	21.73	21.76		
5	16QAM	25	0	21.68	21.75	21.78		
5	64QAM	1	0	21.87	21.95	21.92	22.5	2
5	64QAM	1	12	21.97	21.93	21.93		
5	64QAM	1	24	21.93	22.05	22.05		
5	64QAM	12	0	20.79	20.77	20.77	21.5	3
5	64QAM	12	7	20.87	20.81	20.85		
5	64QAM	12	13	20.81	20.72	20.87		
5	64QAM	25	0	20.80	20.73	20.86		
5	256QAM	1	0	19.09	19.20	19.14	19.5	5
5	256QAM	1	12	19.09	19.07	19.11		
5	256QAM	1	24	19.03	19.21	19.19		
5	256QAM	12	0	19.18	19.13	19.27	19.5	5
5	256QAM	12	7	19.06	19.07	19.22		
5	256QAM	12	13	19.04	19.14	19.20		
5	256QAM	25	0	19.26	19.26	19.25		

Band 26 Main PA_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	24.58	24.56	24.54	25.5	0
15	QPSK	1	37	24.63	24.65	24.58		
15	QPSK	1	74	24.61	24.49	24.41		
15	QPSK	36	0	23.60	23.50	23.55	24.5	1
15	QPSK	36	20	23.65	23.66	23.57		
15	QPSK	36	39	23.56	23.58	23.43		
15	QPSK	75	0	23.51	23.55	23.52		
15	16QAM	1	0	23.67	23.72	23.75	24.5	1
15	16QAM	1	37	23.87	23.84	23.85		
15	16QAM	1	74	23.74	23.70	23.68		
15	16QAM	36	0	22.57	22.53	22.57	23.5	2
15	16QAM	36	20	22.60	22.57	22.51		
15	16QAM	36	39	22.65	22.57	22.44		
15	16QAM	75	0	22.62	22.52	22.50		
15	64QAM	1	0	22.62	22.71	22.69	23.5	2
15	64QAM	1	37	22.77	22.83	22.74		
15	64QAM	1	74	22.66	22.64	22.54		
15	64QAM	36	0	21.79	21.68	21.56	22.5	3
15	64QAM	36	20	21.79	21.60	21.52		
15	64QAM	36	39	21.84	21.55	21.39		
15	64QAM	75	0	21.79	21.49	21.46		
15	256QAM	1	0	19.54	19.58	19.53	20.5	5
15	256QAM	1	37	19.59	19.57	19.54		
15	256QAM	1	74	19.62	19.56	19.55		
15	256QAM	36	0	19.57	19.57	19.63	20.5	5
15	256QAM	36	20	19.60	19.53	19.55		
15	256QAM	36	39	19.60	19.56	19.53		
15	256QAM	75	0	19.61	19.54	19.58		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.56	24.48	24.51	25.5	0
10	QPSK	1	25	24.64	24.64	24.60		
10	QPSK	1	49	24.52	24.42	24.42		
10	QPSK	25	0	23.52	23.53	23.59	24.5	1
10	QPSK	25	12	23.55	23.56	23.62		
10	QPSK	25	25	23.61	23.60	23.34		
10	QPSK	50	0	23.45	23.49	23.52		
10	16QAM	1	0	23.63	23.67	23.71	24.5	1
10	16QAM	1	25	23.92	23.87	23.82		
10	16QAM	1	49	23.79	23.75	23.70		
10	16QAM	25	0	22.58	22.43	22.62	23.5	2
10	16QAM	25	12	22.53	22.53	22.54		
10	16QAM	25	25	22.64	22.47	22.45		
10	16QAM	50	0	22.58	22.51	22.53		
10	64QAM	1	0	22.65	22.74	22.64	23.5	2
10	64QAM	1	25	22.75	22.83	22.67		
10	64QAM	1	49	22.68	22.54	22.45		
10	64QAM	25	0	21.69	21.72	21.57	22.5	3
10	64QAM	25	12	21.83	21.52	21.44		
10	64QAM	25	25	21.87	21.53	21.44		
10	64QAM	50	0	21.82	21.47	21.40		
10	256QAM	1	0	19.51	19.63	19.46	20.5	5
10	256QAM	1	25	19.56	19.61	19.58		
10	256QAM	1	49	19.56	19.60	19.60		
10	256QAM	25	0	19.61	19.62	19.53	20.5	5
10	256QAM	25	12	19.60	19.57	19.47		
10	256QAM	25	25	19.55	19.60	19.46		
10	256QAM	50	0	19.54	19.49	19.56		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.49	24.47	24.55	25.5	0
5	QPSK	1	12	24.56	24.63	24.62		
5	QPSK	1	24	24.60	24.51	24.35		
5	QPSK	12	0	23.52	23.43	23.46	24.5	1
5	QPSK	12	7	23.57	23.60	23.48		
5	QPSK	12	13	23.56	23.51	23.48		
5	QPSK	25	0	23.55	23.58	23.52		
5	16QAM	1	0	23.65	23.65	23.68	24.5	1
5	16QAM	1	12	23.86	23.80	23.84		
5	16QAM	1	24	23.71	23.71	23.61		
5	16QAM	12	0	22.55	22.58	22.51	23.5	2
5	16QAM	12	7	22.55	22.61	22.55		
5	16QAM	12	13	22.61	22.49	22.44		
5	16QAM	25	0	22.54	22.45	22.53		
5	64QAM	1	0	22.58	22.66	22.69	23.5	2
5	64QAM	1	12	22.76	22.80	22.70		
5	64QAM	1	24	22.60	22.59	22.55		
5	64QAM	12	0	21.74	21.61	21.56	22.5	3
5	64QAM	12	7	21.71	21.65	21.55		
5	64QAM	12	13	21.81	21.58	21.45		
5	64QAM	25	0	21.77	21.52	21.42		
5	256QAM	1	0	19.57	19.48	19.51	20.5	5
5	256QAM	1	12	19.50	19.58	19.48		
5	256QAM	1	24	19.53	19.51	19.59		
5	256QAM	12	0	19.57	19.62	19.58	20.5	5
5	256QAM	12	7	19.64	19.50	19.57		
5	256QAM	12	13	19.63	19.54	19.46		
5	256QAM	25	0	19.51	19.48	19.62		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.53	24.50	24.49	25.5	0
3	QPSK	1	8	24.57	24.55	24.57		
3	QPSK	1	14	24.55	24.42	24.41		
3	QPSK	8	0	23.62	23.51	23.50	24.5	1
3	QPSK	8	4	23.58	23.58	23.54		
3	QPSK	8	7	23.61	23.59	23.34		
3	QPSK	15	0	23.50	23.46	23.44		
3	16QAM	1	0	23.69	23.65	23.76	24.5	1
3	16QAM	1	8	23.85	23.77	23.83		
3	16QAM	1	14	23.75	23.73	23.70		
3	16QAM	8	0	22.62	22.52	22.59	23.5	2
3	16QAM	8	4	22.62	22.55	22.47		
3	16QAM	8	7	22.59	22.55	22.40		
3	16QAM	15	0	22.61	22.51	22.52		
3	64QAM	1	0	22.62	22.64	22.68	23.5	2
3	64QAM	1	8	22.78	22.75	22.66		
3	64QAM	1	14	22.58	22.57	22.47		
3	64QAM	8	0	21.79	21.62	21.55	22.5	3
3	64QAM	8	4	21.78	21.53	21.42		
3	64QAM	8	7	21.83	21.58	21.36		
3	64QAM	15	0	21.74	21.50	21.48		
3	256QAM	1	0	19.56	19.59	19.50	20.5	5
3	256QAM	1	8	19.58	19.47	19.57		
3	256QAM	1	14	19.63	19.48	19.55		
3	256QAM	8	0	19.52	19.56	19.61	20.5	5
3	256QAM	8	4	19.52	19.51	19.53		
3	256QAM	8	7	19.58	19.59	19.44		
3	256QAM	15	0	19.66	19.59	19.58		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.53	24.46	24.46	25.5	0
1.4	QPSK	1	3	24.58	24.60	24.57		
1.4	QPSK	1	5	24.62	24.58	24.47		
1.4	QPSK	3	0	24.57	24.55	24.45		
1.4	QPSK	3	1	24.57	24.47	24.45		
1.4	QPSK	3	3	24.52	24.51	24.44		
1.4	QPSK	6	0	23.64	23.51	23.46	24.5	1
1.4	16QAM	1	0	23.55	23.41	23.47	24.5	1
1.4	16QAM	1	3	23.56	23.42	23.48		
1.4	16QAM	1	5	23.56	23.49	23.45		
1.4	16QAM	3	0	23.64	23.41	23.57		
1.4	16QAM	3	1	23.64	23.48	23.55		
1.4	16QAM	3	3	23.65	23.51	23.50		
1.4	16QAM	6	0	22.58	22.43	22.48	23.5	2
1.4	64QAM	1	0	22.48	22.56	22.61	23.5	2
1.4	64QAM	1	3	22.61	22.54	22.51		
1.4	64QAM	1	5	22.57	22.45	22.55		
1.4	64QAM	3	0	22.54	22.52	22.60		
1.4	64QAM	3	1	22.51	22.47	22.60		
1.4	64QAM	3	3	22.57	22.47	22.53		
1.4	64QAM	6	0	21.77	21.67	21.51	22.5	3
1.4	256QAM	1	0	19.54	19.54	19.54	20.5	5
1.4	256QAM	1	3	19.62	19.57	19.57		
1.4	256QAM	1	5	19.62	19.55	19.56		
1.4	256QAM	3	0	19.58	19.49	19.66		
1.4	256QAM	3	1	19.61	19.57	19.49		
1.4	256QAM	3	3	19.62	19.48	19.51		
1.4	256QAM	6	0	19.54	19.47	19.48	20.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.69	24.74	24.69	25.5	0
15	QPSK	1	37	24.81	24.84	24.73		
15	QPSK	1	74	24.75	24.69	24.61		
15	QPSK	36	0	23.71	23.65	23.63	24.5	1
15	QPSK	36	20	23.76	23.78	23.71		
15	QPSK	36	39	23.73	23.68	23.58		
15	QPSK	75	0	23.71	23.73	23.67		
15	16QAM	1	0	23.85	23.91	23.88	24.5	1
15	16QAM	1	37	24.01	24.01	23.94		
15	16QAM	1	74	23.93	23.86	23.78		
15	16QAM	36	0	22.67	22.63	22.70	23.5	2
15	16QAM	36	20	22.72	22.69	22.64		
15	16QAM	36	39	22.75	22.70	22.57		
15	16QAM	75	0	22.71	22.63	22.65		
15	64QAM	1	0	22.66	22.69	22.67	23.5	2
15	64QAM	1	37	22.81	22.80	22.72		
15	64QAM	1	74	22.70	22.65	22.55		
15	64QAM	36	0	21.85	21.82	21.70	22.5	3
15	64QAM	36	20	21.87	21.67	21.65		
15	64QAM	36	39	21.92	21.68	21.58		
15	64QAM	75	0	21.88	21.55	21.62		
15	256QAM	1	0	20.00	19.98	19.96	20.5	5
15	256QAM	1	37	20.05	19.93	19.97		
15	256QAM	1	74	19.95	20.07	20.00		
15	256QAM	36	0	20.05	20.06	20.07	20.5	5
15	256QAM	36	20	19.95	19.97	19.95		
15	256QAM	36	39	19.97	20.01	20.04		
15	256QAM	75	0	20.00	19.97	19.95		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.74	24.60	25.5	0
10	QPSK	1	25	24.73	24.75	24.69		
10	QPSK	1	49	24.74	24.73	24.55		
10	QPSK	25	0	23.73	23.65	23.66	24.5	1
10	QPSK	25	12	23.78	23.77	23.62		
10	QPSK	25	25	23.64	23.60	23.56		
10	QPSK	50	0	23.67	23.71	23.59		
10	16QAM	1	0	23.80	23.94	23.93	24.5	1
10	16QAM	1	25	24.03	23.97	23.87		
10	16QAM	1	49	23.96	23.80	23.71		
10	16QAM	25	0	22.71	22.64	22.60	23.5	2
10	16QAM	25	12	22.64	22.66	22.57		
10	16QAM	25	25	22.69	22.61	22.56		
10	16QAM	50	0	22.67	22.55	22.62		
10	64QAM	1	0	22.66	22.65	22.68	23.5	2
10	64QAM	1	25	22.73	22.74	22.67		
10	64QAM	1	49	22.74	22.58	22.46		
10	64QAM	25	0	21.88	21.83	21.62	22.5	3
10	64QAM	25	12	21.87	21.72	21.59		
10	64QAM	25	25	21.95	21.72	21.54		
10	64QAM	50	0	21.88	21.59	21.58		
10	256QAM	1	0	19.94	20.03	19.99	20.5	5
10	256QAM	1	25	20.04	19.95	19.96		
10	256QAM	1	49	19.90	20.06	20.03		
10	256QAM	25	0	20.02	20.07	20.11	20.5	5
10	256QAM	25	12	19.91	20.00	19.89		
10	256QAM	25	25	19.95	19.97	19.98		
10	256QAM	50	0	20.02	19.92	19.86		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.69	24.72	24.68	25.5	0
5	QPSK	1	12	24.76	24.83	24.73		
5	QPSK	1	24	24.67	24.72	24.51		
5	QPSK	12	0	23.74	23.66	23.62	24.5	1
5	QPSK	12	7	23.67	23.72	23.64		
5	QPSK	12	13	23.72	23.71	23.52		
5	QPSK	25	0	23.70	23.78	23.59		
5	16QAM	1	0	23.84	23.86	23.93	24.5	1
5	16QAM	1	12	23.93	24.06	23.93		
5	16QAM	1	24	23.94	23.77	23.81		
5	16QAM	12	0	22.66	22.54	22.73	23.5	2
5	16QAM	12	7	22.70	22.63	22.63		
5	16QAM	12	13	22.70	22.65	22.53		
5	16QAM	25	0	22.75	22.60	22.65		
5	64QAM	1	0	22.69	22.71	22.72	23.5	2
5	64QAM	1	12	22.72	22.72	22.73		
5	64QAM	1	24	22.61	22.58	22.46		
5	64QAM	12	0	21.81	21.83	21.61	22.5	3
5	64QAM	12	7	21.80	21.58	21.58		
5	64QAM	12	13	21.82	21.63	21.53		
5	64QAM	25	0	21.78	21.47	21.59		
5	256QAM	1	0	19.97	19.92	19.87	20.5	5
5	256QAM	1	12	19.97	19.83	19.99		
5	256QAM	1	24	19.89	19.99	19.91		
5	256QAM	12	0	20.06	19.96	20.04	20.5	5
5	256QAM	12	7	20.00	19.98	19.93		
5	256QAM	12	13	19.97	19.92	20.07		
5	256QAM	25	0	19.94	19.89	19.88		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.67	24.79	24.66	25.5	0
3	QPSK	1	8	24.79	24.82	24.68		
3	QPSK	1	14	24.77	24.66	24.62		
3	QPSK	8	0	23.74	23.69	23.64	24.5	1
3	QPSK	8	4	23.73	23.70	23.62		
3	QPSK	8	7	23.73	23.68	23.54		
3	QPSK	15	0	23.74	23.67	23.63		
3	16QAM	1	0	23.82	23.93	23.85	24.5	1
3	16QAM	1	8	24.02	23.96	23.88		
3	16QAM	1	14	23.86	23.87	23.70		
3	16QAM	8	0	22.61	22.56	22.60	23.5	2
3	16QAM	8	4	22.69	22.74	22.56		
3	16QAM	8	7	22.69	22.63	22.51		
3	16QAM	15	0	22.73	22.60	22.55		
3	64QAM	1	0	22.68	22.67	22.66	23.5	2
3	64QAM	1	8	22.76	22.75	22.64		
3	64QAM	1	14	22.64	22.64	22.47		
3	64QAM	8	0	21.76	21.78	21.61	22.5	3
3	64QAM	8	4	21.79	21.65	21.59		
3	64QAM	8	7	21.93	21.68	21.48		
3	64QAM	15	0	21.92	21.58	21.55		
3	256QAM	1	0	19.92	19.96	19.92	20.5	5
3	256QAM	1	8	20.05	19.88	19.96		
3	256QAM	1	14	19.90	20.06	19.98		
3	256QAM	8	0	20.04	20.06	20.08	20.5	5
3	256QAM	8	4	19.86	19.91	19.98		
3	256QAM	8	7	20.01	19.99	20.06		
3	256QAM	15	0	19.99	19.89	19.89		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.61	24.76	24.70	25.5	0
1.4	QPSK	1	3	24.63	24.79	24.60		
1.4	QPSK	1	5	24.70	24.67	24.61		
1.4	QPSK	3	0	24.62	24.76	24.72		
1.4	QPSK	3	1	24.72	24.75	24.70		
1.4	QPSK	3	3	24.68	24.78	24.74		
1.4	QPSK	6	0	23.81	23.95	23.88	24.5	1
1.4	16QAM	1	0	23.83	23.89	23.78	24.5	1
1.4	16QAM	1	3	23.88	23.93	23.89		
1.4	16QAM	1	5	23.84	23.93	23.92		
1.4	16QAM	3	0	23.78	23.83	23.88		
1.4	16QAM	3	1	23.80	23.84	23.80		
1.4	16QAM	3	3	23.82	23.94	23.93		
1.4	16QAM	6	0	22.57	22.61	22.58	23.5	2
1.4	64QAM	1	0	22.66	22.61	22.59	23.5	2
1.4	64QAM	1	3	22.57	22.64	22.65		
1.4	64QAM	1	5	22.58	22.71	22.63		
1.4	64QAM	3	0	22.71	22.66	22.67		
1.4	64QAM	3	1	22.61	22.73	22.64		
1.4	64QAM	3	3	22.60	22.65	22.63		
1.4	64QAM	6	0	21.88	21.78	21.72	22.5	3
1.4	256QAM	1	0	20.02	19.95	19.93	20.5	5
1.4	256QAM	1	3	19.96	19.94	19.92		
1.4	256QAM	1	5	19.95	20.09	19.98		
1.4	256QAM	3	0	20.01	20.06	20.07		
1.4	256QAM	3	1	19.95	20.00	20.00		
1.4	256QAM	3	3	19.98	19.97	20.02		
1.4	256QAM	6	0	20.04	19.88	19.88	20.5	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	20.34	20.28	20.28		
20	QPSK	1	49	20.35	20.43	20.42	21.5	0
20	QPSK	1	99	20.16	20.20	20.19		
20	QPSK	50	0	19.33	19.28	19.28		
20	QPSK	50	24	19.40	19.36	19.36	20.5	1
20	QPSK	50	50	19.27	19.31	19.30		
20	QPSK	100	0	19.31	19.32	19.30		
20	16QAM	1	0	19.45	19.44	19.45		
20	16QAM	1	49	19.56	19.62	19.62	20.5	1
20	16QAM	1	99	19.31	19.31	19.31		
20	16QAM	50	0	18.38	18.24	18.28		
20	16QAM	50	24	18.34	18.30	18.34	19.5	2
20	16QAM	50	50	17.22	18.31	18.32		
20	16QAM	100	0	18.26	18.24	18.29		
20	64QAM	1	0	18.39	18.41	18.44		
20	64QAM	1	49	18.43	18.49	18.54	19.5	2
20	64QAM	1	99	18.28	18.29	18.34		
20	64QAM	50	0	17.32	17.25	17.24		
20	64QAM	50	24	17.33	17.32	17.32	18.5	3
20	64QAM	50	50	17.21	17.30	17.35		
20	64QAM	100	0	17.22	17.31	17.24		
20	256QAM	1	0	15.39	15.34	15.32		
20	256QAM	1	49	15.43	15.31	15.33	16.5	5
20	256QAM	1	99	15.35	15.42	15.31		
20	256QAM	50	0	15.41	15.37	15.35		
20	256QAM	50	24	15.43	15.40	15.36	16.5	5
20	256QAM	50	50	15.36	15.42	15.29		
20	256QAM	100	0	15.32	15.43	15.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.34	20.19	20.19		
15	QPSK	1	37	20.35	20.42	20.34	21.5	0
15	QPSK	1	74	20.20	20.20	20.11		
15	QPSK	36	0	19.24	19.30	19.20		
15	QPSK	36	20	19.40	19.45	19.33	20.5	1
15	QPSK	36	39	19.22	19.25	19.23		
15	QPSK	75	0	19.30	19.29	19.28		
15	16QAM	1	0	19.46	19.46	19.44		
15	16QAM	1	37	19.45	19.56	19.58	20.5	1
15	16QAM	1	74	19.33	19.31	19.23		
15	16QAM	36	0	18.28	18.17	18.24		
15	16QAM	36	20	18.35	18.34	18.39	19.5	2
15	16QAM	36	39	18.14	18.14	18.30		
15	16QAM	75	0	18.26	18.14	18.26		
15	64QAM	1	0	18.43	18.32	18.48		
15	64QAM	1	37	18.45	18.43	18.44	19.5	2
15	64QAM	1	74	18.29	18.37	18.37		
15	64QAM	36	0	17.28	17.16	17.26		
15	64QAM	36	20	17.34	17.31	17.29	18.5	3
15	64QAM	36	39	17.16	17.25	17.31		
15	64QAM	75	0	17.21	17.28	17.28		
15	256QAM	1	0	15.42	15.29	15.31		
15	256QAM	1	37	15.42	15.29	15.27	16.5	5
15	256QAM	1	74	15.30	15.38	15.32		
15	256QAM	36	0	15.46	15.36	15.36		
15	256QAM	36	20	15.46	15.39	15.27	16.5	5
15	256QAM	36	39	15.40	15.41	15.21		
15	256QAM	75	0	15.32	15.35	15.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.35	20.29	20.22		
10	QPSK	1	25	20.30	20.33	20.40	21.5	0
10	QPSK	1	49	20.10	20.24	20.16		
10	QPSK	25	0	19.30	19.22	19.33		
10	QPSK	25	12	19.43	19.37	19.40	20.5	1
10	QPSK	25	25	19.21	19.27	19.34		
10	QPSK	50	0	19.35	19.23	19.34		
10	16QAM	1	0	19.38	19.40	19.42		
10	16QAM	1	25	19.45	19.48	19.53	20.5	1
10	16QAM	1	49	19.31	19.29	19.21		
10	16QAM	25	0	18.40	18.17	18.31		
10	16QAM	25	12	18.39	18.33	18.29	19.5	2
10	16QAM	25	25	18.26	18.35	18.36		
10	16QAM	50	0	18.31	18.19	18.22		
10	64QAM	1	0	18.37	18.31	18.37		
10	64QAM	1	25	18.33	18.39	18.57	19.5	2
10	64QAM	1	49	18.29	18.31	18.36		
10	64QAM	25	0	17.27	17.22	17.25		
10	64QAM	25	12	17.31	17.33	17.26	18.5	3
10	64QAM	25	25	17.26	17.25	17.30		
10	64QAM	50	0	17.19	17.23	17.14		
10	256QAM	1	0	15.33	15.35	15.26		
10	256QAM	1	25	15.44	15.26	15.27	16.5	5
10	256QAM	1	49	15.27	15.41	15.23		
10	256QAM	25	0	15.37	15.27	15.32		
10	256QAM	25	12	15.35	15.40	15.35	16.5	5
10	256QAM	25	25	15.32	15.35	15.30		
10	256QAM	50	0	15.24	15.40	15.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.34	20.19	20.25		
5	QPSK	1	12	20.29	20.34	20.40	21.5	0
5	QPSK	1	24	20.19	20.12	20.12		
5	QPSK	12	0	19.26	19.18	19.18		
5	QPSK	12	7	19.45	19.43	19.30	20.5	1
5	QPSK	12	13	19.17	19.33	19.23		
5	QPSK	25	0	19.21	19.32	19.28		
5	16QAM	1	0	19.35	19.46	19.44		
5	16QAM	1	12	19.49	19.56	19.52	20.5	1
5	16QAM	1	24	19.21	19.24	19.27		
5	16QAM	12	0	18.37	18.18	18.20		
5	16QAM	12	7	18.39	18.32	18.34	19.5	2
5	16QAM	12	13	18.22	18.23	18.36		
5	16QAM	25	0	18.19	18.18	18.32		
5	64QAM	1	0	18.38	18.45	18.47		
5	64QAM	1	12	18.40	18.34	18.53	19.5	2
5	64QAM	1	24	18.18	18.27	18.24		
5	64QAM	12	0	17.26	17.30	17.25		
5	64QAM	12	7	17.26	17.22	17.30	18.5	3
5	64QAM	12	13	17.15	17.21	17.40		
5	64QAM	25	0	17.26	17.24	17.16		
5	256QAM	1	0	15.35	15.27	15.36		
5	256QAM	1	12	15.44	15.28	15.31	16.5	5
5	256QAM	1	24	15.40	15.41	15.34		
5	256QAM	12	0	15.43	15.36	15.29		
5	256QAM	12	7	15.39	15.37	15.33	16.5	5
5	256QAM	12	13	15.31	15.35	15.29		
5	256QAM	25	0	15.38	15.42	15.28		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.32	20.26	20.27		
3	QPSK	1	8	20.31	20.35	20.35	21.5	0
3	QPSK	1	14	20.16	20.13	20.15		
3	QPSK	8	0	19.26	19.21	19.18		
3	QPSK	8	4	19.42	19.41	19.31	20.5	1
3	QPSK	8	7	19.29	19.29	19.28		
3	QPSK	15	0	19.27	19.35	19.23		
3	16QAM	1	0	19.49	19.45	19.41		
3	16QAM	1	8	19.42	19.47	19.56	20.5	1
3	16QAM	1	14	19.23	19.33	19.34		
3	16QAM	8	0	18.20	18.23	18.23		
3	16QAM	8	4	18.38	18.20	18.37	19.5	2
3	16QAM	8	7	18.20	18.21	18.36		
3	16QAM	15	0	18.29	18.17	18.23		
3	64QAM	1	0	18.31	18.32	18.34		
3	64QAM	1	8	18.34	18.45	18.45	19.5	2
3	64QAM	1	14	18.19	18.34	18.34		
3	64QAM	8	0	17.32	17.25	17.24		
3	64QAM	8	4	17.25	17.29	17.28	18.5	3
3	64QAM	8	7	17.26	17.39	17.39		
3	64QAM	15	0	17.17	17.18	17.27		
3	256QAM	1	0	15.35	15.28	15.36		
3	256QAM	1	8	15.47	15.33	15.30	16.5	5
3	256QAM	1	14	15.33	15.18	15.33		
3	256QAM	8	0	15.41	15.41	15.36		
3	256QAM	8	4	15.47	15.40	15.41	16.5	5
3	256QAM	8	7	15.38	15.37	15.19		
3	256QAM	15	0	15.32	15.43	15.34		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.29	20.33	20.21		
1.4	QPSK	1	3	20.29	20.33	20.18		
1.4	QPSK	1	5	20.24	20.28	20.30	21.5	0
1.4	QPSK	3	0	20.36	20.31	20.21		
1.4	QPSK	3	1	20.31	20.21	20.30		
1.4	QPSK	3	3	20.39	20.28	20.31		
1.4	QPSK	6	0	19.42	19.44	19.42	20.5	1
1.4	16QAM	1	0	19.43	19.35	19.44		
1.4	16QAM	1	3	19.42	19.36	19.50		
1.4	16QAM	1	5	19.41	19.46	19.35	20.5	1
1.4	16QAM	3	0	19.35	19.47	19.36		
1.4	16QAM	3	1	19.45	19.45	19.38		
1.4	16QAM	3	3	19.44	19.34	19.45		
1.4	16QAM	6	0	18.38	18.19	18.26	19.5	2
1.4	64QAM	1	0	18.34	18.14	18.19		
1.4	64QAM	1	3	18.33	18.16	18.19		
1.4	64QAM	1	5	18.38	18.14	18.21	19.5	2
1.4	64QAM	3	0	18.38	18.14	18.24		
1.4	64QAM	3	1	18.39	18.19	18.22		
1.4	64QAM	3	3	18.40	18.19	18.26		
1.4	64QAM	6	0	17.19	17.26	17.28	18.5	3
1.4	256QAM	1	0	15.41	15.31	15.34		
1.4	256QAM	1	3	15.34	15.23	15.32		
1.4	256QAM	1	5	15.31	15.34	15.22	16.5	5
1.4	256QAM	3	0	15.37	15.34	15.27		
1.4	256QAM	3	1	15.48	15.42	15.39		
1.4	256QAM	3	3	15.34	15.45	15.22		
1.4	256QAM	6	0	15.22	15.46	15.32	16.5	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	24.09	24.06	24.17		
20	QPSK	1	49	24.12	24.28	24.21	25.5	0
20	QPSK	1	99	23.96	24.01	23.96		
20	QPSK	50	0	23.13	23.20	23.19		
20	QPSK	50	24	23.15	23.28	23.22	24.5	1
20	QPSK	50	50	23.08	23.16	23.11		
20	QPSK	100	0	23.06	23.19	23.11		
20	16QAM	1	0	23.22	23.24	23.34		
20	16QAM	1	49	23.36	23.39	23.45	24.5	1
20	16QAM	1	99	23.15	23.23	23.12		
20	16QAM	50	0	22.06	22.12	22.24		
20	16QAM	50	24	22.09	22.16	22.18	23.5	2
20	16QAM	50	50	21.01	22.13	22.14		
20	16QAM	100	0	22.01	22.10	22.09		
20	64QAM	1	0	22.18	22.22	22.26		
20	64QAM	1	49	22.25	22.32	22.38	23.5	2
20	64QAM	1	99	22.06	22.13	22.06		
20	64QAM	50	0	21.07	21.09	21.20		
20	64QAM	50	24	21.07	21.19	21.21	22.5	3
20	64QAM	50	50	21.07	21.12	21.12		
20	64QAM	100	0	21.01	21.15	21.10		
20	256QAM	1	0	19.32	19.24	19.23		
20	256QAM	1	49	19.26	19.18	19.20	20.5	5
20	256QAM	1	99	19.29	19.19	19.31		
20	256QAM	50	0	19.21	19.21	19.19		
20	256QAM	50	24	19.29	19.27	19.26	20.5	5
20	256QAM	50	50	19.25	19.30	19.32		
20	256QAM	100	0	19.28	19.28	19.24		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.05	24.06	24.12		
15	QPSK	1	37	24.04	24.24	24.16	25.5	0
15	QPSK	1	74	23.96	24.01	23.87		
15	QPSK	36	0	23.04	23.12	23.15		
15	QPSK	36	20	23.14	23.21	23.22	24.5	1
15	QPSK	36	39	23.06	23.18	23.16		
15	QPSK	75	0	22.96	23.23	23.02		
15	16QAM	1	0	23.24	23.18	23.34		
15	16QAM	1	37	23.28	23.37	23.47	24.5	1
15	16QAM	1	74	23.10	23.23	23.08		
15	16QAM	36	0	22.02	22.09	22.25		
15	16QAM	36	20	22.12	22.20	22.17	23.5	2
15	16QAM	36	39	21.17	22.07	22.09		
15	16QAM	75	0	22.05	22.13	22.04		
15	64QAM	1	0	22.23	22.23	22.18		
15	64QAM	1	37	22.23	22.29	22.36	23.5	2
15	64QAM	1	74	22.10	22.08	22.04		
15	64QAM	36	0	21.01	21.13	21.25		
15	64QAM	36	20	21.02	21.22	21.25	22.5	3
15	64QAM	36	39	21.12	21.10	21.02		
15	64QAM	75	0	20.96	20.99	21.07		
15	256QAM	1	0	19.36	19.27	19.27		
15	256QAM	1	37	19.18	19.22	19.21	20.5	5
15	256QAM	1	74	19.29	19.20	19.33		
15	256QAM	36	0	19.19	19.24	19.16		
15	256QAM	36	20	19.19	19.21	19.24	20.5	5
15	256QAM	36	39	19.21	19.31	19.23		
15	256QAM	75	0	19.24	19.32	19.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.14	23.98	24.19		
10	QPSK	1	25	24.13	24.19	24.14	25.5	0
10	QPSK	1	49	24.00	23.96	23.91		
10	QPSK	25	0	23.09	23.26	23.13		
10	QPSK	25	12	23.05	23.32	23.21	24.5	1
10	QPSK	25	25	22.98	23.07	23.09		
10	QPSK	50	0	22.97	23.15	23.01		
10	16QAM	1	0	23.29	23.29	23.36		
10	16QAM	1	25	23.20	23.42	23.35	24.5	1
10	16QAM	1	49	23.06	23.23	23.04		
10	16QAM	25	0	22.06	22.09	22.21		
10	16QAM	25	12	22.04	22.15	22.21	23.5	2
10	16QAM	25	25	22.05	22.15	22.19		
10	16QAM	50	0	22.06	22.05	22.13		
10	64QAM	1	0	22.09	22.18	22.20		
10	64QAM	1	25	22.17	22.26	22.29	23.5	2
10	64QAM	1	49	22.09	22.12	21.99		
10	64QAM	25	0	21.11	21.00	21.13		
10	64QAM	25	12	21.05	21.11	21.24	22.5	3
10	64QAM	25	25	21.00	21.09	21.12		
10	64QAM	50	0	21.02	20.95	21.11		
10	256QAM	1	0	19.23	19.16	19.23		
10	256QAM	1	25	19.20	19.13	19.10	20.5	5
10	256QAM	1	49	19.29	19.18	19.21		
10	256QAM	25	0	19.11	19.16	19.09		
10	256QAM	25	12	19.24	19.29	19.28	20.5	5
10	256QAM	25	25	19.18	19.22	19.32		
10	256QAM	50	0	19.12	19.14	19.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.06	24.09	24.14		
5	QPSK	1	12	24.03	24.18	24.25	25.5	0
5	QPSK	1	24	23.96	23.95	24.01		
5	QPSK	12	0	23.08	23.17	23.20		
5	QPSK	12	7	23.10	23.25	23.23	24.5	1
5	QPSK	12	13	23.00	23.09	23.08		
5	QPSK	25	0	23.00	23.11	23.07		
5	16QAM	1	0	23.13	23.18	23.39		
5	16QAM	1	12	23.28	23.31	23.38	24.5	1
5	16QAM	1	24	23.06	23.25	23.16		
5	16QAM	12	0	22.10	22.13	22.14		
5	16QAM	12	7	22.07	22.07	22.16	23.5	2
5	16QAM	12	13	22.04	22.05	22.10		
5	16QAM	25	0	21.92	22.05	22.14		
5	64QAM	1	0	22.14	22.22	22.31		
5	64QAM	1	12	22.23	22.31	22.39	23.5	2
5	64QAM	1	24	21.98	22.16	22.07		
5	64QAM	12	0	21.00	21.00	21.18		
5	64QAM	12	7	21.02	21.14	21.18	22.5	3
5	64QAM	12	13	21.11	21.13	21.03		
5	64QAM	25	0	21.00	20.98	21.12		
5	256QAM	1	0	19.37	19.19	19.21		
5	256QAM	1	12	19.29	19.21	19.11	20.5	5
5	256QAM	1	24	19.19	19.18	19.25		
5	256QAM	12	0	19.12	19.16	19.23		
5	256QAM	12	7	19.28	19.21	19.23	20.5	5
5	256QAM	12	13	19.17	19.21	19.26		
5	256QAM	25	0	19.26	19.31	19.16		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.06	24.10	24.10		
3	QPSK	1	8	24.16	24.22	24.11	25.5	0
3	QPSK	1	14	23.93	23.92	23.90		
3	QPSK	8	0	23.09	23.25	23.22		
3	QPSK	8	4	23.09	23.23	23.27	24.5	1
3	QPSK	8	7	23.08	23.13	23.15		
3	QPSK	15	0	23.11	23.24	23.05		
3	16QAM	1	0	23.24	23.19	23.28		
3	16QAM	1	8	23.22	23.41	23.38	24.5	1
3	16QAM	1	14	23.11	23.25	23.12		
3	16QAM	8	0	22.04	22.09	22.21		
3	16QAM	8	4	21.99	22.06	22.13	23.5	2
3	16QAM	8	7	22.00	22.06	22.13		
3	16QAM	15	0	21.95	22.04	21.99		
3	64QAM	1	0	22.20	22.19	22.21		
3	64QAM	1	8	22.15	22.33	22.31	23.5	2
3	64QAM	1	14	22.03	22.08	22.10		
3	64QAM	8	0	21.05	21.07	21.14		
3	64QAM	8	4	21.00	21.24	21.26	22.5	3
3	64QAM	8	7	21.09	21.16	21.14		
3	64QAM	15	0	20.95	21.01	21.14		
3	256QAM	1	0	19.36	19.25	19.18		
3	256QAM	1	8	19.18	19.22	19.16	20.5	5
3	256QAM	1	14	19.11	19.12	19.32		
3	256QAM	8	0	19.11	19.19	19.24		
3	256QAM	8	4	19.24	19.29	19.20	20.5	5
3	256QAM	8	7	19.29	19.34	19.23		
3	256QAM	15	0	19.31	19.25	19.16		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.00	24.03	24.16		
1.4	QPSK	1	3	23.99	24.08	24.19		
1.4	QPSK	1	5	24.14	24.06	24.21	25.5	0
1.4	QPSK	3	0	24.06	24.05	24.07		
1.4	QPSK	3	1	24.14	23.98	24.21		
1.4	QPSK	3	3	23.99	24.02	24.22		
1.4	QPSK	6	0	23.18	23.29	23.39	24.5	1
1.4	16QAM	1	0	23.21	23.28	23.37		
1.4	16QAM	1	3	23.17	23.16	23.31		
1.4	16QAM	1	5	23.25	23.25	23.26	24.5	1
1.4	16QAM	3	0	23.22	23.18	23.38		
1.4	16QAM	3	1	23.15	23.21	23.37		
1.4	16QAM	3	3	23.16	23.19	23.30		
1.4	16QAM	6	0	22.10	22.05	22.20	23.5	2
1.4	64QAM	1	0	22.00	22.02	22.16		
1.4	64QAM	1	3	22.11	22.05	22.19		
1.4	64QAM	1	5	22.01	22.11	22.19	23.5	2
1.4	64QAM	3	0	22.05	22.15	22.29		
1.4	64QAM	3	1	22.08	22.12	22.16		
1.4	64QAM	3	3	21.98	22.05	22.24		
1.4	64QAM	6	0	20.98	21.12	21.19	22.5	3
1.4	256QAM	1	0	19.24	19.27	19.26		
1.4	256QAM	1	3	19.18	19.19	19.17		
1.4	256QAM	1	5	19.32	19.10	19.27	20.5	5
1.4	256QAM	3	0	19.09	19.11	19.23		
1.4	256QAM	3	1	19.26	19.28	19.31		
1.4	256QAM	3	3	19.25	19.26	19.28		
1.4	256QAM	6	0	19.29	19.23	19.27	20.5	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	23.41	23.35	23.33		
20	QPSK	1	49	23.43	23.50	23.44	24.2	0
20	QPSK	1	99	23.35	23.29	23.15		
20	QPSK	50	0	22.40	22.42	22.41		
20	QPSK	50	24	22.44	22.51	22.45	23.2	1
20	QPSK	50	50	22.41	22.40	22.30		
20	QPSK	100	0	22.40	22.45	22.33		
20	16QAM	1	0	22.60	22.52	22.52		
20	16QAM	1	49	22.63	22.63	22.62	23.2	1
20	16QAM	1	99	22

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.52	20.40	20.32		
20	QPSK	1	49	20.56	20.65	20.54	21.5	0
20	QPSK	1	99	20.51	20.41	20.43		
20	QPSK	50	0	19.55	19.47	19.47		
20	QPSK	50	24	19.57	19.63	19.52	20.5	1
20	QPSK	50	50	19.55	19.48	19.49		
20	QPSK	100	0	19.46	19.55	19.49		
20	16QAM	1	0	19.50	19.34	19.30		
20	16QAM	1	49	19.63	19.52	19.33	20.5	1
20	16QAM	1	99	19.46	19.36	19.41		
20	16QAM	50	0	18.56	18.46	18.47		
20	16QAM	50	24	18.65	18.53	18.54	19.5	2
20	16QAM	50	50	18.56	18.45	18.52		
20	16QAM	100	0	18.56	18.44	18.48		
20	64QAM	1	0	18.23	18.12	18.08		
20	64QAM	1	49	18.38	18.26	18.25	19.5	2
20	64QAM	1	99	18.24	18.12	18.17		
20	64QAM	50	0	17.52	17.42	17.45		
20	64QAM	50	24	17.60	17.48	17.48	18.5	3
20	64QAM	50	50	17.53	17.43	17.47		
20	64QAM	100	0	17.51	17.43	17.47		
20	256QAM	1	0	15.23	15.22	15.12		
20	256QAM	1	49	15.13	15.18	15.26	16.5	5
20	256QAM	1	99	15.23	15.12	15.16		
20	256QAM	50	0	15.20	15.20	15.17		
20	256QAM	50	24	15.26	15.25	15.20	16.5	5
20	256QAM	50	50	15.24	15.23	15.14		
20	256QAM	100	0	15.23	15.18	15.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.49	20.32	20.26		
15	QPSK	1	37	20.53	20.64	20.58	21.5	0
15	QPSK	1	74	20.42	20.38	20.36		
15	QPSK	36	0	19.51	19.39	19.46		
15	QPSK	36	20	19.57	19.60	19.54	20.5	1
15	QPSK	36	39	19.59	19.39	19.47		
15	QPSK	75	0	19.41	19.52	19.40		
15	16QAM	1	0	19.52	19.27	19.26		
15	16QAM	1	37	19.61	19.47	19.54	20.5	1
15	16QAM	1	74	19.49	19.40	19.37		
15	16QAM	36	0	18.55	18.45	18.48		
15	16QAM	36	20	18.66	18.52	18.57	19.5	2
15	16QAM	36	39	18.56	18.46	18.45		
15	16QAM	75	0	18.57	18.40	18.43		
15	64QAM	1	0	18.28	18.12	18.06		
15	64QAM	1	37	18.33	18.24	18.16	19.5	2
15	64QAM	1	74	18.20	18.02	18.14		
15	64QAM	36	0	17.46	17.40	17.37		
15	64QAM	36	20	17.50	17.50	17.49	18.5	3
15	64QAM	36	39	17.56	17.48	17.42		
15	64QAM	75	0	17.46	17.45	17.38		
15	256QAM	1	0	15.18	15.15	15.02		
15	256QAM	1	37	15.05	15.18	15.18	16.5	5
15	256QAM	1	74	15.28	15.02	15.11		
15	256QAM	36	0	15.21	15.15	15.20		
15	256QAM	36	20	15.20	15.27	15.23	16.5	5
15	256QAM	36	39	15.28	15.14	15.11		
15	256QAM	75	0	15.28	15.21	15.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.50	20.43	20.37		
10	QPSK	1	25	20.55	20.60	20.53	21.5	0
10	QPSK	1	49	20.54	20.43	20.41		
10	QPSK	25	0	19.46	19.40	19.51		
10	QPSK	25	12	19.57	19.66	19.42	20.5	1
10	QPSK	25	25	19.52	19.43	19.41		
10	QPSK	50	0	19.40	19.58	19.44		
10	16QAM	1	0	19.50	19.29	19.22		
10	16QAM	1	25	19.55	19.55	19.52	20.5	1
10	16QAM	1	49	19.47	19.31	19.36		
10	16QAM	25	0	18.51	18.38	18.41		
10	16QAM	25	12	18.63	18.49	18.50	19.5	2
10	16QAM	25	25	18.46	18.49	18.43		
10	16QAM	50	0	18.49	18.39	18.38		
10	64QAM	1	0	18.26	18.14	18.13		
10	64QAM	1	25	18.38	18.29	18.27	19.5	2
10	64QAM	1	49	18.25	18.06	18.10		
10	64QAM	25	0	17.56	17.33	17.47		
10	64QAM	25	12	17.51	17.38	17.44	18.5	3
10	64QAM	25	25	17.56	17.45	17.44		
10	64QAM	50	0	17.51	17.34	17.51		
10	256QAM	1	0	15.21	15.27	15.13		
10	256QAM	1	25	15.09	15.21	15.16	16.5	5
10	256QAM	1	49	15.23	15.04	15.17		
10	256QAM	25	0	15.13	15.15	15.08		
10	256QAM	25	12	15.30	15.16	15.11	16.5	5
10	256QAM	25	25	15.15	15.21	15.14		
10	256QAM	50	0	15.21	15.08	15.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.49	20.33	20.26		
5	QPSK	1	12	20.60	20.64	20.54	21.5	0
5	QPSK	1	24	20.53	20.44	20.33		
5	QPSK	12	0	19.56	19.37	19.43		
5	QPSK	12	7	19.58	19.59	19.46	20.5	1
5	QPSK	12	13	19.49	19.41	19.48		
5	QPSK	25	0	19.40	19.57	19.41		
5	16QAM	1	0	19.48	19.33	19.20		
5	16QAM	1	12	19.65	19.57	19.58	20.5	1
5	16QAM	1	24	19.44	19.29	19.31		
5	16QAM	12	0	18.51	18.51	18.46		
5	16QAM	12	7	18.66	18.50	18.55	19.5	2
5	16QAM	12	13	18.56	18.37	18.43		
5	16QAM	25	0	18.46	18.48	18.43		
5	64QAM	1	0	18.23	18.09	18.11		
5	64QAM	1	12	18.41	18.26	18.21	19.5	2
5	64QAM	1	24	18.18	18.13	18.13		
5	64QAM	12	0	17.55	17.42	17.47		
5	64QAM	12	7	17.60	17.42	17.50	18.5	3
5	64QAM	12	13	17.49	17.39	17.50		
5	64QAM	25	0	17.46	17.38	17.52		
5	256QAM	1	0	15.18	15.22	15.03		
5	256QAM	1	12	15.16	15.11	15.31	16.5	5
5	256QAM	1	24	15.28	15.02	15.21		
5	256QAM	12	0	15.19	15.10	15.22		
5	256QAM	12	7	15.20	15.26	15.24	16.5	5
5	256QAM	12	13	15.14	15.25	15.06		
5	256QAM	25	0	15.27	15.11	15.20		

Band 38 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.75	24.74	24.71		
20	QPSK	1	49	24.94	24.95	24.92	25.5	0
20	QPSK	1	99	24.85	24.78	24.87		
20	QPSK	50	0	23.83	23.78	23.85		
20	QPSK	50	24	23.93	23.95	23.91	24.5	1
20	QPSK	50	50	23.91	23.84	23.90		
20	QPSK	100	0	23.86	23.88	23.81		
20	16QAM	1	0	23.76	23.70	23.70		
20	16QAM	1	49	23.91	23.87	23.88	24.5	1
20	16QAM	1	99	23.80	23.78	23.80		
20	16QAM	50	0	22.83	22.77	22.87		
20	16QAM	50	24	22.93	22.86	22.93	23.5	2
20	16QAM	50	50	22.89	22.82	22.93		
20	16QAM	100	0	22.84	22.81	22.88		
20	64QAM	1	0	22.47	22.45	22.43		
20	64QAM	1	49	22.64	22.63	22.67	23.5	2
20	64QAM	1	99	22.56	22.51	22.58		
20	64QAM	50	0	21.79	21.76	21.82		
20	64QAM	50	24	21.88	21.83	21.91	22.5	3
20	64QAM	50	50	21.85	21.81	21.87		
20	64QAM	100	0	21.84	21.75	21.83		
20	256QAM	1	0	19.36	19.35	19.37		
20	256QAM	1	49	19.40	19.32	19.26	20.5	5
20	256QAM	1	99	19.39	19.40	19.33		
20	256QAM	50	0	19.29	19.26	19.33		
20	256QAM	50	24	19.29	19.34	19.38	20.5	5
20	256QAM	50	50	19.28	19.35	19.35		
20	256QAM	100	0	19.28	19.36	19.25		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.76	24.70	24.66		
15	QPSK	1	37	24.89	24.88	24.93	25.5	0
15	QPSK	1	74	24.75	24.77	24.83		
15	QPSK	36	0	23.86	23.80	23.78		
15	QPSK	36	20	23.96	23.89	23.85	24.5	1
15	QPSK	36	39	23.90	23.80	23.84		
15	QPSK	75	0	23.91	23.86	23.72		
15	16QAM	1	0	23.68	23.66	23.72		
15	16QAM	1	37	23.87	23.92	23.91	24.5	1
15	16QAM	1	74	23.81	23.75	23.82		
15	16QAM	36	0	22.79	22.76	22.84		
15	16QAM	36	20	22.88	22.82	22.94	23.5	2
15	16QAM	36	39	22.92	22.85	22.93		
15	16QAM	75	0	22.76	22.72	22.85		
15	64QAM	1	0	22.41	22.39	22.43		
15	64QAM	1	37	22.59	22.58	22.64	23.5	2
15	64QAM	1	74	22.52	22.48	22.59		
15	64QAM	36	0	21.77	21.71	21.87		
15	64QAM	36	20	21.86	21.84	21.86	22.5	3
15	64QAM	36	39	21.79	21.79	21.78		
15	64QAM	75	0	21.86	21.74	21.76		
15	256QAM	1	0	19.33	19.33	19.38		
15	256QAM	1	37	19.33	19.31	19.25	20.5	5
15	256QAM	1	74	19.40	19.33	19.24		
15	256QAM	36	0	19.29	19.16	19.33		
15	256QAM	36	20	19.22	19.25	19.33	20.5	5
15	256QAM	36	39	19.32	19.32	19.39		
15	256QAM	75	0	19.28	19.34	19.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.77	24.67	24.76		
10	QPSK	1	25	24.89	24.87	24.85	25.5	0
10	QPSK	1	49	24.81	24.83	24.88		
10	QPSK	25	0	23.85	23.70	23.81		
10	QPSK	25	12	23.92	24.00	23.93	24.5	1
10	QPSK	25	25	23.89	23.80	23.92		
10	QPSK	50	0	23.78	23.81	23.83		
10	16QAM	1	0	23.70	23.64	23.60		
10	16QAM	1	25	23.89	23.90	23.81	24.5	1
10	16QAM	1	49	23.85	23.74	23.71		
10	16QAM	25	0	22.74	22.67	22.82		
10	16QAM	25	12	22.94	22.89	22.88	23.5	2
10	16QAM	25	25	22.79	22.82	22.88		
10	16QAM	50	0	22.77	22.72	22.87		
10	64QAM	1	0	22.37	22.40	22.43		
10	64QAM	1	25	22.57	22.53	22.62	23.5	2
10	64QAM	1	49	22.60	22.48	22.57		
10	64QAM	25	0	21.70	21.77	21.72		
10	64QAM	25	12	21.87	21.75	21.88	22.5	3
10	64QAM	25	25	21.77	21.78	21.78		
10	64QAM	50	0	21.77	21.69	21.82		
10	256QAM	1	0	19.30	19.28	19.27		
10	256QAM	1	25	19.40	19.26	19.24	20.5	5
10	256QAM	1	49	19.43	19.38	19.27		
10	256QAM	25	0	19.27	19.22	19.33		
10	256QAM	25	12	19.25	19.30	19.43	20.5	5
10	256QAM	25	25	19.21	19.31	19.25		
10	256QAM	50	0	19.27	19.26	19.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.79	24.72	24.75		
5	QPSK	1	12	24.92	24.90	24.82	25.5	0
5	QPSK	1	24	24.86	24.81	24.84		
5	QPSK	12	0	23.86	23.78	23.79		
5	QPSK	12	7	23.90	23.86	23.89	24.5	1
5	QPSK	12	13	23.93	23.77	23.86		
5	QPSK	25	0	23.76	23.81	23.73		
5	16QAM	1	0	23.72	23.66	23.73		
5	16QAM	1	12	23.87	23.88	23.81	24.5	1
5	16QAM	1	24	23.85	23.69	23.74		
5	16QAM	12	0	22.86	22.80	22.92		
5	16QAM	12	7	22.92	22.91	22.87	23.5	2
5	16QAM	12	13	22.89	22.76	22.97		
5	16QAM	25	0	22.82	22.80	22.81		
5	64QAM	1	0	22.38	22.40	22.46		
5	64QAM	1	12	22.63	22.57	22.68	23.5	2
5	64QAM	1	24	22.52	22.49	22.54		
5	64QAM	12	0	21.80	21.72	21.86		
5	64QAM	12	7	21.93	21.78	21.93	22.5	3
5	64QAM	12	13	21.87	21.77	21.80		
5	64QAM	25	0	21.87	21.74	21.81		
5	256QAM	1	0	19.26	19.27	19.37		
5	256QAM	1	12	19.43	19.35	19.19	20.5	5
5	256QAM	1	24	19.36	19.31	19.31		
5	256QAM	12	0	19.22	19.23	19.24		
5	256QAM	12	7	19.19	19.24	19.28	20.5	5
5	256QAM	12	13	19.20	19.30	19.25		
5	256QAM	25	0	19.31	19.33	19.16		

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BW [MHz]	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	23.52	23.47	23.44		
20	QPSK	1	49	23.64	23.67	23.66	24	0
20	QPSK	1	99	23.59	23.51	23.56		
20	QPSK	50	0	22.55	22.51	22.59		
20	QPSK	50	24	22.59	22.66	22.64	23	1
20	QPSK	50	50	22.53	22.55	22.59		
20	QPSK	100	0	22.44	22.59	22.57		
20	16QAM	1	0	22.50	22.45	22.40		
20	16QAM	1	49	22.67	22.60	22.61	23	1
20	16QAM	1	99	22.56	22.47	22.52		
20	16QAM	50	0	21.56	21.51	21.59		
20	16QAM	50	24	21.68	21.58	21.66	22	2
20	16QAM	50	50	21.62	21.58	21.62		
20	16QAM	100	0	21.58	21.54	21.61		
20	64QAM	1	0	21.24	21.21	21.17		
20	64QAM	1	49	21.37	21.35	21.38	22	2
20	64QAM	1	99	21.28	21.24	21.28		
20	64QAM	50	0	20.51	20.48	20.56		
20	64QAM	50	24	20.61	20.57	20.64	21	3
20	64QAM	50	50	20.60	20.54	20.57		
20	64QAM	100	0	20.56	20.49	20.60		
20	256QAM	1	0	18.03	18.10	18.10		
20	256QAM	1	49	18.10	18.15	18.15	19	5
20	256QAM	1	99	18.03	18.04	18.12		
20	256QAM	50	0	18.03	18.01	18.13		
20	256QAM	50	24	18.07	18.12	18.04	19	5
20	256QAM	50	50	18.08	18.03	18.15		
20	256QAM	100	0	18.04	18.01	18.03		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.46	23.41	23.42		
15	QPSK	1	37	23.62	23.65	23.60	24	0
15	QPSK	1	74	23.57	23.41	23.54		
15	QPSK	36	0	22.46	22.54	22.59		
15	QPSK	36	20	22.57	22.68	22.58	23	1
15	QPSK	36	39	22.57	22.59	22.55		
15	QPSK	75	0	22.47	22.63	22.62		
15	16QAM	1	0	22.44	22.38	22.37		
15	16QAM	1	37	22.61	22.64	22.63	23	1
15	16QAM	1	74	22.53	22.51	22.43		
15	16QAM	36	0	21.57	21.46	21.61		
15	16QAM	36	20	21.62	21.59	21.68	22	2
15	16QAM	36	39	21.58	21.53	21.57		
15	16QAM	75	0	21.54	21.58	21.53		
15	64QAM	1	0	21.23	21.20	21.21		
15	64QAM	1	37	21.33	21.28	21.37	22	2
15	64QAM	1	74	21.29	21.22	21.26		
15	64QAM	36	0	20.41	20.44	20.49		
15	64QAM	36	20	20.56	20.61	20.64	21	3
15	64QAM	36	39	20.53	20.45	20.57		
15	64QAM	75	0	20.46	20.41	20.57		
15	256QAM	1	0	17.95	18.07	18.04		
15	256QAM	1	37	18.10	18.08	18.13	19	5
15	256QAM	1	74	17.94	18.03	18.14		
15	256QAM	36	0	18.06	17.96	18.12		
15	256QAM	36	20	18.11	18.03	18.09	19	5
15	256QAM	36	39	18.09	18.01	18.18		
15	256QAM	75	0	18.07	17.94	18.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.49	23.49	23.45		
10	QPSK	1	25	23.62	23.62	23.58	24	0
10	QPSK	1	49	23.49	23.42	23.54		
10	QPSK	25	0	22.59	22.52	22.50		
10	QPSK	25	12	22.59	22.70	22.54	23	1
10	QPSK	25	25	22.49	22.49	22.59		
10	QPSK	50	0	22.46	22.58	22.62		
10	16QAM	1	0	22.52	22.39	22.33		
10	16QAM	1	25	22.62	22.65	22.63	23	1
10	16QAM	1	49	22.46	22.37	22.49		
10	16QAM	25	0	21.60	21.43	21.63		
10	16QAM	25	12	21.58	21.62	21.60	22	2
10	16QAM	25	25	21.61	21.49	21.63		
10	16QAM	50	0	21.53	21.44	21.66		
10	64QAM	1	0	21.19	21.13	21.13		
10	64QAM	1	25	21.40	21.29	21.31	22	2
10	64QAM	1	49	21.21	21.20	21.29		
10	64QAM	25	0	20.47	20.43	20.52		
10	64QAM	25	12	20.56	20.58	20.59	21	3
10	64QAM	25	25	20.51	20.49	20.50		
10	64QAM	50	0	20.52	20.46	20.64		
10	256QAM	1	0	18.03	18.10	18.11		
10	256QAM	1	25	18.02	18.08	18.12	19	5
10	256QAM	1	49	18.04	17.98	18.05		
10	256QAM	25	0	18.03	17.92	18.04		
10	256QAM	25	12	18.09	18.05	18.07	19	5
10	256QAM	25	25	18.07	18.04	18.09		
10	256QAM	50	0	18.08	17.99	18.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.43	23.46	23.49		
5	QPSK	1	12	23.60	23.65	23.66	24	0
5	QPSK	1	24	23.64	23.43	23.61		
5	QPSK	12	0	22.48	22.45	22.59		
5	QPSK	12	7	22.58	22.64	22.68	23	1
5	QPSK	12	13	22.45	22.45	22.52		
5	QPSK	25	0	22.34	22.64	22.47		
5	16QAM	1	0	22.50	22.48	22.45		
5	16QAM	1	12	22.69	22.55	22.55	23	1
5	16QAM	1	24	22.49	22.46	22.47		
5	16QAM	12	0	21.47	21.48	21.60		
5	16QAM	12	7	21.65	21.57	21.58	22	2
5	16QAM	12	13	21.55	21.56	21.62		
5	16QAM	25	0	21.49	21.57	21.63		
5	64QAM	1	0	21.23	21.21	21.19		
5	64QAM	1	12	21.37	21.26	21.29	22	2
5	64QAM	1	24	21.23	21.24	21.28		
5	64QAM	12	0	20.55	20.48	20.55		
5	64QAM	12	7	20.53	20.48	20.63	21	3
5	64QAM	12	13	20.55	20.56	20.54		
5	64QAM	25	0	20.57	20.47	20.51		
5	256QAM	1	0	17.97	18.07	18.01		
5	256QAM	1	12	18.06	18.05	18.18	19	5
5	256QAM	1	24	17.94	17.95	18.06		
5	256QAM	12	0	17.97	17.98	18.05		
5	256QAM	12	7	18.12	18.10	17.94	19	5
5	256QAM	12	13	18.04	17.98	18.05		
5	256QAM	25	0	17.99	17.92	18.01		

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BW [MHz]	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	23.20	23.12	24	0
20	QPSK	1	49	23.36	23.38	23.34		
20	QPSK	1	99	23.31	23.18	23.22		
20	QPSK	50	0	22.33	22.26	22.27	23	1
20	QPSK	50	24	22.34	22.42	22.29		
20	QPSK	50	50	22.31	22.26	22.24		
20	QPSK	100	0	22.34	22.35	22.25		
20	16QAM	1	0	22.29	22.18	22.07	23	1
20	16QAM	1	49	22.40	22.30	22.27		
20	16QAM	1	99	22.25	22.16	22.18		
20	16QAM	50	0	21.34	21.27	21.28	22	2
20	16QAM	50	24	21.45	21.30	21.34		
20	16QAM	50	50	21.39	21.27	21.27		
20	16QAM	100	0	21.34	21.23	21.26		
20	64QAM	1	0	21.01	20.92	20.87	22	2
20	64QAM	1	49	21.14	21.07	21.05		
20	64QAM	1	99	21.02	20.91	20.91		
20	64QAM	50	0	20.32	20.23	20.22	21	3
20	64QAM	50	24	20.38	20.27	20.27		
20	64QAM	50	50	20.33	20.22	20.23		
20	64QAM	100	0	20.33	20.21	20.26		
20	256QAM	1	0	17.87	17.94	17.94	19	5
20	256QAM	1	49	17.86	17.91	17.96		
20	256QAM	1	99	17.92	17.85	17.88		
20	256QAM	50	0	17.86	17.89	17.93	19	5
20	256QAM	50	24	17.95	17.90	17.92		
20	256QAM	50	50	17.89	17.98	17.84		
20	256QAM	100	0	17.92	17.88	17.91		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.28	23.16	23.11	24	0
15	QPSK	1	37	23.32	23.37	23.33		
15	QPSK	1	74	23.28	23.21	23.25		
15	QPSK	36	0	22.29	22.19	22.20	23	1
15	QPSK	36	20	22.29	22.32	22.23		
15	QPSK	36	39	22.21	22.18	22.29		
15	QPSK	75	0	22.35	22.39	22.29		
15	16QAM	1	0	22.24	22.09	22.02	23	1
15	16QAM	1	37	22.34	22.32	22.21		
15	16QAM	1	74	22.22	22.21	22.14		
15	16QAM	36	0	21.34	21.20	21.25	22	2
15	16QAM	36	20	21.46	21.28	21.34		
15	16QAM	36	39	21.31	21.24	21.22		
15	16QAM	75	0	21.34	21.15	21.23		
15	64QAM	1	0	21.01	20.92	20.87	22	2
15	64QAM	1	37	21.05	21.04	21.03		
15	64QAM	1	74	20.97	20.96	20.87		
15	64QAM	36	0	20.23	20.13	20.14	21	3
15	64QAM	36	20	20.42	20.22	20.23		
15	64QAM	36	39	20.23	20.13	20.27		
15	64QAM	75	0	20.32	20.25	20.27		
15	256QAM	1	0	17.90	17.88	17.88	19	5
15	256QAM	1	37	17.83	17.81	17.96		
15	256QAM	1	74	17.87	17.86	17.90		
15	256QAM	36	0	17.86	17.85	17.97	19	5
15	256QAM	36	20	17.89	17.88	17.92		
15	256QAM	36	39	17.87	17.94	17.88		
15	256QAM	75	0	17.91	17.92	17.87		
Channel				37550	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.24	23.16	23.12	24	0
10	QPSK	1	25	23.27	23.37	23.34		
10	QPSK	1	49	23.22	23.11	23.17		
10	QPSK	25	0	22.30	22.31	22.22	23	1
10	QPSK	25	12	22.32	22.35	22.26		
10	QPSK	25	25	22.25	22.19	22.22		
10	QPSK	50	0	22.34	22.28	22.20		
10	16QAM	1	0	22.32	22.18	22.04	23	1
10	16QAM	1	25	22.35	22.22	22.18		
10	16QAM	1	49	22.16	22.18	22.16		
10	16QAM	25	0	21.32	21.28	21.21	22	2
10	16QAM	25	12	21.50	21.22	21.27		
10	16QAM	25	25	21.37	21.17	21.23		
10	16QAM	50	0	21.24	21.28	21.28		
10	64QAM	1	0	21.04	20.87	20.89	22	2
10	64QAM	1	25	21.17	21.07	21.03		
10	64QAM	1	49	21.07	20.84	20.92		
10	64QAM	25	0	20.27	20.18	20.17	21	3
10	64QAM	25	12	20.35	20.21	20.17		
10	64QAM	25	25	20.25	20.25	20.27		
10	64QAM	50	0	20.31	20.26	20.24		
10	256QAM	1	0	17.91	17.86	17.92	19	5
10	256QAM	1	25	17.76	17.87	17.92		
10	256QAM	1	49	17.93	17.81	17.91		
10	256QAM	25	0	17.83	17.84	17.88	19	5
10	256QAM	25	12	17.88	17.80	17.83		
10	256QAM	25	25	17.94	17.89	17.86		
10	256QAM	50	0	17.92	17.92	17.92		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.21	23.10	23.13	24	0
5	QPSK	1	12	23.35	23.37	23.26		
5	QPSK	1	24	23.26	23.09	23.20		
5	QPSK	12	0	22.32	22.23	22.23	23	1
5	QPSK	12	7	22.35	22.42	22.26		
5	QPSK	12	13	22.23	22.25	22.28		
5	QPSK	25	0	22.24	22.34	22.18		
5	16QAM	1	0	22.27	22.09	22.11	23	1
5	16QAM	1	12	22.30	22.27	22.23		
5	16QAM	1	24	22.15	22.12	22.22		
5	16QAM	12	0	21.27	21.32	21.27	22	2
5	16QAM	12	7	21.49	21.24	21.24		
5	16QAM	12	13	21.37	21.18	21.25		
5	16QAM	25	0	21.27	21.22	21.29		
5	64QAM	1	0	20.96	20.85	20.89	22	2
5	64QAM	1	12	21.04	21.07	21.02		
5	64QAM	1	24	20.98	20.84	20.93		
5	64QAM	12	0	20.23	20.18	20.12	21	3
5	64QAM	12	7	20.38	20.18	20.18		
5	64QAM	12	13	20.23	20.27	20.23		
5	64QAM	25	0	20.33	20.22	20.16		
5	256QAM	1	0	17.92	17.92	17.96	19	5
5	256QAM	1	12	17.90	17.88	17.94		
5	256QAM	1	24	17.86	17.83	17.91		
5	256QAM	12	0	17.76	17.84	17.83	19	5
5	256QAM	12	7	17.97	17.93	17.84		
5	256QAM	12	13	17.93	17.92	17.82		
5	256QAM	25	0	17.88	17.85	17.92		

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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	20.55	20.25	20.45	20.17	20.41	21.5	0
20	QPSK	1	49	20.56	20.44	20.66	20.29	20.43		
20	QPSK	1	99	20.49	20.41	20.44	20.22	20.21		
20	QPSK	50	0	19.51	19.36	19.55	19.23	19.41	20.5	1
20	QPSK	50	24	19.56	19.45	19.63	19.27	19.40		
20	QPSK	50	50	19.55	19.42	19.54	19.22	19.27		
20	QPSK	100	0	19.55	19.42	19.57	19.20	19.35		
20	16QAM	1	0	19.51	19.23	19.42	19.22	19.37	20.5	1
20	16QAM	1	49	19.63	19.43	19.55	19.31	19.41		
20	16QAM	1	99	19.45	19.41	19.42	19.21	19.16		
20	16QAM	50	0	18.51	18.38	18.57	18.24	18.47	19.5	2
20	16QAM	50	24	18.62	18.43	18.59	18.28	18.39		
20	16QAM	50	50	18.61	18.47	18.55	18.21	18.25		
20	16QAM	100	0	18.55	18.41	18.53	18.19	18.36		
20	64QAM	1	0	18.22	17.96	18.16	17.92	18.09	19.5	2
20	64QAM	1	49	18.36	18.15	18.30	18.00	18.11		
20	64QAM	1	99	18.17	18.12	18.13	17.95	17.93		
20	64QAM	50	0	17.47	17.36	17.52	17.20	17.43	18.5	3
20	64QAM	50	24	17.58	17.38	17.55	17.22	17.37		
20	64QAM	50	50	17.58	17.41	17.51	17.18	17.22		
20	64QAM	100	0	17.52	17.38	17.50	17.17	17.32		
20	256QAM	1	0	15.18	15.20	15.22	15.18	15.24	16.5	5
20	256QAM	1	49	15.12	15.20	15.19	15.15	15.13		
20	256QAM	1	99	15.25	15.14	15.13	15.25	15.24		
20	256QAM	50	0	15.25	15.15	15.23	15.12	15.18	16.5	5
20	256QAM	50	24	15.19	15.16	15.19	15.14	15.13		
20	256QAM	50	50	15.21	15.17	15.21	15.23	15.24		
20	256QAM	100	0	15.15	15.19	15.23	15.21	15.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.50	20.09	20.43	20.17	20.46	21.5	0
15	QPSK	1	37	20.56	20.33	20.57	20.27	20.45		
15	QPSK	1	74	20.48	20.15	20.46	20.21	20.20		
15	QPSK	36	0	19.51	19.24	19.46	19.22	19.45	20.5	1
15	QPSK	36	20	19.56	19.31	19.55	19.32	19.49		
15	QPSK	36	39	19.52	19.19	19.44	19.22	19.20		
15	QPSK	75	0	19.62	19.21	19.62	19.13	19.25		
15	16QAM	1	0	19.36	19.18	19.45	19.20	19.36	20.5	1
15	16QAM	1	37	19.60	19.23	19.54	19.24	19.34		
15	16QAM	1	74	19.39	19.13	19.46	19.26	19.14		
15	16QAM	36	0	18.52	18.17	18.60	18.21	18.48	19.5	2
15	16QAM	36	20	18.52	18.26	18.51	18.24	18.36		
15	16QAM	36	39	18.57	18.14	18.45	18.26	18.17		
15	16QAM	75	0	18.46	18.18	18.48	18.11	18.27		
15	64QAM	1	0	18.16	17.83	18.10	17.97	18.03	19.5	2
15	64QAM	1	37	18.27	17.91	18.32	18.03	18.11		
15	64QAM	1	74	18.06	17.90	18.12	17.89	17.84		
15	64QAM	36	0	17.53	17.15	17.46	17.21	17.38	18.5	3
15	64QAM	36	20	17.59	17.20	17.49	17.13	17.33		
15	64QAM	36	39	17.42	17.21	17.56	17.13	17.14		
15	64QAM	75	0	17.43	17.10	17.45	17.14	17.37		
15	256QAM	1	0	15.20	15.20	15.20	15.15	15.27	16.5	5
15	256QAM	1	37	15.11	15.14	15.24	15.15	15.03		
15	256QAM	1	74	15.15	15.27	15.08	15.17	15.21		
15	256QAM	36	0	15.22	15.10	15.22	15.02	15.12	16.5	5
15	256QAM	36	20	15.24	15.15	15.20	15.04	15.09		
15	256QAM	36	39	15.11	15.26	15.15	15.14	15.14		
15	256QAM	75	0	15.22	15.22	15.13	15.20	15.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.49	20.20	20.40	20.17	20.38	21.5	0
10	QPSK	1	25	20.57	20.24	20.64	20.31	20.41		
10	QPSK	1	49	20.40	20.17	20.44	20.20	20.20		
10	QPSK	25	0	19.51	19.16	19.46	19.18	19.44	20.5	1
10	QPSK	25	12	19.53	19.18	19.53	19.24	19.53		
10	QPSK	25	25	19.52	19.25	19.45	19.12	19.28		
10	QPSK	50	0	19.52	19.18	19.55	19.25	19.32		
10	16QAM	1	0	19.36	19.24	19.40	19.19	19.38	20.5	1
10	16QAM	1	25	19.46	19.27	19.46	19.36	19.34		
10	16QAM	1	49	19.45	19.24	19.35	19.21	19.14		
10	16QAM	25	0	18.59	18.20	18.62	18.17	18.52	19.5	2
10	16QAM	25	12	18.54	18.29	18.61	18.20	18.30		
10	16QAM	25	25	18.56	18.13	18.49	18.23	18.23		
10	16QAM	50	0	18.55	18.22	18.53	18.15	18.32		
10	64QAM	1	0	18.08	17.82	18.11	17.85	18.01	19.5	2
10	64QAM	1	25	18.29	18.03	18.24	18.00	18.13		
10	64QAM	1	49	18.10	17.88	18.14	17.93	17.91		
10	64QAM	25	0	17.47	17.12	17.43	17.11	17.46	18.5	3
10	64QAM	25	12	17.51	17.26	17.50	17.13	17.38		
10	64QAM	25	25	17.49	17.15	17.43	17.13	17.25		
10	64QAM	50	0	17.50	17.16	17.54	17.14	17.32		
10	256QAM	1	0	15.26	15.19	15.18	15.22	15.29	16.5	5
10	256QAM	1	25	15.11	15.05	15.21	15.17	15.03		
10	256QAM	1	49	15.06	15.28	15.05	15.26	15.24		
10	256QAM	25	0	15.19	15.14	15.27	15.06	15.23	16.5	5
10	256QAM	25	12	15.12	15.18	15.15	15.13	15.06		
10	256QAM	25	25	15.15	15.23	15.21	15.28	15.19		
10	256QAM	50	0	15.16	15.11	15.27	15.15	15.13		
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	20.48	20.09	20.36	20.21	20.37	21.5	0
5	QPSK	1	12	20.56	20.28	20.35	20.23	20.38		
5	QPSK	1	24	20.48	20.26	20.20	20.22	20.26		
5	QPSK	12	0	19.51	19.28	19.35	19.20	19.39	20.5	1
5	QPSK	12	7	19.59	19.24	19.53	19.29	19.49		
5	QPSK	12	13	19.52	19.18	19.25	19.12	19.28		
5	QPSK	25	0	19.49	19.15	19.26	19.19	19.25		
5	16QAM	1	0	19.40	19.16	19.33	19.16	19.28	20.5	1
5	16QAM	1	12	19.53	19.35	19.45	19.34	19.33		
5	16QAM	1	24	19.38	19.12	19.10	19.11	19.12		
5	16QAM	12	0	18.52	18.25	18.39	18.15	18.49	19.5	2
5	16QAM	12	7	18.61	18.30	18.34	18.22	18.41		
5	16QAM	12	13	18.54	18.11	18.19	18.26	18.27		
5	16QAM	25	0	18.44	18.21	18.36	18.11	18.37		
5	64QAM	1	0	18.09	17.93	18.05	17.84	18.06	19.5	2
5	64QAM	1	12	18.33	17.94	18.11	18.02	18.12		
5	64QAM	1	24	18.11	18.00	17.96	17.91	17.98		
5	64QAM	12	0	17.42	17.15	17.34	17.25	17.38	18.5	3
5	64QAM	12	7	17.45	17.24	17.31	17.27	17.33		
5	64QAM	12	13	17.55	17.21	17.17	17.16	17.24		
5	64QAM	25	0	17.46	17.07	17.31	17.09	17.33		
5	256QAM	1	0	15.17	15.20	15.15	15.23	15.24	16.5	5
5	256QAM	1	12	15.21	15.11	15.16	15.10	15.06		
5	256QAM	1	24	15.18	15.23	15.25	15.18	15.27		
5	256QAM	12	0	15.26	15.12	15.08	15.14	15.18	16.5	5
5	256QAM	12	7	15.18	15.14	15.08	15.16	15.04		
5	256QAM	12	13	15.12	15.21	15.22	15.24	15.23		
5	256QAM	25	0	15.24	15.26	15.17	15.25	15.09		

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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	24.58	24.56	24.77	24.58	24.85	25.5	0
20	QPSK	1	49	24.71	24.64	24.96	24.74	24.90		
20	QPSK	1	99	24.65	24.60	24.82	24.58	24.62		
20	QPSK	50	0	23.57	23.52	23.88	23.69	23.88	24.5	1
20	QPSK	50	24	23.68	23.64	23.96	23.72	23.95		
20	QPSK	50	50	23.67	23.57	23.94	23.64	23.75		
20	QPSK	100	0	23.62	23.58	23.90	23.65	23.83		
20	16QAM	1	0	23.56	23.54	23.73	23.54	23.83	24.5	1
20	16QAM	1	49	23.70	23.60	23.93	23.74	23.88		
20	16QAM	1	99	23.50	23.63	23.79	23.55	23.62		
20	16QAM	50	0	22.56	22.50	22.89	22.67	22.94	23.5	2
20	16QAM	50	24	22.66	22.59	22.94	22.71	22.89		
20	16QAM	50	50	22.66	22.63	22.93	22.63	22.76		
20	16QAM	100	0	22.61	22.57	22.91	22.63	22.85		
20	64QAM	1	0	22.29	22.34	22.48	22.28	22.56	23.5	2
20	64QAM	1	49	22.40	22.31	22.66	22.46	22.64		
20	64QAM	1	99	22.24	22.32	22.53	22.25	22.31		
20	64QAM	50	0	21.55	21.48	21.84	21.65	21.92	22.5	3
20	64QAM	50	24	21.63	21.54	21.89	21.67	21.88		
20	64QAM	50	50	21.62	21.56	21.89	21.61	21.74		
20	64QAM	100	0	21.59	21.55	21.86	21.60	21.84		
20	256QAM	1	0	19.35	19.27	19.37	19.40	19.27	20.5	5
20	256QAM	1	49	19.36	19.35	19.34	19.26	19.33		
20	256QAM	1	99	19.36	19.37	19.39	19.36	19.43		
20	256QAM	50	0	19.40	19.37	19.40	19.42	19.39	20.5	5
20	256QAM	50	24	19.32	19.28	19.35	19.28	19.25		
20	256QAM	50	50	19.45	19.42	19.42	19.36	19.47		
20	256QAM	100	0	19.38	19.39	19.36	19.34	19.30		
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	24.77	24.53	24.89	24.62	24.79	25.5	0
15	QPSK	1	37	24.91	24.76	24.81	24.65	24.95		
15	QPSK	1	74	24.74	24.63	24.57	24.53	24.57		
15	QPSK	36	0	23.79	23.71	23.85	23.63	23.79	24.5	1
15	QPSK	36	20	23.91	23.64	23.93	23.67	23.88		
15	QPSK	36	39	23.91	23.56	23.73	23.69	23.66		
15	QPSK	75	0	23.80	23.67	23.84	23.70	23.87		
15	16QAM	1	0	23.77	23.47	23.73	23.46	23.82	24.5	1
15	16QAM	1	37	23.91	23.75	23.90	23.64	23.85		
15	16QAM	1	74	23.69	23.58	23.55	23.60	23.58		
15	16QAM	36	0	22.87	22.59	22.90	22.70	22.88	23.5	2
15	16QAM	36	20	22.97	22.74	22.88	22.62	22.85		
15	16QAM	36	39	22.86	22.54	22.77	22.56	22.66		
15	16QAM	75	0	22.87	22.67	22.86	22.60	22.79		
15	64QAM	1	0	22.46	22.25	22.59	22.33	22.57	23.5	2
15	64QAM	1	37	22.62	22.36	22.63	22.36	22.56		
15	64QAM	1	74	22.56	22.19	22.28	22.25	22.27		
15	64QAM	36	0	21.84	21.66	21.97	21.69	21.97	22.5	3
15	64QAM	36	20	21.89	21.58	21.87	21.69	21.93		
15	64QAM	36	39	21.86	21.59	21.86	21.65	21.74		
15	64QAM	75	0	21.79	21.59	21.85	21.53	21.83		
15	256QAM	1	0	19.35	19.36	19.29	19.39	19.18	20.5	5
15	256QAM	1	37	19.35	19.30	19.38	19.22	19.27		
15	256QAM	1	74	19.42	19.41	19.44	19.34	19.42		
15	256QAM	36	0	19.38	19.44	19.31	19.35	19.41	20.5	5
15	256QAM	36	20	19.28	19.22	19.15	19.33	19.17		
15	256QAM	36	39	19.43	19.39	19.37	19.32	19.46		
15	256QAM	75	0	19.40	19.33	19.20	19.31	19.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.67	24.56	24.72	24.58	24.79	25.5	0
10	QPSK	1	25	24.95	24.64	24.86	24.76	24.85		
10	QPSK	1	49	24.81	24.53	24.85	24.58	24.65		
10	QPSK	25	0	23.87	23.71	23.80	23.62	23.91	24.5	1
10	QPSK	25	12	23.92	23.73	23.92	23.64	23.83		
10	QPSK	25	25	23.94	23.64	23.88	23.65	23.69		
10	QPSK	50	0	23.90	23.63	23.83	23.69	23.79		
10	16QAM	1	0	23.75	23.52	23.72	23.44	23.87	24.5	1
10	16QAM	1	25	23.84	23.67	23.83	23.67	23.84		
10	16QAM	1	49	23.74	23.54	23.71	23.53	23.67		
10	16QAM	25	0	22.89	22.63	22.82	22.58	22.93	23.5	2
10	16QAM	25	12	22.96	22.66	22.84	22.64	22.81		
10	16QAM	25	25	22.95	22.63	22.85	22.53	22.78		
10	16QAM	50	0	22.91	22.64	22.90	22.60	22.90		
10	64QAM	1	0	22.44	22.24	22.51	22.23	22.50	23.5	2
10	64QAM	1	25	22.63	22.49

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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	23.36	23.22	23.50	23.26	23.50	24	0
20	QPSK	1	49	23.47	23.37	23.68	23.42	23.55		
20	QPSK	1	99	23.35	23.34	23.57	23.26	23.26		
20	QPSK	50	0	22.35	22.27	22.61	22.36	22.53	23	1
20	QPSK	50	24	22.46	22.36	22.66	22.41	22.57		
20	QPSK	50	50	22.42	22.32	22.65	22.30	22.38		
20	QPSK	100	0	22.40	22.33	22.61	22.31	22.47		
20	16QAM	1	0	22.36	22.09	22.48	22.22	22.50	23	1
20	16QAM	1	49	22.50	22.34	22.54	22.39	22.51		
20	16QAM	1	99	22.32	22.37	22.50	22.21	22.21		
20	16QAM	50	0	21.34	21.26	21.59	21.38	21.58	22	2
20	16QAM	50	24	21.43	21.34	21.65	21.40	21.53		
20	16QAM	50	50	21.46	21.36	21.67	21.32	21.37		
20	16QAM	100	0	21.40	21.31	21.62	21.32	21.47		
20	64QAM	1	0	21.08	20.81	21.20	20.98	21.21	22	2
20	64QAM	1	49	21.17	21.06	21.31	21.11	21.25		
20	64QAM	1	99	21.03	21.05	21.26	20.92	20.97		
20	64QAM	50	0	20.32	20.24	20.57	20.36	20.56	21	3
20	64QAM	50	24	20.42	20.27	20.62	20.36	20.52		
20	64QAM	50	50	20.42	20.32	20.62	20.28	20.35		
20	64QAM	100	0	20.36	20.29	20.60	20.28	20.46		
20	256QAM	1	0	18.03	18.16	18.11	18.12	18.03	19	5
20	256QAM	1	49	17.91	18.02	18.01	17.91	17.95		
20	256QAM	1	99	18.00	17.94	18.01	18.02	18.05		
20	256QAM	50	0	18.11	18.09	18.09	18.07	18.03	19	5
20	256QAM	50	24	18.06	18.14	18.16	18.07	18.13		
20	256QAM	50	50	18.09	18.10	18.15	18.18	18.14		
20	256QAM	100	0	18.06	18.02	18.07	18.04	18.09		
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	23.44	23.18	23.45	23.28	23.42	24	0
15	QPSK	1	37	23.63	23.41	23.65	23.34	23.49		
15	QPSK	1	74	23.55	23.29	23.62	23.26	23.25		
15	QPSK	36	0	22.55	22.29	22.54	22.38	22.51	23	1
15	QPSK	36	20	22.60	22.42	22.59	22.34	22.54		
15	QPSK	36	39	22.57	22.35	22.66	22.30	22.40		
15	QPSK	75	0	22.62	22.25	22.52	22.31	22.42		
15	16QAM	1	0	22.47	22.18	22.43	22.24	22.42	23	1
15	16QAM	1	37	22.62	22.41	22.54	22.39	22.41		
15	16QAM	1	74	22.55	22.18	22.45	22.13	22.25		
15	16QAM	36	0	21.56	21.28	21.60	21.33	21.52	22	2
15	16QAM	36	20	21.56	21.31	21.55	21.33	21.48		
15	16QAM	36	39	21.57	21.37	21.65	21.27	21.39		
15	16QAM	75	0	21.53	21.22	21.54	21.35	21.45		
15	64QAM	1	0	21.10	20.91	21.24	20.96	21.19	22	2
15	64QAM	1	37	21.34	21.16	21.37	21.04	21.24		
15	64QAM	1	74	21.23	20.90	21.23	20.93	20.97		
15	64QAM	36	0	20.59	20.29	20.51	20.32	20.47	21	3
15	64QAM	36	20	20.54	20.28	20.64	20.32	20.44		
15	64QAM	36	39	20.55	20.20	20.66	20.19	20.39		
15	64QAM	75	0	20.50	20.26	20.57	20.21	20.44		
15	256QAM	1	0	18.15	18.07	18.09	18.14	17.94	19	5
15	256QAM	1	37	18.04	17.86	17.94	17.83	17.91		
15	256QAM	1	74	17.94	17.94	17.92	18.07	17.97		
15	256QAM	36	0	18.05	18.12	18.07	18.06	18.08	19	5
15	256QAM	36	20	18.11	18.11	18.14	18.03	18.11		
15	256QAM	36	39	18.11	18.18	18.09	18.11	18.09		
15	256QAM	75	0	18.07	17.97	18.09	18.07	18.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.20	23.45	23.41	23.52	24	0
10	QPSK	1	25	23.64	23.33	23.45	23.55	23.58		
10	QPSK	1	49	23.60	23.27	23.30	23.22	23.30		
10	QPSK	25	0	22.59	22.33	22.50	22.49	22.57	23	1
10	QPSK	25	12	22.57	22.46	22.49	22.50	22.57		
10	QPSK	25	25	22.69	22.21	22.29	22.37	22.39		
10	QPSK	50	0	22.52	22.30	22.50	22.44	22.41		
10	16QAM	1	0	22.52	22.20	22.42	22.44	22.51	23	1
10	16QAM	1	25	22.56	22.41	22.45	22.54	22.43		
10	16QAM	1	49	22.54	22.14	22.20	22.21	22.25		
10	16QAM	25	0	21.56	21.29	21.54	21.59	21.50	22	2
10	16QAM	25	12	21.65	21.45	21.54	21.57	21.45		
10	16QAM	25	25	21.71	21.35	21.30	21.27	21.33		
10	16QAM	50	0	21.65	21.23	21.44	21.47	21.46		
10	64QAM	1	0	21.14	20.88	21.18	21.24	21.19	22	2
10	64QAM	1	25	21.26	21.11	21.26	21.23	21.25		
10	64QAM	1	49	21.16	20.85	20.90	20.97	20.94		
10	64QAM	25	0	20.59	20.27	20.57	20.53	20.49	21	3
10	64QAM	25	12	20.54	20.41	20.56	20.56	20.55		
10	64QAM	25	25	20.66	20.28	20.52	20.35	20.40		
10	64QAM	50	0	20.64	20.27	20.48	20.47	20.46		
10	256QAM	1	0	18.05	18.03	17.96	18.02	18.05	19	5
10	256QAM	1	25	17.96	17.95	17.90	18.00	17.98		
10	256QAM	1	49	18.05	18.06	18.04	17.99	17.98		
10	256QAM	25	0	18.12	18.03	17.97	18.03	18.08	19	5
10	256QAM	25	12	18.08	18.03	18.08	18.16	18.07		
10	256QAM	25	25	18.18	18.10	18.04	18.06	18.14		
10	256QAM	50	0	17.99	18.03	18.00	18.00	18.04		
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	23.47	23.20	23.45	23.30	23.44	24	0
5	QPSK	1	12	23.66	23.39	23.46	23.43	23.53		
5	QPSK	1	24	23.48	23.31	23.23	23.30	23.31		
5	QPSK	12	0	22.62	22.32	22.55	22.33	22.43	23	1
5	QPSK	12	7	22.68	22.32	22.49	22.38	22.57		
5	QPSK	12	13	22.58	22.29	22.37	22.29	22.41		
5	QPSK	25	0	22.64	22.22	22.42	22.22	22.37		
5	16QAM	1	0	22.45	22.13	22.41	22.12	22.52	23	1
5	16QAM	1	12	22.45	22.35	22.41	22.36	22.49		
5	16QAM	1	24	22.45	22.21	22.26	22.20	22.13		
5	16QAM	12	0	21.52	21.29	21.59	21.36	21.52	22	2
5	16QAM	12	7	21.58	21.36	21.51	21.34	21.52		
5	16QAM	12	13	21.66	21.22	21.31	21.25	21.40		
5	16QAM	25	0	21.63	21.22	21.50	21.31	21.41		
5	64QAM	1	0	21.16	21.03	21.17	21.00	21.20	22	2
5	64QAM	1	12	21.30	21.16	21.17	21.13	21.28		
5	64QAM	1	24	21.20	20.92	20.91	20.97	20.89		
5	64QAM	12	0	20.51	20.29	20.50	20.41	20.55	21	3
5	64QAM	12	7	20.52	20.26	20.50	20.26	20.51		
5	64QAM	12	13	20.57	20.32	20.25	20.27	20.28		
5	64QAM	25	0	20.55	20.18	20.42	20.29	20.45		
5	256QAM	1	0	18.11	18.11	18.07	18.08	18.06	19	5
5	256QAM	1	12	17.91	17.89	17.95	17.96	17.99		
5	256QAM	1	24	18.06	18.02	17.99	18.00	18.07		
5	256QAM	12	0	18.10	18.11	18.03	18.01	18.04	19	5
5	256QAM	12	7	18.07	18.06	18.07	18.08	18.09		
5	256QAM	12	13	18.20	18.22	18.04	18.21	18.04		
5	256QAM	25	0	18.03	18.02	18.10	18.03	18.06		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.18	22.99	23.26	22.98	23.10	24	0
20	QPSK	1	49	23.26	23.20	23.39	23.03	23.16		
20	QPSK	1	99	23.14	23.17	23.22	22.95	22.96		
20	QPSK	50	0	22.15	22.11	22.36	21.97	22.15	23	1
20	QPSK	50	24	22.28	22.21	22.38	22.01	22.21		
20	QPSK	50	50	22.21	22.17	22.35	21.95	22.04		
20	QPSK	100	0	22.20	22.17	22.35	21.96	22.09		
20	16QAM	1	0	22.15	21.98	22.25	21.94	22.08	23	1
20	16QAM	1	49	22.29	22.18	22.37	22.04	22.15		
20	16QAM	1	99	22.10	22.19	22.19	21.90	21.94		
20	16QAM	50	0	21.14	21.13	21.36	20.98	21.21	22	2
20	16QAM	50	24	21.24	21.20	21.37	21.02	21.14		
20	16QAM	50	50	21.26	21.22	21.35	20.94	21.03		
20	16QAM	100	0	21.19	21.16	21.34	20.94	21.11		
20	64QAM	1	0	20.86	20.68	20.96	20.61	20.81	22	2
20	64QAM	1	49	20.98	20.90	21.11	20.77	20.89		
20	64QAM	1	99	20.85	20.93	20.95	20.66	20.67		
20	64QAM	50	0	20.10	20.08	20.34	19.94	20.19	21	3
20	64QAM	50	24	20.19	20.15	20.35	19.96	20.13		
20	64QAM	50	50	20.22	20.16	20.32	19.92	20.00		
20	64QAM	100	0	20.16	20.15	20.29	19.91	20.11		
20	256QAM	1	0	17.88	17.89	17.95	17.88	17.99	19	5
20	256QAM	1	49	17.91	17.97	17.92	17.91	17.90		
20	256QAM	1	99	17.93	17.86	17.95	17.94	17.89		
20	256QAM	50	0	17.91	17.91	17.91	17.95	17.96	19	5
20	256QAM	50	24	17.76	17.77	17.86	17.90	17.89		
20	256QAM	50	50	17.90	17.95	17.93	17.86	17.88		
20	256QAM	100	0	17.91	17.98	17.97	17.96	18.01		
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	23.21	23.28	22.93	23.04	23.02	24	0
15	QPSK	1	37	23.31	23.33	22.95	23.20	23.18		
15	QPSK	1	74	23.20	23.19	23.00	22.88	22.97		
15	QPSK	36	0	22.27	22.36	21.98	22.14	22.07	23	1
15	QPSK	36	20	22.34	22.35	22.00	22.16	22.25		
15	QPSK	36	39	22.32	22.26	21.99	21.94	22.01		
15	QPSK	75	0	22.39	22.33	21.90	22.07	22.05		
15	16QAM	1	0	22.25	22.19	21.89	22.06	22.09	23	1
15	16QAM	1	37	22.35	22.29	21.97	22.12	22.09		
15	16QAM	1	74	22.22	22.16	21.95	21.97	21.91		
15	16QAM	36	0	21.34	21.32	20.94	21.23	21.19	22	2
15	16QAM	36	20	21.34	21.31	21.00	21.19	21.05		
15	16QAM	36	39	21.36	21.33	20.88	21.00	21.03		
15	16QAM	75	0	21.34	21.31	20.87	21.01	21.09		
15	64QAM	1	0	20.93	20.92	20.62	20.76	20.71	22	2
15	64QAM	1	37	21.04	21.07	20.70	20.83	20.80		
15	64QAM	1	74	20.89	20.91	20.61	20.58	20.58		
15	64QAM	36	0	20.24	20.32	19.95	20.20	20.20	21	3
15	64QAM	36	20	20.32	20.38	19.94	20.13	20.15		
15	64QAM	36	39	20.27	20.34	19.93	20.02	19.91		
15	64QAM	75	0	20.31	20.29	19.90	20.08	20.09		
15	256QAM	1	0	17.95	17.89	17.81	17.96	17.96	19	5
15	256QAM	1	37	17.94	17.92	17.86	17.89	17.80		
15	256QAM	1	74	17.98	17.88	17.90	17.91	17.85		
15	256QAM	36	0	17.85	17.94	17.98	17.89	17.91	19	5
15	256QAM	36	20	17.82	17.85	17.93	17.80	17.94		
15	256QAM	36	39	17.96	17.88	17.76	17.91	17.82		
15	256QAM	75	0	17.90	17.95	17.89	17.91	17.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.29	22.92	23.08	23.09	23.09	24	0
10	QPSK	1	25	23.37	23.05	23.06	23.20	23.07		
10	QPSK	1	49	23.15	22.97	22.91	22.87	22.95		
10	QPSK	25	0	22.39	22.01	22.05	22.05	22.13	23	1
10	QPSK	25	12	22.28	22.02	22.22	22.12	22.26		
10	QPSK	25	25	22.34	21.96	22.09	22.07	21.99		
10	QPSK	50	0	22.35	22.00	22.03	22.14	22.00		
10	16QAM	1	0	22.25	21.97	22.01	21.99	22.04	23	1
10	16QAM	1	25	22.29	21.99	22.11	22.13	22.18		
10	16QAM	1	49	22.16	21.86	21.93	21.92	21.98		
10	16QAM	25	0	21.28	21.01	21.20	21.18	21.23	22	2
10	16QAM	25	12	21.40	20.95	21.05	21.08	21.08		
10	16QAM	25	25	21.31	20.93	21.06	20.96	21.02		
10	16QAM	50	0	21.35	20.93	21.10	21.15	21.08		
10	64QAM	1	0	20.95	20.54	20.73	20.73	20.77	22	2
10	64QAM	1	25	20.89	20.73	20.87	20.87	20.84		
10	64QAM	1	49	20.88	20.50	20.45	20.54	20.47		
10	64QAM	25	0	20.27	19.87	20.16	20.15	20.09	21	3
10	64QAM	25	12	20.37	19.89	20.09	20.16	20.06		
10	64QAM	25	25	20.34	19.91	19.95	20.02	19.95		
10	64QAM	50	0	20.25	19.89	20.04	20.09	20.09		
10	256QAM	1	0	17.87	17.91	17.90	17.95	17.92	19	5
10	256QAM	1	25	17.92	17.87	17.93	17.84	17.85		
10	256QAM	1	49	17.87	17.85	17.87	17.85	17.80		
10	256QAM	25	0	17.83	17.85	17.87	17.97	17.86	19	5
10	256QAM	25	12	17.85	17.84	17.85	17.87	17.89		
10	256QAM	25	25	17.83	17.79	17.84	17.92	17.88		
10	256QAM	50	0	17.90	17.90	17.97	17.94	18.01		
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	23.30	22.97	23.05	23.02	23.05	24	0
5	QPSK	1	12	23.33	22.93	23.09	22.94	23.13		
5	QPSK	1	24	23.20	22.86	22.92	22.90	22.93		
5	QPSK	12	0	22.27	21.97	22.12	21.94	22.09	23	1
5	QPSK	12	7	22.28	21.92	22.15	22.02	22.17		
5	QPSK	12	13	22.34	21.90	22.03	21.94	21.97		
5	QPSK	25	0	22.31	21.87	22.13	21.88	22.11		
5	16QAM	1	0	22.24	21.84	22.01	21.96	21.98	23	1
5	16QAM	1	12	22.26	22.00	22.09	22.01	22.14		
5	16QAM	1	24	22.13	21.86	21.86	21.80	21.99		
5	16QAM	12	0	21.26	21.03	21.14	20.95	21.19	22	2
5	16QAM	12	7	21.24	21.07	21.12	20.92	21.19		
5	16QAM	12	13	21.30	20.99	21.03	20.85	20.93		
5	16QAM	25	0	21.32	20.98	21.11	20.87	21.16		
5	64QAM	1	0	20.94	20.54	20.86	20.58	20.72	22	2
5	64QAM	1	12	20.67	20.77	20.91	20.72	20.94		
5	64QAM	1	24	20.96	20.61	20.53	20.59	20.57		
5	64QAM	12	0	20.30	19.92	20.22	19.96	20.17	21	3
5	64QAM	12	7	20.23	19.95	20.05	19.96	20.16		
5	64QAM	12	13	20.18	19.84	19.99	19.85	19.91		
5	64QAM	25	0	20.29	19.95	20.03	19.82	20.09		
5	256QAM	1	0	17.85	17.88	17.91	17.92	18.04	19	5
5	256QAM	1	12	17.92	17.87	17.84	17.87	17.83		
5	256QAM	1	24	17.95	17.86	17.88	17.91	17.81		
5	256QAM	12	0	17.90	17.97	17.97	17.98	17.99	19	5
5	256QAM	12	7	17.79	17.86	17.93	17.83	17.81		
5	256QAM	12	13	17.87	17.89	17.87	17.89	17.86		
5	256QAM	25	0	18.01	17.91	17.92	17.93	18.04		

Reduced Power Mode for Main PA DSI 0

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	32.19	32.28	32.21	33.50	23.19	23.28	23.21	24.50
GPRS 1 Tx slot	32.29	32.33	32.29	33.50	23.29	23.33	23.29	24.50
GPRS 2 Tx slots	31.51	31.56	31.53	32.50	25.51	25.56	25.53	26.50
GPRS 3 Tx slots	29.75	29.74	29.77	30.50	25.49	25.48	25.51	26.24
GPRS 4 Tx slots	28.62	28.65	28.60	29.50	25.62	25.65	25.60	26.50
EDGE 1 Tx slot	27.24	27.12	27.14	28.00	18.24	18.12	18.14	19.00
EDGE 2 Tx slots	26.29	26.14	26.22	27.00	20.29	20.14	20.22	21.00
EDGE 3 Tx slots	24.31	24.12	24.22	25.00	20.05	19.86	19.96	20.74
EDGE 4 Tx slots	23.10	22.87	23.10	24.00	20.10	19.87	20.10	21.00

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	30.26	30.32	30.20	31.00	21.26	21.32	21.20	22.00
GPRS 1 Tx slot	30.30	30.34	30.24	31.00	21.30	21.34	21.24	22.00
GPRS 2 Tx slots	29.30	29.31	29.19	30.00	23.30	23.31	23.19	24.00
GPRS 3 Tx slots	27.24	27.24	27.09	28.00	22.98	22.98	22.83	23.74
GPRS 4 Tx slots	26.55	26.57	26.41	27.00	23.55	23.57	23.41	24.00
EDGE 1 Tx slot	24.88	24.89	24.73	25.50	15.88	15.89	15.73	16.50
EDGE 2 Tx slots	23.83	23.81	23.65	24.50	17.83	17.81	17.65	18.50
EDGE 3 Tx slots	21.12	21.11	20.94	22.50	16.86	16.85	16.68	18.24
EDGE 4 Tx slots	20.23	20.21	20.03	21.50	17.23	17.21	17.03	18.50

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	24.57	24.64	24.55	25.00	15.57	15.64	15.55	16.00
GPRS 1 Tx slot	24.64	24.67	24.65	25.00	15.64	15.67	15.65	16.00
GPRS 2 Tx slots	23.60	23.62	23.59	24.50	17.60	17.62	17.59	18.50
GPRS 3 Tx slots	21.54	21.59	21.56	22.50	17.28	17.33	17.30	18.24
GPRS 4 Tx slots	20.57	20.61	20.59	21.50	17.57	17.61	17.59	18.50
EDGE 1 Tx slot	20.47	20.48	20.43	21.00	11.47	11.48	11.43	12.00
EDGE 2 Tx slots	19.41	19.40	19.38	20.00	13.41	13.40	13.38	14.00
EDGE 3 Tx slots	17.15	17.16	17.14	17.50	12.89	12.90	12.88	13.24
EDGE 4 Tx slots	15.81	15.79	15.79	16.50	12.81	12.79	12.79	13.50

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.07	29.09	29.09	29.20	20.07	20.09	20.09	20.20
GPRS 1 Tx slot	29.10	29.15	29.13	29.20	20.10	20.15	20.13	20.20
GPRS 2 Tx slots	26.41	26.43	26.36	26.70	22.41	22.43	22.36	22.70
GPRS 3 Tx slots	26.60	26.63	26.63	26.70	22.34	22.37	22.37	22.44
GPRS 4 Tx slots	25.51	25.55	25.53	25.70	22.51	22.55	22.53	22.70
EDGE 1 Tx slot	24.78	25.05	25.01	25.20	15.78	16.05	16.01	16.20
EDGE 2 Tx slots	23.77	23.98	23.99	24.20	17.77	17.98	17.99	18.20
EDGE 3 Tx slots	21.57	21.56	21.55	21.70	17.31	17.30	17.29	17.44
EDGE 4 Tx slots	20.35	20.51	20.66	20.70	17.35	17.51	17.66	17.70

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA II_Ant 4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.47	17.49	17.39	18.00	23.38	23.41	23.40	23.70
3GPP Rel 99	RMC 12.2Kbps	17.51	17.57	17.44	18.00	23.41	23.49	23.45	23.70
3GPP Rel 6	HSDPA Subtest-1	16.52	16.47	16.47	17.00	22.57	22.51	22.53	22.70
3GPP Rel 6	HSDPA Subtest-2	16.53	16.46	16.47	17.00	22.56	22.54	22.51	22.70
3GPP Rel 6	HSDPA Subtest-3	16.07	16.02	16.02	16.50	22.12	22.04	22.04	22.20
3GPP Rel 6	HSDPA Subtest-4	16.03	15.95	15.96	16.50	22.03	22.00	22.00	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	16.42	16.40	16.43	17.00	22.55	22.49	22.51	23.70
3GPP Rel 8	DC-HSDPA Subtest-2	16.42	16.39	16.43	17.00	22.48	22.46	22.43	23.70
3GPP Rel 8	DC-HSDPA Subtest-3	16.00	15.97	16.01	16.50	22.04	21.96	21.96	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	15.98	15.85	15.89	16.50	21.95	21.92	21.92	22.20
3GPP Rel 6	HSUPA Subtest-1	14.55	14.56	14.51	15.00	20.56	20.51	20.51	20.70
3GPP Rel 6	HSUPA Subtest-2	14.52	14.50	14.48	15.00	20.55	20.49	20.50	20.70
3GPP Rel 6	HSUPA Subtest-3	15.60	15.62	15.53	16.00	21.62	21.55	21.56	21.70
3GPP Rel 6	HSUPA Subtest-4	14.04	14.08	14.00	14.50	20.12	20.07	20.07	20.20
3GPP Rel 6	HSUPA Subtest-5	15.50	15.50	15.50	16.00	21.51	21.50	21.52	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.02	14.02	13.97	14.50	20.04	20.00	20.05	20.20

Band		WCDMA IV_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 4			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1712.6	1752.6		1712.4	1752.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.70	17.77	17.78	18.50	23.36	23.35	23.33	23.70
3GPP Rel 99	RMC 12.2Kbps	17.81	17.83	17.82	18.50	23.41	23.44	23.39	23.70
3GPP Rel 6	HSDPA Subtest-1	16.80	16.80	16.81	17.50	22.45	22.46	22.51	22.70
3GPP Rel 6	HSDPA Subtest-2	16.77	16.82	16.80	17.50	22.47	22.41	22.55	22.70
3GPP Rel 6	HSDPA Subtest-3	16.31	16.37	16.33	17.00	22.00	21.97	22.07	22.20
3GPP Rel 6	HSDPA Subtest-4	16.30	16.33	16.30	17.00	21.98	21.91	22.03	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	16.76	16.70	16.74	17.00	22.36	22.37	22.42	22.70
3GPP Rel 8	DC-HSDPA Subtest-2	16.68	16.74	16.75	17.00	22.38	22.32	22.46	22.70
3GPP Rel 8	DC-HSDPA Subtest-3	16.29	16.31	16.31	16.50	21.91	21.88	21.98	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	16.24	16.24	16.23	16.50	21.98	21.91	22.03	22.20
3GPP Rel 6	HSUPA Subtest-1	14.85	15.35	14.98	15.50	20.44	20.48	20.53	20.70
3GPP Rel 6	HSUPA Subtest-2	14.78	14.77	14.88	15.50	20.48	20.41	20.54	20.70
3GPP Rel 6	HSUPA Subtest-3	15.82	15.80	15.94	16.50	21.49	21.45	21.54	21.70
3GPP Rel 6	HSUPA Subtest-4	14.24	14.26	14.42	15.00	19.98	19.97	20.09	20.20
3GPP Rel 6	HSUPA Subtest-5	15.93	15.70	15.80	16.50	21.55	21.42	21.51	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.25	14.19	14.37	15.00	20.00	20.13	20.01	20.20

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	23.86	23.81	23.83	25.00	22.02	22.07	22.07	23.00
3GPP Rel 99	RMC 12.2Kbps	23.89	23.91	23.88	25.00	22.08	22.12	22.11	23.00
3GPP Rel 6	HSDPA Subtest-1	22.91	22.88	22.83	24.00	20.89	20.89	20.90	22.00
3GPP Rel 6	HSDPA Subtest-2	22.92	22.89	22.89	24.00	20.90	20.89	20.90	22.00
3GPP Rel 6	HSDPA Subtest-3	22.45	22.39	22.42	23.50	20.60	20.62	20.47	21.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.34	22.34	23.50	20.59	20.57	20.48	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.83	22.80	22.75	24.00	20.81	20.86	20.84	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.81	22.81	24.00	20.81	20.85	20.89	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.37	22.31	22.34	23.50	20.53	20.56	20.43	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.35	22.26	22.26	23.50	20.53	20.53	20.48	21.50
3GPP Rel 6	HSUPA Subtest-1	20.86	20.83	20.86	22.00	19.04	19.06	19.10	20.00
3GPP Rel 6	HSUPA Subtest-2	20.89	20.85	20.85	22.00	19.05	19.06	19.06	20.00
3GPP Rel 6	HSUPA Subtest-3	21.95	21.91	21.90	23.00	20.07	20.10	20.12	21.00
3GPP Rel 6	HSUPA Subtest-4	20.62	20.57	20.39	21.50	18.60	18.62	18.58	19.50
3GPP Rel 6	HSUPA Subtest-5	21.98	21.93	21.88	23.00	20.10	20.10	20.10	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.04	20.02	19.95	21.00	18.02	18.07	18.05	19.00

Band 2 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.75	16.83	16.71		
20	QPSK	1	49	16.77	16.85	16.75	18	0
20	QPSK	1	99	16.52	16.44	16.53		
20	QPSK	50	0	16.81	16.75	16.74		
20	QPSK	50	24	16.82	16.83	16.76	18	0
20	QPSK	50	50	16.80	16.66	16.70		
20	QPSK	100	0	16.77	16.81	16.74		
20	16QAM	1	0	16.76	16.81	16.67		
20	16QAM	1	49	16.83	16.84	16.84	18	0
20	16QAM	1	99	16.84	16.77	16.77		
20	16QAM	50	0	16.77	16.78	16.81		
20	16QAM	50	24	16.81	16.77	16.79	18	0
20	16QAM	50	50	16.81	16.75	16.71		
20	16QAM	100	0	16.76	16.71	16.72		
20	64QAM	1	0	16.82	16.74	16.61		
20	64QAM	1	49	16.79	16.75	16.74	18	0
20	64QAM	1	99	16.48	16.51	16.41		
20	64QAM	50	0	16.71	16.74	16.78		
20	64QAM	50	24	16.74	16.72	16.74	18	0
20	64QAM	50	50	16.81	16.64	16.64		
20	64QAM	100	0	16.76	16.68	16.72		
20	256QAM	1	0	16.73	16.77	16.59		
20	256QAM	1	49	16.74	16.82	16.69	18	0
20	256QAM	1	99	16.45	16.40	16.52		
20	256QAM	50	0	16.76	16.75	16.65		
20	256QAM	50	24	16.80	16.78	16.69	18	0
20	256QAM	50	50	16.72	16.54	16.70		
20	256QAM	100	0	16.69	16.73	16.64		
Channel				18675	19125		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.70	16.78	16.66		
15	QPSK	1	37	16.72	16.82	16.71	18	0
15	QPSK	1	74	16.50	16.40	16.47		
15	QPSK	36	0	16.81	16.70	16.73		
15	QPSK	36	20	16.70	16.79	16.71	18	0
15	QPSK	36	39	16.74	16.67	16.60		
15	QPSK	75	0	16.76	16.76	16.66		
15	16QAM	1	0	16.75	16.79	16.59		
15	16QAM	1	37	16.76	16.79	16.81	18	0
15	16QAM	1	74	16.79	16.72	16.72		
15	16QAM	36	0	16.72	16.75	16.74		
15	16QAM	36	20	16.72	16.75	16.74	18	0
15	16QAM	36	39	16.76	16.65	16.66		
15	16QAM	75	0	16.64	16.63	16.67		
15	64QAM	1	0	16.71	16.63	16.57		
15	64QAM	1	37	16.74	16.66	16.69	18	0
15	64QAM	1	74	16.46	16.39	16.47		
15	64QAM	36	0	16.69	16.69	16.68		
15	64QAM	36	20	16.69	16.63	16.70	18	0
15	64QAM	36	39	16.82	16.58	16.64		
15	64QAM	75	0	16.74	16.64	16.66		
15	256QAM	1	0	16.70	16.66	16.53	18	0
15	256QAM	1	37	16.69	16.78	16.63		
15	256QAM	1	74	16.36	16.35	16.50		
15	256QAM	36	0	16.70	16.70	16.61		
15	256QAM	36	20	16.77	16.75	16.68	18	0
15	256QAM	36	39	16.60	16.48	16.64		
15	256QAM	75	0	16.65	16.68	16.58		
Channel				18650	19000	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.66	16.79	16.64		
10	QPSK	1	25	16.73	16.79	16.70	18	0
10	QPSK	1	49	16.44	16.39	16.44		
10	QPSK	25	0	16.72	16.72	16.72		
10	QPSK	25	12	16.77	16.78	16.69	18	0
10	QPSK	25	25	16.73	16.58	16.61		
10	QPSK	50	0	16.73	16.75	16.71		
10	16QAM	1	0	16.77	16.68	16.77		
10	16QAM	1	25	16.79	16.78	16.74	18	0
10	16QAM	1	49	16.73	16.78	16.73		
10	16QAM	25	0	16.69	16.76	16.76		
10	16QAM	25	12	16.73	16.70	16.70	18	0
10	16QAM	25	25	16.74	16.68	16.71		
10	16QAM	50	0	16.61	16.67	16.68		
10	64QAM	1	0	16.81	16.73	16.55		
10	64QAM	1	25	16.76	16.75	16.72	18	0
10	64QAM	1	49	16.45	16.46	16.38		
10	64QAM	25	0	16.68	16.70	16.72		
10	64QAM	25	12	16.68	16.67	16.69	18	0
10	64QAM	25	25	16.73	16.56	16.58		
10	64QAM	50	0	16.66	16.59	16.69		
10	256QAM	1	0	16.65	16.74	16.55		
10	256QAM	1	25	16.70	16.83	16.61	18	0
10	256QAM	1	49	16.37	16.41	16.49		
10	256QAM	25	0	16.68	16.69	16.60		
10	256QAM	25	12	16.75	16.72	16.63	18	0
10	256QAM	25	25	16.62	16.51	16.63		
10	256QAM	50	0	16.64	16.66	16.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.66	16.76	16.62		
5	QPSK	1	12	16.72	16.83	16.63	18	0
5	QPSK	1	24	16.42	16.34	16.50		
5	QPSK	12	0	16.72	16.78	16.72		
5	QPSK	12	7	16.72	16.77	16.76	18	0
5	QPSK	12	13	16.78	16.62	16.69		
5	QPSK	25	0	16.76	16.78	16.66		
5	16QAM	1	0	16.70	16.77	16.61		
5	16QAM	1	12	16.76	16.72	16.80	18	0
5	16QAM	1	24	16.78	16.75	16.78		
5	16QAM	12	0	16.77	16.71	16.74		
5	16QAM	12	7	16.72	16.80	16.72	18	0
5	16QAM	12	13	16.72	16.68	16.68		
5	16QAM	25	0	16.71	16.64	16.64		
5	64QAM	1	0	16.79	16.71	16.53		
5	64QAM	1	12	16.80	16.85	16.74	18	0
5	64QAM	1	24	16.40	16.42	16.32		
5	64QAM	12	0	16.66	16.71	16.74		
5	64QAM	12	7	16.70	16.65	16.72	18	0
5	64QAM	12	13	16.73	16.58	16.59		
5	64QAM	25	0	16.73	16.62	16.70		
5	256QAM	1	0	16.69	16.72	16.52		
5	256QAM	1	12	16.63	16.75	16.65	18	0
5	256QAM	1	24	16.37	16.34	16.46		
5	256QAM	12	0	16.70	16.64	16.57		
5	256QAM	12	7	16.78	16.71	16.62	18	0
5	256QAM	12	13	16.62	16.50	16.66		
5	256QAM	25	0	16.68	16.62	16.57		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.75	16.73	16.65		
3	QPSK	1	8	16.76	16.77	16.72	18	0
3	QPSK	1	14	16.47	16.48	16.48		
3	QPSK	8	0	16.74	16.73	16.69		
3	QPSK	8	4	16.80	16.77	16.76	18	0
3	QPSK	8	7	16.69	16.56	16.62		
3	QPSK	15	0	16.72	16.69	16.68		
3	16QAM	1	0	16.74	16.81	16.62		
3	16QAM	1	8	16.83	16.75	16.77	18	0
3	16QAM	1	14	16.78	16.69	16.73		
3	16QAM	8	0	16.75	16.73	16.73		
3	16QAM	8	4	16.70	16.69	16.72	18	0
3	16QAM	8	7	16.75	16.73	16.68		
3	16QAM	15	0	16.69	16.62	16.63		
3	64QAM	1	0	16.74	16.67	16.57		
3	64QAM	1	8	16.74	16.73	16.72	18	0
3	64QAM	1	14	16.45	16.41	16.32		
3	64QAM	8	0	16.65	16.68	16.76		
3	64QAM	8	4	16.68	16.62	16.62	18	0
3	64QAM	8	7	16.67	16.56	16.56		
3	64QAM	15	0	16.67	16.62	16.67		
3	256QAM	1	0	16.63	16.70	16.50		
3	256QAM	1	8	16.67	16.78	16.63	18	0
3	256QAM	1	14	16.41	16.48	16.43		
3	256QAM	8	0	16.74	16.65	16.61		
3	256QAM	8	4	16.70	16.68	16.67	18	0
3	256QAM	8	7	16.72	16.50	16.66		
3	256QAM	15	0	16.66	16.68	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.73	16.74	16.67		
1.4	QPSK	1	3	16.72	16.80	16.67		
1.4	QPSK	1	5	16.46	16.36	16.50	18	0
1.4	QPSK	3	0	16.74	16.72	16.73		
1.4	QPSK	3	1	16.78	16.79	16.71		
1.4	QPSK	3	3	16.68	16.55	16.67		
1.4	QPSK	6	0	16.71	16.62	16.72	18	0
1.4	16QAM	1	0	16.71	16.78	16.56		
1.4	16QAM	1	3	16.78	16.77	16.77		
1.4	16QAM	1	5	16.81	16.71	16.74	18	0
1.4	16QAM	3	0	16.68	16.67	16.77		
1.4	16QAM	3	1	16.71	16.69	16.73		
1.4	16QAM	3	3	16.76	16.71	16.69		
1.4	16QAM	6	0	16.64	16.68	16.69	18	0
1.4	64QAM	1	0	16.63	16.66	16.66		
1.4	64QAM	1	3	16.77	16.75	16.68		
1.4	64QAM	1	5	16.44	16.47	16.40	18	0
1.4	64QAM	3	0	16.66	16.72	16.73		
1.4	64QAM	3	1	16.68	16.68	16.68		
1.4	64QAM	3	3	16.71	16.56	16.64		
1.4	64QAM	6	0	16.73	16.65	16.66	18	0
1.4	256QAM	1	0	16.68	16.73	16.50		
1.4	256QAM	1	3	16.68	16.78	16.68		
1.4	256QAM	1	5	16.36	16.35	16.52	18	0
1.4	256QAM	3	0	16.73	16.64	16.61		
1.4	256QAM	3	1	16.75	16.72	16.62		
1.4	256QAM	3	3	16.65	16.52	16.67		
1.4	256QAM	6	0	16.62	16.68	16.61	18	0

Band 2 Main PA_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.17	23.15		
20	QPSK	1	49	23.15	23.23	23.17	24.2	0
20	QPSK	1	99	23.06	22.93	23.00		
20	QPSK	50	0	22.16	22.18	22.11		
20	QPSK	50	24	22.21	22.25	22.17	23.2	1
20	QPSK	50	50	22.06	21.98	22.04		
20	QPSK	100	0	22.00	22.10	22.05		
20	16QAM	1	0	22.34	22.26	22.20		
20	16QAM	1	49	22.49	22.29	22.33	23.2	1
20	16QAM	1	99	22.20	22.07	22.10		
20	16QAM	50	0	21.18	21.11	21.14		
20	16QAM	50	24	21.20	21.07	21.08	22.2	2
20	16QAM	50	50	21.23	20.99	21.03		
20	16QAM	100	0	21.20	20.99	21.07		
20	64QAM	1	0	21.30	21.26	21.18		
20	64QAM	1	49	21.37	21.29	21.34	22.2	2
20	64QAM	1	99	21.22	21.18	21.04		
20	64QAM	50	0	20.18	20.04	20.09		
20	64QAM	50	24	20.17	20.03	20.08	21.2	3
20	64QAM	50	50	20.21	19.96	20.01		
20	64QAM	100	0	20.15	20.00	20.08		
20	256QAM	1	0	18.88	18.88	18.88		
20	256QAM	1	49	18.86	18.98	18.95	19.2	5
20	256QAM	1	99	18.90	18.88	18.87		
20	256QAM	50	0	18.85	18.85	18.95		
20	256QAM	50	24	18.97	18.91	18.94	19.2	5
20	256QAM	50	50	18.92	18.90	18.90		
20	256QAM	100	0	18.93	18.92	18.91		
Channel				18675	19125		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.16	23.21	23.17		
15	QPSK	1	37	23.20	23.16	23.09	24.2	0
15	QPSK	1	74	22.98	22.84	23.03		
15	QPSK	36	0	22.19	22.24	22.16		
15	QPSK	36	20	22.20	22.22	22.10	23.2	1
15	QPSK	36	39	21.96	21.93	22.04		
15	QPSK	75	0	22.00	22.06	21.95		
15	16QAM	1	0	22.35	22.22	22.17		
15	16QAM	1	37	22.41	22.21	22.35	23.2	1
15	16QAM	1	74	22.25	21.97	22.02		
15	16QAM	36	0	21.10	21.01	21.12		
15	16QAM	36	20	21.12	21.12	21.02	22.2	2
15	16QAM	36	39	21.24	20.99	20.96		
15	16QAM	75	0	21.15	20.97	21.02		
15	64QAM	1	0	21.24	21.31	21.19		
15	64QAM	1	37	21.42	21.25	21.29	22.2	2
15	64QAM	1	74	21.25	21.21	21.08		
15	64QAM	36	0	20.19	19.99	20.00		
15	64QAM	36	20	20.14	20.04	20.12	21.2	3
15	64QAM	36	39	20.15	19.93	19.95		
15	64QAM	75	0	20.13	19.94	20.07		
15	256QAM	1	0	18.84	18.82	18.87		
15	256QAM	1	37	18.85	18.93	18.94	19.2	5
15	256QAM	1	74	18.89	18.86	18.90		
15	256QAM	36	0	18.76	18.88	18.93		
15	256QAM	36	20	18.98	18.92	18.91	19.2	5
15	256QAM	36	39	18.96	18.91	18.88		
15	256QAM	75	0	18.85	18.86	18.91		
Channel				18650	19000	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.06	23.11	23.11		
10	QPSK	1	25	23.17	23.19	23.16	24.2	0
10	QPSK	1	49	23.02	22.85	22.90		
10	QPSK	25	0	22.20	22.23	22.04		
10	QPSK	25	12	22.25	22.21	22.18	23.2	1
10	QPSK	25	25	21.98	22.02	22.09		
10	QPSK	50	0	21.99	22.02	22.05		
10	16QAM	1	0	22.32	22.29	22.25		
10	16QAM	1	25	22.31	22.20	22.27	23.2	1
10	16QAM	1	49	22.15	22.12	22.08		
10	16QAM	25	0	21.20	21.16	21.13		
10	16QAM	25	12	21.18	21.00	21.02	22.2	2
10	16QAM	25	25	21.14	20.92	21.06		
10	16QAM	50	0	21.18	21.00	21.12		
10	64QAM	1	0	21.27	21.19	21.17		
10	64QAM	1	25	21.26	21.20	21.38	22.2	2
10	64QAM	1	49	21.16	21.19	21.57		
10	64QAM	25	0	20.10	19.95	20.08		
10	64QAM	25	12	20.13	19.97	20.00	21.2	3
10	64QAM	25	25	19.96	19.97	19.97		
10	64QAM	50	0	20.07	19.94	20.12		
10	256QAM	1	0	18.90	18.89	18.90		
10	256QAM	1	25	18.76	18.91	18.94	19.2	5
10	256QAM	1	49	18.86	18.84	18.78		
10	256QAM	25	0	18.77	18.87	18.90		
10	256QAM	25	12	18.98	18.87	18.88	19.2	5
10	256QAM	25	25	18.89	18.80	18.84		
10	256QAM	50	0	18.87	18.86	18.85		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.03	23.16	23.08		
5	QPSK	1	12	23.19	23.16	23.20	24.2	0
5	QPSK	1	24	23.11	22.95	22.94		
5	QPSK	12	0	22.19	22.17	22.13		
5	QPSK	12	7	22.24	22.24	22.14	23.2	1
5	QPSK	12	13	21.97	21.95	22.00		
5	QPSK	25	0	22.02	22.12	22.04		
5	16QAM	1	0	22.29	22.17	22.25		
5	16QAM	1	12	22.35	22.21	22.37	23.2	1
5	16QAM	1	24	22.13	22.03	22.04		
5	16QAM	12	0	21.11	21.02	21.12		
5	16QAM	12	7	21.17	21.02	21.06	22.2	2
5	16QAM	12	13	21.21	21.00	21.05		
5	16QAM	25	0	21.13	21.01	21.10		
5	64QAM	1	0	21.23	21.26	21.22		
5	64QAM	1	12	21.36	21.23	21.39	22.2	2
5	64QAM	1	24	21.15	21.18	21.62		
5	64QAM	12	0	20.16	20.00	20.05		
5	64QAM	12	7	20.14	19.93	20.07	21.2	3
5	64QAM	12	13	20.17	19.90	19.91		
5	64QAM	25	0	20.16	20.02	20.03		
5	256QAM	1	0	18.88	18.78	18.79		
5	256QAM	1	12	18.86	18.94	18.88	19.2	5
5	256QAM	1	24	18.82	18.81	18.92		
5	256QAM	12	0	18.85	18.89	18.91		
5	256QAM	12	7	19.00	18.85	18.85	19.2	5
5	256QAM	12	13	18.85	18.87	18.93		
5	256QAM	25	0	18.68	18.87	18.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.15	23.14	23.19		
3	QPSK	1	8	23.11	23.17	23.17	24.2	0
3	QPSK	1	14	23.06	22.98	23.00		
3	QPSK	8	0	22.11	22.17	22.16		
3	QPSK	8	4	22.13	22.30	22.14	23.2	1
3	QPSK	8	7	22.00	21.97	22.01		
3	QPSK	15	0	22.02	22.09	22.04		
3	16QAM	1	0	22.27	22.20	22.17		
3	16QAM	1	8	22.39	22.29	22.29	23.2	1
3	16QAM	1	14	22.25	22.03	22.13		
3	16QAM	8	0	21.13	21.02	21.11		
3	16QAM	8	4	21.19	21.12	21.13	22.2	2
3	16QAM	8	7	21.26	20.91	21.05		
3	16QAM	15	0	21.22	20.97	20.99		
3	64QAM	1	0	21.23	21.23	21.23		
3	64QAM	1	8	21.32	21.32	21.32	22.2	2
3	64QAM	1	14	21.25	21.22	21.68		
3	64QAM	8	0	20.17	20.01	20.09		
3	64QAM	8	4	20.11	20.07	20.08	21.2	3
3	64QAM	8	7	20.11	19.99	20.05		
3	64QAM	15	0	20.18	20.00	20.05		
3	256QAM	1	0	18.89	18.84	18.82		
3	256QAM	1	8	18.77	19.01	19.00	19.2	5
3	256QAM	1	14	18.81	18.84	18.87		
3	256QAM	8	0	18.86	18.84	18.90		
3	256QAM	8	4	18.87	18.95	18.86	19.2	5
3	256QAM	8	7	18.82	18.94	18.95		
3	256QAM	15	0	18.92	18.84	18.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.12	23.13	23.11		
1.4	QPSK	1	3	23.16	23.17	23.11		
1.4	QPSK	1	5	23.01	22.88	22.97	24.2	0
1.4	QPSK	3	0	23.06	23.11	23.18		
1.4	QPSK	3	1	23.05	23.11	23.09		
1.4	QPSK	3	3	23.04	22.95	22.94		
1.4	QPSK	6	0	22.06	22.12	22.12	23.2	1
1.4	16QAM	1	0	22.17	22.34	22.13		
1.4	16QAM	1	3	22.10	22.22	22.09		
1.4	16QAM	1	5	22.07	22.28	22.08	23.2	1
1.4	16QAM	3	0	22.03	22.19	22.06		
1.4	16QAM	3	1	22.08	22.20	22.18		
1.4	16QAM	3	3	22.03	22.24	22.08		
1.4	16QAM	6	0	21.23	21.19	21.19	22.2	2
1.4	64QAM	1	0	21.27	21.21	21.18		
1.4	64QAM	1	3	21.25	21.27	21.11		
1.4	64QAM	1	5	21.24	21.22	21.17	22.2	2
1.4	64QAM	3	0	21.15	21.26	21.19		
1.4	64QAM	3	1	21.26	21.20	21.14		
1.4	64QAM	3	3	21.26	21.18	21.12		
1.4	64QAM	6	0	20.18	19.91	19.99	21.2	3
1.4	256QAM	1	0	18.85	18.78	18.84		
1.4	256QAM	1	3	18.67	19.05	18.94		
1.4	256QAM	1	5	18.84	18.91	18.84	19.2	5
1.4	256QAM	3	0	18.91	18.80	18.90		
1.4	256QAM	3	1	18.78	18.85	18.80		
1.4	256QAM	3	3	18.87	18.94	18.87		
1.4	256QAM	6	0	18.96	18.80	18.89	19.2	5

Band 4 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.94	21.00	20.91		
20	QPSK	1	49	21.02	21.06	20.97	21.5	0
20	QPSK	1	99	20.78	20.76	20.81		
20	QPSK	50	0	19.88	19.96	19.92		
20	QPSK	50	24	19.98	20.02	19.97	20.5	1
20	QPSK	50	50	19.95	19.85	19.90		
20	QPSK	100	0	19.85	19.91	19.90		
20	16QAM	1	0	20.10	20.13	20.08		
20	16QAM	1	49	20.23	20.15	20.20	20.5	1
20	16QAM	1	99	19.96	19.97	20.01		
20	16QAM	50	0	18.76	18.95	18.97		
20	16QAM	50	24	18.93	18.89	18.96	19.5

Band 4 Main PA_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	23.77	23.72	23.75		
20	QPSK	1	49	23.80	23.82	23.80	24.2	0
20	QPSK	1	99	23.63	23.61	23.69		
20	QPSK	50	0	22.76	22.90	22.67		
20	QPSK	50	24	22.77	22.77	22.77	23.2	1
20	QPSK	50	50	22.72	22.80	22.71		
20	QPSK	100	0	22.67	22.83	22.75		
20	16QAM	1	0	22.93	23.00	22.94		
20	16QAM	1	49	23.06	23.02	23.04	23.2	1
20	16QAM	1	99	22.81	22.84	22.84		
20	16QAM	50	0	21.64	21.87	21.74		
20	16QAM	50	24	21.81	21.79	21.82	22.2	2
20	16QAM	50	50	21.69	21.70	21.83		
20	16QAM	100	0	21.68	21.80	21.76		
20	64QAM	1	0	21.80	21.94	21.94		
20	64QAM	1	49	21.92	22.03	22.01	22.2	2
20	64QAM	1	99	21.86	21.86	21.86		
20	64QAM	50	0	20.61	20.83	20.70		
20	64QAM	50	24	20.78	20.74	20.78	21.2	3
20	64QAM	50	50	20.66	20.72	20.78		
20	64QAM	100	0	20.63	20.77	20.74		
20	256QAM	1	0	18.83	18.83	18.90		
20	256QAM	1	49	18.89	19.00	18.98	19.2	5
20	256QAM	1	99	18.98	18.93	18.88		
20	256QAM	50	0	21.86	18.85	18.96		
20	256QAM	50	24	19.07	18.90	18.95	19.2	5
20	256QAM	50	50	18.99	18.86	18.90		
20	256QAM	100	0	18.99	18.96	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.78	23.71	23.65		
15	QPSK	1	37	23.81	23.74	23.67	24.2	0
15	QPSK	1	74	23.56	23.64	23.67		
15	QPSK	36	0	22.79	22.95	22.70		
15	QPSK	36	20	22.86	22.84	22.76	23.2	1
15	QPSK	36	39	22.66	22.77	22.66		
15	QPSK	75	0	22.62	22.75	22.79		
15	16QAM	1	0	22.82	23.00	22.87		
15	16QAM	1	37	23.09	23.02	23.00	23.2	1
15	16QAM	1	74	22.81	22.82	22.74		
15	16QAM	36	0	21.55	21.86	21.72		
15	16QAM	36	20	21.75	21.69	21.84	22.2	2
15	16QAM	36	39	21.69	21.76	21.78		
15	16QAM	75	0	21.73	21.81	21.70		
15	64QAM	1	0	21.81	21.94	21.86		
15	64QAM	1	37	21.89	22.04	21.97	22.2	2
15	64QAM	1	74	21.86	21.78	21.78		
15	64QAM	36	0	20.65	20.81	20.62		
15	64QAM	36	20	20.73	20.73	20.80	21.2	3
15	64QAM	36	39	20.56	20.62	20.70		
15	64QAM	75	0	20.68	20.67	20.65		
15	256QAM	1	0	18.83	18.83	18.81		
15	256QAM	1	37	18.90	19.01	18.98	19.2	5
15	256QAM	1	74	18.91	18.95	18.80		
15	256QAM	36	0	18.78	18.80	18.91		
15	256QAM	36	20	18.99	18.85	18.92	19.2	5
15	256QAM	36	39	19.02	18.76	18.80		
15	256QAM	75	0	18.95	18.88	18.95		
Channel				20175	20250	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.76	23.76	23.77		
10	QPSK	1	25	23.81	23.72	23.70	24.2	0
10	QPSK	1	49	23.58	23.57	23.72		
10	QPSK	25	0	22.78	22.85	22.65		
10	QPSK	25	12	22.85	22.90	22.76	23.2	1
10	QPSK	25	25	22.63	22.78	22.69		
10	QPSK	50	0	22.70	22.74	22.74		
10	16QAM	1	0	22.92	22.91	22.95		
10	16QAM	1	25	23.04	22.98	23.09	23.2	1
10	16QAM	1	49	22.86	22.82	22.75		
10	16QAM	25	0	21.59	21.80	21.68		
10	16QAM	25	12	21.80	21.83	21.80	22.2	2
10	16QAM	25	25	21.60	21.73	21.85		
10	16QAM	50	0	21.60	21.83	21.66		
10	64QAM	1	0	21.79	21.85	21.91		
10	64QAM	1	25	21.82	22.01	21.96	22.2	2
10	64QAM	1	49	21.58	21.77	21.81		
10	64QAM	25	0	20.59	20.75	20.67		
10	64QAM	25	12	20.68	20.65	20.79	21.2	3
10	64QAM	25	25	20.66	20.67	20.79		
10	64QAM	50	0	20.54	20.73	20.75		
10	256QAM	1	0	18.73	18.85	18.80		
10	256QAM	1	25	18.94	18.95	18.96	19.2	5
10	256QAM	1	49	18.91	18.83	18.82		
10	256QAM	25	0	18.78	18.88	18.88		
10	256QAM	25	12	19.12	18.93	18.98	19.2	5
10	256QAM	25	25	18.93	18.84	18.85		
10	256QAM	50	0	19.01	18.89	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.70	23.69	23.74		
5	QPSK	1	12	23.79	23.80	23.72	24.2	0
5	QPSK	1	24	23.67	23.63	23.74		
5	QPSK	12	0	22.82	22.87	22.71		
5	QPSK	12	7	22.81	22.95	22.81	23.2	1
5	QPSK	12	13	22.65	22.76	22.64		
5	QPSK	25	0	22.63	22.85	22.73		
5	16QAM	1	0	22.80	23.00	22.93		
5	16QAM	1	12	23.04	23.01	23.03	23.2	1
5	16QAM	1	24	22.71	22.81	22.79		
5	16QAM	12	0	21.59	21.86	21.77		
5	16QAM	12	7	21.73	21.74	21.75	22.2	2
5	16QAM	12	13	21.66	21.75	21.85		
5	16QAM	25	0	21.66	21.70	21.66		
5	64QAM	1	0	21.72	21.99	21.84		
5	64QAM	1	12	21.90	21.96	21.99	22.2	2
5	64QAM	1	24	21.57	21.79	21.87		
5	64QAM	12	0	20.62	20.86	20.63		
5	64QAM	12	7	20.73	20.77	20.72	21.2	3
5	64QAM	12	13	20.62	20.76	20.75		
5	64QAM	25	0	20.67	20.73	20.69		
5	256QAM	1	0	18.77	18.85	18.91		
5	256QAM	1	12	18.94	18.90	18.91	19.2	5
5	256QAM	1	24	18.88	18.85	18.90		
5	256QAM	12	0	18.87	18.87	18.87		
5	256QAM	12	7	19.08	18.87	18.93	19.2	5
5	256QAM	12	13	18.95	18.82	18.87		
5	256QAM	25	0	18.97	18.83	18.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.79	23.63	23.65		
3	QPSK	1	8	23.72	23.80	23.79	24.2	0
3	QPSK	1	14	23.53	23.56	23.74		
3	QPSK	8	0	22.72	22.82	22.64		
3	QPSK	8	4	22.87	22.92	22.68	23.2	1
3	QPSK	8	7	22.63	22.71	22.76		
3	QPSK	15	0	22.72	22.81	22.71		
3	16QAM	1	0	22.98	22.99	22.97		
3	16QAM	1	8	23.01	22.95	23.00	23.2	1
3	16QAM	1	14	22.77	22.75	22.88		
3	16QAM	8	0	21.57	21.80	21.65		
3	16QAM	8	4	21.82	21.76	21.76	22.2	2
3	16QAM	8	7	21.60	21.72	21.87		
3	16QAM	15	0	21.62	21.80	21.78		
3	64QAM	1	0	21.77	21.95	21.86		
3	64QAM	1	8	21.95	21.98	21.94	22.2	2
3	64QAM	1	14	21.59	21.81	21.79		
3	64QAM	8	0	20.54	20.87	20.63		
3	64QAM	8	4	20.83	20.68	20.79	21.2	3
3	64QAM	8	7	20.58	20.67	20.76		
3	64QAM	15	0	20.56	20.71	20.72		
3	256QAM	1	0	18.78	18.84	18.81		
3	256QAM	1	8	18.87	18.91	18.95	19.2	5
3	256QAM	1	14	18.95	18.87	18.93		
3	256QAM	8	0	18.79	18.86	18.91		
3	256QAM	8	4	19.12	18.94	18.89	19.2	5
3	256QAM	8	7	19.02	18.91	18.92		
3	256QAM	15	0	19.01	18.87	18.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.77	23.69	23.66		
1.4	QPSK	1	3	23.77	23.76	23.70		
1.4	QPSK	1	5	23.59	23.52	23.61	24.2	0
1.4	QPSK	3	0	23.79	23.70	23.65		
1.4	QPSK	3	1	23.74	23.70	23.77		
1.4	QPSK	3	3	23.69	23.62	23.73		
1.4	QPSK	6	0	22.71	22.80	22.71	23.2	1
1.4	16QAM	1	0	22.72	22.94	22.62		
1.4	16QAM	1	3	22.79	22.91	22.59		
1.4	16QAM	1	5	22.81	22.84	22.59	23.2	1
1.4	16QAM	3	0	22.80	22.85	22.69		
1.4	16QAM	3	1	22.70	22.89	22.62		
1.4	16QAM	3	3	22.67	22.86	22.64		
1.4	16QAM	6	0	21.60	21.80	21.77	22.2	2
1.4	64QAM	1	0	21.59	21.78	21.77		
1.4	64QAM	1	3	21.63	21.80	21.70		
1.4	64QAM	1	5	21.69	21.82	21.68	22.2	2
1.4	64QAM	3	0	21.56	21.91	21.65		
1.4	64QAM	3	1	21.58	21.78	21.72		
1.4	64QAM	3	3	21.54	21.87	21.76		
1.4	64QAM	6	0	20.55	20.74	20.63	21.2	3
1.4	256QAM	1	0	18.88	18.82	18.92		
1.4	256QAM	1	3	18.90	18.93	18.97		
1.4	256QAM	1	5	18.96	18.95	18.89	19.2	5
1.4	256QAM	3	0	18.84	18.80	18.95		
1.4	256QAM	3	1	19.04	18.94	18.92		
1.4	256QAM	3	3	19.00	18.79	18.95		
1.4	256QAM	6	0	18.99	18.92	18.81	19.2	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.34	22.32	22.28		
20	QPSK	1	49	22.43	22.46	22.41	23.7	0
20	QPSK	1	99	22.24	22.22	22.22		
20	QPSK	50	0	21.97	21.97	21.98		
20	QPSK	50	24	22.01	22.11	22.05	23.2	0.5
20	QPSK	50	50	22.00	21.83	22.04		
20	QPSK	100	0	21.89	22.03	22.01		
20	16QAM	1	0	21.76	21.77	21.69		
20	16QAM	1	49	21.93	21.79	21.89	23.2	0.5
20	16QAM	1	99	21.65	21.75	21.69		
20	16QAM	50	0	20.83	21.03	21.00		
20	16QAM	50	24	21.03	20.94	21.02	22.2	1.5
20	16QAM	50	50	19.91	20.89	21.02		
20	16QAM	100	0	20.85	20.84	20.96		
20	64QAM	1	0	21.23	21.17	21.16		
20	64QAM	1	49	21.23	21.24	21.26	22.2	1.5
20	64QAM	1	99	21.08	21.06	21.09		
20	64QAM	50	0	19.79	19.92	20.02		
20	64QAM	50	24	19.98	19.98	19.97	21.2	2.5
20	64QAM	50	50	19.96	19.82	19.99		
20	64QAM	100	0	19.88	19.89	20.00		
20	256QAM	1	0	17.79	17.81	17.75		
20	256QAM	1	49	17.83	17.92	17.79	19.2	4.5
20	256QAM	1	99	17.69	17.68	17.61		
20	256QAM	50	0	17.89	17.98	17.89		
20	256QAM	50	24	17.97	18.07	18.06	19.2	4.5
20	256QAM	50	50	17.91	17.78	17.95		
20	256QAM	100	0	17.85	17.97	17.97		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.31	22.24	22.23		
15	QPSK	1	37	22.39	22.44	22.42	23.7	0
15	QPSK	1	74	22.18	22.15	22.17		
15	QPSK	36	0	21.87	21.90	21.90		
15	QPSK	36	20	21.93	22.05	22.03	23.2	0.5
15	QPSK	36	39	21.94	21.76	22.01		
15	QPSK	75	0	21.85	21.96	21.91		
15	16QAM	1	0	21.75	21.67	21.63		
15	16QAM	1	37	21.94	21.73	21.84	23.2	0.5
15	16QAM	1	74	21.56	21.70	21.69		
15	16QAM	36	0	20.78	20.96	20.94		
15	16QAM	36	20	21.03	20.87	20.98	22.2	1.5
15	16QAM	36	39	20.85	20.81	20.94		
15	16QAM	75	0	20.78	20.76	20.85		
15	64QAM	1	0	21.23	21.13	21.11		
15	64QAM	1	37	21.23	21.17	21.16	22.2	1.5
15	64QAM	1	74	21.07	20.99	21.08		
15	64QAM	36	0	19.77	19.86	19.96		
15	64QAM	36	20	19.91	19.99	19.89	21.2	2.5
15	64QAM	36	39	19.90	19.78	19.95		
15	64QAM	75	0	19.84	19.83	20.01		
15	256QAM	1	0	17.75	17.74	17.73		
15	256QAM	1	37	17.73	17.91	17.76	19.2	4.5
15	256QAM	1	74	17.65	17.58	17.50		
15	256QAM	36	0	17.88	17.97	17.83		
15	256QAM	36	20	17.96	18.02	18.03	19.2	4.5
15	256QAM	36	39	17.87	17.74	17.87		
15	256QAM	75	0	17.80	17.88	17.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.30	22.24	22.21		
10	QPSK	1	25	22.34	22.38	22.36	23.7	0
10	QPSK	1	49	22.18	22.20	22.22		
10	QPSK	25	0	21.88	21.93	21.89		
10	QPSK	25	12	21.90	22.11	22.01	23.2	0.5
10	QPSK	25	25	21.93	21.75	21.99		
10	QPSK	50	0	21.84	22.02	21.90		
10	16QAM	1	0	21.68	21.68	21.63		
10	16QAM	1	25	21.89	21.69	21.85	23.2	0.5
10	16QAM	1	49	21.59	21.73	21.62		
10	16QAM	25	0	20.78	21.00	20.97		
10	16QAM	25	12	20.90	20.92	20.92	22.2	1.5
10	16QAM	25	25	20.89	20.77	20.92		
10	16QAM	50	0	20.78	20.81	20.91		
10	64QAM	1	0	21.15	21.11	21.10		
10	64QAM	1	25	21.23	21.22	21.21	22.2	1.5
10	64QAM	1	49	21.05	20.97	21.04		
10	64QAM	25	0	19.74	19.87	19.96		
10	64QAM	25	12	19.97	19.93	19.95	21.2	2.5
10	64QAM	25	25	19.91	19.82	19.95		
10	64QAM	50	0	19.82	19.83	19.97		
10	256QAM	1	0	17.71	17.77	17.66		
10	256QAM	1	25	17.80	17.86	17.72	19.2	4.5
10	256QAM	1	49	17.63	17.58	17.55		
10	256QAM	25	0	17.89	17.88	17.80		
10	256QAM	25	12	17.94	18.07	18.00	19.2	4.5
10	256QAM	25	25	17.86	17.73	17.88		
10	256QAM	50	0	17.84	17.92	17.95		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.30	22.27	22.24		
5	QPSK	1	12	22.35	22.43	22.33	23.7	0
5	QPSK	1	24	22.19	22.17	22.18		
5	QPSK	12	0	21.94	21.89	21.95		
5	QPSK	12	7	22.01	22.00	21.97	23.2	0.5
5	QPSK	12	13	21.96	21.83	21.98		
5	QPSK	25	0	21.75	22.01	21.94		
5	16QAM	1	0	21.76	21.76	21.68		
5	16QAM	1	12	21.89	21.70	21.84	23.2	0.5
5	16QAM	1	24	21.62	21.72	21.61		
5	16QAM	12	0	20.73	20.96	21.00		
5	16QAM	12	7	20.81	20.89	20.98	22.2	1.5
5	16QAM	12	13	20.85	20.79	20.99		
5	16QAM	25	0	20.79	20.74	20.91		
5	64QAM	1	0	21.24	21.13	21.14		
5	64QAM	1	12	21.28	21.22	21.26	22.2	1.5
5	64QAM	1	24	21.03	21.05	21.05		
5	64QAM	12	0	19.69	19.85	19.94		
5	64QAM	12	7	19.93	19.90	19.93	21.2	2.5
5	64QAM	12	13	19.91	19.77	19.93		
5	64QAM	25	0	19.82	19.80	19.95		
5	256QAM	1	0	17.69	17.80	17.67		
5	256QAM	1	12	17.74	17.89	17.77	19.2	4.5
5	256QAM	1	24	17.59	17.65	17.55		
5	256QAM	12	0	17.86	17.86	17.83		
5	256QAM	12	7	17.88	18.06	17.97	19.2	4.5
5	256QAM	12	13	17.88	17.76	17.86		
5	256QAM	25	0	17.80	17.80	17.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.30	22.28	22.26		
3	QPSK	1	8	22.41	22.42	22.41	23.7	0
3	QPSK	1	14	22.16	22.14	22.15		
3	QPSK	8	0	21.92	21.92	21.89		
3	QPSK	8	4	22.01	22.01	21.95	23.2	0.5
3	QPSK	8	7	21.95	21.77	22.01		
3	QPSK	15	0	21.88	22.00	21.93		
3	16QAM	1	0	21.72	21.72	21.64		
3	16QAM	1	8	21.87	21.72	21.79	23.2	0.5
3	16QAM	1	14	21.63	21.69	21.69		
3	16QAM	8	0	20.79	20.93	20.94		
3	16QAM	8	4	21.02	20.90	20.99	22.2	1.5
3	16QAM	8	7	20.85	20.80	20.99		
3	16QAM	15	0	20.82	20.76	20.92		
3	64QAM	1	0	21.14	21.11	21.06		
3	64QAM	1	8	21.13	21.18	21.23	22.2	1.5
3	64QAM	1	14	21.04	21.05	21.02		
3	64QAM	8	0	19.78	19.85	19.92		
3	64QAM	8	4	19.99	19.93	19.95	21.2	2.5
3	64QAM	8	7	19.85	19.74	19.90		
3	64QAM	15	0	19.81	19.83	19.91		
3	256QAM	1	0	17.70	17.70	17.73		
3	256QAM	1	8	17.78	17.83	17.78	19.2	4.5
3	256QAM	1	14	17.68	17.64	17.56		
3	256QAM	8	0	17.87	17.97	17.89		
3	256QAM	8	4	17.95	18.01	17.98	19.2	4.5
3	256QAM	8	7	17.87	17.72	17.91		
3	256QAM	15	0	17.85	17.88	17.95		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.29	22.25	22.18		
1.4	QPSK	1	3	22.43	22.42	22.36		
1.4	QPSK	1	5	22.18	22.16	22.14	23.7	0
1.4	QPSK	3	0	22.32	22.29	22.27		
1.4	QPSK	3	1	22.36	22.40	22.37		
1.4	QPSK	3	3	22.16	22.23	22.16		
1.4	QPSK	6	0	21.96	21.94	21.92	23.2	0.5
1.4	16QAM	1	0	21.95	22.10	21.94		
1.4	16QAM	1	3	21.95	21.83	21.97		
1.4	16QAM	1	5	21.85	21.94	21.95	23.2	0.5
1.4	16QAM	3	0	21.71	21.72	21.66		
1.4	16QAM	3	1	21.89	21.68	21.85		
1.4	16QAM	3	3	21.61	21.67	21.69		
1.4	16QAM	6	0	20.78	20.91	20.99	22.2	1.5
1.4	64QAM	1	0	20.96	20.95	21.00		
1.4	64QAM	1	3	20.90	20.78	20.94		
1.4	64QAM	1	5	20.78	20.83	20.92	22.2	1.5
1.4	64QAM	3	0	21.19	21.16	21.16		
1.4	64QAM	3	1	21.14	21.18	21.17		
1.4	64QAM	3	3	20.98	20.95	20.99		
1.4	64QAM	6	0	19.76	19.85	19.98	21.2	2.5
1.4	256QAM	1	0	17.78	17.81	17.65		
1.4	256QAM	1	3	17.82	17.82	17.74		
1.4	256QAM	1	5	17.66	17.63	17.58	19.2	4.5
1.4	256QAM	3	0	17.85	17.91	17.87		
1.4	256QAM	3	1	17.91	18.05	18.00		
1.4	256QAM	3	3	17.82	17.77	17.84		
1.4	256QAM	6	0	17.78	17.88	17.94	19.2	4.5

Band 5 Main PA_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	24.54	24.49	24.45		
10	QPSK	1	25	24.59	24.61	24.50	25.5	0
10	QPSK	1	49	24.52	24.44	24.41		
10	QPSK	25	0	23.52	23.61	23.46		
10	QPSK	25	12	23.58	23.63	23.47	24.5	1
10	QPSK	25	25	23.58	23.44	23.37		
10	QPSK	50	0	23.49	23.57	23.41		

Band 7 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33		
20	QPSK	1	49	20.65	20.77	20.58	21.5	0
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.99	19.67	19.60		
20	QPSK	50	24	19.87	19.69	19.55	20.5	1
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48		
20	16QAM	1	49	19.92	19.83	19.70	20.5	1
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57		
20	16QAM	50	24	18.64	18.61	18.55	19.5	2
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48		
20	64QAM	1	49	18.88	18.81	18.69	19.5	2
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.53	17.63	17.56		
20	64QAM	50	24	17.66	17.61	17.50	18.5	3
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37		
20	256QAM	1	49	15.40	15.27	15.31	16.5	5
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26		
20	256QAM	50	24	15.28	15.25	15.27	16.5	5
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27		
15	QPSK	1	37	20.68	20.68	20.58	21.5	0
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62		
15	QPSK	36	20	19.71	19.63	19.57	20.5	1
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53		
15	16QAM	1	37	19.90	19.77	19.74	20.5	1
15	16QAM	1	74	19.63	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53		
15	16QAM	36	20	18.57	18.60	18.47	19.5	2
15	16QAM	36	39	18.65	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48		
15	64QAM	1	37	18.86	18.73	18.68	19.5	2
15	64QAM	1	74	18.85	18.64	18.49		
15	64QAM	36	0	17.56	17.61	17.61		
15	64QAM	36	20	17.70	17.54	17.48	18.5	3
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36		
15	256QAM	1	37	15.30	15.26	15.34	16.5	5
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17		
15	256QAM	36	20	15.28	15.18	15.25	16.5	5
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20850	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38		
10	QPSK	1	25	20.68	20.74	20.51	21.5	0
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58		
10	QPSK	25	12	19.57	19.70	19.61	20.5	1
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43		
10	16QAM	1	25	19.83	19.74	19.60	20.5	1
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48		
10	16QAM	25	12	18.62	18.61	18.55	19.5	2
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53		
10	64QAM	1	0	18.63	18.52	18.50		
10	64QAM	1	25	18.78	18.83	18.72	19.5	2
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46		
10	64QAM	25	12	17.66	17.54	17.53	18.5	3
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29		
10	256QAM	1	25	15.44	15.17	15.34	16.5	5
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28		
10	256QAM	25	12	15.33	15.17	15.32	16.5	5
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.31	15.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34		
5	QPSK	1	12	20.56	20.71	20.61	21.5	0
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52		
5	QPSK	12	7	19.61	19.65	19.56	20.5	1
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48		
5	16QAM	1	12	19.90	19.78	19.75	20.5	1
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62		
5	16QAM	12	7	18.67	18.62	18.54	19.5	2
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46		
5	64QAM	1	12	18.88	18.73	18.68	19.5	2
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49		
5	64QAM	12	7	17.63	17.53	17.45	18.5	3
5	64QAM	12	13	17.56	17.50	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27		
5	256QAM	1	12	15.32	15.31	15.28	16.5	5
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18		
5	256QAM	12	7	15.29	15.27	15.25	16.5	5
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.14	16.13	16.16		
20	QPSK	1	49	16.40	16.42	16.37	17	0
20	QPSK	1	99	16.15	16.19	16.35		
20	QPSK	50	0	16.30	16.29	16.21		
20	QPSK	50	24	16.36	16.37	16.34	17	0
20	QPSK	50	50	16.32	16.27	16.33		
20	QPSK	100	0	16.28	16.37	16.27		
20	16QAM	1	0	16.22	16.23	16.27		
20	16QAM	1	49	16.27	16.31	16.32	17	0
20	16QAM	1	99	16.29	16.39	16.21		
20	16QAM	50	0	16.09	16.25	16.28		
20	16QAM	50	24	16.22	16.21	16.23		
20	16QAM	50	50	16.22	16.21	16.22	17	0
20	16QAM	100	0	16.12	16.22	16.23		
20	64QAM	1	0	16.06	16.13	16.16		
20	64QAM	1	49	16.21	16.17	16.17	17	0
20	64QAM	1	99	16.18	16.24	16.30		
20	64QAM	50	0	16.12	16.16	16.29		
20	64QAM	50	24	16.17	16.20	16.28	17	0
20	64QAM	50	50	16.20	16.22	16.23		
20	64QAM	100	0	16.12	16.24	16.21		
20	256QAM	1	0	16.08	16.09	16.07		
20	256QAM	1	49	16.36	16.36	16.27	17	0
20	256QAM	1	99	16.11	16.12	16.30		
20	256QAM	50	0	16.22	16.23	16.12		
20	256QAM	50	24	16.35	16.32	16.28	17	0
20	256QAM	50	50	16.22	16.20	16.23		
20	256QAM	100	0	16.23	16.37	16.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.08	16.05	16.07		
15	QPSK	1	37	16.32	16.36	16.34	17	0
15	QPSK	1	74	16.13	16.11	16.35		
15	QPSK	36	0	16.24	16.23	16.16		
15	QPSK	36	20	16.28	16.38	16.26	17	0
15	QPSK	36	39	16.27	16.23	16.30		
15	QPSK	75	0	16.23	16.38	16.21		
15	16QAM	1	0	16.16	16.22	16.21		
15	16QAM	1	37	16.22	16.26	16.30	17	0
15	16QAM	1	74	16.29	16.38	16.19		
15	16QAM	36	0	16.00	16.19	16.22		
15	16QAM	36	20	16.22	16.18	16.17	17	0
15	16QAM	36	39	16.17	16.13	16.18		
15	16QAM	75	0	16.05	16.15	16.24		
15	64QAM	1	0	16.02	16.05	16.09		
15	64QAM	1	37	16.17	16.11	16.11	17	0
15	64QAM	1	74	16.13	16.22	16.27		
15	64QAM	36	0	16.05	16.05	16.22		
15	64QAM	36	20	16.12	16.09	16.20	17	0
15	64QAM	36	39	16.18	16.18	16.15		
15	64QAM	75	0	16.07	16.16	16.21		
15	256QAM	1	0	16.05	16.07	16.04		
15	256QAM	1	37	16.30	16.35	16.21	17	0
15	256QAM	1	74	16.08	16.09	16.23		
15	256QAM	36	0	16.16	16.20	16.08		
15	256QAM	36	20	16.32	16.26	16.22	17	0
15	256QAM	36	39	16.18	16.11	16.12		
15	256QAM	75	0	16.22	16.35	16.26		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.12	16.03	16.11		
10	QPSK	1	25	16.37	16.36	16.29	17	0
10	QPSK	1	49	16.12	16.17	16.33		
10	QPSK	25	0	16.25	16.21	16.21		
10	QPSK	25	12	16.27	16.28	16.26	17	0
10	QPSK	25	25	16.29	16.20	16.31		
10	QPSK	50	0	16.22	16.34	16.21		
10	16QAM	1	0	16.17	16.19	16.23		
10	16QAM	1	25	16.16	16.26	16.31	17	0
10	16QAM	1	49	16.23	16.37	16.15		
10	16QAM	25	0	16.06	16.18	16.29		
10	16QAM	25	12	16.16	16.26	16.17	17	0
10	16QAM	25	25	16.16	16.17	16.20		
10	16QAM	50	0	16.07	16.16	16.18		
10	64QAM	1	0	15.99	16.04	16.07		
10	64QAM	1	25	16.14	16.12	16.05	17	0
10	64QAM	1	49	16.19	16.15	16.30		
10	64QAM	25	0	16.04	16.07	16.23		
10	64QAM	25	12	16.12	16.14	16.20	17	0
10	64QAM	25	25	16.18	16.18	16.15		
10	64QAM	50	0	16.00	16.17	16.10		
10	256QAM	1	0	16.00	15.98	16.02		
10	256QAM	1	25	16.31	16.31	16.24	17	0
10	256QAM	1	49	16.05	16.07	16.27		
10	256QAM	25	0	16.14	16.14	16.04		
10	256QAM	25	12	16.28	16.25	16.20	17	0
10	256QAM	25	25	16.12	16.14	16.15		
10	256QAM	50	0	16.17	16.31	16.26		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.11	16.05	16.09		
5	QPSK	1	12	16.37	16.37	16.31	17	0
5	QPSK	1	24	16.10	16.12	16.30		
5	QPSK	12	0	16.27	16.19	16.17		
5	QPSK	12	7	16.33	16.26	16.31	17	0
5	QPSK	12	13	16.28	16.23	16.31		
5	QPSK	25	0	16.23	16.32	16.23		
5	16QAM	1	0	16.23	16.19	16.17		
5	16QAM	1	12	16.21	16.32	16.30	17	0
5	16QAM	1	24	16.25	16.35	16.18		
5	16QAM	12	0	16.02	16.26	16.20		
5	16QAM	12	7	16.17	16.20	16.14	17	0
5	16QAM	12	13	16.13	16.18	16.18		
5	16QAM	25	0	16.08	16.15	16.19		
5	64QAM	1	0	16.02	16.05	16.06		
5	64QAM	1	12	16.14	16.12	16.09	17	0
5	64QAM	1	24	16.07	16.20	16.29		
5	64QAM	12	0	16.11	16.11	16.24		
5	64QAM	12	7	16.17	16.15	16.19	17	0
5	64QAM	12	13	16.12	16.14	16.14		
5	64QAM	25	0	16.07	16.18	16.20		
5	256QAM	1	0	15.97	16.07	15.98		
5	256QAM	1	12	16.24	16.30	16.23	17	0
5	256QAM	1	24	16.09	16.07	16.24		
5	256QAM	12	0	16.17	16.12	16.07		
5	256QAM	12	7	16.27	16.33	16.25	17	0
5	256QAM	12	13	16.16	16.13	16.17		
5	256QAM	25	0	16.13	16.28	16.22		

Band 7 Main PA_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	23.37	23.31	23.32		
20	QPSK	1	49	23.52	23.58	23.57	24	0
20	QPSK	1	99	23.35	23.41	23.52		
20	QPSK	50	0	22.45	22.56	22.51		
20	QPSK	50	24	22.52	22.59	22.56	23	1
20	QPSK	50	50	22.51	22.49	22.50		
20	QPSK	100	0	22.48	22.57	22.50		
20	16QAM	1	0	22.51	22.51	22.48		
20	16QAM	1	49	22.76	22.72	22.72	23	1
20	16QAM	1	99	22.53	22.61	22.60		
20	16QAM	50	0	21.42	21.54	21.55		
20	16QAM	50	24	21.52	21.55	21.51	22	2
20	16QAM	50	50	21.50	21.48	21.52		
20	16QAM	100	0	21.43	21.52	21.51		
20	64QAM	1	0	21.51	21.47	21.48		
20	64QAM	1	49	21.63	21.71	21.63	22	2
20	64QAM	1	99	21.50	21.59	21.64		
20	64QAM	50	0	20.38	20.52	20.54		
20	64QAM	50	24	20.48	20.44	20.49	21	3
20	64QAM	50	50	20.49	20.46	20.47		
20	64QAM	100	0	20.42	20.52	20.49		
20	256QAM	1	0	18.32	18.36	18.38		
20	256QAM	1	49	18.23	18.25	18.21	19	5
20	256QAM	1	99	18.17	18.21	18.24		
20	256QAM	50	0	18.36	18.33	18.30		
20	256QAM	50	24	18.35	18.32	18.27	19	5
20	256QAM	50	50	18.27	18.24	18.20		
20	256QAM	100	0	18.28	18.33	18.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.36	23.33	23.22		
15	QPSK	1	37	23.51	23.52	23.45	24	0
15	QPSK	1	74	23.26	23.37	23.47		
15	QPSK	36	0	22.50	22.57	22.50		
15	QPSK	36	20	22.42	22.51	22.47	23	1
15	QPSK	36	39	22.46	22.49	22.43		
15	QPSK	75	0	22.49	22.48	22.52		
15	16QAM	1	0	22.42	22.45	22.53		
15	16QAM	1	37	22.77	22.76	22.67	23	1
15	16QAM	1	74	22.56	22.53	22.54		
15	16QAM	36	0	21.42	21.52	21.46		
15	16QAM	36	20	21.48	21.59	21.50	22	2
15	16QAM	36	39	21.40	21.44	21.46		
15	16QAM	75	0	21.34	21.51	21.56		
15	64QAM	1	0	21.51	21.46	21.41		
15	64QAM	1	37	21.64	21.68	21.56	22	2
15	64QAM	1	74	21.41	21.52	21.64		
15	64QAM	36	0	20.41	20.43	20.44		
15	64QAM	36	20	20.46	20.36	20.52	21	3
15	64QAM	36	39	20.49	20.50	20.52		
15	64QAM	75	0	20.37	20.46	20.51		
15	256QAM	1	0	18.25	18.39	18.34		
15	256QAM	1	37	18.25	18.15	18.17	19	5
15	256QAM	1	74	18.16	18.12	18.24		
15	256QAM	36	0	18.40	18.37	18.24		
15	256QAM	36	20	18.30	18.26	18.25	19	5
15	256QAM	36	39	18.26	18.20	18.14		
15	256QAM	75	0	18.25	18.29	18.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.34	23.29	23.30		
10	QPSK	1	25	23.48	23.54	23.57	24	0
10	QPSK	1	49	23.40	23.43	23.57		
10	QPSK	25	0	22.50	22.61	22.48		
10	QPSK	25	12	22.54	22.63	22.48	23	1
10	QPSK	25	25	22.49	22.42	22.54		
10	QPSK	50	0	22.41	22.50	22.47		
10	16QAM	1	0	22.44	22.56	22.41		
10	16QAM	1	25	22.76	22.71	22.77	23	1
10	16QAM	1	49	22.52	22.56	22.51		
10	16QAM	25	0	21.34	21.50	21.53		
10	16QAM	25	12	21.49	21.57	21.56	22	2
10	16QAM	25	25	21.49	21.47	21.43		
10	16QAM	50	0	21.42	21.50	21.41		
10	64QAM	1	0	21.53	21.52	21.45		
10	64QAM	1	25	21.56	21.70	21.55	22	2
10	64QAM	1	49	21.54	21.54	21.60		
10	64QAM	25	0	20.41	20.57	20.55		
10	64QAM	25	12	20.38	20.47	20.52	21	3
10	64QAM	25	25	20.40	20.48	20.48		
10	64QAM	50	0	20.32	20.46	20.41		
10	256QAM	1	0	18.23	18.39	18.33		
10	256QAM	1	25	18.25	18.29	18.14	19	5
10	256QAM	1	49	18.17	18.16	18.24		
10	256QAM	25	0	18.27	18.29	18.33		
10	256QAM	25	12	18.25	18.29	18.19	19	5
10	256QAM	25	25	18.23	18.18	18.19		
10	256QAM	50	0	18.30	18.35	18.30		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.30	23.27	23.23		
5	QPSK	1	12	23.57	23.55	23.57	24	0
5	QPSK	1	24	23.26	23.42	23.50		
5	QPSK	12	0	22.44	22.55	22.52		
5	QPSK	12	7	22.46	22.64	22.50	23	1
5	QPSK	12	13	22.46	22.50	22.46		
5	QPSK	25	0	22.38	22.49	22.40		
5	16QAM	1	0	22.55	22.44	22.41		
5	16QAM	1	12	22.75	22.70	22.63	23	1
5	16QAM	1	24	22.55	22.53	22.58		
5	16QAM	12	0	21.33	21.45	21.52		
5	16QAM	12	7	21.56	21.48	21.49	22	2
5	16QAM	12	13	21.52	21.45	21.49		
5	16QAM	25	0	21.39	21.57	21.51		
5	64QAM	1	0	21.44	21.40	21.51		
5	64QAM	1	12	21.67	21.63	21.67	22	2
5	64QAM	1	24	21.45	21.59	21.66		
5	64QAM	12	0	20.32	20.42	20.59		
5	64QAM	12	7	20.47	20.37	20.53	21	3
5	64QAM	12	13	20.41	20.36	20.42		
5	64QAM	25	0	20.45	20.55	20.52		
5	256QAM	1	0	18.22	18.35	18.31		
5	256QAM	1	12	18.20	18.24	18.16	19	5
5	256QAM	1	24	18.09	18.12	18.16		
5	256QAM	12	0	18.34	18.29	18.28		
5	256QAM	12	7	18.37	18.22	18.19	19	5
5	256QAM	12	13	18.32	18.27	18.25		
5	256QAM	25	0	18.30	18.36	18.23		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.06	16.06	16.04		
20	QPSK	1	49	16.36	16.37	16.28	17	0
20	QPSK	1	99	16.12	16.20	16.15		
20	QPSK	50	0	16.16	16.31	16.32		
20	QPSK	50	24	16.25	16.36	16.35	17	0
20	QPSK	50	50	16.18	16.28	16.29		
20	QPSK	100	0	16.18	16.32	16.30		
20	16QAM	1	0	15.95	16.03	16.04		
20	16QAM	1	49	16.23	16.23	16.23	17	0
20	16QAM	1	99	16.07	16.12	16.15		
20	16QAM	50	0	16.18	16.32	16.31		
20	16QAM	50	24	16.31	16.35	16.31	17	0
20	16QAM	50	50	16.27	16.28	16.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.62	23.31	23.61	24.5	0
10	QPSK	1	25	23.68	23.69	23.68		
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57	23.5	1
10	QPSK	25	12	22.68	22.71	22.62		
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81	23.5	1
10	16QAM	1	25	22.83	22.87	22.87		
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59	22.5	2
10	16QAM	25	12	21.66	21.65	21.65		
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65	22.5	2
10	64QAM	1	25	21.73	21.73	21.70		
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56	21.5	3
10	64QAM	25	12	20.61	20.62	20.62		
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.66	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98	19.5	5
10	256QAM	1	25	18.98	18.95	19.03		
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99	19.5	5
10	256QAM	25	12	19.02	19.02	19.05		
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23205	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51	24.5	0
5	QPSK	1	12	23.63	23.62	23.57		
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.66	22.54	23.5	1
5	QPSK	12	7	22.72	22.67	22.57		
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61	23.5	1
5	16QAM	1	0	22.78	22.75	22.83		
5	16QAM	1	12	22.85	22.85	22.92		
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59	22.5	2
5	16QAM	12	7	21.60	21.62	21.57		
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68	22.5	2
5	64QAM	1	12	21.65	21.63	21.64		
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56	21.5	3
5	64QAM	12	7	20.66	20.61	20.60		
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94	19.5	5
5	256QAM	1	12	19.01	18.98	18.93		
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99	19.5	5
5	256QAM	12	7	19.00	19.00	19.07		
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62	24.5	0
3	QPSK	1	8	23.64	23.66	23.68		
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57	23.5	1
3	QPSK	8	4	22.62	22.65	22.53		
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.73	22.82	22.76	23.5	1
3	16QAM	1	8	22.85	22.84	22.79		
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63	22.5	2
3	16QAM	8	4	21.58	21.70	21.55		
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64	22.5	2
3	64QAM	1	8	21.76	21.68	21.63		
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59	21.5	3
3	64QAM	8	4	20.55	20.62	20.60		
3	64QAM	8	7	20.64	20.52	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88	19.5	5
3	256QAM	1	8	18.99	18.89	19.08		
3	256QAM	1	14	19.02	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93	19.5	5
3	256QAM	8	4	18.95	18.93	18.96		
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.06	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52	24.5	0
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61		
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.37	22.47	23.5	1
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55		
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.68	21.47	21.67	22.5	2
1.4	64QAM	1	3	21.61	21.61	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60		
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80	19.5	5
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98		
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.98	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83	24.5	0
10	QPSK	1	25	23.90	23.95	23.91		
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78	23.5	1
10	QPSK	25	12	22.83	22.93	22.85		
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02	23.5	1
10	16QAM	1	25	23.02	23.06	23.04		
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88	22.5	2
10	16QAM	25	12	21.83	21.86	21.89		
10	16QAM	25	25	21.86	21.73	21.86		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98	22.5	2
10	64QAM	1	25	22.00	22.04	22.04		
10	64QAM	1	49	22.01	22.00	22.01		
10	64QAM	25	0	20.73	20.82	20.87	21.5	3
10	64QAM	25	12	20.82	20.85	20.84		
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27	19.5	5
10	256QAM	1	25	19.25	19.25	19.25		
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23	19.5	5
10	256QAM	25	12	19.28	19.20	19.27		
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23205	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84	24.5	0
5	QPSK	1	12	23.82	23.85	23.82		
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73	23.5	1
5	QPSK	12	7	22.77	22.98	22.87		
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85	23.5	1
5	16QAM	1	0	22.80	22.98	23.02		
5	16QAM	1	12	22.94	23.04	23.07		
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81	22.5	2
5	16QAM	12	7	21.82	21.80	21.80		
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96	22.5	2
5	64QAM	1	12	21.92	21.97	22.08		
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81	21.5	3
5	64QAM	12	7	20.87	20.79	20.79		
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.96		
5	256QAM	1	0	19.21	19.17	19.27	19.5	5
5	256QAM	1	12	19.17	19.26	19.30		
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26	19.5	5
5	256QAM	12	7	19.18	19.16	19.17		
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73	24.5	0
3	QPSK	1	8	23.86	23.87	23.94		
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.75	22.88	22.77	23.5	1
3	QPSK	8	4	22.81	22.96	22.82		
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.74	22.86	23.04	23.5	1
3	16QAM	1	8	23.02	23.02	22.99		
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83	22.5	2
3	16QAM	8	4	21.83	21.82	21.87		
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95	22.5	2
3	64QAM	1	8	22.02	22.04	22.03		
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82	21.5	3
3	64QAM	8	4	20.83	20.84	20.83		
3	64QAM	8	7	20.83	20.78	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20	19.5	5
3	256QAM	1	8	19.19	19.29	19.15		
3	256QAM	1	14	19.23	19.23	19.13		
3	256QAM	8	0	19.22	19.21	19.18	19.5	5
3	256QAM	8	4	19.32	19.10	19.20		
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	19.16	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83	24.5	0
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.88	23.88		
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.69	23.5	1
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94		
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.88	21.91	21.97	22.5	2
1.4	64QAM	1	3	21.62	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80		
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19	19.5	5
1.4	256QAM	1	3	19.18	19.18	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06		
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	5

Band 13 Main PA_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		24.49		25.5	0
10	QPSK	1	25		24.61			
10	QPSK	1	49		24.55			
10	QPSK	25	0		23.40		24.5	1
10	QPSK	25	12		23.46			
10	QPSK	25	25		23.44			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.54		24.5	1
10	16QAM	1	25		23.51			
10	16QAM	1	49		23.52			
10	16QAM	25	0		22.59		23.5	2
10	16QAM	25	12		22.67			
10	16QAM	25	25		22.60			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.64		23.5	2
10	64QAM	1	25		22.73			
10	64QAM	1	49		22.73			
10	64QAM	25	0		21.56		22.5	3
10	64QAM	25	12		21.64			
10	64QAM	25	25		21.59			
10	64QAM	50	0		21.56			
10	256QAM	1	0		19.67		20.5	5
10	256QAM	1	25		19.54			
10	256QAM	1	49		19.45			
10	256QAM	25	0		19.61		20.5	5
10	256QAM	25	12		19.41			
10	256QAM	25	25		19.43			
10	256QAM	50	0		19.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.21	24.22	24.31	25.5	0
5	QPSK	1	12	24.48	24.44	24.34		
5	QPSK	1	24	24.36	24.42	24.35		
5	QPSK	12	0	23.23	23.16	23.26	24.5	1
5	QPSK	12	7	23.21	23.19	23.27		
5	QPSK	12	13	23.22	23.25	23.16		
5	QPSK	25	0	23.38	23.31	23.36	24.5	1
5	16QAM	1	0	23.38	23.38	23.26		
5	16QAM	1	12	23.28	23.36	23.34		
5	16QAM	1	24	23.37	23.30	23.27		
5	16QAM	12	0	22.31	22.44	22.33	23.5	2
5	16QAM	12	7	22.44	22.45	22.42		
5	16QAM	12	13	22.35	22.42	22.42		
5	16QAM	25	0	22.35	22.30	22.41		
5	64QAM	1	0	22.46	22.40	22.43	23.5	2
5	64QAM	1	12	22.52	22.52	22.50		
5	64QAM	1	24	22.47	22.47	22.45		
5	64QAM	12	0	21.32	21.30	21.35	22.5	3
5	64QAM	12	7	21.40	21.50	21.45		
5	64QAM	12	13	21.43	21.42	21.41		
5	64QAM	25	0	21.32	21.43	21.30		
5	256QAM	1	0	19.51	19.44	19.39	20.5	5
5	256QAM	1	12	19.36	19.40	19.30		
5	256QAM	1	24	19.17	19.31	19.22		
5	256QAM	12	0	19.38	19.44	19.37	20.5	5
5	256QAM	12	7	19.25	19.18	19.17		
5	256QAM	12	13	19.28	19.16	19.22		
5	256QAM	25	0	19.31	19.27	19.18		

Band 13 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.59		25.5	0
10	QPSK	1	25		24.72			
10	QPSK	1	49		24.64			
10	QPSK	25	0		23.53		24.5	1
10	QPSK	25	12		23.58			
10	QPSK	25	25		23.54			
10	QPSK	50	0		23.55			
10	16QAM	1	0		23.71		24.5	1
10	16QAM	1	25		23.81			
10	16QAM	1	49		23.77			
10	16QAM	25	0		22.73		23.5	2
10	16QAM	25	12		22.73			
10	16QAM	25	25		22.71			
10	16QAM	50	0		22.67			
10	64QAM	1	0		22.80		23.5	2
10	64QAM	1	25		22.92			
10	64QAM	1	49		22.89			
10	64QAM	25	0		21.72		22.5	3
10	64QAM	25	12		21.71			
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.67			
10	256QAM	1	0		20.21		20.5	5
10	256QAM	1	25		20.21			
10	256QAM	1	49		20.18			
10	256QAM	25	0		20.21		20.5	5
10	256QAM	25	12		20.29			
10	256QAM	25	25		20.28			
10	256QAM	50	0		20.21			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.48	24.51	24.53	25.5	0
5	QPSK	1	12	24.58	24.67	24.57		
5	QPSK	1	24	24.56	24.49	24.46		
5	QPSK	12	0	23.46	23.40	23.39	24.5	1
5	QPSK	12	7	23.44	23.42	23.49		
5	QPSK	12	13	23.47	23.47	23.36		
5	QPSK	25	0	23.42	23.49	23.48	24.5	1
5	16QAM	1	0	23.65	23.55	23.64		
5	16QAM	1	12	23.76	23.65	23.67		
5	16QAM	1	24	23.69	23.67	23.69		
5	16QAM	12	0	22.66	22.57	22.67	23.5	2
5	16QAM	12	7	22.56	22.54	22.64		
5	16QAM	12	13	22.62	22.53	22.56		
5	16QAM	25	0	22.51	22.63	22.58		
5	64QAM	1	0	22.72	22.75	22.71	23.5	2
5	64QAM	1	12	22.82	22.79	22.82		
5	64QAM	1	24	22.81	22.74	22.83		
5	64QAM	12	0	21.68	21.55	21.59	22.5	3
5	64QAM	12	7	21.64	21.57	21.59		
5	64QAM	12	13	21.50	21.51	21.54		
5	64QAM	25	0	21.57	21.50	21.50		
5	256QAM	1	0	20.17	20.02	20.12	20.5	5
5	256QAM	1	12	20.11	20.08	20.05		
5	256QAM	1	24	20.02	20.08	20.03		
5	256QAM	12	0	20.08	20.05	20.06	20.5	5
5	256QAM	12	7	20.13	20.12	20.13		
5	256QAM	12	13	20.21	20.15	20.09		
5	256QAM	25	0	20.10	20.10	20.12		

Band 17 Main PA_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	23.22	23.21	23.33		
10	QPSK	1	25	23.66	23.67	23.63	24.5	0
10	QPSK	1	49	23.62	23.64	23.61		
10	QPSK	25	0	22.50	22.45	22.44		
10	QPSK	25	12	22.57	22.61	22.57	23.5	1
10	QPSK	25	25	22.51	22.47	22.52		
10	QPSK	50	0	22.49	22.52	22.48		
10	16QAM	1	0	22.78	22.77	22.74		
10	16QAM	1	25	22.88	22.87	22.79	23.5	1
10	16QAM	1	49	22.86	22.81	22.80		
10	16QAM	25	0	21.51	21.46	21.49		
10	16QAM	25	12	21.62	21.62	21.60	22.5	2
10	16QAM	25	25	21.51	21.47	21.52		
10	16QAM	50	0	21.47	21.45	21.52		
10	64QAM	1	0	21.64	21.64	21.61		
10	64QAM	1	25	21.73	21.70	21.63	22.5	2
10	64QAM	1	49	21.69	21.67	21.69		
10	64QAM	25	0	20.49	20.44	20.47		
10	64QAM	25	12	20.60	20.62	20.58	21.5	3
10	64QAM	25	25	20.51	20.48	20.49		
10	64QAM	50	0	20.49	20.45	20.50		
10	256QAM	1	0	18.86	18.88	18.89		
10	256QAM	1	25	18.93	18.87	18.85	19.5	5
10	256QAM	1	49	18.84	18.85	18.89		
10	256QAM	25	0	18.87	18.90	18.88		
10	256QAM	25	12	18.87	18.85	18.87	19.5	5
10	256QAM	25	25	18.87	18.91	18.89		
10	256QAM	50	0	18.86	18.93	18.92		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.23	23.20	23.32		
5	QPSK	1	12	23.64	23.66	23.62	24.5	0
5	QPSK	1	24	23.65	23.57	23.59		
5	QPSK	12	0	22.40	22.49	22.44		
5	QPSK	12	7	22.55	22.58	22.57	23.5	1
5	QPSK	12	13	22.53	22.50	22.57		
5	QPSK	25	0	22.46	22.42	22.49		
5	16QAM	1	0	22.70	22.73	22.68		
5	16QAM	1	12	22.91	22.86	22.83	23.5	1
5	16QAM	1	24	22.85	22.83	22.71		
5	16QAM	12	0	21.53	21.49	21.42		
5	16QAM	12	7	21.53	21.53	21.64	22.5	2
5	16QAM	12	13	21.52	21.47	21.44		
5	16QAM	25	0	21.45	21.47	21.57		
5	64QAM	1	0	21.67	21.55	21.51		
5	64QAM	1	12	21.67	21.69	21.57	22.5	2
5	64QAM	1	24	21.71	21.66	21.63		
5	64QAM	12	0	20.53	20.35	20.37		
5	64QAM	12	7	20.54	20.61	20.54	21.5	3
5	64QAM	12	13	20.43	20.43	20.39		
5	64QAM	25	0	20.40	20.46	20.47		
5	256QAM	1	0	18.83	18.82	18.88		
5	256QAM	1	12	18.86	18.85	18.82	19.5	5
5	256QAM	1	24	18.78	18.85	18.88		
5	256QAM	12	0	18.79	18.90	18.88		
5	256QAM	12	7	18.81	18.78	18.79	19.5	5
5	256QAM	12	13	18.78	18.81	18.85		
5	256QAM	25	0	18.90	18.85	18.85		

Band 17 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.44	23.45	23.56		
10	QPSK	1	25	23.82	23.88	23.83	24.5	0
10	QPSK	1	49	23.81	23.81	23.81		
10	QPSK	25	0	22.78	22.78	22.80		
10	QPSK	25	12	22.86	22.87	22.86	23.5	1
10	QPSK	25	25	22.80	22.79	22.80		
10	QPSK	50	0	22.85	22.87	22.81		
10	16QAM	1	0	22.95	23.02	22.96		
10	16QAM	1	25	23.08	23.05	23.04	23.5	1
10	16QAM	1	49	23.06	22.99	23.05		
10	16QAM	25	0	21.83	21.77	21.80		
10	16QAM	25	12	21.89	21.88	21.87	22.5	2
10	16QAM	25	25	21.79	21.81	21.85		
10	16QAM	50	0	21.78	21.78	21.85		
10	64QAM	1	0	21.97	21.95	21.93		
10	64QAM	1	25	22.05	22.03	21.96	22.5	2
10	64QAM	1	49	22.02	22.03	22.02		
10	64QAM	25	0	20.76	20.75	20.77		
10	64QAM	25	12	20.84	20.86	20.85	21.5	3
10	64QAM	25	25	20.79	20.76	20.83		
10	64QAM	50	0	20.78	20.77	20.82		
10	256QAM	1	0	19.19	19.16	19.13		
10	256QAM	1	25	19.16	19.12	19.11	19.5	5
10	256QAM	1	49	19.11	19.24	19.22		
10	256QAM	25	0	19.26	19.14	19.24		
10	256QAM	25	12	19.14	19.11	19.22	19.5	5
10	256QAM	25	25	19.11	19.18	19.15		
10	256QAM	50	0	19.22	19.24	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.44	23.43	23.53		
5	QPSK	1	12	23.86	23.82	23.81	24.5	0
5	QPSK	1	24	23.72	23.77	23.83		
5	QPSK	12	0	22.74	22.80	22.73		
5	QPSK	12	7	22.79	22.81	22.88	23.5	1
5	QPSK	12	13	22.82	22.72	22.80		
5	QPSK	25	0	22.88	22.83	22.86		
5	16QAM	1	0	22.89	22.95	22.86		
5	16QAM	1	12	23.07	22.98	22.97	23.5	1
5	16QAM	1	24	23.00	22.91	23.07		
5	16QAM	12	0	21.78	21.70	21.76		
5	16QAM	12	7	21.87	21.81	21.82	22.5	2
5	16QAM	12	13	21.76	21.73	21.76		
5	16QAM	25	0	21.68	21.75	21.78		
5	64QAM	1	0	21.87	21.95	21.92		
5	64QAM	1	12	21.97	21.93	21.93	22.5	2
5	64QAM	1	24	21.93	22.05	22.05		
5	64QAM	12	0	20.79	20.77	20.77		
5	64QAM	12	7	20.87	20.81	20.85	21.5	3
5	64QAM	12	13	20.81	20.72	20.87		
5	64QAM	25	0	20.80	20.73	20.86		
5	256QAM	1	0	19.09	19.20	19.14		
5	256QAM	1	12	19.09	19.07	19.11	19.5	5
5	256QAM	1	24	19.03	19.21	19.19		
5	256QAM	12	0	19.18	19.13	19.27		
5	256QAM	12	7	19.06	19.07	19.22	19.5	5
5	256QAM	12	13	19.04	19.14	19.20		
5	256QAM	25	0	19.26	19.26	19.25		

Band 26 Main PA_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	24.58	24.56	24.54		
15	QPSK	1	37	24.63	24.65	24.58	25.5	0
15	QPSK	1	74	24.61	24.49	24.41		
15	QPSK	36	0	23.60	23.50	23.55		
15	QPSK	36	20	23.65	23.66	23.57	24.5	1
15	QPSK	36	39	23.56	23.58	23.43		
15	QPSK	75	0	23.51	23.55	23.52		
15	16QAM	1	0	23.67	23.72	23.75		
15	16QAM	1	37	23.87	23.84	23.85	24.5	1
15	16QAM	1	74	23.74	23.70	23.68		
15	16QAM	36	0	22.57	22.53	22.57		
15	16QAM	36	20	22.60	22.57	22.51	23.5	2
15	16QAM	36	39	22.65	22.57	22.44		
15	16QAM	75	0	22.62	22.52	22.50		
15	64QAM	1	0	22.62	22.71	22.69		
15	64QAM	1	37	22.77	22.83	22.74	23.5	2
15	64QAM	1	74	22.69	22.77	22.64		
15	64QAM	36	0	21.79	21.68	21.56		
15	64QAM	36	20	21.79	21.60	21.52	22.5	3
15	64QAM	36	39	21.84	21.55	21.39		
15	64QAM	75	0	21.79	21.54	21.48		
15	256QAM	1	0	19.54	19.58	19.53		
15	256QAM	1	37	19.59	19.57	19.54	20.5	5
15	256QAM	1	74	19.62	19.56	19.55		
15	256QAM	36	0	19.57	19.57	19.63		
15	256QAM	36	20	19.60	19.53	19.55	20.5	5
15	256QAM	36	39	19.60	19.56	19.53		
15	256QAM	75	0	19.61	19.54	19.58		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.56	24.48	24.51		
10	QPSK	1	25	24.64	24.64	24.60	25.5	0
10	QPSK	1	49	24.52	24.42	24.42		
10	QPSK	25	0	23.53	23.53	23.59		
10	QPSK	25	12	23.55	23.56	23.62	24.5	1
10	QPSK	25	25	23.61	23.60	23.34		
10	QPSK	50	0	23.45	23.49	23.52		
10	16QAM	1	0	23.93	23.67	23.71		
10	16QAM	1	25	23.92	23.87	23.82	24.5	1
10	16QAM	1	49	23.79	23.75	23.70		
10	16QAM	25	0	22.58	22.43	22.62		
10	16QAM	25	12	22.53	22.53	22.54	23.5	2
10	16QAM	25	25	22.64	22.47	22.45		
10	16QAM	50	0	22.58	22.51	22.53		
10	64QAM	1	0	22.65	22.74	22.64		
10	64QAM	1	25	22.75	22.83	22.67	23.5	2
10	64QAM	1	49	22.68	22.54	22.45		
10	64QAM	25	0	21.69	21.72	21.57		
10	64QAM	25	12	21.83	21.52	21.44	22.5	3
10	64QAM	25	25	21.87	21.53	21.44		
10	64QAM	50	0	21.82	21.47	21.40		
10	256QAM	1	0	19.51	19.63	19.46		
10	256QAM	1	25	19.56	19.61	19.58	20.5	5
10	256QAM	1	49	19.56	19.60	19.60		
10	256QAM	25	0	19.61	19.62	19.53		
10	256QAM	25	12	19.60	19.57	19.47	20.5	5
10	256QAM	25	25	19.55	19.60	19.46		
10	256QAM	50	0	19.54	19.49	19.56		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.49	24.47	24.55		
5	QPSK	1	12	24.56	24.63	24.62	25.5	0
5	QPSK	1	24	24.60	24.51	24.35		
5	QPSK	12	0	23.52	23.43	23.46		
5	QPSK	12	7	23.57	23.60	23.48	24.5	1
5	QPSK	12	13	23.56	23.51	23.48		
5	QPSK	25	0	23.55	23.58	23.52		
5	16QAM	1	0	23.65	23.65	23.68		
5	16QAM	1	12	23.86	23.80	23.84	24.5	1
5	16QAM	1	24	23.71	23.71	23.61		
5	16QAM	12	0	22.55	22.58	22.51		
5	16QAM	12	7	22.55	22.61	22.56	23.5	2
5	16QAM	12	13	22.61	22.49	22.44		
5	16QAM	25	0	22.54	22.45	22.53		
5	64QAM	1	0	22.58	22.66	22.69		
5	64QAM	1	12	22.76	22.80	22.70	23.5	2
5	64QAM	1	24	22.60	22.59	22.55		
5	64QAM	12	0	21.74	21.61	21.56		
5	64QAM	12	7	21.71	21.65	21.55	22.5	3
5	64QAM	12	13	21.81	21.58	21.45		
5	64QAM	25	0	21.77	21.52	21.42		
5	256QAM	1	0	19.57	19.48	19.51		
5	256QAM	1	12	19.50	19.58	19.48	20.5	5
5	256QAM	1	24	19.53	19.51	19.59		
5	256QAM	12	0	19.57	19.62	19.58		
5	256QAM	12	7	19.64	19.50	19.57	20.5	5
5	256QAM	12	13	19.63	19.54	19.46		
5	256QAM	25	0	19.51	19.48	19.62		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.53	24.50	24.49		
3	QPSK	1	8	24.57	24.55	24.57	25.5	0
3	QPSK	1	14	24.55	24.42	24.41		
3	QPSK	8	0	23.62	23.51	23.50		
3	QPSK	8	4	23.58	23.58	23.54	24.5	1
3	QPSK	8	7	23.61	23.59	23.34		
3	QPSK	15	0	23.50	23.46	23.44		
3	16QAM	1	0	23.69	23.65	23.76		
3	16QAM	1	8	23.85	23.77	23.83	24.5	1
3	16QAM	1	14	23.75	23.73	23.70		
3	16QAM	8	0	22.62	22.52	22.59		
3	16QAM	8	4	22.62	22.55	22.47	23.5	2
3	16QAM	8	7	22.69	22.55	22.49		
3	16QAM	15	0	22.61	22.51	22.52		
3	64QAM	1	0	22.62	22.64	22.68		
3	64QAM	1	8	22.78	22.75	22.66	23.5	2
3	64QAM	1	14	22.58	22.57	22.47		
3	64QAM	8	0	21.79	21.62	21.55		
3	64QAM	8	4	21.78	21.53	21.42	22.5	3
3	64QAM	8	7	21.83	21.58	21.36		
3	64QAM	15	0	21.74	21.50	21.48		
3	256QAM	1	0	19.56	19.59	19.50		
3	256QAM	1	8	19.58	19.47	19.57	20.5	5
3	256QAM	1	14	19.63	19.48	19.55		
3	256QAM	8	0	19.52	19.56	19.61		
3	256QAM	8	4	19.52	19.51	19.53	20.5	5
3	256QAM	8	7	19.58	19.59	19.44		
3	256QAM	15	0	19.66	19.59	19.58		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.53	24.46	24.46		
1.4	QPSK	1	3	24.58	24.60	24.57		
1.4	QPSK	1	5	24.62	24.58	24.47	25.5	0
1.4	QPSK	3	0	24.57	24.55	24.45		
1.4	QPSK	3	1	24.57	24.47	24.45		
1.4	QPSK	3	3	24.52	24.51	24.44		
1.4	QPSK	6	0	23.64	23.51	23.46	24.5	1
1.4	16QAM	1	0	23.55	23.41	23.47		
1.4	16QAM	1	3	23.56	23.42	23.48		
1.4	16QAM	1	5	23.56	23.49	23.45	24.5	1
1.4	16QAM	3	0	23.64	23.41	23.57		
1.4	16QAM	3	1	23.64	23.48	23.55		
1.4	16QAM	3	3	23.65	23.51	23.50		
1.4	16QAM	6	0	22.58	22.43	22.48	23.5	2
1.4	64QAM	1	0	22.48	22.56	22.61		
1.4	64QAM	1	3	22.61	22.54	22.51		
1.4	64QAM	1	5	22.57	22.45	22.55	23.5	2
1.4	64QAM	3	0	22.54	22.52	22.60		
1.4	64QAM	3	1	22.51	22.47	22.60		
1.4	64QAM	3	3	22.57	22.47	22.53		
1.4	64QAM	6	0	21.77	21.67	21.51	22.5	3
1.4	256QAM	1	0	19.54	19.54	19.54		
1.4	256QAM	1	3	19.62	19.57	19.57		
1.4	256QAM	1	5	19.62	19.55	19.58	20.5	5
1.4	256QAM	3	0	19.58	19.49	19.68		
1.4	256QAM	3	1	19.61	19.57	19.49		
1.4	256QAM	3	3	19.62	19.48	19.51		
1.4	256QAM	6	0	19.54	19.47	19.48	20.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.63	23.68	23.66		
15	QPSK	1	37	23.78	23.79	23.67	24.5	0
15	QPSK	1	74	23.70	23.65	23.58		
15	QPSK	36	0	23.61	23.66	23.65		
15	QPSK	36	20	23.76	23.74	23.66	24.5	0
15	QPSK	36	39	23.66	23.63	23.54		
15	QPSK	75	0	23.60	23.65	23.61		
15	16QAM	1	0	23.77	23.74	23.64		
15	16QAM	1	37	23.69	23.60	23.53	24.5	0
15	16QAM	1	74	23.54	23.62	23.61		
15	16QAM	36	0	22.59	22.65	22.59		
15	16QAM	36	20	22.71	22.72	22.65	23.5	1
15	16QAM	36	39	22.63	22.57	22.51		
15	16QAM	75	0	22.59	22.64	22.56		
15	64QAM	1	0	22.72	22.71	22.63		
15	64QAM	1	37	22.63	22.57	22.50	23.5	1
15	64QAM	1	74	22.60	22.57	22.56		
15	64QAM	36	0	21.82	21.81	21.67		
15	64QAM	36	20	21.81	21.66	21.61	22.5	2
15	64QAM	36	39	21.88	21.65	21.55		
15	64QAM	75	0	21.85	21.64	21.59		
15	256QAM	1	0	19.59	19.64	19.67		
15	256QAM	1	37	19.79	19.72	19.59	20.5	4
15	256QAM	1	74	19.68	19.58	19.53		
15	256QAM	36	0	19.54	19.56	19.60		
15	256QAM	36	20	19.68	19.70	19.61	20.5	4
15	256QAM	36	39	19.57	19.58	19.53		
15	256QAM	75	0	19.55	19.56	19.49		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.59	23.62	23.66		
10	QPSK	1	25	23.74	23.72	23.61	24.5	0
10	QPSK	1	49	23.63	23.62	23.48		
10	QPSK	25	0	23.62	23.59	23.57		
10	QPSK	25	12	23.72	23.70	23.62	24.5	0
10	QPSK	25	25	23.60	23.57	23.50		
10	QPSK	50	0	23.59	23.56	23.58		
10	16QAM	1	0	23.71	23.69	23.59		
10	16QAM	1	25	23.62	23.59	23.49	24.5	0
10	16QAM	1	49	23.49	23.53	23.56		
10	16QAM	25	0	22.59	22.58	22.48		
10	16QAM	25	12	22.69	22.67	22.60	23.5	1
10	16QAM	25	25	22.59	22.56	22.41		
10	16QAM	50	0	22.56	22.59	22.53		
10	64QAM	1	0	22.64	22.63	22.61		
10	64QAM	1	25	22.56	22.50	22.47	23.5	1
10	64QAM	1	49	22.45	22.50	22.54		
10	64QAM	25	0	21.73	21.74	21.61		
10	64QAM	25	12	21.72	21.60	21.56	22.5	2
10	64QAM	25	25	21.83	21.59	21.49		
10	64QAM	50	0	21.75	21.38	21.55		
10	256QAM	1	0	19.57	19.56	19.62		
10	256QAM	1	25	19.76	19.66	19.50	20.5	4
10	256QAM	1	49	19.59	19.54	19.48		
10	256QAM	25	0	19.47	19.65	19.51		
10	256QAM	25	12	19.58	19.64	19.53	20.5	4
10	256QAM	25	25	19.51	19.51	19.50		
10	256QAM	50	0	19.51	19.54	19.45		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.57	23.63	23.56		
5	QPSK	1	12	23.74	23.75	23.57	24.5	0
5	QPSK	1	24	23.64	23.56	23.57		
5	QPSK	12	0	23.55	23.61	23.64		
5	QPSK	12	7	23.67	23.73	23.60	24.5	0
5	QPSK	12	13	23.54	23.55	23.45		
5	QPSK	25	0	23.51	23.55	23.57		
5	16QAM	1	0	23.73	23.63	23.61		
5	16QAM	1	12	23.59	23.57	23.44	24.5	0
5	16QAM	1	24	23.50	23.62	23.60		
5	16QAM	12	0	22.58	22.56	22.53		
5	16QAM	12	7	22.68	22.66	22.60	23.5	1
5	16QAM	12	13	22.54	22.54	22.47		
5	16QAM	25	0	22.53	22.61	22.51		
5	64QAM	1	0	22.64	22.60	22.57		
5	64QAM	1	12	22.61	22.51	22.45	23.5	1
5	64QAM	1	24	22.46	22.51	22.47		
5	64QAM	12	0	21.77	21.74	21.62		
5	64QAM	12	7	21.71	21.64	21.57	22.5	2
5	64QAM	12	13	21.78	21.58	21.50		
5	64QAM	25	0	21.74	21.48	21.49		
5	256QAM	1	0	19.54	19.65	19.56		
5	256QAM	1	12	19.74	19.67	19.54	20.5	4
5	256QAM	1	24	19.62	19.52	19.50		
5	256QAM	12	0	19.47	19.66	19.53		
5	256QAM	12	7	19.62	19.64	19.52	20.5	4
5	256QAM	12	13	19.58	19.55	19.52		
5	256QAM	25	0	19.51	19.51	19.38		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.62	23.58	23.59		
3	QPSK	1	8	23.68	23.72	23.57	24.5	0
3	QPSK	1	14	23.69	23.62	23.57		
3	QPSK	8	0	23.54	23.64	23.54		
3	QPSK	8	4	23.65	23.71	23.59	24.5	0
3	QPSK	8	7	23.58	23.58	23.45		
3	QPSK	15	0	23.57	23.60	23.54		
3	16QAM	1	0	23.71	23.64	23.59		
3	16QAM	1	8	23.63	23.60	23.52

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.34	20.28	20.28	21.5	0
20	QPSK	1	49	20.35	20.43	20.42		
20	QPSK	1	99	20.16	20.20	20.19		
20	QPSK	50	0	19.33	19.28	19.28	20.5	1
20	QPSK	50	24	19.40	19.41	19.36		
20	QPSK	50	50	19.27	19.31	19.30		
20	QPSK	100	0	19.31	19.32	19.30		
20	16QAM	1	0	19.45	19.44	19.45	20.5	1
20	16QAM	1	49	19.50	19.56	19.62		
20	16QAM	1	99	19.31	19.31	19.31		
20	16QAM	50	0	18.38	18.24	18.28	19.5	2
20	16QAM	50	24	18.34	18.30	18.34		
20	16QAM	50	50	18.23	18.31	18.32		
20	16QAM	100	0	18.26	18.24	18.29		
20	64QAM	1	0	18.39	18.41	18.44	19.5	2
20	64QAM	1	49	18.43	18.49	18.54		
20	64QAM	1	99	18.26	18.29	18.34		
20	64QAM	50	0	17.32	17.25	17.24	18.5	3
20	64QAM	50	24	17.33	17.32	17.32		
20	64QAM	50	50	17.21	17.30	17.35		
20	64QAM	100	0	17.22	17.23	17.24		
20	256QAM	1	0	15.39	15.34	15.32	16.5	5
20	256QAM	1	49	15.43	15.31	15.33		
20	256QAM	1	99	15.35	15.42	15.31		
20	256QAM	50	0	15.41	15.37	15.35	16.5	5
20	256QAM	50	24	15.43	15.40	15.36		
20	256QAM	50	50	15.36	15.42	15.29		
20	256QAM	100	0	15.32	15.43	15.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.34	20.19	20.19	21.5	0
15	QPSK	1	37	20.35	20.42	20.34		
15	QPSK	1	74	20.20	20.20	20.11		
15	QPSK	36	0	19.24	19.30	19.20	20.5	1
15	QPSK	36	20	19.40	19.45	19.33		
15	QPSK	36	39	19.22	19.25	19.23		
15	QPSK	75	0	19.30	19.29	19.28		
15	16QAM	1	0	19.46	19.46	19.44	20.5	1
15	16QAM	1	37	19.45	19.56	19.58		
15	16QAM	1	74	19.33	19.31	19.23		
15	16QAM	36	0	18.28	18.17	18.24	19.5	2
15	16QAM	36	20	18.35	18.34	18.39		
15	16QAM	36	39	18.14	18.32	18.30		
15	16QAM	75	0	18.26	18.14	18.26		
15	64QAM	1	0	18.43	18.32	18.48	19.5	2
15	64QAM	1	37	18.45	18.43	18.44		
15	64QAM	1	74	18.29	18.33	18.37		
15	64QAM	36	0	17.28	17.16	17.26	18.5	3
15	64QAM	36	20	17.34	17.31	17.29		
15	64QAM	36	39	17.16	17.25	17.31		
15	64QAM	75	0	17.21	17.22	17.28		
15	256QAM	1	0	15.42	15.29	15.31	16.5	5
15	256QAM	1	37	15.42	15.29	15.27		
15	256QAM	1	74	15.30	15.38	15.32		
15	256QAM	36	0	15.46	15.29	15.36	16.5	5
15	256QAM	36	20	15.46	15.39	15.27		
15	256QAM	36	39	15.40	15.41	15.21		
15	256QAM	75	0	15.32	15.35	15.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.35	20.29	20.22	21.5	0
10	QPSK	1	25	20.30	20.33	20.40		
10	QPSK	1	49	20.10	20.24	20.16		
10	QPSK	25	0	19.30	19.22	19.33	20.5	1
10	QPSK	25	12	19.43	19.37	19.40		
10	QPSK	25	25	19.21	19.27	19.34		
10	QPSK	50	0	19.35	19.23	19.34		
10	16QAM	1	0	19.38	19.40	19.42	20.5	1
10	16QAM	1	25	19.45	19.48	19.53		
10	16QAM	1	49	19.31	19.29	19.21		
10	16QAM	25	0	18.40	18.17	18.31	19.5	2
10	16QAM	25	12	18.31	18.34	18.29		
10	16QAM	25	25	18.26	18.35	18.36		
10	16QAM	50	0	18.31	18.19	18.22		
10	64QAM	1	0	18.37	18.31	18.37	19.5	2
10	64QAM	1	25	18.33	18.39	18.57		
10	64QAM	1	49	18.29	18.31	18.36		
10	64QAM	25	0	17.27	17.22	17.25	18.5	3
10	64QAM	25	12	17.31	17.33	17.26		
10	64QAM	25	25	17.26	17.25	17.30		
10	64QAM	50	0	17.19	17.23	17.14		
10	256QAM	1	0	15.33	15.35	15.26	16.5	5
10	256QAM	1	25	15.44	15.26	15.27		
10	256QAM	1	49	15.27	15.41	15.23		
10	256QAM	25	0	15.37	15.27	15.32	16.5	5
10	256QAM	25	12	15.35	15.40	15.35		
10	256QAM	25	25	15.32	15.35	15.30		
10	256QAM	50	0	15.24	15.40	15.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.34	20.19	20.25	21.5	0
5	QPSK	1	12	20.29	20.34	20.40		
5	QPSK	1	24	20.19	20.12	20.12		
5	QPSK	12	0	19.35	19.18	19.18	20.5	1
5	QPSK	12	7	19.45	19.43	19.30		
5	QPSK	12	13	19.17	19.33	19.23		
5	QPSK	25	0	19.21	19.32	19.28		
5	16QAM	1	0	19.35	19.46	19.44	20.5	1
5	16QAM	1	12	19.49	19.56	19.52		
5	16QAM	1	24	19.21	19.24	19.27		
5	16QAM	12	0	18.37	18.18	18.20	19.5	2
5	16QAM	12	7	18.35	18.22	18.34		
5	16QAM	12	13	18.22	18.23	18.36		
5	16QAM	25	0	18.19	18.18	18.32		
5	64QAM	1	0	18.38	18.45	18.47	19.5	2
5	64QAM	1	12	18.45	18.47	18.53		
5	64QAM	1	24	18.18	18.27	18.24		
5	64QAM	12	0	17.26	17.30	17.25	18.5	3
5	64QAM	12	7	17.26	17.22	17.30		
5	64QAM	12	13	17.15	17.21	17.40		
5	64QAM	25	0	17.26	17.24	17.16		
5	256QAM	1	0	15.35	15.27	15.36	16.5	5
5	256QAM	1	12	15.44	15.28	15.31		
5	256QAM	1	24	15.40	15.41	15.34		
5	256QAM	12	0	15.43	15.36	15.29	16.5	5
5	256QAM	12	7	15.39	15.37	15.33		
5	256QAM	12	13	15.31	15.35	15.29		
5	256QAM	25	0	15.35	15.42	15.29		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.32	20.26	20.27	21.5	0
3	QPSK	1	8	20.31	20.35	20.35		
3	QPSK	1	14	20.16	20.13	20.15		
3	QPSK	8	0	19.26	19.21	19.18	20.5	1
3	QPSK	8	4	19.42	19.41	19.31		
3	QPSK	8	7	19.29	19.29	19.28		
3	QPSK	15	0	19.27	19.35	19.33		
3	16QAM	1	0	19.49	19.45	19.41	20.5	1
3	16QAM	1	8	19.42	19.47	19.56		
3	16QAM	1	14	19.23	19.33	19.34		
3	16QAM	8	0	18.30	18.20	18.23	19.5	2
3	16QAM	8	4	18.38	18.20	18.37		
3	16QAM	8	7	18.20	18.21	18.36		
3	16QAM	15	0	18.29	18.17	18.23		
3	64QAM	1	0	18.31	18.32	18.34	19.5	2
3	64QAM	1	8	18.34	18.53	18.45		
3	64QAM	1	14	18.19	18.34	18.34		
3	64QAM	8	0	17.32	17.25	17.24	18.5	3
3	64QAM	8	4	17.25	17.29	17.28		
3	64QAM	8	7	17.26	17.20	17.39		
3	64QAM	15	0	17.17	17.18	17.27		
3	256QAM	1	0	15.35	15.28	15.36	16.5	5
3	256QAM	1	8	15.47	15.33	15.30		
3	256QAM	1	14	15.33	15.37	15.33		
3	256QAM	8	0	15.41	15.41	15.36	16.5	5
3	256QAM	8	4	15.47	15.40	15.41		
3	256QAM	8	7	15.38	15.37	15.19		
3	256QAM	15	0	15.32	15.43	15.34		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.29	20.33	20.21	21.5	0
1.4	QPSK	1	3	20.29	20.33	20.18		
1.4	QPSK	1	5	20.34	20.28	20.30		
1.4	QPSK	3	0	20.36	20.31	20.21		
1.4	QPSK	3	1	20.31	20.21	20.30		
1.4	QPSK	3	3	20.39	20.28	20.31		
1.4	QPSK	6	0	19.45	19.44	19.42	20.5	1
1.4	16QAM	1	0	19.43	19.35	19.44	20.5	1
1.4	16QAM	1	3	19.42	19.36	19.50		
1.4	16QAM	1	5	19.41	19.46	19.35		
1.4	16QAM	3	0	19.35	19.47	19.36		
1.4	16QAM	3	1	19.45	19.45	19.38		
1.4	16QAM	3	3	19.44	19.34	19.45		
1.4	16QAM	6	0	18.38	18.19	18.26	19.5	2
1.4	64QAM	1	0	18.34	18.14	18.19	19.5	2
1.4	64QAM	1	3	18.33	18.16	18.19		
1.4	64QAM	1	5	18.38	18.14	18.21		
1.4	64QAM	3	0	18.38	18.14	18.24		
1.4	64QAM	3	1	18.41	18.15	18.32		
1.4	64QAM	3	3	18.40	18.19	18.26		
1.4	64QAM	6	0	17.19	17.26	17.28	18.5	3
1.4	256QAM	1	0	15.41	15.31	15.34	16.5	5
1.4	256QAM	1	3	15.34	15.23	15.32		
1.4	256QAM	1	5	15.31	15.34	15.22		
1.4	256QAM	3	0	15.37	15.34	15.27		
1.4	256QAM	3	1	15.48	15.42	15.39		
1.4	256QAM	3	3	15.34	15.45	15.22		
1.4	256QAM	6	0	15.22	15.46	15.32	16.5	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	17.15	17.21	17.24	18.5	0
20	QPSK	1	49	17.24	17.45	17.33		
20	QPSK	1	99	17.01	17.08	17.04		
20	QPSK	50	0	17.24	17.35	17.31	18.5	0
20	QPSK	50	24	17.41	17.42	17.38		
20	QPSK	50	50	17.26	17.36	17.28		
20	QPSK	100	0	17.29	17.39	17.38		
20	16QAM	1	0	17.25	17.17	17.31	18.5	0
20	16QAM	1	49	17.27	17.38	17.41		
20	16QAM	1	99	17.13	17.22	17.14		
20	16QAM	50	0	17.05	17.13	17.20	18.5	0
20	16QAM	50	24	17.11	17.11	17.22		
20	16QAM	50	50	17.37	17.12	17.12		
20	16QAM	100	0	17.25	17.30	17.06		
20	64QAM	1	0	17.31	17.36	17.41	18.5	0
20	64QAM	1	49	17.32	17.33	17.41		
20	64QAM	1	99	17.24	17.32	17.16		
20	64QAM	50	0	17.28	17.42	17.41	18.5	0
20	64QAM	50	24	17.33	17.38	17.41		
20	64QAM	50	50	17.27	17.39	17.34		
20	64QAM	100	0	17.26	17.42	17.43		
20	256QAM	1	0	17.11	17.14	17.16	18.5	0
20	256QAM	1	49	17.15	17.38	17.28		
20	256QAM	1	99	17.01	17.00	16.98		
20	256QAM	50	0	17.13	17.31	17.23	18.5	0
20	256QAM	50	24	17.42	17.34	17.32		
20	256QAM	50	50	17.22	17.27	17.20		
20	256QAM	100	0	17.21	17.28	17.33		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.09	17.21	17.18	18.5	0
15	QPSK	1	37	17.19	17.40	17.23		
15	QPSK	1	74	16.94	17.09	16.92		
15	QPSK	36	0	17.21	17.28	17.22	18.5	0
15	QPSK	36	20	17.35	17.36	17.35		
15	QPSK	36	39	17.19	17.26	17.24		
15	QPSK	75	0	17.22	17.30	17.32		
15	16QAM	1	0	17.25	17.15	17.24	18.5	0
15	16QAM	1	37	17.22	17.29	17.34		
15	16QAM	1	74	17.11	17.15	17.10		
15	16QAM	36	0	16.99	17.06	17.17	18.5	0
15	16QAM	36	20	17.09	17.09	17.17		
15	16QAM	36	39	17.29	17.08	17.08		
15	16QAM	75	0	17.21	17.27	17.00		
15	64QAM	1	0	17.27	17.35	17.36	18.5	0
15	64QAM	1	37	17.29	17.26	17.40		
15	64QAM	1	74	17.21	17.26	17.10		
15	64QAM	36	0	17.17	17.37	17.39	18.5	0
15	64QAM	36	20	17.26	17.32	17.39		
15	64QAM	36	39	17.25	17.37	17.28		
15	64QAM	75	0	17.22	17.38	17.42		
15	256QAM	1	0	17.12	17.06	17.07	18.5	0
15	256QAM	1	37	17.04	17.36	17.19		
15	256QAM	1	74	16.97	16.98	16.87		
15	256QAM	36	0	17.04	17.21	17.13	18.5	0
15	256QAM	36	20	17.37	17.27	17.28		
15	256QAM	36	39	17.17	17.20	17.15		
15	256QAM	75	0	17.21	17.25	17.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.10	17.16	17.14	18.5	0
10	QPSK	1	25	17.14	17.42	17.34		
10	QPSK	1	49	16.92	17.02	16.98		
10	QPSK	25	0	17.20	17.29	17.24	18.5	0
10	QPSK	25	12	17.37	17.41	17.39		
10	QPSK	25	25	17.22	17.31	17.24		
10	QPSK	50	0	17.19	17.32	17.31		
10	16QAM	1	0	17.21	17.14	17.25	18.5	0
10	16QAM	1	25	17.20	17.33	17.32		
10	16QAM	1	49	17.06	17.16	17.03		
10	16QAM	25	0	17.06	17.06	17.15	18.5	0
10	16QAM	25	12	17.00	16.99	17.12		
10	16QAM	25	25	17.32	17.07	17.11		
10	16QAM	50	0	17.23	17.25	16.98		
10	64QAM	1	0	17.22	17.28	17.34	18.5	0
10	64QAM	1	25	17.23	17.27	17.35		
10	64QAM	1	49	17.18	17.22	17.06		
10	64QAM	25	0	17.23	17.37	17.39	18.5	0
10	64QAM	25	12	17.28	17.31	17.34		
10	64QAM	25	25	17.22	17.35	17.31		
10	64QAM	50	0	17.18	17.31	17.44		
10	256QAM	1	0	17.01	17.06	17.13	18.5	0
10	256QAM	1	25	17.08	17.35	17.25		
10	256QAM	1	49	16.92	16.92	16.93		
10	256QAM	25	0	17.07	17.23	17.21	18.5	0
10	256QAM	25	12	17.38	17.33	17.23		
10	256QAM	25	25	17.16	17.24	17.12		
10	256QAM	50	0	17.20	17.23	17.28		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.11	17.10	17.18	18.5	0
5	QPSK	1	12	17.18	17.40	17.29		
5	QPSK	1	24	16.96	17.03	17.00		
5	QPSK	12	0	17.13	17.32	17.26	18.5	0
5	QPSK	12	7	17.40	17.31	17.37		
5	QPSK	12	13	17.23	17.31	17.28		
5	QPSK	25	0	17.18	17.29	17.34		
5	16QAM	1	0	17.22	17.08	17.24	18.5	0
5	16QAM	1	12	17.23	17.34	17.39		
5	16QAM	1	24	17.05	17.17	17.08		
5	16QAM	12	0	17.02	17.04	17.15	18.5	0
5	16QAM	12	7	17.10	17.04	17.13		
5	16QAM	12	13	17.35	17.10	17.04		
5	16QAM	25	0	17.18	17.22	17.00		
5	64QAM	1	0	17.28	17.33	17.32	18.5	0
5	64QAM	1	12	17.29	17.31	17.41		
5	64QAM	1	24	17.12	17.21	17.15		
5	64QAM	12	0	17.24	17.35	17.37	18.5	0
5	64QAM	12	7	17.29	17.33	17.35		
5	64QAM	12	13	17.22	17.31	17.31		
5	64QAM	25	0	17.18	17.35	17.39		
5	256QAM	1	0	17.08	17.10	17.12	18.5	0
5	256QAM	1	12	17.13	17.29	17.29		
5	256QAM	1	24	16.94	16.92	16.91		
5	256QAM	12	0	17.06	17.26	17.12	18.5	0
5	256QAM	12	7	17.39	17.26	17.28		
5	256QAM	12	13	17.13	17.19	17.16		
5	256QAM	25	0	17.16	17.24	17.29		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.07	17.10	17.15	18.5	0
3	QPSK	1	8	17.18	17.36	17.26		
3	QPSK	1	14	16.92	17.00	16.94		
3	QPSK	8	0	17.15	17.30	17.25	18.5	0
3	QPSK	8	4	17.30	17.39	17.29		
3	QPSK	8	7	17.19	17.31	17.23		
3	QPSK	15	0	17.23	17.35	17.34		
3	16QAM	1	0	17.20	17.05	17.32	18.5	0
3	16QAM	1	8	17.19	17.33	17.39		
3	16QAM	1	14	17.07	17.11	17.08		
3	16QAM	8	0	17.04	17.10	17.14	18.5	0
3	16QAM	8	4	17.05	17.03	17.17		
3	16QAM	8	7	17.31	17.04	17.07		
3	16QAM	15	0	17.25	17.20	16.99		
3	64QAM	1	0	17.22	17.29	17.36	18.5	0
3	64QAM	1	8	17.27	17.27	17.40		
3	64QAM	1	14	17.12	17.24	17.07		
3	64QAM	8	0	17.19	17.34	17.30	18.5	0
3	64QAM	8	4	17.30	17.34	17.32		
3	64QAM	8	7	17.27	17.37	17.26		
3	64QAM	15	0	17.20	17.35	17.39		
3	256QAM	1	0	17.09	17.03	17.13	18.5	0
3	256QAM	1	8	17.09	17.33	17.16		
3	256QAM	1	14	16.95	16.91	16.89		
3	256QAM	8	0	17.06	17.25	17.18	18.5	0
3	256QAM	8	4	17.38	17.30	17.23		
3	256QAM	8	7	17.17	17.17	17.12		
3	256QAM	15	0	17.15	17.29	17.28		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.04	17.16	17.20	18.5	0
1.4	QPSK	1	3	17.15	17.33	17.30		
1.4	QPSK	1	5	16.92	17.09	17.04		
1.4	QPSK	3	0	17.21	17.24	17.23		
1.4	QPSK	3	1	17.33	17.35	17.35		
1.4	QPSK	3	3	17.21	17.28	17.20		
1.4	QPSK	6	0	17.21	17.35	17.34	18.5	0
1.4	16QAM	1	0	17.25	17.10	17.29	18.5	0
1.4	16QAM	1	3	17.21	17.28	17.38		
1.4	16QAM	1	5	17.07	17.18	17.09		
1.4	16QAM	3	0	17.00	17.11	17.18		
1.4	16QAM	3	1	17.09	17.02	17.14		
1.4	16QAM	3	3	17.30	17.02	17.11		
1.4	16QAM	6	0	17.20	17.25	17.02	18.5	0
1.4	64QAM	1	0	17.29	17.26	17.40	18.5	0
1.4	64QAM	1	3	17.28	17.28	17.35		
1.4	64QAM	1	5	17.16	17.28	17.10		
1.4	64QAM	3	0	17.29	17.37	17.42		
1.4	64QAM	3	1	17.29	17.29	17.38		
1.4	64QAM	3	3	17.23	17.36	17.24		
1.4	64QAM	6	0	17.15	17.38	17.38	18.5	0
1.4	256QAM	1	0	17.04	17.04	17.13	18.5	0
1.4	256QAM	1	3	17.10	17.37	17.27		
1.4	256QAM	1	5	16.93	16.92	16.97		
1.4	256QAM	3	0	17.04	17.19	17.12		
1.4	256QAM	3	1	17.39	17.33	17.23		
1.4	256QAM	3	3	17.16	17.17	17.11		
1.4	256QAM	6	0	17.14	17.25	17.28	18.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.41	23.35	23.33	24.2	0
20	QPSK	1	49	23.43	23.50	23.44		
20	QPSK	1	99	23.35	23.29	23.15		
20	QPSK	50	0	22.40	22.42	22.41	23.2	1
20	QPSK	50	24	22.44	22.51	22.45		
20	QPSK	50	50	22.41	22.40	22.30		
20	QPSK	100	0	22.40	22.45	22.33		
20	16QAM	1	0	22.60	22.52	22.52	23.2	1
20	16QAM	1	49	22.63	22.63	22.62		
20	16QAM	1	99	22.47	22.42	22.27		
20	16QAM	50	0	21.40	21.39	21.41	22.2	2
20	16QAM	50	24	21.45	21.38	21.37		
20	16QAM	50	50	21.43	21.35	21.30		
20	16QAM	100	0	21.35	21.34	21.28		
20	64QAM	1	0	21.52	21.46	21.48	22.2	2
20	64QAM	1	49	21.58	21.60	21.57		
20	64QAM	1	99	21.37	21.41	21.22		
20	64QAM	50	0	20.27	20.33	20.38	21.2	3
20	64QAM	50	24	20.33	20.35	20.33		
20	64QAM	50	50	20.32	20.32	20.27		
20	64QAM	100	0	20.28	20.30	20.29		
20	256QAM	1	0	18.62	18.58	18.59	19.2	5
20	256QAM	1	49	18.66	18.61	18.64		
20	256QAM	1	99	18.58	18.60	18.58		
20	256QAM	50	0	18.57	18.58	18.62	19.2	5
20	256QAM	50	24	18.55	18.54	18.55		
20	256QAM	50	50	18.60	18.60	18.64		
20	256QAM	100	0	18.58	18.58	18.63		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.41	23.35	23.31	24.2	0
15	QPSK	1	37	23.41	23.45	23.46		
15	QPSK	1	74	23.36	23.21	23.11		
15	QPSK	36	0	22.39	22.40	22.42	23.2	1
15	QPSK	36	20	22.45	22.52	22.43		
15	QPSK	36	39	22.43	22.44	22.20		
15	QPSK	75	0	22.44	22.46	22.27		
15	16QAM	1	0	22.51	22.43	22.45	23.2	1
15	16QAM	1	37	22.58	22.58	22.61		
15	16QAM	1	74	22.39	22.39	22.29		
15	16QAM	36	0	21.30	21.40	21.38	22.2	2
15	16QAM	36	20	21.49	21.34	21.37		
15	16QAM	36	39	21.43	21.29	21.33		
15	16QAM	75	0	21.35	21.33	21.26		
15	64QAM	1	0	21.56	21.48	21.47	22.2	2
15	64QAM	1	37	21.60	21.61	21.51		
15	64QAM	1	74	21.34	21.40	21.18		
15	64QAM	36	0	20.22	20.37	20.35	21.2	3
15	64QAM	36	20	20.27	20.36	20.34		
15	64QAM	36	39	20.25	20.34	20.18		
15	64QAM	75	0	20.28	20.22	20.23		
15	256QAM	1	0	18.65	18.53	18.62	19.2	5
15	256QAM	1	37	18.69	18.65	18.56		
15	256QAM	1	74	18.56	18.65	18.57		
15	256QAM	36	0	18.59	18.50	18.66	19.2	5
15	256QAM	36	20	18.59	18.58	18.58		
15	256QAM	36	39	18.51	18.58	18.59		
15	256QAM	75	0	18.49	18.63	18.56		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.31	23.33	23.25	24.2	0
10	QPSK	1	25	23.35	23.46	23.49		
10	QPSK	1	49	23.37	23.30	23.14		
10	QPSK	25	0	22.40	22.34	22.41	23.2	1
10	QPSK	25	12	22.36	22.42	22.44		
10	QPSK	25	25	22.35	22.37	22.32		
10	QPSK	50	0	22.42	22.41	22.30		
10	16QAM	1	0	22.58	22.55	22.42	23.2	1
10	16QAM	1	25	22.65	22.62	22.58		
10	16QAM	1	49	22.39	22.42	22.30		
10	16QAM	25	0	21.39	21.37	21.41	22.2	2
10	16QAM	25	12	21.45	21.39	21.33		
10	16QAM	25	25	21.34	21.31	21.32		
10	16QAM	50	0	21.25	21.35	21.19		
10	64QAM	1	0	21.57	21.39	21.51	22.2	2
10	64QAM	1	25	21.53	21.51	21.59		
10	64QAM	1	49	21.35	21.38	21.21		
10	64QAM	25	0	20.32	20.30	20.40	21.2	3
10	64QAM	25	12	20.38	20.27	20.29		
10	64QAM	25	25	20.28	20.31	20.24		
10	64QAM	50	0	20.32	20.20	20.25		
10	256QAM	1	0	18.53	18.53	18.60	19.2	5
10	256QAM	1	25	18.58	18.66	18.68		
10	256QAM	1	49	18.55	18.62	18.52		
10	256QAM	25	0	18.51	18.61	18.59	19.2	5
10	256QAM	25	12	18.53	18.47	18.51		
10	256QAM	25	25	18.59	18.59	18.64		
10	256QAM	50	0	18.50	18.56	18.62		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.35	23.26	23.31	24.2	0
5	QPSK	1	12	23.37	23.40	23.43		
5	QPSK	1	24	23.34	23.23	23.10		
5	QPSK	12	0	22.37	22.45	22.39	23.2	1
5	QPSK	12	7	22.38	22.52	22.48		
5	QPSK	12	13	22.46	22.35	22.34		
5	QPSK	25	0	22.32	22.47	22.25		
5	16QAM	1	0	22.60	22.44	22.55	23.2	1
5	16QAM	1	12	22.68	22.54	22.60		
5	16QAM	1	24	22.50	22.46	22.22		
5	16QAM	12	0	21.44	21.41	21.33	22.2	2
5	16QAM	12	7	21.43	21.28	21.31		
5	16QAM	12	13	21.40	21.29	21.27		
5	16QAM	25	0	21.28	21.27	21.24		
5	64QAM	1	0	21.47	21.41	21.47	22.2	2
5	64QAM	1	12	21.51	21.56	21.48		
5	64QAM	1	24	21.27	21.33	21.14		
5	64QAM	12	0	20.20	20.38	20.36	21.2	3
5	64QAM	12	7	20.26	20.29	20.24		
5	64QAM	12	13	20.31	20.26	20.30		
5	64QAM	25	0	20.23	20.30	20.23		
5	256QAM	1	0	18.55	18.49	18.58	19.2	5
5	256QAM	1	12	18.58	18.53	18.65		
5	256QAM	1	24	18.60	18.55	18.53		
5	256QAM	12	0	18.58	18.57	18.55	19.2	5
5	256QAM	12	7	18.56	18.52	18.49		
5	256QAM	12	13	18.61	18.52	18.65		
5	256QAM	25	0	18.61	18.59	18.57		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.45	23.33	23.23	24.2	0
3	QPSK	1	8	23.34	23.44	23.48		
3	QPSK	1	14	23.36	23.26	23.08		
3	QPSK	8	0	22.30	22.38	22.33	23.2	1
3	QPSK	8	4	22.34	22.48	22.35		
3	QPSK	8	7	22.43	22.33	22.34		
3	QPSK	15	0	22.43	22.45	22.24		
3	16QAM	1	0	22.60	22.53	22.49	23.2	1
3	16QAM	1	8	22.66	22.63	22.59		
3	16QAM	1	14	22.50	22.41	22.26		
3	16QAM	8	0	21.35	21.32	21.44	22.2	2
3	16QAM	8	4	21.45	21.28	21.36		
3	16QAM	8	7	21.48	21.26	21.32		
3	16QAM	15	0	21.33	21.32	21.19		
3	64QAM	1	0	21.57	21.45	21.43	22.2	2
3	64QAM	1	8	21.49	21.62	21.55		
3	64QAM	1	14	21.31	21.33	21.15		
3	64QAM	8	0	20.19	20.34	20.35	21.2	3
3	64QAM	8	4	20.32	20.35	20.31		
3	64QAM	8	7	20.31	20.28	20.23		
3	64QAM	15	0	20.26	20.24	20.23		
3	256QAM	1	0	18.59	18.58	18.59	19.2	5
3	256QAM	1	8	18.60	18.52	18.61		
3	256QAM	1	14	18.63	18.61	18.55		
3	256QAM	8	0	18.62	18.48	18.54	19.2	5
3	256QAM	8	4	18.45	18.56	18.53		
3	256QAM	8	7	18.63	18.53	18.56		
3	256QAM	15	0	18.51	18.55	18.66		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.38	23.28	23.32	24.2	0
1.4	QPSK	1	3	23.33	23.37	23.26		
1.4	QPSK	1	5	23.36	23.35	23.38		
1.4	QPSK	3	0	23.46	23.33	23.35		
1.4	QPSK	3	1	23.40	23.26	23.25		
1.4	QPSK	3	3	23.40	23.28	23.28		
1.4	QPSK	6	0	22.57	22.50	22.42	23.2	1
1.4	16QAM	1	0	22.59	22.49	22.56	23.2	1
1.4	16QAM	1	3	22.51	22.51	22.50		
1.4	16QAM	1	5	22.50	22.50	22.50		
1.4	16QAM	3	0	22.65	22.54	22.48		
1.4	16QAM	3	1	22.64	22.57	22.43		
1.4	16QAM	3	3	22.60	22.45	22.56		
1.4	16QAM	6	0	21.43	21.31	21.37	22.2	2
1.4	64QAM	1	0	21.31	21.38	21.46	22.2	2
1.4	64QAM	1	3	21.43	21.29	21.43		
1.4	64QAM	1	5	21.45	21.32	21.46		
1.4	64QAM	3	0	21.41	21.38	21.35		
1.4	64QAM	3	1	21.31	21.38	21.39		
1.4	64QAM	3	3	21.33	21.35	21.41		
1.4	64QAM	6	0	20.26	20.38	20.40	21.2	3
1.4	256QAM	1	0	18.66	18.48	18.49	19.2	5
1.4	256QAM	1	3	18.63	18.60	18.61		
1.4	256QAM	1	5	18.54	18.62	18.50		
1.4	256QAM	3	0	18.56	18.61	18.66		
1.4	256QAM	3	1	18.46	18.57	18.45		
1.4	256QAM	3	3	18.54	18.60	18.62		
1.4	256QAM	6	0	18.62	18.57	18.60	19.2	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	21.27	21.08	21.16	22.7	0
20	QPSK	1	49	21.29	21.39	21.32		
20	QPSK	1	99	21.15	21.02	21.13		
20	QPSK	50	0	21.28	21.15	21.31	22.7	0
20	QPSK	50	24	21.32	21.34	21.32		
20	QPSK	50	50	21.23	21.26	21.17		
20	QPSK	100	0	21.27	21.28	21.19		
20	16QAM	1	0	21.16	21.10	21.05	22.7	0
20	16QAM	1	49	21.10	21.13	21.12		
20	16QAM	1	99	21.13	21.11	21.10		
20	16QAM	50	0	20.90	20.67	20.78	22.2	0.5
20	16QAM	50	24	20.80	20.72	20.79		
20	16QAM	50	50	20.75	20.77	20.66		
20	16QAM	100	0	20.66	20.63	20.61		
20	64QAM	1	0	20.93	20.91	20.93	22.2	0.5
20	64QAM	1	49	21.06	20.94	21.03		
20	64QAM	1	99	20.86	20.79	20.73		
20	64QAM	50	0	19.76	19.68	19.84	21.2	1.5
20	64QAM	50	24	19.71	19.69	19.73		
20	64QAM	50	50	19.67	19.71	19.66		
20	64QAM	100	0	19.64	19.68	19.69		
20	256QAM	1	0	17.76	17.63	17.60	19.2	3.5
20	256QAM	1	49	17.74	17.81	17.77		
20	256QAM	1	99	17.65	17.68	17.66		
20	256QAM	50	0	17.74	17.63	17.77	19.2	3.5
20	256QAM	50	24	17.75	17.76	17.74		
20	256QAM	50	50	17.68	17.71	17.63		
20	256QAM	100	0	17.78	17.75	17.59		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.95	20.71	20.85	22.7	0
15	QPSK	1	37	20.93	21.03	20.94		
15	QPSK	1	74	20.79	20.72	20.78		
15	QPSK	36	0	20.94	20.85	20.98	22.7	0
15	QPSK	36	20	20.98	20.94	20.98		
15	QPSK	36	39	20.85	20.88	20.83		
15	QPSK	75	0	20.92	20.94	20.87		
15	16QAM	1	0	20.77	20.73	20.71	22.7	0
15	16QAM	1	37	20.71	20.80	20.77		
15	16QAM	1	74	20.71	20.81	20.78		
15	16QAM	36	0	20.56	20.38	20.43	22.2	0.5
15	16QAM	36	20	20.42	20.35	20.44		
15	16QAM	36	39	20.42	20.38	20.33		
15	16QAM	75	0	20.26	20.27	20.21		
15	64QAM	1	0	20.55	20.55	20.64	22.2	0.5
15	64QAM	1	37	20.74	20.59	20.68		
15	64QAM	1	74	20.52	20.43	20.37		
15	64QAM	36	0	19.43	19.32	19.47	21.2	1.5
15	64QAM	36	20	19.39	19.35	19.34		
15	64QAM	36	39	19.30	19.37	19.24		
15	64QAM	75	0	19.34	19.28	19.33		
15	256QAM	1	0	17.42	17.27	17.26	19.2	3.5
15	256QAM	1	37	17.41	17.52	17.42		
15	256QAM	1	74	17.28	17.27	17.30		
15	256QAM	36	0	17.35	17.29	17.41	19.2	3.5
15	256QAM	36	20	17.37	17.45	17.41		
15	256QAM	36	39	17.34	17.40	17.29		
15	256QAM	75	0	17.39	17.36	17.22		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.94	20.71	20.79	22.7	0
10	QPSK	1	25	20.92	21.08	20.93		
10	QPSK	1	49	20.86	20.73	20.75		
10	QPSK	25	0	20.94	20.80	20.92	22.7	0
10	QPSK	25	12	20.99	20.98	20.95		
10	QPSK	25	25	20.89	20.89	20.80		
10	QPSK	50	0	20.88	20.99	20.89		
10	16QAM	1	0	20.82	20.73	20.71	22.7	0
10	16QAM	1	25	20.73	20.72	20.75		
10	16QAM	1	49	20.78	20.78	20.73		
10	16QAM	25	0	20.61	20.31	20.42	22.2	0.5
10	16QAM	25	12	20.46	20.37	20.45		
10	16QAM	25	25	20.39	20.43	20.26		
10	16QAM	50	0	20.28	20.27	20.23		
10	64QAM	1	0	20.60	20.55	20.63	22.2	0.5
10	64QAM	1	25	20.71	20.59	20.69		
10	64QAM	1	49	20.55	20.45	20.40		
10	64QAM	25	0	19.42	19.31	19.43	21.2	1.5
10	64QAM	25	12	19.35	19.36	19.39		
10	64QAM	25	25	19.32	19.40	19.35		
10	64QAM	50	0	19.28	19.32	19.37		
10	256QAM	1	0	17.41	17.33	17.23	19.2	3.5
10	256QAM	1	25	17.37	17.44	17.40		
10	256QAM	1	49	17.29	17.33	17.29		
10	256QAM	25	0	17.41	17.22	17.39	19.2	3.5
10	256QAM	25	12	17.42	17.43	17.37		
10	256QAM	25	25	17.28	17.40	17.32		
10	256QAM	50	0	17.43	17.37	17.21		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.86	20.78	20.79	22.7	0
5	QPSK	1	12	20.94	21.03	20.96		
5	QPSK	1	24	20.78	20.71	20.77		
5	QPSK	12	0	20.88	20.81	20.97	22.7	0
5	QPSK	12	7	20.94	20.98	20.98		
5	QPSK	12	13	20.87	20.94	20.84		
5	QPSK	25	0	20.92	20.93	20.87		
5	16QAM	1	0	20.82	20.80	20.75	22.7	0
5	16QAM	1	12	20.73	20.78	20.78		
5	16QAM	1	24	20.76	20.82	20.75		
5	16QAM	12	0	20.53	20.33	20.40	22.2	0.5
5	16QAM	12	7	20.44	20.33	20.46		
5	16QAM	12	13	20.42	20.44	20.27		
5	16QAM	25	0	20.29	20.30	20.25		
5	64QAM	1	0	20.59	20.57	20.61	22.2	0.5
5	64QAM	1	12	20.69	20.60	20.68		
5	64QAM	1	24	20.45	20.43	20.36		
5	64QAM	12	0	19.45	19.32	19.52	21.2	1.5
5	64QAM	12	7	19.32	19.27	19.32		
5	64QAM	12	13	19.37	19.34	19.30		
5	64QAM	25	0	19.28	19.37	19.33		
5	256QAM	1	0	17.40	17.30	17.25	19.2	3.5
5	256QAM	1	12	17.43	17.48	17.43		
5	256QAM	1	24	17.28	17.31	17.32		
5	256QAM	12	0	17.35	17.28	17.40	19.2	3.5
5	256QAM	12	7	17.34	17.47	17.38		
5	256QAM	12	13	17.35	17.40	17.31		
5	256QAM	25	0	17.42	17.37	17.23		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.95	20.70	20.78	22.7	0
3	QPSK	1	8	20.92	21.02	20.97		
3	QPSK	1	14	20.81	20.70	20.78		
3	QPSK	8	0	20.92	20.74	20.93	22.7	0
3	QPSK	8	4	20.95	21.02	20.91		
3	QPSK	8	7	20.94	20.94	20.82		
3	QPSK	15	0	20.94	20.88	20.84		
3	16QAM	1	0	20.83	20.78	20.73	22.7	0
3	16QAM	1	8	20.80	20.77	20.75		
3	16QAM	1	14	20.79	20.70	20.75		
3	16QAM	8	0	20.58	20.37	20.44	22.2	0.5
3	16QAM	8	4	20.45	20.36	20.45		
3	16QAM	8	7	20.38	20.40	20.28		
3	16QAM	15	0	20.30	20.29	20.26		
3	64QAM	1	0	20.56	20.58	20.53	22.2	0.5
3	64QAM	1	8	20.71	20.62	20.69		
3	64QAM	1	14	20.50	20.47	20.43		
3	64QAM	8	0	19.43	19.33	19.51	21.2	1.5
3	64QAM	8	4	19.32	19.37	19.37		
3	64QAM	8	7	19.33	19.35	19.31		
3	64QAM	15	0	19.23	19.33	19.32		
3	256QAM	1	0	17.46	17.28	17.20	19.2	3.5
3	256QAM	1	8	17.37	17.43	17.39		
3	256QAM	1	14	17.28	17.37	17.26		
3	256QAM	8	0	17.40	17.25	17.42	19.2	3.5
3	256QAM	8	4	17.39	17.45	17.40		
3	256QAM	8	7	17.26	17.32	17.31		
3	256QAM	15	0	17.39	17.37	17.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.96	20.71	20.83	22.7	0
1.4	QPSK	1	3	20.96	20.97	20.96		
1.4	QPSK	1	5	20.79	20.78	20.77		
1.4	QPSK	3	0	20.95	20.83	20.91		
1.4	QPSK	3	1	20.95	20.95	20.96		
1.4	QPSK	3	3	20.90	20.93	20.80		
1.4	QPSK	6	0	20.93	20.91	20.88	22.7	0
1.4	16QAM	1	0	20.79	20.79	20.75	22.7	0
1.4	16QAM	1	3	20.77	20.72	20.76		
1.4	16QAM	1	5	20.82	20.73	20.76		
1.4	16QAM	3	0	20.95	20.98	20.99		
1.4	16QAM	3	1	20.86	20.95	20.77		
1.4	16QAM	3	3	20.97	20.97	20.86		
1.4	16QAM	6	0	20.82	20.75	20.68	22.2	0.5
1.4	64QAM	1	0	20.72	20.76	20.77	22.2	0.5
1.4	64QAM	1	3	20.80	20.76	20.72		
1.4	64QAM	1	5	20.86	20.76	20.67		
1.4	64QAM	3	0	20.84	20.74	20.67		
1.4	64QAM	3	1	20.74	20.80	20.75		
1.4	64QAM	3	3	20.77	20.78	20.71		
1.4	64QAM	6	0	19.41	19.36	19.54	21.2	1.5
1.4	256QAM	1	0	17.41	17.31	17.22	19.2	3.5
1.4	256QAM	1	3	17.36	17.46	17.38		
1.4	256QAM	1	5	17.25	17.33	17.26		
1.4	256QAM	3	0	17.42	17.25	17.43		
1.4	256QAM	3	1	17.41	17.42	17.37		
1.4	256QAM	3	3	17.33	17.34	17.27		
1.4	256QAM	6	0	17.48	17.39	17.23	19.2	3.5

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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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.52	20.40	20.32		
20	QPSK	1	49	20.59	20.66	20.54	21.5	0
20	QPSK	1	99	20.51	20.41	20.43		
20	QPSK	50	0	19.55	19.47	19.47		
20	QPSK	50	24	19.57	19.63	19.52	20.5	1
20	QPSK	50	50	19.55	19.48	19.49		
20	QPSK	100	0	19.46	19.55	19.49		
20	16QAM	1	0	19.50	19.34	19.30		
20	16QAM	1	49	19.63	19.52	19.53	20.5	1
20	16QAM	1	99	19.46	19.36	19.41		
20	16QAM	50	0	18.56	18.46	18.47		
20	16QAM	50	24	18.65	18.53	18.54	19.5	2
20	16QAM	50	50	18.58	18.45	18.52		
20	16QAM	100	0	18.56	18.44	18.48		
20	64QAM	1	0	18.23	18.12	18.08		
20	64QAM	1	49	18.38	18.26	18.25	19.5	2
20	64QAM	1	99	18.24	18.12	18.17		
20	64QAM	50	0	17.52	17.42	17.45		
20	64QAM	50	24	17.60	17.48	17.48	18.5	3
20	64QAM	50	50	17.53	17.43	17.47		
20	64QAM	100	0	17.51	17.43	17.47		
20	256QAM	1	0	15.23	15.22	15.12		
20	256QAM	1	49	15.13	15.18	15.26	16.5	5
20	256QAM	1	99	15.23	15.12	15.16		
20	256QAM	50	0	15.20	15.20	15.17		
20	256QAM	50	24	15.26	15.25	15.20	16.5	5
20	256QAM	50	50	15.24	15.23	15.14		
20	256QAM	100	0	15.23	15.18	15.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.49	20.32	20.26		
15	QPSK	1	37	20.53	20.64	20.58	21.5	0
15	QPSK	1	74	20.42	20.38	20.36		
15	QPSK	36	0	19.51	19.39	19.46		
15	QPSK	36	20	19.57	19.60	19.54	20.5	1
15	QPSK	36	39	19.59	19.39	19.47		
15	QPSK	75	0	19.41	19.52	19.40		
15	16QAM	1	0	19.52	19.27	19.26		
15	16QAM	1	37	19.61	19.47	19.54	20.5	1
15	16QAM	1	74	19.49	19.40	19.37		
15	16QAM	36	0	18.55	18.45	18.48		
15	16QAM	36	20	18.66	18.52	18.57	19.5	2
15	16QAM	36	39	18.56	18.46	18.45		
15	16QAM	75	0	18.57	18.40	18.43		
15	64QAM	1	0	18.28	18.12	18.06		
15	64QAM	1	37	18.33	18.24	18.16	19.5	2
15	64QAM	1	74	18.20	18.02	18.14		
15	64QAM	36	0	17.46	17.40	17.37		
15	64QAM	36	20	17.50	17.50	17.49	18.5	3
15	64QAM	36	39	17.56	17.48	17.42		
15	64QAM	75	0	17.46	17.45	17.38		
15	256QAM	1	0	15.18	15.15	15.02		
15	256QAM	1	37	15.05	15.18	15.18	16.5	5
15	256QAM	1	74	15.28	15.02	15.11		
15	256QAM	36	0	15.21	15.15	15.20		
15	256QAM	36	20	15.20	15.27	15.23	16.5	5
15	256QAM	36	39	15.28	15.14	15.11		
15	256QAM	75	0	15.28	15.21	15.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.50	20.43	20.37		
10	QPSK	1	25	20.55	20.60	20.53	21.5	0
10	QPSK	1	49	20.54	20.43	20.41		
10	QPSK	25	0	19.46	19.40	19.51		
10	QPSK	25	12	19.57	19.66	19.42	20.5	1
10	QPSK	25	25	19.52	19.43	19.41		
10	QPSK	50	0	19.40	19.58	19.44		
10	16QAM	1	0	19.50	19.29	19.22		
10	16QAM	1	25	19.55	19.55	19.52	20.5	1
10	16QAM	1	49	19.47	19.31	19.36		
10	16QAM	25	0	18.51	18.38	18.41		
10	16QAM	25	12	18.63	18.49	18.50	19.5	2
10	16QAM	25	25	18.46	18.49	18.43		
10	16QAM	50	0	18.49	18.39	18.38		
10	64QAM	1	0	18.26	18.14	18.13		
10	64QAM	1	25	18.38	18.29	18.27	19.5	2
10	64QAM	1	49	18.25	18.06	18.10		
10	64QAM	25	0	17.56	17.33	17.47		
10	64QAM	25	12	17.51	17.38	17.44	18.5	3
10	64QAM	25	25	17.56	17.45	17.44		
10	64QAM	50	0	17.51	17.34	17.51		
10	256QAM	1	0	15.21	15.27	15.13		
10	256QAM	1	25	15.09	15.21	15.16	16.5	5
10	256QAM	1	49	15.23	15.04	15.17		
10	256QAM	25	0	15.13	15.15	15.08		
10	256QAM	25	12	15.30	15.16	15.11	16.5	5
10	256QAM	25	25	15.15	15.21	15.14		
10	256QAM	50	0	15.21	15.08	15.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.49	20.33	20.26		
5	QPSK	1	12	20.60	20.64	20.54	21.5	0
5	QPSK	1	24	20.53	20.44	20.33		
5	QPSK	12	0	19.56	19.37	19.43		
5	QPSK	12	7	19.58	19.59	19.46	20.5	1
5	QPSK	12	13	19.49	19.41	19.48		
5	QPSK	25	0	19.40	19.57	19.41		
5	16QAM	1	0	19.48	19.33	19.20		
5	16QAM	1	12	19.65	19.57	19.58	20.5	1
5	16QAM	1	24	19.44	19.29	19.31		
5	16QAM	12	0	18.51	18.51	18.46		
5	16QAM	12	7	18.66	18.50	18.55	19.5	2
5	16QAM	12	13	18.56	18.37	18.43		
5	16QAM	25	0	18.46	18.48	18.43		
5	64QAM	1	0	18.23	18.09	18.11		
5	64QAM	1	12	18.41	18.26	18.21	19.5	2
5	64QAM	1	24	18.18	18.13	18.13		
5	64QAM	12	0	17.55	17.42	17.47		
5	64QAM	12	7	17.60	17.42	17.50	18.5	3
5	64QAM	12	13	17.49	17.39	17.50		
5	64QAM	25	0	17.46	17.38	17.52		
5	256QAM	1	0	15.18	15.22	15.03		
5	256QAM	1	12	15.16	15.11	15.31	16.5	5
5	256QAM	1	24	15.28	15.02	15.21		
5	256QAM	12	0	15.19	15.10	15.22		
5	256QAM	12	7	15.20	15.26	15.24	16.5	5
5	256QAM	12	13	15.14	15.25	15.06		
5	256QAM	25	0	15.27	15.11	15.20		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.82	19.70	19.76		
20	QPSK	1	49	19.88	19.98	19.94	20.5	0
20	QPSK	1	99	19.87	19.81	19.88		
20	QPSK	50	0	19.90	19.79	19.86		
20	QPSK	50	24	19.94	19.96	19.92	20.5	0
20	QPSK	50	50	19.88	19.80	19.91		
20	QPSK	100	0	19.86	19.87	19.86		
20	16QAM	1	0	19.76	19.78	19.69		
20	16QAM	1	49	19.91	19.96	19.88	20.5	0
20	16QAM	1	99	19.83	19.78	19.86		
20	16QAM	50	0	19.87	19.82	19.93		
20	16QAM	50	24	19.97	19.84	19.94	20.5	0
20	16QAM	50	50	19.94	19.85	19.90		
20	16QAM	100	0	19.87	19.82	19.89		
20	64QAM	1	0	19.55	19.57	19.53		
20	64QAM	1	49	19.66	19.65	19.77	20.5	0
20	64QAM	1	99	19.66	19.58	19.76		
20	64QAM	50	0	19.89	19.83	19.93		
20	64QAM	50	24	19.93	19.88	19.95	20.5	0
20	64QAM	50	50	19.91	19.86	19.92		
20	64QAM	100	0	19.89	19.87	19.90		
20	256QAM	1	0	19.73	19.64	19.66		
20	256QAM	1	49	19.78	19.94	19.87	20.5	0
20	256QAM	1	99	19.79	19.77	19.83		
20	256QAM	50	0	19.82	19.79	19.81		
20	256QAM	50	24	19.88	19.90	19.84	20.5	0
20	256QAM	50	50	19.82	19.75	19.90		
20	256QAM	100	0	19.82	19.77	19.86		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.81	19.68	19.72		
15	QPSK	1	37	19.78	19.97	19.87	20.5	0
15	QPSK	1	74	19.84	19.80	19.78		
15	QPSK	36	0	19.90	19.72	19.81		
15	QPSK	36	20	19.86	19.90	19.93	20.5	0
15	QPSK	36	39	19.82	19.72	19.82		
15	QPSK	75	0	19.84	19.84	19.80		
15	16QAM	1	0	19.73	19.74	19.64		
15	16QAM	1	37	19.83	19.91	19.81	20.5	0
15	16QAM	1	74	19.80	19.72	19.82		
15	16QAM	36	0	19.81	19.77	19.84		
15	16QAM	36	20	19.92	19.72	19.85	20.5	0
15	16QAM	36	39	19.90	19.80	19.87		
15	16QAM	75	0	19.81	19.82	19.88		
15	64QAM	1	0	19.49	19.51	19.45		
15	64QAM	1	37	19.59	19.62	19.74	20.5	0
15	64QAM	1	74	19.63	19.51	19.71		
15	64QAM	36	0	19.86	19.73	19.86		
15	64QAM	36	20	19.85	19.76	19.89	20.5	0
15	64QAM	36	39	19.87	19.74	19.86		
15	64QAM	75	0	19.82	19.82	19.81		
15	256QAM	1	0	19.64	19.61	19.58		
15	256QAM	1	37	19.70	19.88	19.82	20.5	0
15	256QAM	1	74	19.75	19.73	19.75		
15	256QAM	36	0	19.76	19.71	19.75		
15	256QAM	36	20	19.87	19.81	19.78	20.5	0
15	256QAM	36	39	19.81	19.74	19.83		
15	256QAM	75	0	19.82	19.68	19.76		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.79	19.63	19.66		
10	QPSK	1	25	19.88	19.95	19.92	20.5	0
10	QPSK	1	49	19.81	19.77	19.84		
10	QPSK	25	0	19.84	19.70	19.82		
10	QPSK	25	12	19.84	19.84	19.83	20.5	0
10	QPSK	25	25	19.85	19.77	19.86		
10	QPSK	50	0	19.83	19.82	19.82		
10	16QAM	1	0	19.71	19.73	19.64		
10	16QAM	1	25	19.83	19.85	19.83	20.5	0
10	16QAM	1	49	19.79	19.76	19.85		
10	16QAM	25	0	19.86	19.78	19.89		
10	16QAM	25	12	19.93	19.76	19.88	20.5	0
10	16QAM	25	25	19.95	19.82	19.84		
10	16QAM	50	0	19.79	19.78	19.89		
10	64QAM	1	0	19.52	19.51	19.50		
10	64QAM	1	25	19.65	19.65	19.74	20.5	0
10	64QAM	1	49	19.63	19.50	19.69		
10	64QAM	25	0	19.88	19.82	19.88		
10	64QAM	25	12	19.88	19.87	19.87	20.5	0
10	64QAM	25	25	19.89	19.77	19.92		
10	64QAM	50	0	19.84	19.78	19.83		
10	256QAM	1	0	19.69	19.54	19.62		
10	256QAM	1	25	19.74	19.83	19.80	20.5	0
10	256QAM	1	49	19.73	19.75	19.79		
10	256QAM	25	0	19.77	19.76	19.71		
10	256QAM	25	12	19.77	19.85	19.79	20.5	0
10	256QAM	25	25	19.75	19.71	19.87		
10	256QAM	50	0	19.75	19.71	19.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.71	19.66	19.76		
5	QPSK	1	12	19.81	19.87	19.87	20.5	0
5	QPSK	1	24	19.81	19.75	19.78		
5	QPSK	12	0	19.78	19.72	19.79		
5	QPSK	12	7	19.84	19.95	19.84	20.5	0
5	QPSK	12	13	19.87	19.74	19.84		
5	QPSK	25	0	19.84	19.80	19.79		
5	16QAM	1	0	19.73	19.74	19.59		
5	16QAM	1	12	19.81	19.87	19.86	20.5	0
5	16QAM	1	24	19.74	19.74	19.74		
5	16QAM	12	0	19.81	19.82	19.88		
5	16QAM	12	7	19.93	19.72	19.86	20.5	0
5	16QAM	12	13	19.87	19.75	19.83		
5	16QAM	25	0	19.82	19.75	19.84		
5	64QAM	1	0	19.48	19.48	19.48		
5	64QAM	1	12	19.59	19.59	19.71	20.5	0
5	64QAM	1	24	19.56	19.55	19.68		
5	64QAM	12	0	19.82	19.77	19.88		
5	64QAM	12	7	19.86	19.86	19.91	20.5	0
5	64QAM	12	13	19.84	19.77	19.88		
5	64QAM	25	0	19.88	19.79	19.86		
5	256QAM	1	0	19.67	19.61	19.63		
5	256QAM	1	12	19.70	19.89	19.86	20.5	0
5	256QAM	1	24	19.70	19.72	19.80		
5	256QAM	12	0	19.78	19.75	19.74		
5	256QAM	12	7	19.78	19.86	19.76	20.5	0
5	256QAM	12	13	19.77	19.74	19.80		
5	256QAM	25	0	19.71	19.74	19.81		

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BW [MHz]	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	23.52	23.47	23.44		
20	QPSK	1	49	23.64	23.67	23.66	24	0
20	QPSK	1	99	23.59	23.51	23.56		
20	QPSK	50	0	22.55	22.51	22.59		
20	QPSK	50	24	22.59	22.66	22.64	23	1
20	QPSK	50	50	22.53	22.55	22.59		
20	QPSK	100	0	22.44	22.59	22.57		
20	16QAM	1	0	22.50	22.45	22.40		
20	16QAM	1	49	22.67	22.60	22.61	23	1
20	16QAM	1	99	22.56	22.47	22.52		
20	16QAM	50	0	21.56	21.51	21.59		
20	16QAM	50	24	21.68	21.58	21.66	22	2
20	16QAM	50	50	21.62	21.58	21.62		
20	16QAM	100	0	21.58	21.54	21.61		
20	64QAM	1	0	21.24	21.21	21.17		
20	64QAM	1	49	21.37	21.35	21.38	22	2
20	64QAM	1	99	21.28	21.24	21.28		
20	64QAM	50	0	20.51	20.48	20.56		
20	64QAM	50	24	20.61	20.57	20.64	21	3
20	64QAM	50	50	20.60	20.54	20.57		
20	64QAM	100	0	20.56	20.49	20.60		
20	256QAM	1	0	18.03	18.10	18.10		
20	256QAM	1	49	18.10	18.15	18.15	19	5
20	256QAM	1	99	18.03	18.04	18.12		
20	256QAM	50	0	18.03	18.01	18.13		
20	256QAM	50	24	18.07	18.12	18.04	19	5
20	256QAM	50	50	18.08	18.03	18.15		
20	256QAM	100	0	18.04	18.01	18.03		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.46	23.41	23.42		
15	QPSK	1	37	23.62	23.65	23.60	24	0
15	QPSK	1	74	23.57	23.41	23.54		
15	QPSK	36	0	22.46	22.54	22.59		
15	QPSK	36	20	22.57	22.68	22.58	23	1
15	QPSK	36	39	22.57	22.59	22.55		
15	QPSK	75	0	22.47	22.63	22.62		
15	16QAM	1	0	22.44	22.38	22.37		
15	16QAM	1	37	22.61	22.64	22.63	23	1
15	16QAM	1	74	22.53	22.51	22.43		
15	16QAM	36	0	21.57	21.46	21.61		
15	16QAM	36	20	21.62	21.59	21.68	22	2
15	16QAM	36	39	21.58	21.53	21.57		
15	16QAM	75	0	21.54	21.58	21.53		
15	64QAM	1	0	21.23	21.20	21.21		
15	64QAM	1	37	21.33	21.28	21.37	22	2
15	64QAM	1	74	21.29	21.22	21.26		
15	64QAM	36	0	20.41	20.44	20.49		
15	64QAM	36	20	20.56	20.61	20.64	21	3
15	64QAM	36	39	20.53	20.45	20.57		
15	64QAM	75	0	20.46	20.41	20.57		
15	256QAM	1	0	17.95	18.07	18.04		
15	256QAM	1	37	18.10	18.08	18.13	19	5
15	256QAM	1	74	17.94	18.03	18.14		
15	256QAM	36	0	18.06	17.96	18.12		
15	256QAM	36	20	18.11	18.03	18.09	19	5
15	256QAM	36	39	18.09	18.01	18.18		
15	256QAM	75	0	18.07	17.94	18.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.49	23.49	23.45		
10	QPSK	1	25	23.62	23.62	23.58	24	0
10	QPSK	1	49	23.49	23.42	23.54		
10	QPSK	25	0	22.59	22.52	22.50		
10	QPSK	25	12	22.59	22.70	22.54	23	1
10	QPSK	25	25	22.49	22.49	22.59		
10	QPSK	50	0	22.46	22.58	22.62		
10	16QAM	1	0	22.52	22.39	22.33		
10	16QAM	1	25	22.62	22.65	22.63	23	1
10	16QAM	1	49	22.46	22.37	22.49		
10	16QAM	25	0	21.60	21.43	21.63		
10	16QAM	25	12	21.58	21.62	21.60	22	2
10	16QAM	25	25	21.61	21.49	21.63		
10	16QAM	50	0	21.53	21.44	21.66		
10	64QAM	1	0	21.19	21.13	21.13		
10	64QAM	1	25	21.40	21.29	21.31	22	2
10	64QAM	1	49	21.21	21.20	21.29		
10	64QAM	25	0	20.47	20.43	20.52		
10	64QAM	25	12	20.56	20.58	20.59	21	3
10	64QAM	25	25	20.51	20.49	20.50		
10	64QAM	50	0	20.52	20.46	20.64		
10	256QAM	1	0	18.03	18.10	18.11		
10	256QAM	1	25	18.02	18.08	18.12	19	5
10	256QAM	1	49	18.04	17.98	18.05		
10	256QAM	25	0	18.03	17.92	18.04		
10	256QAM	25	12	18.09	18.05	18.07	19	5
10	256QAM	25	25	18.07	18.04	18.09		
10	256QAM	50	0	18.08	17.99	18.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.43	23.46	23.49		
5	QPSK	1	12	23.60	23.65	23.66	24	0
5	QPSK	1	24	23.64	23.43	23.61		
5	QPSK	12	0	22.48	22.45	22.59		
5	QPSK	12	7	22.58	22.64	22.68	23	1
5	QPSK	12	13	22.45	22.45	22.52		
5	QPSK	25	0	22.34	22.64	22.47		
5	16QAM	1	0	22.50	22.48	22.45		
5	16QAM	1	12	22.69	22.55	22.55	23	1
5	16QAM	1	24	22.49	22.46	22.47		
5	16QAM	12	0	21.47	21.48	21.60		
5	16QAM	12	7	21.65	21.57	21.58	22	2
5	16QAM	12	13	21.55	21.56	21.62		
5	16QAM	25	0	21.49	21.57	21.63		
5	64QAM	1	0	21.23	21.21	21.19		
5	64QAM	1	12	21.37	21.28	21.29	22	2
5	64QAM	1	24	21.23	21.24	21.28		
5	64QAM	12	0	20.55	20.48	20.55		
5	64QAM	12	7	20.53	20.48	20.63	21	3
5	64QAM	12	13	20.55	20.56	20.54		
5	64QAM	25	0	20.57	20.47	20.51		
5	256QAM	1	0	17.97	18.07	18.01		
5	256QAM	1	12	18.06	18.05	18.18	19	5
5	256QAM	1	24	17.94	17.95	18.06		
5	256QAM	12	0	17.97	17.98	18.05		
5	256QAM	12	7	18.12	18.10	17.94	19	5
5	256QAM	12	13	18.04	17.98	18.05		
5	256QAM	25	0	17.99	17.92	18.01		

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BW [MHz]	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	18.17	18.13	18.04		
20	QPSK	1	49	18.30	18.43	18.20	19	0
20	QPSK	1	99	18.16	18.08	18.09		
20	QPSK	50	0	18.31	18.28	18.22		
20	QPSK	50	24	18.35	18.37	18.31	19	0
20	QPSK	50	50	18.33	18.23	18.22		
20	QPSK	100	0	18.33	18.34	18.28		
20	16QAM	1	0	18.37	18.32	18.20		
20	16QAM	1	49	18.41	18.42	18.33	19	0
20	16QAM	1	99	18.39	18.25	18.30		
20	16QAM	50	0	18.35	18.27	18.27		
20	16QAM	50	24	18.40	18.28	18.33	19	0
20	16QAM	50	50	18.35	18.27	18.28		
20	16QAM	100	0	18.32	18.27	18.23		
20	64QAM	1	0	18.27	18.13	18.06		
20	64QAM	1	49	18.36	18.26	18.23	19	0
20	64QAM	1	99	18.24	18.11	18.10		
20	64QAM	50	0	18.35	18.31	18.28		
20	64QAM	50	24	18.38	18.33	18.35	19	0
20	64QAM	50	50	18.37	18.26	18.26		
20	64QAM	100	0	18.32	18.23	18.26		
20	256QAM	1	0	18.16	18.05	17.95		
20	256QAM	1	49	18.28	18.35	18.13	19	0
20	256QAM	1	99	18.06	17.97	18.08		
20	256QAM	50	0	18.22	18.26	18.14		
20	256QAM	50	24	18.33	18.35	18.21	19	0
20	256QAM	50	50	18.34	18.20	18.12		
20	256QAM	100	0	18.33	18.28	18.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.05	18.04	17.96		
15	QPSK	1	37	18.25	18.40	18.15	19	0
15	QPSK	1	74	18.15	18.02	17.98		
15	QPSK	36	0	18.28	18.21	18.20		
15	QPSK	36	20	18.27	18.31	18.23	19	0
15	QPSK	36	39	18.30	18.18	18.18		
15	QPSK	75	0	18.27	18.35	18.19		
15	16QAM	1	0	18.27	18.28	18.15		
15	16QAM	1	37	18.33	18.36	18.30	19	0
15	16QAM	1	74	18.30	18.18	18.25		
15	16QAM	36	0	18.30	18.27	18.19		
15	16QAM	36	20	18.33	18.17	18.32	19	0
15	16QAM	36	39	18.28	18.16	18.22		
15	16QAM	75	0	18.30	18.20	18.12		
15	64QAM	1	0	18.26	18.08	18.01		
15	64QAM	1	37	18.25	18.22	18.16	19	0
15	64QAM	1	74	18.16	18.08	18.05		
15	64QAM	36	0	18.32	18.26	18.22		
15	64QAM	36	20	18.32	18.28	18.29	19	0
15	64QAM	36	39	18.32	18.16	18.19		
15	64QAM	75	0	18.22	18.14	18.24		
15	256QAM	1	0	18.11	17.95	17.89		
15	256QAM	1	37	18.21	18.33	18.10	19	0
15	256QAM	1	74	17.99	17.94	17.99		
15	256QAM	36	0	18.18	18.21	18.02		
15	256QAM	36	20	18.27	18.34	18.15	19	0
15	256QAM	36	39	18.28	18.15	18.07		
15	256QAM	75	0	18.29	18.19	18.18		
Channel				37900	38000	38100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.10	18.07	17.94		
10	QPSK	1	25	18.25	18.37	18.16	19	0
10	QPSK	1	49	18.14	18.02	18.07		
10	QPSK	25	0	18.28	18.20	18.18		
10	QPSK	25	12	18.24	18.31	18.25	19	0
10	QPSK	25	25	18.23	18.15	18.19		
10	QPSK	50	0	18.27	18.28	18.21		
10	16QAM	1	0	18.26	18.25	18.10		
10	16QAM	1	25	18.32	18.39	18.29	19	0
10	16QAM	1	49	18.35	18.24	18.25		
10	16QAM	25	0	18.31	18.20	18.25		
10	16QAM	25	12	18.33	18.22	18.26	19	0
10	16QAM	25	25	18.27	18.22	18.22		
10	16QAM	50	0	18.22	18.21	18.15		
10	64QAM	1	0	18.21	18.11	17.98		
10	64QAM	1	25	18.33	18.20	18.23	19	0
10	64QAM	1	49	18.21	18.07	18.07		
10	64QAM	25	0	18.28	18.23	18.25		
10	64QAM	25	12	18.34	18.26	18.33	19	0
10	64QAM	25	25	18.34	18.20	18.22		
10	64QAM	50	0	18.22	18.12	18.20		
10	256QAM	1	0	18.13	17.99	17.90		
10	256QAM	1	25	18.24	18.32	18.11	19	0
10	256QAM	1	49	18.03	17.91	18.03		
10	256QAM	25	0	18.10	18.22	18.05		
10	256QAM	25	12	18.29	18.36	18.11	19	0
10	256QAM	25	25	18.24	18.16	18.09		
10	256QAM	50	0	18.21	18.17	18.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.12	18.07	17.99		
5	QPSK	1	12	18.25	18.39	18.15	19	0
5	QPSK	1	24	18.16	18.01	18.09		
5	QPSK	12	0	18.25	18.27	18.15		
5	QPSK	12	7	18.28	18.34	18.20	19	0
5	QPSK	12	13	18.31	18.22	18.18		
5	QPSK	25	0	18.30	18.27	18.23		
5	16QAM	1	0	18.30	18.24	18.17		
5	16QAM	1	12	18.41	18.35	18.33	19	0
5	16QAM	1	24	18.34	18.23	18.23		
5	16QAM	12	0	18.29	18.15	18.21		
5	16QAM	12	7	18.33	18.19	18.28	19	0
5	16QAM	12	13	18.30	18.23	18.18		
5	16QAM	25	0	18.26	18.20	18.15		
5	64QAM	1	0	18.16	18.01	18.02		
5	64QAM	1	12	18.30	18.25	18.17	19	0
5	64QAM	1	24	18.15	18.08	18.06		
5	64QAM	12	0	18.26	18.20	18.19		
5	64QAM	12	7	18.30	18.31	18.31	19	0
5	64QAM	12	13	18.26	18.22	18.25		
5	64QAM	25	0	18.26	18.16	18.17		
5	256QAM	1	0	18.08	18.00	17.88		
5	256QAM	1	12	18.19	18.29	18.03	19	0
5	256QAM	1	24	17.99	17.95	17.96		
5	256QAM	12	0	18.14	18.16	18.07		
5	256QAM	12	7	18.34	18.26	18.15	19	0
5	256QAM	12	13	18.24	18.13	18.12		
5	256QAM	25	0	18.30	18.26	18.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.55	20.25	20.45	20.17	20.41		
20	QPSK	1	49	20.58	20.44	20.66	20.29	20.43	21.5	0
20	QPSK	1	99	20.49	20.41	20.44	20.22	20.21		
20	QPSK	50	0	19.51	19.36	19.55	19.23	19.41		
20	QPSK	50	24	19.56	19.45	19.63	19.27	19.40	20.5	1
20	QPSK	50	50	19.55	19.42	19.54	19.22	19.27		
20	QPSK	100	0	19.55	19.42	19.57	19.20	19.35		
20	16QAM	1	0	19.51	19.23	19.42	19.22	19.37		
20	16QAM	1	49	19.63	19.43	19.55	19.31	19.41	20.5	1
20	16QAM	1	99	19.45	19.41	19.42	19.21	19.16		
20	16QAM	50	0	18.51	18.38	18.57	18.24	18.47		
20	16QAM	50	24	18.62	18.43	18.59	18.28	18.39	19.5	2
20	16QAM	50	50	18.61	18.47	18.55	18.21	18.25		
20	16QAM	100	0	18.55	18.41	18.53	18.19	18.36		
20	64QAM	1	0	18.22	17.96	18.16	17.92	18.09		
20	64QAM	1	49	18.36	18.15	18.30	18.00	18.11	19.5	2
20	64QAM	1	99	18.17	18.12	18.13	17.95	17.93		
20	64QAM	50	0	17.47	17.36	17.52	17.20	17.43		
20	64QAM	50	24	17.58	17.38	17.55	17.22	17.37	18.5	3
20	64QAM	50	50	17.58	17.41	17.51	17.18	17.22		
20	64QAM	100	0	17.52	17.38	17.50	17.17	17.32		
20	256QAM	1	0	15.18	15.20	15.22	15.18	15.24		
20	256QAM	1	49	15.12	15.20	15.19	15.15	15.13	16.5	5
20	256QAM	1	99	15.25	15.14	15.13	15.25	15.24		
20	256QAM	50	0	15.25	15.15	15.23	15.12	15.18		
20	256QAM	50	24	15.19	15.16	15.19	15.14	15.13	16.5	5
20	256QAM	50	50	15.21	15.17	15.21	15.23	15.24		
20	256QAM	100	0	15.15	15.19	15.23	15.21	15.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.50	20.09	20.43	20.17	20.46		
15	QPSK	1	37	20.58	20.33	20.57	20.27	20.45	21.5	0
15	QPSK	1	74	20.48	20.15	20.46	20.21	20.20		
15	QPSK	36	0	19.51	19.24	19.46	19.22	19.45		
15	QPSK	36	20	19.56	19.31	19.55	19.32	19.49	20.5	1
15	QPSK	36	39	19.52	19.19	19.44	19.22	19.20		
15	QPSK	75	0	19.62	19.21	19.62	19.13	19.25		
15	16QAM	1	0	19.36	19.18	19.45	19.20	19.36		
15	16QAM	1	37	19.60	19.23	19.54	19.24	19.34	20.5	1
15	16QAM	1	74	19.39	19.13	19.46	19.26	19.14		
15	16QAM	36	0	18.52	18.17	18.60	18.21	18.48		
15	16QAM	36	20	18.52	18.26	18.51	18.24	18.36	19.5	2
15	16QAM	36	39	18.57	18.14	18.45	18.26	18.17		
15	16QAM	75	0	18.46	18.18	18.48	18.11	18.27		
15	64QAM	1	0	18.16	17.83	18.10	17.97	18.03		
15	64QAM	1	37	18.27	17.91	18.32	18.03	18.11	19.5	2
15	64QAM	1	74	18.06	17.90	18.12	17.89	17.84		
15	64QAM	36	0	17.53	17.15	17.46	17.21	17.38		
15	64QAM	36	20	17.59	17.20	17.49	17.13	17.33	18.5	3
15	64QAM	36	39	17.42	17.21	17.56	17.13	17.14		
15	64QAM	75	0	17.43	17.10	17.45	17.14	17.37		
15	256QAM	1	0	15.20	15.20	15.20	15.15	15.27		
15	256QAM	1	37	15.11	15.14	15.24	15.15	15.03	16.5	5
15	256QAM	1	74	15.15	15.27	15.08	15.17	15.21		
15	256QAM	36	0	15.22	15.10	15.22	15.02	15.12		
15	256QAM	36	20	15.24	15.15	15.20	15.04	15.09	16.5	5
15	256QAM	36	39	15.11	15.26	15.15	15.14	15.14		
15	256QAM	75	0	15.22	15.22	15.13	15.20	15.10		
Channel				39700	40162	40620	41083	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.49	20.20	20.40	20.17	20.38		
10	QPSK	1	25	20.57	20.24	20.64	20.31	20.41	21.5	0
10	QPSK	1	49	20.40	20.17	20.44	20.20	20.20		
10	QPSK	25	0	19.51	19.16	19.46	19.18	19.44		
10	QPSK	25	12	19.53	19.18	19.53	19.24	19.53	20.5	1
10	QPSK	25	25	19.52	19.25	19.45	19.12	19.28		
10	QPSK	50	0	19.52	19.18	19.55	19.25	19.32		
10	16QAM	1	0	19.36	19.24	19.40	19.19	19.38		
10	16QAM	1	25	19.46	19.27	19.46	19.36	19.34	20.5	1
10	16QAM	1	49	19.45	19.24	19.35	19.21	19.14		
10	16QAM	25	0	18.59	18.20	18.62	18.17	18.52		
10	16QAM	25	12	18.58	18.29	18.61	18.26	18.30	19.5	2
10	16QAM	25	25	18.56	18.13	18.49	18.23	18.23		
10	16QAM	50	0	18.55	18.22	18.53	18.15	18.32		
10	64QAM	1	0	18.08	17.82	18.11	17.85	18.01		
10	64QAM	1	25	18.29	18.03	18.24	18.00	18.13	19.5	2
10	64QAM	1	49	18.10	17.88	18.14	17.93	17.91		
10	64QAM	25	0	17.47	17.12	17.43	17.11	17.46		
10	64QAM	25	12	17.51	17.26	17.50	17.13	17.38	18.5	3
10	64QAM	25	25	17.49	17.15	17.43	17.13	17.25		
10	64QAM	50	0	17.50	17.16	17.54	17.14	17.32		
10	256QAM	1	0	15.26	15.19	15.18	15.22	15.29		
10	256QAM	1	25	15.11	15.05	15.21	15.17	15.03	16.5	5
10	256QAM	1	49	15.06	15.28	15.05	15.26	15.24		
10	256QAM	25	0	15.19	15.14	15.27	15.06	15.23		
10	256QAM	25	12	15.12	15.18	15.15	15.13	15.06	16.5	5
10	256QAM	25	25	15.15	15.23	15.21	15.28	15.19		
10	256QAM	50	0	15.16	15.11	15.27	15.15	15.13		
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	20.48	20.09	20.36	20.21	20.37		
5	QPSK	1	12	20.56	20.28	20.35	20.23	20.38	21.5	0
5	QPSK	1	24	20.48	20.26	20.20	20.22	20.26		
5	QPSK	12	0	19.51	19.28	19.35	19.20	19.39		
5	QPSK	12	7	19.59	19.24	19.53	19.29	19.49	20.5	1
5	QPSK	12	13	19.52	19.18	19.25	19.12	19.28		
5	QPSK	25	0	19.49	19.15	19.26	19.19	19.25		
5	16QAM	1	0	19.40	19.16	19.33	19.16	19.28		
5	16QAM	1	12	19.53	19.35	19.45	19.34	19.33	20.5	1
5	16QAM	1	24	19.38	19.12	19.10	19.11	19.12		
5	16QAM	12	0	18.52	18.25	18.39	18.15	18.49		
5	16QAM	12	7	18.61	18.30	18.34	18.22	18.41	19.5	2
5	16QAM	12	13	18.54	18.11	18.19	18.26	18.27		
5	16QAM	25	0	18.44	18.21	18.36	18.11	18.37		
5	64QAM	1	0	18.09	17.93	18.05	17.84	18.06		
5	64QAM	1	12	18.33	17.94	18.11	18.02	18.12	19.5	2
5	64QAM	1	24	18.11	18.00	17.96	17.91	17.98		
5	64QAM	12	0	17.42	17.15	17.34	17.25	17.38		
5	64QAM	12	7	17.45	17.24	17.31	17.27	17.33	18.5	3
5	64QAM	12	13	17.51	17.21	17.17	17.16	17.24		
5	64QAM	25	0	17.46	17.07	17.31	17.09	17.33		
5	256QAM	1	0	15.17	15.20	15.15	15.23	15.24		
5	256QAM	1	12	15.21	15.11	15.16	15.10	15.06	16.5	5
5	256QAM	1	24	15.18	15.23	15.25	15.18	15.27		
5	256QAM	12	0	15.26	15.12	15.08	15.14	15.18		
5	256QAM	12	7	15.18	15.14	15.08	15.16	15.04	16.5	5
5	256QAM	12	13	15.12	15.21	15.22	15.24	15.23		
5	256QAM	25	0	15.24	15.25	15.17	15.25	15.09		

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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	18.53	18.50	18.78	18.54	18.70		
20	QPSK	1	49	18.70	18.61	18.99	18.73	18.93	19.5	0
20	QPSK	1	99	18.54	18.56	18.60	18.57	18.82		
20	QPSK	50	0	18.59	18.53	18.82	18.65	18.84		
20	QPSK	50	24	18.67	18.63	18.95	18.73	18.94	19.5	0
20	QPSK	50	50	18.64	18.61	18.71	18.60	18.86		
20	QPSK	100	0	18.62	18.60	18.85	18.63	18.84		
20	16QAM	1	0	18.66	18.46	18.85	18.60	18.77		
20	16QAM	1	49	18.85	18.61	18.90	18.76	18.96	19.5	0
20	16QAM	1	99	18.60	18.64	18.60	18.61	18.82		
20	16QAM	50	0	18.59	18.51	18.97	18.74	18.83		
20	16QAM	50	24	18.71	18.59	18.94	18.70	18.95	19.5	0
20	16QAM	50	50	18.71	18.63	18.74	18.68	18.91		
20	16QAM	100	0	18.70	18.53	18.88	18.66	18.86		
20	64QAM	1	0	18.29	18.37	18.60	18.32	18.53		
20	64QAM	1	49	18.43	18.39	18.65	18.48	18.68	19.5	0
20	64QAM	1	99	18.26	18.43	18.35	18.34	18.58		
20	64QAM	50	0	18.57	18.55	18.97	18.68	18.88		
20	64QAM	50	24	18.62	18.57	18.86	18.70	18.92	19.5	0
20	64QAM	50	50	18.71	18.63	18.75	18.64	18.87		
20	64QAM	100	0	18.61	18.60	18.87	18.66	18.85		
20	256QAM	1	0	18.46	18.51	18.72	18.47	18.65		
20	256QAM	1	49	18.66	18.61	18.92	18.67	18.88	19.5	0
20	256QAM	1	99	18.46	18.57	18.50	18.49	18.75		
20	256QAM	50	0	18.57	18.49	18.74	18.56	18.75		
20	256QAM	50	24	18.59	18.54	18.87	18.68	18.91	19.5	0
20	256QAM	50	50	18.55	18.60	18.64	18.53	18.82		
20	256QAM	100	0	18.57	18.56	18.82	18.54	18.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.47	18.48	18.75	18.50	18.63		
15	QPSK	1	37	18.60	18.54	18.88	18.68	18.86	19.5	0
15	QPSK	1	74	18.49	18.54	18.50	18.47	18.77		
15	QPSK	36	0	18.54	18.47	18.82	18.59	18.80		
15	QPSK	36	20	18.60	18.56	18.89	18.68	18.86	19.5	0
15	QPSK	36	39	18.60	18.59	18.67	18.55	18.82		
15	QPSK	75	0	18.60	18.58	18.78	18.62	18.81		
15	16QAM	1	0	18.55	18.41	18.75	18.55	18.71		
15	16QAM	1	37	18.79	18.53	18.85	18.71	18.85	19.5	0
15	16QAM	1	74	18.55	18.58	18.50	18.54	18.79		
15	16QAM	36	0	18.51	18.46	18.86	18.66	18.72		
15	16QAM	36	20	18.67	18.60	18.89	18.59	18.92	19.5	0
15	16QAM	36	39	18.63	18.58	18.68	18.67	18.86		
15	16QAM	75	0	18.61	18.47	18.86	18.61	18.78		
15	64QAM	1	0	18.19	18.37	18.50	18.28	18.47		
15	64QAM	1	37	18.36	18.33	18.56	18.41	18.56	19.5	0
15	64QAM	1	74	18.17	18.35	18.28	18.32	18.57		
15	64QAM	36	0	18.52	18.47	18.91	18.64	18.85		
15	64QAM	36	20	18.60	18.49	18.83	18.64	18.88	19.5	0
15	64QAM	36	39	18.70	18.54	18.72	18.58	18.86		
15	64QAM	75	0	18.53	18.49	18.75	18.55	18.78		
15	256QAM	1	0	18.41	18.50	18.68	18.43	18.56		
15	256QAM	1	37	18.54	18.51	18.89	18.65	18.81	19.5	0
15	256QAM	1	74	18.44	18.55	18.49	18.46	18.69		
15	256QAM	36	0	18.52	18.44	18.73	18.51	18.71		
15	256QAM	36	20	18.53	18.50	18.81	18.60	18.87	19.5	0
15	256QAM	36	39	18.53	18.49	18.59	18.48	18.80		
15	256QAM	75	0	18.52	18.52	18.83	18.45	18.75		
Channel				39700	40162	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.50	18.47	18.76	18.52	18.63		
10	QPSK	1	25	18.71	18.60	18.91	18.68	18.90	19.5	0
10	QPSK	1	49	18.47	18.51	18.58	18.51	18.70		
10	QPSK	25	0	18.59	18.53	18.75	18.64	18.79		
10	QPSK	25	12	18.61	18.53	18.87	18.67	18.91	19.5	0
10	QPSK	25	25	18.53	18.59	18.65	18.56	18.83		
10	QPSK	50	0	18.53	18.54	18.77	18.58	18.82		
10	16QAM	1	0	18.62	18.44	18.76	18.52	18.69		
10	16QAM	1	25	18.74	18.56	18.87	18.73	18.90	19.5	0
10	16QAM	1	49	18.58	18.65	18.55	18.53	18.80		
10	16QAM	25	0	18.51	18.46	18.95	18.72	18.82		
10	16QAM	25	12	18.68	18.56	18.86	18.64	18.84	19.5	0
10	16QAM	25	25	18.67	18.59	18.71	18.62	18.83		
10	16QAM	50	0	18.67	18.50	18.87	18.54	18.76		
10	64QAM	1	0	18.24	18.33	18.51	18.23	18.47		
10	64QAM	1	25	18.38	18.32	18.58	18

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.36	23.22	23.50	23.26	23.50	24	0
20	QPSK	1	49	23.47	23.37	23.68	23.42	23.55		
20	QPSK	1	99	23.35	23.34	23.57	23.26	23.26		
20	QPSK	50	0	22.35	22.27	22.61	22.36	22.53	23	1
20	QPSK	50	24	22.46	22.36	22.66	22.41	22.57		
20	QPSK	50	50	22.42	22.32	22.65	22.30	22.38		
20	QPSK	100	0	22.40	22.33	22.61	22.31	22.47		
20	16QAM	1	0	22.36	22.09	22.48	22.22	22.50	23	1
20	16QAM	1	49	22.50	22.34	22.54	22.39	22.51		
20	16QAM	1	99	22.32	22.37	22.50	22.21	22.21		
20	16QAM	50	0	21.34	21.26	21.59	21.38	21.58	22	2
20	16QAM	50	24	21.43	21.34	21.65	21.40	21.53		
20	16QAM	50	50	21.46	21.36	21.67	21.32	21.37		
20	16QAM	100	0	21.40	21.31	21.62	21.32	21.47		
20	64QAM	1	0	21.08	20.81	21.20	20.98	21.21	22	2
20	64QAM	1	49	21.17	21.06	21.31	21.11	21.25		
20	64QAM	1	99	21.03	21.05	21.26	20.92	20.97		
20	64QAM	50	0	20.32	20.24	20.57	20.36	20.56	21	3
20	64QAM	50	24	20.42	20.27	20.62	20.36	20.52		
20	64QAM	50	50	20.42	20.32	20.62	20.28	20.35		
20	64QAM	100	0	20.36	20.29	20.60	20.28	20.46		
20	256QAM	1	0	18.03	18.16	18.11	18.12	18.03	19	5
20	256QAM	1	49	17.91	18.02	18.01	17.91	17.95		
20	256QAM	1	99	18.00	17.94	18.01	18.02	18.05	19	5
20	256QAM	50	0	18.11	18.09	18.09	18.07	18.03		
20	256QAM	50	24	18.06	18.14	18.16	18.07	18.13		
20	256QAM	50	50	18.09	18.10	18.15	18.18	18.14		
20	256QAM	100	0	18.06	18.02	18.07	18.04	18.09		
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	23.44	23.18	23.45	23.28	23.42	24	0
15	QPSK	1	37	23.63	23.41	23.65	23.34	23.49		
15	QPSK	1	74	23.55	23.29	23.62	23.26	23.25		
15	QPSK	36	0	22.55	22.29	22.54	22.38	22.51	23	1
15	QPSK	36	20	22.60	22.42	22.59	22.34	22.54		
15	QPSK	36	39	22.57	22.35	22.66	22.30	22.40		
15	QPSK	75	0	22.62	22.25	22.52	22.31	22.42		
15	16QAM	1	0	22.47	22.18	22.43	22.24	22.42	23	1
15	16QAM	1	37	22.62	22.41	22.54	22.39	22.41		
15	16QAM	1	74	22.55	22.18	22.45	22.13	22.25		
15	16QAM	36	0	21.56	21.28	21.60	21.33	21.52	22	2
15	16QAM	36	20	21.56	21.31	21.55	21.33	21.48		
15	16QAM	36	39	21.57	21.37	21.65	21.27	21.39		
15	16QAM	75	0	21.53	21.22	21.54	21.35	21.45		
15	64QAM	1	0	21.10	20.91	21.24	20.96	21.19	22	2
15	64QAM	1	37	21.34	21.16	21.37	21.04	21.24		
15	64QAM	1	74	21.23	20.90	21.23	20.93	20.97		
15	64QAM	36	0	20.59	20.29	20.51	20.32	20.47	21	3
15	64QAM	36	20	20.54	20.28	20.64	20.32	20.44		
15	64QAM	36	39	20.55	20.20	20.66	20.19	20.39		
15	64QAM	75	0	20.50	20.26	20.57	20.21	20.44		
15	256QAM	1	0	18.15	18.07	18.09	18.14	17.94	19	5
15	256QAM	1	37	18.04	17.86	17.94	17.83	17.91		
15	256QAM	1	74	17.94	17.94	17.92	18.07	17.97		
15	256QAM	36	0	18.05	18.12	18.07	18.06	18.08	19	5
15	256QAM	36	20	18.11	18.11	18.14	18.03	18.11		
15	256QAM	36	39	18.11	18.18	18.09	18.11	18.09		
15	256QAM	75	0	18.07	17.97	18.09	18.07	18.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.20	23.45	23.41	23.52	24	0
10	QPSK	1	25	23.64	23.33	23.45	23.55	23.58		
10	QPSK	1	49	23.60	23.27	23.30	23.22	23.30		
10	QPSK	25	0	22.59	22.33	22.50	22.49	22.57	23	1
10	QPSK	25	12	22.57	22.46	22.49	22.50	22.57		
10	QPSK	25	25	22.69	22.21	22.29	22.37	22.39		
10	QPSK	50	0	22.52	22.30	22.50	22.44	22.41		
10	16QAM	1	0	22.52	22.20	22.42	22.44	22.51	23	1
10	16QAM	1	25	22.56	22.41	22.45	22.54	22.43		
10	16QAM	1	49	22.54	22.14	22.20	22.21	22.25		
10	16QAM	25	0	21.56	21.29	21.54	21.59	21.50	22	2
10	16QAM	25	12	21.65	21.46	21.54	21.57	21.45		
10	16QAM	25	25	21.71	21.35	21.30	21.27	21.33		
10	16QAM	50	0	21.65	21.23	21.44	21.47	21.46		
10	64QAM	1	0	21.14	20.88	21.18	21.24	21.19	22	2
10	64QAM	1	25	21.26	21.11	21.26	21.23	21.25		
10	64QAM	1	49	21.16	20.85	20.90	20.97	20.94		
10	64QAM	25	0	20.59	20.27	20.57	20.53	20.49	21	3
10	64QAM	25	12	20.54	20.41	20.56	20.56	20.55		
10	64QAM	25	25	20.66	20.28	20.52	20.35	20.40		
10	64QAM	50	0	20.64	20.27	20.48	20.47	20.46		
10	256QAM	1	0	18.05	18.03	17.96	18.02	18.05	19	5
10	256QAM	1	25	17.96	17.95	17.90	18.00	17.98		
10	256QAM	1	49	18.05	18.06	18.04	17.99	17.98		
10	256QAM	25	0	18.12	18.03	17.97	18.03	18.08	19	5
10	256QAM	25	12	18.08	18.03	18.08	18.16	18.07		
10	256QAM	25	25	18.18	18.10	18.04	18.06	18.14		
10	256QAM	50	0	17.99	18.03	18.00	18.00	18.04		
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	23.47	23.20	23.45	23.30	23.44	24	0
5	QPSK	1	12	23.66	23.39	23.46	23.43	23.53		
5	QPSK	1	24	23.48	23.31	23.23	23.30	23.31		
5	QPSK	12	0	22.62	22.32	22.55	22.33	22.43	23	1
5	QPSK	12	7	22.68	22.32	22.49	22.38	22.57		
5	QPSK	12	13	22.58	22.29	22.37	22.29	22.41		
5	QPSK	25	0	22.64	22.22	22.42	22.22	22.37		
5	16QAM	1	0	22.45	22.13	22.41	22.12	22.52	23	1
5	16QAM	1	12	22.45	22.35	22.41	22.36	22.49		
5	16QAM	1	24	22.45	22.21	22.26	22.20	22.13		
5	16QAM	12	0	21.52	21.29	21.59	21.36	21.52	22	2
5	16QAM	12	7	21.58	21.36	21.51	21.34	21.52		
5	16QAM	12	13	21.66	21.22	21.31	21.25	21.40		
5	16QAM	25	0	21.63	21.22	21.50	21.31	21.41		
5	64QAM	1	0	21.16	21.03	21.17	21.00	21.20	22	2
5	64QAM	1	12	21.30	21.16	21.17	21.13	21.28		
5	64QAM	1	24	21.20	20.92	20.91	20.97	20.89		
5	64QAM	12	0	20.51	20.29	20.50	20.41	20.55	21	3
5	64QAM	12	7	20.52	20.26	20.50	20.26	20.51		
5	64QAM	12	13	20.57	20.32	20.25	20.27	20.28		
5	64QAM	25	0	20.55	20.18	20.42	20.29	20.45		
5	256QAM	1	0	18.11	18.11	18.07	18.08	18.06	19	5
5	256QAM	1	12	17.91	17.89	17.95	17.96	17.99		
5	256QAM	1	24	18.06	18.02	17.99	18.00	18.07		
5	256QAM	12	0	18.10	18.11	18.03	18.01	18.04	19	5
5	256QAM	12	7	18.07	18.06	18.07	18.08	18.09		
5	256QAM	12	13	18.20	18.22	18.04	18.21	18.04		
5	256QAM	25	0	18.03	18.02	18.10	18.03	18.06		

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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	18.20	18.22	18.32	18.20	18.31	19	0
20	QPSK	1	49	18.31	18.32	18.67	18.22	18.33		
20	QPSK	1	99	18.20	18.28	18.28	18.19	18.21		
20	QPSK	50	0	18.30	18.27	18.55	18.16	18.44	19	0
20	QPSK	50	24	18.46	18.41	18.61	18.22	18.45		
20	QPSK	50	50	18.43	18.36	18.57	18.18	18.23		
20	QPSK	100	0	18.42	18.36	18.50	18.14	18.30		
20	16QAM	1	0	18.50	18.27	18.57	18.20	18.40	19	0
20	16QAM	1	49	18.59	18.54	18.67	18.36	18.41		
20	16QAM	1	99	18.46	18.53	18.50	18.23	18.17		
20	16QAM	50	0	18.33	18.34	18.54	18.15	18.48	19	0
20	16QAM	50	24	18.50	18.33	18.64	18.26	18.39		
20	16QAM	50	50	18.45	18.43	18.54	18.22	18.29		
20	16QAM	100	0	18.43	18.38	18.57	18.20	18.34		
20	64QAM	1	0	18.31	18.17	18.37	18.04	18.23	19	0
20	64QAM	1	49	18.43	18.38	18.52	18.19	18.24		
20	64QAM	1	99	18.29	18.39	18.36	18.16	18.15		
20	64QAM	50	0	18.31	18.34	18.55	18.16	18.45	19	0
20	64QAM	50	24	18.48	18.41	18.57	18.17	18.39		
20	64QAM	50	50	18.45	18.38	18.54	18.19	18.25		
20	64QAM	100	0	18.35	18.34	18.54	18.18	18.34		
20	256QAM	1	0	18.20	18.23	18.26	18.23	18.27	19	0
20	256QAM	1	49	18.23	18.30	18.62	18.25	18.29		
20	256QAM	1	99	18.18	18.22	18.24	18.18	18.21	19	0
20	256QAM	50	0	18.21	18.19	18.50	18.17	18.43		
20	256QAM	50	24	18.37	18.39	18.59	18.21	18.36		
20	256QAM	50	50	18.36	18.27	18.58	18.12	18.16		
20	256QAM	100	0	18.40	18.27	18.38	18.13	18.30		
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	18.13	18.17	18.24	18.20	18.24	19	0
15	QPSK	1	37	18.27	18.24	18.56	18.17	18.22		
15	QPSK	1	74	18.21	18.29	18.22	18.07	18.16		
15	QPSK	36	0	18.27	18.16	18.54	18.13	18.39	19	0
15	QPSK	36	20	18.38	18.36	18.55	18.13	18.39		
15	QPSK	36	39	18.37	18.28	18.54	18.12	18.23		
15	QPSK	75	0	18.37	18.27	18.43	18.07	18.30		
15	16QAM	1	0	18.47	18.23	18.53	18.17	18.35	19	0
15	16QAM	1	37	18.50	18.48	18.65	18.33	18.39		
15	16QAM	1	74	18.34	18.48	18.49	18.18	18.16		
15	16QAM	36	0	18.33	18.26	18.55	18.14	18.42	19	0
15	16QAM	36	20	18.49	18.28	18.54	18.25	18.32		
15	16QAM	36	39	18.38	18.40	18.44	18.21	18.19		
15	16QAM	75	0	18.36	18.33	18.54	18.11	18.33		
15	64QAM	1	0	18.23	18.12	18.36	18.00	18.16	19	0
15	64QAM	1	37	18.37	18.35	18.47	18.11	18.18		
15	64QAM	1	74	18.27	18.38	18.30	18.06	18.15		
15	64QAM	36	0	18.29	18.28	18.52	18.11	18.39	19	0
15	64QAM	36	20	18.44	18.38	18.58	18.14	18.30		
15	64QAM	36	39	18.39	18.39	18.52	18.13	18.16		
15	64QAM	75	0	18.30	18.32	18.49	18.09	18.27		
15	256QAM	1	0	18.15	18.21	18.25	18.18	18.21	19	0
15	256QAM	1	37	18.13	18.25	18.55	18.17	18.26		
15	256QAM	1	74	18.19	18.17	18.21	18.16	18.14		
15	256QAM	36	0	18.11	18.15	18.42	18.11	18.37	19	0
15	256QAM	36	20	18.36	18.33	18.53	18.19	18.31		
15	256QAM	36	39	18.26	18.26	18.50	18.09	18.09		
15	256QAM	75	0	18.34	18.26	18.36	18.08	18.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.12	18.20	18.26	18.18	18.29	19	0
10	QPSK	1	25	18.25	18.26	18.61	18.18	18.34		
10	QPSK	1	49	18.12	18.24	18.24	18.16	18.13		
10	QPSK	25	0	18.27	18.20	18.45	18.12	18.39	19	0
10	QPSK	25	12	18.41	18.37	18.50	18.16	18.43		
10	QPSK	25	25	18.39	18.34	18.50	18.08	18.16		
10	QPSK	50	0	18.34	18.30	18.46	18.11	18.26	19	0
10	16QAM	1	0	18.39	18.15	18.52	18.12	18.29		
10	16QAM	1	25	18.51	18.49	18.61	18.31	18.35		
10	16QAM	1	49	18.41	18.53	18.48	18.19	18.12		
10	16QAM	25	0	18.25	18.30	18.48	18.08	18.43	19	0
10	16QAM	25	12	18.51	18.27	18.54	18.23	18.32		
10	16QAM	25	25	18.40	18.40	18.44	18.21	18.28		
10	16QAM	50	0	18.37	18.28	18.55	18.15	18.31	19	0
10	64QAM	1	0	18.29	18.09	18.30	18.01	18.23		
10	64QAM	1	25	18.32	18.30	18.44	18.14	18.23		
10	64QAM	1	49	18.27	18.33	18.30	18.11	18.14		
10	64QAM	25	0	18.27	18.29	18.53	18.10	18.39	19	0
10	64QAM	25	12	18.45	18.36	18.52	18.10	18.32		
10	64QAM	25	25	18.38	18.28	18.47	18.16	18.20		
10	64QAM	50	0	18.34	18.31	18.49	18.16	18.32	19	0
10	256QAM	1	0	18.14	18.17	18.24	18.16	18.17		
10	256QAM	1	25	18.18	18.23	18.55	18.19	18.27		
10	256QAM	1	49	18.11	18.22	18.23	18.13	18.13		
10	256QAM	25	0	18.16	18.09	18.43	18.13	18.33	19	0
10	256QAM	25	12	18.32	18.33	18.53	18.11	18.29		
10	256QAM	25	25	18.28	18.16	18.52	18.07	18.15		
10	256QAM	50	0	18.30	18.18	18.30	18.10	18.26		
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	18.21	18.13	18.30	18.16	18.25	19	0
5	QPSK	1	12	18.31	18.30	18.62	18.13	18.29		
5	QPSK	1	24	18.15	18.22	18.19	18.18	18.21		
5	QPSK	12	0	18.27	18.23	18.45	18.10	18.43	19	0
5	QPSK	12	7	18.42	18.39	18.56	18.17	18.39		
5	QPSK	12	13	18.33	18.35	18.53	18.11	18.20		
5	QPSK	25	0	18.35	18.32	18.49	18.12	18.26		
5	16QAM	1	0	18.42	18.26	18.51	18.16	18.28	19	0
5	16QAM	1	12	18.54	18.51	18.62	18.26	18.35		
5	16QAM	1	24	18.41	18.48	18.45	18.18	18.12		
5	16QAM	12	0	18.32	18.27	18.50	18.15	18.38	19	0
5	16QAM	12	7	18.50	18.33	18.60	18.21	18.33		
5	16QAM	12	13	18.40	18.41	18.46	18.14	18.24		
5	16QAM	25	0	18.36	18.35	18.46	18.14	18.28		
5	64QAM	1	0	18.27	18.13	18.30	18.04	18.14	19	0
5	64QAM	1	12	18.38	18.31	18.51	18.16	18.19		
5	64QAM	1	24	18.23	18.35	18.29	18.09	18.06		
5	64QAM	12	0	18.23	18.30	18.49	18.09	18.39	19	0
5	64QAM	12	7	18.42	18.36	18.49	18.15	18.34		
5	64QAM	12	13	18.42	18.33	18.53	18.15	18.14		
5	64QAM	25	0	18.32	18.28	18.53	18.18	18.29		
5	256QAM	1	0	18.15	18.19	18.22	18.16	18.17	19	0
5	256QAM	1	12	18.17	18.21	18.62	18.24	18.25		
5	256QAM	1	24	18.15	18.19	18.18	18.16	18.14		
5	256QAM	12	0	18.11	18.19	18.45	18.09	18.37	19	0
5	256QAM	12	7	18.33	18.34	18.54	18.16	18.32		
5	256QAM	12	13	18.29	18.20	18.52	18.07	18.09		
5	256QAM	25	0	18.34	18.22	18.33	18.07	18.23		

Reduced Power Mode for Main PA DSI1

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	32.19	32.28	32.21	33.50	23.19	23.28	23.21	24.50
GPRS 1 Tx slot	32.29	32.33	32.29	33.50	23.29	23.33	23.29	24.50
GPRS 2 Tx slots	31.51	31.56	31.53	32.50	25.51	25.56	25.53	26.50
GPRS 3 Tx slots	29.75	29.74	29.77	30.50	25.49	25.48	25.51	26.24
GPRS 4 Tx slots	28.62	28.65	28.60	29.50	25.62	25.65	25.60	26.50
EDGE 1 Tx slot	27.24	27.12	27.14	28.00	18.24	18.12	18.14	19.00
EDGE 2 Tx slots	26.29	26.14	26.22	27.00	20.29	20.14	20.22	21.00
EDGE 3 Tx slots	24.31	24.12	24.22	25.00	20.05	19.86	19.96	20.74
EDGE 4 Tx slots	23.10	22.87	23.10	24.00	20.10	19.87	20.10	21.00

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	32.31	32.38	32.28	33.50	23.31	23.38	23.28	24.50
GPRS 1 Tx slot	32.34	32.40	32.36	33.50	23.34	23.40	23.36	24.50
GPRS 2 Tx slots	31.56	31.63	31.61	32.50	25.56	25.63	25.61	26.50
GPRS 3 Tx slots	29.77	29.82	29.81	30.50	25.51	25.58	25.55	26.24
GPRS 4 Tx slots	29.05	28.76	29.15	29.50	26.05	25.76	26.15	26.50
EDGE 1 Tx slot	27.31	27.24	27.32	28.00	18.31	18.24	18.32	19.00
EDGE 2 Tx slots	26.32	26.15	26.23	27.00	20.32	20.15	20.23	21.00
EDGE 3 Tx slots	24.33	24.23	24.31	25.00	20.07	19.97	20.05	20.74
EDGE 4 Tx slots	23.05	23.00	23.12	24.00	20.05	20.00	20.12	21.00

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.12	27.19	27.10	27.50	18.12	18.19	18.10	18.50
GPRS 1 Tx slot	27.19	27.22	27.20	27.50	18.19	18.22	18.20	18.50
GPRS 2 Tx slots	26.15	26.17	26.14	27.00	20.15	20.17	20.14	21.00
GPRS 3 Tx slots	24.09	24.14	24.11	25.00	19.83	19.88	19.85	20.74
GPRS 4 Tx slots	23.12	23.16	23.14	24.00	20.12	20.16	20.14	21.00
EDGE 1 Tx slot	23.02	23.03	22.98	23.50	14.02	14.03	13.98	14.50
EDGE 2 Tx slots	21.96	21.95	21.93	22.50	15.96	15.95	15.93	16.50
EDGE 3 Tx slots	19.70	19.71	19.69	20.00	15.44	15.45	15.43	15.74
EDGE 4 Tx slots	18.36	18.34	18.34	19.00	15.36	15.34	15.34	16.00

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.52	27.56	27.51	27.70	18.52	18.56	18.51	18.70
GPRS 1 Tx slot	27.57	27.60	27.58	27.70	18.57	18.60	18.58	18.70
GPRS 2 Tx slots	27.05	27.06	27.05	27.20	21.05	21.06	21.05	21.20
GPRS 3 Tx slots	24.64	24.66	24.65	25.20	20.38	20.40	20.39	20.94
GPRS 4 Tx slots	23.60	23.63	23.59	24.20	20.60	20.63	20.59	21.20
EDGE 1 Tx slot	23.59	23.62	23.63	23.70	14.59	14.62	14.63	14.70
EDGE 2 Tx slots	22.39	22.40	22.40	22.70	16.39	16.40	16.40	16.70
EDGE 3 Tx slots	19.88	19.87	19.87	20.20	15.62	15.61	15.61	15.94
EDGE 4 Tx slots	18.91	18.87	18.84	19.20	15.91	15.87	15.84	16.20

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA II_Ant 4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	20.81	20.88	20.85	21.50	20.45	20.47	20.39	20.70
3GPP Rel 99	RMC 12.2Kbps	20.89	20.95	20.90	21.50	20.52	20.58	20.49	20.70
3GPP Rel 6	HSDPA Subtest-1	19.95	19.88	19.89	20.50	19.57	19.51	19.49	19.70
3GPP Rel 6	HSDPA Subtest-2	19.95	19.89	19.87	20.50	19.60	19.54	19.52	19.70
3GPP Rel 6	HSDPA Subtest-3	19.47	19.41	19.41	20.00	19.11	19.04	19.01	19.20
3GPP Rel 6	HSDPA Subtest-4	19.44	19.36	19.38	20.00	19.05	18.99	18.99	19.20
3GPP Rel 8	DC-HSDPA Subtest-1	19.90	19.87	19.87	20.50	19.57	19.44	19.42	20.70
3GPP Rel 8	DC-HSDPA Subtest-2	19.88	19.84	19.85	20.50	19.55	19.52	19.50	20.70
3GPP Rel 8	DC-HSDPA Subtest-3	19.40	19.35	19.35	20.00	19.09	19.00	18.95	19.20
3GPP Rel 8	DC-HSDPA Subtest-4	19.42	19.29	19.31	20.00	19.05	18.94	18.92	19.20
3GPP Rel 6	HSUPA Subtest-1	17.97	17.88	17.88	18.50	17.67	17.63	17.48	17.70
3GPP Rel 6	HSUPA Subtest-2	17.93	17.91	17.89	18.50	17.66	17.62	17.40	17.70
3GPP Rel 6	HSUPA Subtest-3	18.99	18.92	18.94	19.50	18.53	18.46	18.45	18.70
3GPP Rel 6	HSUPA Subtest-4	17.63	17.57	17.40	18.00	17.16	17.17	17.11	17.20
3GPP Rel 6	HSUPA Subtest-5	18.90	18.80	18.90	19.50	18.50	18.40	18.40	18.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.63	17.58	17.36	18.00	17.08	17.07	17.04	17.20

Band		WCDMA IV_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 4			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.17	20.21	20.18	21.00	20.90	20.89	20.84	21.20
3GPP Rel 99	RMC 12.2Kbps	20.23	20.25	20.22	21.00	20.92	20.95	20.91	21.20
3GPP Rel 6	HSDPA Subtest-1	19.15	19.20	19.22	20.00	19.92	19.89	20.01	20.20
3GPP Rel 6	HSDPA Subtest-2	19.15	19.19	19.24	20.00	19.94	19.92	20.00	20.20
3GPP Rel 6	HSDPA Subtest-3	18.88	18.91	18.91	19.50	19.48	19.44	19.54	19.70
3GPP Rel 6	HSDPA Subtest-4	18.82	18.89	18.88	19.50	19.47	19.37	19.52	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	19.06	19.12	19.13	19.50	19.86	19.77	19.91	20.20
3GPP Rel 8	DC-HSDPA Subtest-2	19.12	19.09	19.15	19.50	19.86	19.87	19.94	20.20
3GPP Rel 8	DC-HSDPA Subtest-3	18.86	18.81	18.87	19.00	19.36	19.38	19.48	19.70
3GPP Rel 8	DC-HSDPA Subtest-4	18.78	18.87	18.83	19.00	19.40	19.29	19.45	19.70
3GPP Rel 6	HSUPA Subtest-1	17.33	17.67	17.39	18.00	18.06	18.06	18.17	18.20
3GPP Rel 6	HSUPA Subtest-2	17.34	17.40	17.40	18.00	18.09	18.07	18.15	18.20
3GPP Rel 6	HSUPA Subtest-3	18.41	18.44	18.41	19.00	18.96	18.95	19.02	19.20
3GPP Rel 6	HSUPA Subtest-4	16.89	16.93	16.84	17.50	17.62	17.59	17.69	17.70
3GPP Rel 6	HSUPA Subtest-5	18.40	18.35	18.35	19.00	18.90	18.90	19.00	19.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.83	16.89	16.84	17.50	17.58	17.58	17.69	17.70

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	23.86	23.81	23.83	25.00	23.05	23.09	23.08	24.00
3GPP Rel 99	RMC 12.2Kbps	23.89	23.91	23.88	25.00	23.14	23.16	23.12	24.00
3GPP Rel 6	HSDPA Subtest-1	22.91	22.88	22.83	24.00	21.91	21.94	21.95	23.00
3GPP Rel 6	HSDPA Subtest-2	22.92	22.89	22.89	24.00	21.93	21.92	21.90	23.00
3GPP Rel 6	HSDPA Subtest-3	22.45	22.39	22.42	23.50	21.44	21.44	21.43	22.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.34	22.34	23.50	21.41	21.40	21.42	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.83	22.80	22.75	24.00	21.90	21.93	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.81	22.81	24.00	21.87	21.90	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.37	22.31	22.34	23.50	21.45	21.35	21.38	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.35	22.28	22.26	23.50	21.40	21.34	21.39	22.50
3GPP Rel 6	HSUPA Subtest-1	20.86	20.83	20.86	22.00	20.03	20.09	20.14	21.00
3GPP Rel 6	HSUPA Subtest-2	20.89	20.85	20.85	22.00	20.08	20.05	20.08	21.00
3GPP Rel 6	HSUPA Subtest-3	21.95	21.91	21.90	23.00	21.01	20.96	20.97	22.00
3GPP Rel 6	HSUPA Subtest-4	20.62	20.57	20.39	21.50	19.66	19.60	19.64	20.50
3GPP Rel 6	HSUPA Subtest-5	21.98	21.93	21.88	23.00	20.90	20.90	20.90	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.04	20.02	19.95	21.00	19.13	18.98	19.07	20.00

Band 2 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.26	20.23	20.16		
20	QPSK	1	49	20.36	20.41	20.37	21.5	0
20	QPSK	1	99	20.13	19.99	20.07		
20	QPSK	50	0	20.33	20.24	20.27		
20	QPSK	50	24	20.38	20.38	20.29	21.5	0
20	QPSK	50	50	20.33	20.17	20.26		
20	QPSK	100	0	20.28	20.29	20.25		
20	16QAM	1	0	20.31	20.26	20.09		
20	16QAM	1	49	20.32	20.27	20.34	21.5	0
20	16QAM	1	99	20.07	19.92	20.02		
20	16QAM	50	0	20.22	20.17	20.18		
20	16QAM	50	24	20.27	20.16	20.20	21.5	0
20	16QAM	50	50	20.19	20.18	20.08		
20	16QAM	100	0	20.25	20.20	20.15		
20	64QAM	1	0	20.34	20.32	20.28		
20	64QAM	1	49	20.37	20.38	20.34	21.5	0
20	64QAM	1	99	20.22	20.18	20.19		
20	64QAM	50	0	20.25	20.22	20.19		
20	64QAM	50	24	20.21	20.15	20.25	21.5	0
20	64QAM	50	50	20.26	20.13	20.08		
20	64QAM	100	0	20.19	20.20	20.20		
20	256QAM	1	0	19.43	19.34	19.35		
20	256QAM	1	49	19.55	19.52	19.48	20.5	1
20	256QAM	1	99	19.29	19.11	19.22		
20	256QAM	50	0	19.45	19.42	19.38		
20	256QAM	50	24	19.47	19.56	19.42	20.5	1
20	256QAM	50	50	19.48	19.32	19.44		
20	256QAM	100	0	19.42	19.44	19.37		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.97	20.00	19.91		
15	QPSK	1	37	20.07	20.18	20.14	21.5	0
15	QPSK	1	74	19.82	19.71	19.86		
15	QPSK	36	0	20.05	19.99	20.04		
15	QPSK	36	20	20.10	20.07	20.08	21.5	0
15	QPSK	36	39	20.03	19.91	20.01		
15	QPSK	75	0	20.01	20.04	20.01		
15	16QAM	1	0	20.00	19.80	19.79		
15	16QAM	1	37	20.08	19.99	20.10	21.5	0
15	16QAM	1	74	19.75	19.67	19.75		
15	16QAM	36	0	19.98	19.91	19.90		
15	16QAM	36	20	20.05	19.90	19.95	21.5	0
15	16QAM	36	39	20.10	19.95	19.84		
15	16QAM	75	0	19.99	19.99	19.91		
15	64QAM	1	0	20.15	20.05	20.04		
15	64QAM	1	37	20.12	20.17	20.12	21.5	0
15	64QAM	1	74	19.96	19.92	19.96		
15	64QAM	36	0	20.01	19.93	19.91		
15	64QAM	36	20	19.97	19.89	19.97	21.5	0
15	64QAM	36	39	19.97	19.89	19.78		
15	64QAM	75	0	19.94	19.94	20.01		
15	256QAM	1	0	19.18	19.04	19.08		
15	256QAM	1	37	19.32	19.24	19.14	20.5	1
15	256QAM	1	74	19.04	18.85	18.99		
15	256QAM	36	0	19.23	19.14	19.06		
15	256QAM	36	20	19.24	19.30	19.20	20.5	1
15	256QAM	36	39	19.19	19.04	19.14		
15	256QAM	75	0	19.20	19.21	19.09		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.03	19.98	19.87		
10	QPSK	1	25	20.04	20.17	20.09	21.5	0
10	QPSK	1	49	19.82	19.76	19.79		
10	QPSK	25	0	20.01	19.99	19.97		
10	QPSK	25	12	20.09	20.19	20.08	21.5	0
10	QPSK	25	25	20.01	19.90	19.98		
10	QPSK	50	0	19.99	20.01	19.99		
10	16QAM	1	0	20.01	19.97	19.84		
10	16QAM	1	25	20.09	19.99	20.02	21.5	0
10	16QAM	1	49	19.87	19.66	19.75		
10	16QAM	25	0	19.98	19.94	19.93		
10	16QAM	25	12	19.99	19.99	19.99	21.5	0
10	16QAM	25	25	20.05	19.91	19.80		
10	16QAM	50	0	20.01	20.00	19.85		
10	64QAM	1	0	20.10	20.07	20.03		
10	64QAM	1	25	20.11	20.11	20.12	21.5	0
10	64QAM	1	49	19.99	19.95	19.90		
10	64QAM	25	0	20.03	19.91	19.95		
10	64QAM	25	12	19.95	19.91	19.97	21.5	0
10	64QAM	25	25	20.05	19.88	19.82		
10	64QAM	50	0	19.98	19.93	19.99		
10	256QAM	1	0	19.18	19.10	19.10		
10	256QAM	1	25	19.29	19.25	19.22	20.5	1
10	256QAM	1	49	19.09	18.97	18.97		
10	256QAM	25	0	19.17	19.11	19.10		
10	256QAM	25	12	19.25	19.31	19.15	20.5	1
10	256QAM	25	25	19.26	19.05	19.18		
10	256QAM	50	0	19.15	19.21	19.09		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.98	19.99	19.86		
5	QPSK	1	12	20.04	20.16	20.09	21.5	0
5	QPSK	1	24	19.87	19.73	19.80		
5	QPSK	12	0	20.01	19.99	20.06		
5	QPSK	12	7	20.05	20.17	20.07	21.5	0
5	QPSK	12	13	20.11	19.89	20.03		
5	QPSK	25	0	20.01	20.00	20.05		
5	16QAM	1	0	20.02	20.00	19.79		
5	16QAM	1	12	20.10	19.97	20.09	21.5	0
5	16QAM	1	24	19.82	19.71	19.73		
5	16QAM	12	0	19.97	19.87	19.89		
5	16QAM	12	7	20.03	19.93	19.93	21.5	0
5	16QAM	12	13	20.03	19.90	19.79		
5	16QAM	25	0	20.03	20.00	19.86		
5	64QAM	1	0	20.09	20.06	20.03		
5	64QAM	1	12	20.08	20.08	20.13	21.5	0
5	64QAM	1	24	19.99	19.97	19.98		
5	64QAM	12	0	19.94	19.94	19.94		
5	64QAM	12	7	19.97	19.87	19.96	21.5	0
5	64QAM	12	13	20.01	19.86	19.81		
5	64QAM	25	0	19.95	19.93	19.92		
5	256QAM	1	0	19.19	19.08	19.08		
5	256QAM	1	12	19.31	19.30	19.21	20.5	1
5	256QAM	1	24	18.98	18.89	18.91		
5	256QAM	12	0	19.17	19.14	19.09		
5	256QAM	12	7	19.15	19.30	19.16	20.5	1
5	256QAM	12	13	19.29	19.04	19.16		
5	256QAM	25	0	19.16	19.19	19.08		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.05	19.97	19.92		
3	QPSK	1	8	20.06	20.15	20.08	21.5	0
3	QPSK	1	14	19.87	19.77	19.80		
3	QPSK	8	0	20.06	20.03	20.04		
3	QPSK	8	4	20.15	20.19	20.05	21.5	0
3	QPSK	8	7	20.09	19.93	20.03		
3	QPSK	15	0	20.02	20.00	19.96		
3	16QAM	1	0	20.00	20.04	19.83		
3	16QAM	1	8	20.07	20.05	20.08	21.5	0
3	16QAM	1	14	19.82	19.66	19.78		
3	16QAM	8	0	20.04	19.88	19.92		
3	16QAM	8	4	20.02	19.90	19.94	21.5	0
3	16QAM	8	7	20.08	19.98	19.85		
3	16QAM	15	0	19.94	19.98	19.91		
3	64QAM	1	0	20.10	20.04	20.06		
3	64QAM	1	8	20.08	20.12	20.08	21.5	0
3	64QAM	1	14	19.91	19.88	19.95		
3	64QAM	8	0	19.97	19.96	19.94		
3	64QAM	8	4	19.91	19.89	19.98	21.5	0
3	64QAM	8	7	20.00	19.78	19.78		
3	64QAM	15	0	20.00	19.95	19.91		
3	256QAM	1	0	19.19	19.05	19.09		
3	256QAM	1	8	19.35	19.22	19.23	20.5	1
3	256QAM	1	14	19.03	18.91	18.93		
3	256QAM	8	0	19.20	19.13	19.14		
3	256QAM	8	4	19.16	19.29	19.14	20.5	1
3	256QAM	8	7	19.24	19.02	19.19		
3	256QAM	15	0	19.19	19.16	19.09		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.98	19.98	19.87		
1.4	QPSK	1	3	20.09	20.16	20.08		
1.4	QPSK	1	5	19.90	19.87	19.82	21.5	0
1.4	QPSK	3	0	20.08	19.97	19.98		
1.4	QPSK	3	1	20.13	20.06	20.06		
1.4	QPSK	3	3	20.06	19.87	19.99		
1.4	QPSK	6	0	20.02	20.01	20.01	21.5	0
1.4	16QAM	1	0	20.02	19.95	19.95		
1.4	16QAM	1	3	20.10	20.16	20.10		
1.4	16QAM	1	5	19.90	19.74	19.85	21.5	0
1.4	16QAM	3	0	20.07	20.04	20.02		
1.4	16QAM	3	1	20.09	20.10	20.04		
1.4	16QAM	3	3	20.09	19.87	20.03		
1.4	16QAM	6	0	20.04	20.09	20.03	21.5	0
1.4	64QAM	1	0	20.07	19.97	19.86		
1.4	64QAM	1	3	20.10	20.20	20.10		
1.4	64QAM	1	5	19.91	19.73	19.83	21.5	0
1.4	64QAM	3	0	20.13	20.03	20.00		
1.4	64QAM	3	1	20.15	20.07	20.02		
1.4	64QAM	3	3	20.07	19.89	20.00		
1.4	64QAM	6	0	20.09	20.01	19.95	21.5	0
1.4	256QAM	1	0	19.21	19.05	19.07		
1.4	256QAM	1	3	19.28	19.26	19.21		
1.4	256QAM	1	5	19.04	18.92	18.97	20.5	1
1.4	256QAM	3	0	19.23	19.15	19.12		
1.4	256QAM	3	1	19.24	19.34	19.13		
1.4	256QAM	3	3	19.25	19.06	19.17		
1.4	256QAM	6	0	19.20	19.15	19.13	20.5	1

Band 2 Main PA_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.59	20.58	20.57		
20	QPSK	1	49	20.68	20.71	20.67	21.7	0
20	QPSK	1	99	20.46	20.44	20.36		
20	QPSK	50	0	20.65	20.62	20.63		
20	QPSK	50	24	20.70	20.64	20.64	21.7	0
20	QPSK	50	50	20.58	20.56	20.62		
20	QPSK	100	0	20.61	20.65	20.64		
20	16QAM	1	0	20.57	20.59	20.43		
20	16QAM	1	49	20.63	20.56	20.56	21.7	0
20	16QAM	1	99	20.38	20.36	20.33		
20	16QAM	50	0	20.49	20.68	20.39		
20	16QAM	50	24	20.63	20.67	20.59	21.7	0
20	16QAM	50	50	20.62	20.54	20.60		
20	16QAM	100	0	20.64	20.55	20.63		
20	64QAM	1	0	20.59	20.61	20.53		
20	64QAM	1	49	20.44	20.63	20.65	21.7	0
20	64QAM	1	99	20.47	20.65	20.51		
20	64QAM	50	0	20.15	20.23	20.16		
20	64QAM	50	24	20.18	20.12	20.18	21.2	0.5
20	64QAM	50	50	20.22	20.06	20.02		
20	64QAM	100	0	20.22	20.14	20.08		
20	256QAM	1	0	18.02	18.00	18.01		
20	256QAM	1	49	18.14	18.09	18.01	19.2	2.5
20	256QAM	1	99	17.95	17.92	17.77		
20	256QAM	50	0	18.09	18.06	18.12		
20	256QAM	50	24	18.10	18.20	18.15	19.2	2.5
20	256QAM	50	50	18.06	18.01	18.07		
20	256QAM	100	0	18.06	18.14	18.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.51	20.50	20.47		
15	QPSK	1	37	20.62	20.67	20.50	21.7	0
15	QPSK	1	74	20.41	20.41	20.30		
15	QPSK	36	0	20.54	20.55	20.56		
15	QPSK	36	20	20.60	20.64	20.61	21.7	0
15	QPSK	36	39	20.53	20.53	20.56		
15	QPSK	75	0	20.62	20.60	20.55		
15	16QAM	1	0	20.53	20.59	20.41		
15	16QAM	1	37	20.40	20.56	20.49	21.7	0
15	16QAM	1	74	20.35	20.29	20.22		
15	16QAM	36	0	20.46	20.67	20.32		
15	16QAM	36	20	20.53	20.58	20.50	21.7	0
15	16QAM	36	39	20.52	20.52	20.52		
15	16QAM	75	0	20.56	20.50	20.57		
15	64QAM	1	0	20.57	20.54	20.45		
15	64QAM	1	37	20.37	20.60	20.57	21.7	0
15	64QAM	1	74	20.40	20.47	20.51		
15	64QAM	36	0	20.09	20.18	20.12		
15	64QAM	36	20	20.16	20.00	20.13	21.2	0.5
15	64QAM	36	39	20.14	20.04	19.95		
15	64QAM	75	0	20.21	20.09	20.01		
15	256QAM	1	0	17.95	17.93	17.97		
15	256QAM	1	37	18.10	18.04	17.94	19.2	2.5
15	256QAM	1	74	17.88	17.83	17.72		
15	256QAM	36	0	18.03	18.01	18.06		
15	256QAM	36	20	18.06	18.08	18.09	19.2	2.5
15	256QAM	36	39	17.97	17.90	18.01		
15	256QAM	75	0	17.99	18.15	18.03		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.48	20.54	20.54		
10	QPSK	1	25	20.67	20.69	20.53	21.7	0
10	QPSK	1	49	20.40	20.36	20.33		
10	QPSK	25	0	20.61	20.55	20.60		
10	QPSK	25	12	20.61	20.63	20.56	21.7	0
10	QPSK	25	25	20.52	20.48	20.54		
10	QPSK	50	0	20.52	20.61	20.59		
10	16QAM	1	0	20.49	20.57	20.33		
10	16QAM	1	25	20.41	20.48	20.51	21.7	0
10	16QAM	1	49	20.36	20.30	20.26		
10	16QAM	25	0	20.46	20.65	20.36		
10	16QAM	25	12	20.60	20.67	20.57	21.7	0
10	16QAM	25	25	20.35	20.53	20.57		
10	16QAM	50	0	20.59	20.50	20.52		
10	64QAM	1	0	20.55	20.57	20.43		
10	64QAM	1	25	20.45	20.55	20.57	21.7	0
10	64QAM	1	49	20.40	20.55	20.46		
10	64QAM	25	0	20.12	20.18	20.08		
10	64QAM	25	12	20.15	20.05	20.11	21.2	0.5
10	64QAM	25	25	20.13	20.03	20.02		
10	64QAM	50	0	20.20	20.03	20.04		
10	256QAM	1	0	17.91	17.94	17.96		
10	256QAM	1	25	18.09	18.06	17.95	19.2	2.5
10	256QAM	1	49	17.90	17.86	17.70		
10	256QAM	25	0	18.06	18.02	18.03		
10	256QAM	25	12	18.07	18.12	18.14	19.2	2.5
10	256QAM	25	25	17.96	17.96	18.03		
10	256QAM	50	0	18.18	18.03	18.03		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.50	20.53	20.46		
5	QPSK	1	12	20.68	20.65	20.49	21.7	0
5	QPSK	1	24	20.46	20.34	20.30		
5	QPSK	12	0	20.55	20.60	20.62		
5	QPSK	12	7	20.61	20.66	20.60	21.7	0
5	QPSK	12	13	20.48	20.55	20.52		
5	QPSK	25	0	20.54	20.62	20.62		
5	16QAM	1	0	20.56	20.50	20.38		
5	16QAM	1	12	20.51	20.51	20.52	21.7	0
5	16QAM	1	24	20.37	20.28	20.29		
5	16QAM	12	0	20.42	20.62	20.32		
5	16QAM	12	7	20.59	20.62	20.56	21.7	0
5	16QAM	12	13	20.44	20.45	20.59		
5	16QAM	25	0	20.62	20.47	20.59		
5	64QAM	1	0	20.53	20.59	20.47		
5	64QAM	1	12	20.46	20.56	20.58	21.7	0
5	64QAM	1	24	20.44	20.60	20.47		
5	64QAM	12	0	20.07	20.19	20.09		
5	64QAM	12	7	20.16	20.07	20.11	21.2	0.5
5	64QAM	12	13	20.17	20.02	20.00		
5	64QAM	25	0	20.14	20.05	20.03		
5	256QAM	1	0	17.99	17.96	17.91		
5	256QAM	1	12	18.07	18.06	17.91	19.2	2.5
5	256QAM	1	24	17.87	17.91	17.76		
5	256QAM	12	0	18.06	17.98	18.05		
5	256QAM	12	7	18.04	18.14	18.12	19.2	2.5
5	256QAM	12	13	17.96	18.00	17.97		
5	256QAM	25	0	18.12	18.12	18.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.51	20.52	20.53		
3	QPSK	1	8	20.65	20.64	20.49	21.7	0
3	QPSK	1	14	20.40	20.41	20.29		
3	QPSK	8	0	20.60	20.59	20.56		
3	QPSK	8	4	20.60	20.65	20.63	21.7	0
3	QPSK	8	7	20.53	20.57	20.54		
3	QPSK	15	0	20.53	20.60	20.57		
3	16QAM	1	0	20.50	20.48	20.37		
3	16QAM	1	8	20.52	20.56	20.51	21.7	0
3	16QAM	1	14	20.32	20.27	20.30		
3	16QAM	8	0	20.44	20.60	20.37		
3	16QAM	8	4	20.59	20.63	20.47	21.7	0
3	16QAM	8	7	20.36	20.46	20.49		
3	16QAM	15	0	20.56	20.53	20.57		
3	64QAM	1	0	20.53	20.54	20.48		
3	64QAM	1	8	20.36	20.62	20.61	21.7	0
3	64QAM	1	14	20.42	20.55	20.49		
3	64QAM	8	0	20.08	20.15	20.14		
3	64QAM	8	4	20.07	20.11	20.12	21.2	0.5
3	64QAM	8	7	20.17	20.02	19.93		
3	64QAM	15	0	20.22	20.07	20.00		
3	256QAM	1	0	17.97	17.94	17.94		
3	256QAM	1	8	18.07	18.00	17.90	19.2	2.5
3	256QAM	1	14	17.86	17.80	17.72		
3	256QAM	8	0	18.00	17.97	18.10		
3	256QAM	8	4	18.07	18.08	18.10	19.2	2.5
3	256QAM	8	7	17.96	17.94	18.03		
3	256QAM	15	0	18.04	18.08	17.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.53	20.53	20.57		
1.4	QPSK	1	3	20.59	20.65	20.56		
1.4	QPSK	1	5	20.48	20.43	20.51	21.7	0
1.4	QPSK	3	0	20.58	20.57	20.57		
1.4	QPSK	3	1	20.58	20.66	20.56		
1.4	QPSK	3	3	20.51	20.56	20.57		
1.4	QPSK	6	0	20.53	20.60	20.54	21.7	0
1.4	16QAM	1	0	20.50	20.56	20.52		
1.4	16QAM	1	3	20.62	20.66	20.50		
1.4	16QAM	1	5	20.40	20.41	20.26	21.7	0
1.4	16QAM	3	0	20.60	20.56	20.62		
1.4	16QAM	3	1	20.58	20.62	20.66		
1.4	16QAM	3	3	20.56	20.50	20.56		
1.4	16QAM	6	0	20.49	20.57	20.60	21.7	0
1.4	64QAM	1	0	20.57	20.51	20.55		
1.4	64QAM	1	3	20.64	20.64	20.54		
1.4	64QAM	1	5	20.40	20.37	20.28	21.7	0
1.4	64QAM	3	0	20.61	20.62	20.63		
1.4	64QAM	3	1	20.55	20.70	20.60		
1.4	64QAM	3	3	20.55	20.51	20.53		
1.4	64QAM	6	0	20.05	20.07	20.04	21.2	0.5
1.4	256QAM	1	0	17.96	17.88	17.92		
1.4	256QAM	1	3	18.04	18.07	17.96		
1.4	256QAM	1	5	17.89	17.81	17.76	19.2	2.5
1.4	256QAM	3	0	18.00	18.04	18.06		
1.4	256QAM	3	1	18.04	18.18	18.05		
1.4	256QAM	3	3	17.98	17.98	18.00		
1.4	256QAM	6	0	17.98	18.09	18.08	19.2	2.5

Band 4 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.94	21.00	20.91		
20	QPSK	1	49	21.02	21.06	20.97	21.5	0
20	QPSK	1	99	20.78	20.76	20.81		
20	QPSK	50	0	19.88	19.96	19.92		
20	QPSK	50	24	19.98	20.02	19.97	20.5	1
20	QPSK	50	50	19.95	19.85	19.90		
20	QPSK	100	0	19.85	19.91	19.90		
20	16QAM	1	0	20.10	20.13	20.08		
20	16QAM	1	49	20.23	20.15

Band 4 Main PA_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.26	21.31	21.23		
20	QPSK	1	49	21.33	21.38	21.35	21.7	0
20	QPSK	1	99	21.16	21.13	21.19		
20	QPSK	50	0	21.22	21.33	21.32		
20	QPSK	50	24	21.37	21.34	21.37	21.7	0
20	QPSK	50	50	21.30	21.32	21.30		
20	QPSK	100	0	21.22	21.35	21.29		
20	16QAM	1	0	21.25	21.23	21.17		
20	16QAM	1	49	21.27	21.29	21.22	21.7	0
20	16QAM	1	99	21.17	21.12	21.09		
20	16QAM	50	0	21.24	21.04	21.33		
20	16QAM	50	24	21.02	20.97	20.97	21.7	0
20	16QAM	50	50	21.19	21.28	21.01		
20	16QAM	100	0	21.18	21.27	21.28		
20	64QAM	1	0	21.16	21.19	21.19		
20	64QAM	1	49	21.28	21.29	20.86	21.7	0
20	64QAM	1	99	21.05	21.13	21.09		
20	64QAM	50	0	20.72	20.92	20.83		
20	64QAM	50	24	20.82	20.86	20.84	21.2	0.5
20	64QAM	50	50	20.75	20.81	20.83		
20	64QAM	100	0	20.74	20.84	20.85		
20	256QAM	1	0	18.71	18.72	18.70		
20	256QAM	1	49	18.79	18.82	18.84	19.2	2.5
20	256QAM	1	99	18.57	18.53	18.68		
20	256QAM	50	0	21.65	18.79	18.75		
20	256QAM	50	24	18.74	18.87	18.79	19.2	2.5
20	256QAM	50	50	18.74	18.76	18.71		
20	256QAM	100	0	18.71	18.74	18.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.21	21.30	21.19		
15	QPSK	1	37	21.20	21.32	21.29	21.7	0
15	QPSK	1	74	21.08	21.10	21.17		
15	QPSK	36	0	21.11	21.30	21.31		
15	QPSK	36	20	21.22	21.30	21.34	21.7	0
15	QPSK	36	39	21.20	21.24	21.25		
15	QPSK	75	0	21.21	21.30	21.24		
15	16QAM	1	0	21.13	21.18	21.18		
15	16QAM	1	37	21.21	21.18	21.20	21.7	0
15	16QAM	1	74	21.08	21.07	21.02		
15	16QAM	36	0	21.22	20.95	21.30		
15	16QAM	36	20	20.95	20.93	20.95	21.7	0
15	16QAM	36	39	21.15	21.28	20.98		
15	16QAM	75	0	21.12	21.20	21.21		
15	64QAM	1	0	21.11	21.10	21.13		
15	64QAM	1	37	21.25	21.24	20.75	21.7	0
15	64QAM	1	74	20.96	21.07	21.04		
15	64QAM	36	0	20.71	20.87	20.80		
15	64QAM	36	20	20.76	20.80	20.76	21.2	0.5
15	64QAM	36	39	20.69	20.76	20.77		
15	64QAM	75	0	20.70	20.79	20.74		
15	256QAM	1	0	18.65	18.64	18.67		
15	256QAM	1	37	18.72	18.78	18.79	19.2	2.5
15	256QAM	1	74	18.49	18.52	18.66		
15	256QAM	36	0	18.68	18.72	18.71		
15	256QAM	36	20	18.65	18.80	18.73	19.2	2.5
15	256QAM	36	39	18.64	18.71	18.66		
15	256QAM	75	0	18.71	18.70	18.68		
Channel				20115	20175	20250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.17	21.26	21.21		
10	QPSK	1	25	21.26	21.32	21.27	21.7	0
10	QPSK	1	49	21.11	21.09	21.12		
10	QPSK	25	0	21.22	21.32	21.30		
10	QPSK	25	12	21.25	21.31	21.28	21.7	0
10	QPSK	25	25	21.24	21.26	21.28		
10	QPSK	50	0	21.18	21.29	21.21		
10	16QAM	1	0	21.25	21.16	21.11		
10	16QAM	1	25	21.23	21.28	21.15	21.7	0
10	16QAM	1	49	21.12	21.08	21.00		
10	16QAM	25	0	21.20	20.98	21.23		
10	16QAM	25	12	20.92	20.92	20.93	21.7	0
10	16QAM	25	25	21.11	21.21	20.98		
10	16QAM	50	0	21.07	21.23	21.25		
10	64QAM	1	0	21.09	21.14	21.12		
10	64QAM	1	25	21.25	21.28	20.80	21.7	0
10	64QAM	1	49	20.99	21.03	21.00		
10	64QAM	25	0	20.68	20.87	20.79		
10	64QAM	25	12	20.71	20.81	20.81	21.2	0.5
10	64QAM	25	25	20.63	20.75	20.77		
10	64QAM	50	0	20.67	20.78	20.79		
10	256QAM	1	0	18.63	18.68	18.68		
10	256QAM	1	25	18.75	18.76	18.82	19.2	2.5
10	256QAM	1	49	18.46	18.45	18.59		
10	256QAM	25	0	18.58	18.76	18.69		
10	256QAM	25	12	18.73	18.81	18.70	19.2	2.5
10	256QAM	25	25	18.68	18.71	18.63		
10	256QAM	50	0	18.68	18.68	18.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.16	21.28	21.18		
5	QPSK	1	12	21.25	21.33	21.31	21.7	0
5	QPSK	1	24	21.06	21.04	21.17		
5	QPSK	12	0	21.18	21.28	21.29		
5	QPSK	12	7	21.24	21.31	21.31	21.7	0
5	QPSK	12	13	21.24	21.21	21.21		
5	QPSK	25	0	21.18	21.33	21.28		
5	16QAM	1	0	21.19	21.08	21.18		
5	16QAM	1	12	21.24	21.24	21.18	21.7	0
5	16QAM	1	24	21.16	21.06	21.03		
5	16QAM	12	0	21.21	21.03	21.23		
5	16QAM	12	7	20.97	20.95	20.95	21.7	0
5	16QAM	12	13	21.13	21.16	21.00		
5	16QAM	25	0	21.08	21.23	21.17		
5	64QAM	1	0	21.09	21.16	21.15		
5	64QAM	1	12	21.25	21.20	20.82	21.7	0
5	64QAM	1	24	21.03	21.14	21.03		
5	64QAM	12	0	20.65	20.88	20.81		
5	64QAM	12	7	20.77	20.77	20.80		
5	64QAM	12	13	20.92	20.73	20.84	21.2	0.5
5	64QAM	25	0	20.62	20.77	20.79		
5	256QAM	1	0	18.67	18.60	18.67		
5	256QAM	1	12	18.72	18.76	18.75	19.2	2.5
5	256QAM	1	24	18.48	18.54	18.68		
5	256QAM	12	0	18.54	18.74	18.73		
5	256QAM	12	7	18.63	18.80	18.78	19.2	2.5
5	256QAM	12	13	18.71	18.73	18.60		
5	256QAM	25	0	18.62	18.76	18.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.15	21.25	21.18		
3	QPSK	1	8	21.22	21.32	21.25	21.7	0
3	QPSK	1	14	21.06	21.08	21.11		
3	QPSK	8	0	21.22	21.31	21.24		
3	QPSK	8	4	21.28	21.33	21.36	21.7	0
3	QPSK	8	7	21.26	21.30	21.23		
3	QPSK	15	0	21.13	21.24	21.23		
3	16QAM	1	0	21.19	21.18	21.10		
3	16QAM	1	8	21.24	21.18	21.17	21.7	0
3	16QAM	1	14	21.16	21.05	21.05		
3	16QAM	8	0	21.23	20.96	21.26		
3	16QAM	8	4	20.98	20.92	20.89	21.7	0
3	16QAM	8	7	21.10	21.19	20.95		
3	16QAM	15	0	21.17	21.25	21.25		
3	64QAM	1	0	21.10	21.08	21.15		
3	64QAM	1	8	21.23	21.20	20.84	21.7	0
3	64QAM	1	14	20.95	21.06	21.01		
3	64QAM	8	0	20.62	20.90	20.71		
3	64QAM	8	4	20.76	20.74	20.76	21.2	0.5
3	64QAM	8	7	20.64	20.75	20.81		
3	64QAM	15	0	20.69	20.79	20.81		
3	256QAM	1	0	18.63	18.69	18.71		
3	256QAM	1	8	18.75	18.80	18.79	19.2	2.5
3	256QAM	1	14	18.51	18.45	18.63		
3	256QAM	8	0	18.57	18.76	18.72		
3	256QAM	8	4	18.65	18.80	18.78	19.2	2.5
3	256QAM	8	7	18.75	18.74	18.63		
3	256QAM	15	0	18.64	18.68	18.64		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.18	21.31	21.16		
1.4	QPSK	1	3	21.24	21.29	21.27		
1.4	QPSK	1	5	21.17	21.05	21.12	21.7	0
1.4	QPSK	3	0	21.18	21.32	21.26		
1.4	QPSK	3	1	21.28	21.30	21.31		
1.4	QPSK	3	3	21.30	21.27	21.24		
1.4	QPSK	6	0	21.18	21.29	21.22	21.7	0
1.4	16QAM	1	0	21.18	21.26	21.16		
1.4	16QAM	1	3	21.27	21.26	21.35		
1.4	16QAM	1	5	21.15	21.13	21.10	21.7	0
1.4	16QAM	3	0	21.19	21.25	21.28		
1.4	16QAM	3	1	21.20	21.28	21.34		
1.4	16QAM	3	3	21.23	21.29	21.21		
1.4	16QAM	6	0	21.20	21.29	21.26	21.7	0
1.4	64QAM	1	0	21.19	21.22	21.14		
1.4	64QAM	1	3	21.23	21.34	21.32		
1.4	64QAM	1	5	21.13	21.10	21.08	21.7	0
1.4	64QAM	3	0	21.22	21.24	21.23		
1.4	64QAM	3	1	21.29	21.34	21.29		
1.4	64QAM	3	3	21.25	21.27	21.23		
1.4	64QAM	6	0	20.72	20.76	20.68	21.2	0.5
1.4	256QAM	1	0	18.60	18.67	18.65		
1.4	256QAM	1	3	18.69	18.76	18.81		
1.4	256QAM	1	5	18.55	18.50	18.68	19.2	2.5
1.4	256QAM	3	0	18.55	18.79	18.68		
1.4	256QAM	3	1	18.70	18.82	18.74		
1.4	256QAM	3	3	18.72	18.65	18.71		
1.4	256QAM	6	0	18.70	18.66	18.60	19.2	2.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.88	22.85	22.80		
20	QPSK	1	49	22.92	22.95	22.84	24.2	0
20	QPSK	1	99	22.67	22.63	22.72		
20	QPSK	50	0	21.84	21.83	21.81		
20	QPSK	50	24	21.90	21.93	21.91	23.2	1
20	QPSK	50	50	21.85	21.73	21.84		
20	QPSK	100	0	21.79	21.82	21.80		
20	16QAM	1	0	22.06	22.06	22.01		
20	16QAM	1	49	22.10	22.07	22.13	23.2	1
20	16QAM	1	99	21.88	21.89	21.96		
20	16QAM	50	0	20.69	20.87	20.90		
20	16QAM	50	24	20.85	20.84	20.85	22.2	2
20	16QAM	50	50	20.74	20.73	20.88		
20	16QAM	100	0	20.74	20.75	20.85		
20	64QAM	1	0	20.89	20.89	20.84		
20	64QAM	1	49	21.01	20.88	20.94	22.2	2
20	64QAM	1	99	20.76	20.71	20.81		
20	64QAM	50	0	19.67	19.84	19.89		
20	64QAM	50	24	19.85	19.80	19.85	21.2	3
20	64QAM	50	50	19.85	19.69	19.87		
20	64QAM	100	0	19.74	19.72	19.84		
20	256QAM	1	0	18.05	18.04	18.14		
20	256QAM	1	49	18.09	18.10	18.13	19.2	5
20	256QAM	1	99	18.11	17.99	18.11		
20	256QAM	50	0	18.05	18.07	18.01		
20	256QAM	50	24	18.01	18.03	18.02	19.2	5
20	256QAM	50	50	17.99	18.00	18.01		
20	256QAM	100	0	18.12	18.11	17.99		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.93	22.86	22.70		
15	QPSK	1	37	22.91	22.91	22.80	24.2	0
15	QPSK	1	74	22.62	22.58	22.62		
15	QPSK	36	0	21.87	21.84	21.81		
15	QPSK	36	20	21.81	21.95	21.94	23.2	1
15	QPSK	36	39	21.79	21.70	21.80		
15	QPSK	75	0	21.76	21.75	21.78		
15	16QAM	1	0	22.06	22.11	21.92		
15	16QAM	1	37	22.09	22.08	22.10	23.2	1
15	16QAM	1	74	21.92	21.87	21.94		
15	16QAM	36	0	20.68	20.77	20.84		
15	16QAM	36	20	20.87	20.79	20.84	22.2	2
15	16QAM	36	39	20.90	20.78	20.90		
15	16QAM	75	0	20.69	20.76	20.86		
15	64QAM	1	0	20.88	20.82	20.84		
15	64QAM	1	37	21.04	20.86	20.86	22.2	2
15	64QAM	1	74	20.76	20.75	20.75		
15	64QAM	36	0	19.60	19.74	19.85		
15	64QAM	36	20	19.81	19.82	19.90	21.2	3
15	64QAM	36	39	19.86	19.62	19.79		
15	64QAM	75	0	19.77	19.65	19.84		
15	256QAM	1	0	18.07	18.04	18.12		
15	256QAM	1	37	18.12	18.00	18.03	19.2	5
15	256QAM	1	74	18.15	18.02	18.09		
15	256QAM	36	0	18.07	18.09	18.05		
15	256QAM	36	20	18.04	17.93	18.00	19.2	5
15	256QAM	36	39	17.89	18.04	17.98		
15	256QAM	75	0	18.15	18.14	17.99		
Channel				20115	20175	20250	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.81	22.86	22.71		
10	QPSK	1	25	22.94	22.91	22.86	24.2	0
10	QPSK	1	49	22.66	22.62	22.65		
10	QPSK	25	0	21.86	21.86	21.76		
10	QPSK	25	12	21.81	21.90	21.93	23.2	1
10	QPSK	25	25	21.84	21.73	21.83		
10	QPSK	50	0	21.81	21.77	21.78		
10	16QAM	1	0	22.09	22.01	22.02		
10	16QAM	1	25	22.17	22.09	22.12	23.2	1
10	16QAM	1	49	21.83	21.83	21.91		
10	16QAM	25	0	20.70	20.83	20.91		
10	16QAM	25	12	20.85	20.78	20.84	22.2	2
10	16QAM	25	25	20.89	20.74	20.88		
10	16QAM	50	0	20.67	20.79	20.83		
10	64QAM	1	0	20.93	20.80	20.87		
10	64QAM	1	25	20.95	20.92	20.90	22.2	2
10	64QAM	1	49	20.78	20.62	20.83		
10	64QAM	25	0	19.67	19.75	19.81		
10	64QAM	25	12	19.79	19.77	19.90	21.2	3
10	64QAM	25	25	19.86	19.59	19.87		
10	64QAM	50	0	19.67	19.68	19.85		
10	256QAM	1	0	18.09	17.97	18.18		
10	256QAM	1	25	18.04	18.00	18.05	19.2	5
10	256QAM	1	49	18.12	18.02	18.12		
10	256QAM	25	0	18.05	18.06	17.94		
10	256QAM	25	12	17.92	17.98	17.98	19.2	5
10	256QAM	25	25	17.91	17.99	18.04		
10	256QAM	50	0	18.03	17.95	17.95		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.80	22.87	22.75		
5	QPSK	1	12	22.93	22.90	22.84	24.2	0
5	QPSK	1	24	22.69	22.58	22.72		
5	QPSK	12	0	21.79	21.77	21.80		
5	QPSK	12	7	21.88	21.88	21.96	23.2	1
5	QPSK	12	13	21.76	21.78	21.88		
5	QPSK	25	0	21.70	21.84	21.84		
5	16QAM	1	0	21.86	21.59	21.87		
5	16QAM	1	12	22.06	22.03	22.17	23.2	1
5	16QAM	1	24	21.85	21.90	21.87		
5	16QAM	12	0	20.62	20.86	20.94		
5	16QAM	12	7	20.83	20.87	20.90	22.2	2
5	16QAM	12	13	20.88	20.77	20.92		
5	16QAM	25	0	20.71	20.71	20.84		
5	64QAM	1	0	20.93	20.94	20.87		
5	64QAM	1	12	20.99	20.82	20.76	22.2	2
5	64QAM	1	24	20.71	20.67	20.83		
5	64QAM	12	0	19.64	19.77	19.83		
5	64QAM	12	7	19.86	19.79	19.89	21.2	3
5	64QAM	12	13	19.90	19.62	19.91		
5	64QAM	25	0	19.79	19.70	19.87		
5	256QAM	1	0	18.09	18.07	18.15		
5	256QAM	1	12	18.05	18.01	18.03	19.2	5
5	256QAM	1	24	18.02	17.98	18.07		
5	256QAM	12	0	17.97	18.01	18.00		
5	256QAM	12	7	18.02	17.97	17.97	19.2	5
5	256QAM	12	13	17.95	17.97	17.99		
5	256QAM	25	0	18.03	18.03	17.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.84	22.84	22.78		
3	QPSK	1	8	22.89	22.90	22.79	24.2	0
3	QPSK	1	14	22.59	22.62	22.77		
3	QPSK	8	0	21.74	21.80	21.84		
3	QPSK	8	4	21.85	21.96	21.90	23.2	1
3	QPSK	8	7	21.88	21.65	21.75		
3	QPSK	15	0	21.73	21.82	21.83		
3	16QAM	1	0	21.99	21.99	22.04		
3	16QAM	1	8	22.21	22.10	22.04	23.2	1
3	16QAM	1	14	21.88	21.92	21.95		
3	16QAM	8	0	20.70	20.81	20.88		
3	16QAM	8	4	20.83	20.89	20.79	22.2	2
3	16QAM	8	7	20.76	20.73	20.83		
3	16QAM	15	0	20.67	20.75	20.84		
3	64QAM	1	0	20.80	20.89	20.83		
3	64QAM	1	8	20.96	20.94	20.95	22.2	2
3	64QAM	1	14	20.78	20.72	20.79		
3	64QAM	8	0	19.61	19.81	19.80		
3	64QAM	8	4	19.86	19.70	19.75	21.2	3
3	64QAM	8	7	19.82	19.60	19.87		
3	64QAM	15	0	19.73	19.66	19.88		
3	256QAM	1	0	18.07	18.06	18.13		
3	256QAM	1	8	18.04	18.11	18.09	19.2	5
3	256QAM	1	14	18.06	18.02	18.08		
3	256QAM	8	0	17.96	18.07	18.02		
3	256QAM	8	4	18.01	17.95	17.94	19.2	5
3	256QAM	8	7	17.98	17.93	17.97		
3	256QAM	15	0	18.16	18.13	17.93		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.89	22.86	22.84		
1.4	QPSK	1	3	22.87	22.94	22.77		
1.4	QPSK	1	5	22.68	22.59	22.74	24.2	0
1.4	QPSK	3	0	22.91	22.78	22.75		
1.4	QPSK	3	1	22.85	22.85	22.78		
1.4	QPSK	3	3	22.85	22.90	22.77		
1.4	QPSK	6	0	21.71	21.74	21.70	23.2	1
1.4	16QAM	1	0	22.06	22.09	22.01		
1.4	16QAM	1	3	22.10	22.03	22.08		
1.4	16QAM	1	5	21.80	21.88	21.81	23.2	1
1.4	16QAM	3	0	21.88	21.80	21.80		
1.4	16QAM	3	1	21.75	21.83	21.86		
1.4	16QAM	3	3	21.86	21.78	21.75		
1.4	16QAM	6	0	20.65	20.68	20.75	22.2	2
1.4	64QAM	1	0	20.81	20.92	20.81		
1.4	64QAM	1	3	21.02	20.78	20.92		
1.4	64QAM	1	5	20.68	20.66	20.82	22.2	2
1.4	64QAM	3	0	20.64	20.78	20.89		
1.4	64QAM	3	1	20.69	20.89	20.83		
1.4	64QAM	3	3	20.70	20.86	20.88		
1.4	64QAM	6	0	20.69	20.90	20.85	21.2	3
1.4	256QAM	1	0	17.95	17.97	18.18		
1.4	256QAM	1	3	18.04	18.00	18.06		
1.4	256QAM	1	5	18.13	17.94	18.08	19.2	5
1.4	256QAM	3	0	17.97	17.99	17.97		
1.4	256QAM	3	1	17.94	18.05	17.99		
1.4	256QAM	3	3	18.01	18.00	17.93		
1.4	256QAM	6	0	18.05	18.02	18.03	19.2	5

Band 5 Main PA_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	24.54	24.49	24.45		
10	QPSK	1	25	24.59	24.61	24.50	25.5	0
10	QPSK	1	49	24.52	24.44	24.41		
10	QPSK	25	0	23.52	23.61	23.46		
10	QPSK	25	12	23.61	23.63	23.47	24.5	1
10	QPSK	25	25	23.58	23.44	23.37		
10	QPSK	50	0	23.49	23.57	23.41		
10	16QAM	1	0	23.82	23.99	23.92		
10	16QAM

Band 7 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33		
20	QPSK	1	49	20.65	20.77	20.58	21.5	0
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.99	19.67	19.60		
20	QPSK	50	24	19.87	19.69	19.55	20.5	1
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48		
20	16QAM	1	49	19.92	19.83	19.70	20.5	1
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57		
20	16QAM	50	24	18.64	18.61	18.55	19.5	2
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48		
20	64QAM	1	49	18.88	18.81	18.69	19.5	2
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.53	17.63	17.56		
20	64QAM	50	24	17.66	17.61	17.50	18.5	3
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37		
20	256QAM	1	49	15.40	15.27	15.31	16.5	5
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26		
20	256QAM	50	24	15.28	15.25	15.27	16.5	5
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27		
15	QPSK	1	37	20.68	20.68	20.58	21.5	0
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62		
15	QPSK	36	20	19.71	19.63	19.57	20.5	1
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53		
15	16QAM	1	37	19.90	19.77	19.74	20.5	1
15	16QAM	1	74	19.63	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53		
15	16QAM	36	20	18.57	18.60	18.47	19.5	2
15	16QAM	36	39	18.67	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48		
15	64QAM	1	37	18.86	18.73	18.68	19.5	2
15	64QAM	1	74	18.85	18.64	18.49		
15	64QAM	36	0	17.56	17.61	17.61		
15	64QAM	36	20	17.70	17.54	17.48	18.5	3
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36		
15	256QAM	1	37	15.30	15.26	15.34	16.5	5
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17		
15	256QAM	36	20	15.28	15.18	15.25	16.5	5
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38		
10	QPSK	1	25	20.68	20.74	20.51	21.5	0
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58		
10	QPSK	25	12	19.57	19.70	19.61	20.5	1
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43		
10	16QAM	1	25	19.83	19.74	19.60	20.5	1
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48		
10	16QAM	25	12	18.62	18.61	18.55	19.5	2
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53		
10	64QAM	1	0	18.63	18.52	18.50		
10	64QAM	1	25	18.78	18.83	18.72	19.5	2
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46		
10	64QAM	25	12	17.66	17.54	17.53	18.5	3
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29		
10	256QAM	1	25	15.44	15.17	15.34	16.5	5
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28		
10	256QAM	25	12	15.33	15.17	15.32	16.5	5
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.31	15.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34		
5	QPSK	1	12	20.56	20.71	20.61	21.5	0
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52		
5	QPSK	12	7	19.61	19.65	19.56	20.5	1
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48		
5	16QAM	1	12	19.90	19.78	19.75	20.5	1
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62		
5	16QAM	12	7	18.67	18.62	18.54	19.5	2
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46		
5	64QAM	1	12	18.88	18.73	18.68	19.5	2
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49		
5	64QAM	12	7	17.63	17.53	17.45	18.5	3
5	64QAM	12	13	17.56	17.50	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27		
5	256QAM	1	12	15.32	15.31	15.28	16.5	5
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18		
5	256QAM	12	7	15.29	15.27	15.25	16.5	5
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.64	19.66	19.66		
20	QPSK	1	49	19.90	19.95	19.93	20.5	0
20	QPSK	1	99	19.64	19.79	19.79		
20	QPSK	50	0	19.77	19.80	19.90		
20	QPSK	50	24	19.82	19.92	19.91	20.5	0
20	QPSK	50	50	19.76	19.83	19.88		
20	QPSK	100	0	19.77	19.86	19.85		
20	16QAM	1	0	19.66	19.65	19.59		
20	16QAM	1	49	19.83	19.85	19.87	20.5	0
20	16QAM	1	99	19.68	19.75	19.82		
20	16QAM	50	0	19.74	19.87	19.88		
20	16QAM	50	24	19.81	19.85	19.86	20.5	0
20	16QAM	50	50	19.82	19.84	19.85		
20	16QAM	100	0	19.79	19.86	19.86		
20	64QAM	1	0	19.78	19.78	19.81		
20	64QAM	1	49	19.65	19.51	19.51	20.5	0
20	64QAM	1	99	19.68	19.78	19.41		
20	64QAM	50	0	19.72	19.84	19.84		
20	64QAM	50	24	19.80	19.87	19.88	20.5	0
20	64QAM	50	50	19.80	19.77	19.84		
20	64QAM	100	0	19.75	19.81	19.85		
20	256QAM	1	0	19.62	19.57	19.61		
20	256QAM	1	49	19.84	19.91	19.93	20.5	0
20	256QAM	1	99	19.57	19.76	19.72		
20	256QAM	50	0	19.77	19.87	19.89		
20	256QAM	50	24	19.78	19.86	19.85	20.5	0
20	256QAM	50	50	19.73	19.77	19.82		
20	256QAM	100	0	19.71	19.82	19.82		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.54	19.59	19.60		
15	QPSK	1	37	19.81	19.93	19.86	20.5	0
15	QPSK	1	74	19.58	19.69	19.72		
15	QPSK	36	0	19.68	19.85	19.81		
15	QPSK	36	20	19.75	19.84	19.90	20.5	0
15	QPSK	36	39	19.75	19.74	19.88		
15	QPSK	75	0	19.71	19.77	19.79		
15	16QAM	1	0	19.59	19.63	19.54		
15	16QAM	1	37	19.80	19.84	19.75	20.5	0
15	16QAM	1	74	19.64	19.72	19.79		
15	16QAM	36	0	19.66	19.86	19.81		
15	16QAM	36	20	19.73	19.79	19.87	20.5	0
15	16QAM	36	39	19.76	19.85	19.78		
15	16QAM	75	0	19.70	19.74	19.87		
15	64QAM	1	0	19.73	19.70	19.75		
15	64QAM	1	37	19.55	19.47	19.45	20.5	0
15	64QAM	1	74	19.25	19.37	19.40		
15	64QAM	36	0	19.61	19.77	19.79		
15	64QAM	36	20	19.73	19.80	19.83	20.5	0
15	64QAM	36	39	19.74	19.70	19.78		
15	64QAM	75	0	19.64	19.78	19.78		
15	256QAM	1	0	19.56	19.51	19.62		
15	256QAM	1	37	19.74	19.86	19.85	20.5	0
15	256QAM	1	74	19.46	19.73	19.66		
15	256QAM	36	0	19.69	19.80	19.87		
15	256QAM	36	20	19.69	19.79	19.79	20.5	0
15	256QAM	36	39	19.71	19.73	19.72		
15	256QAM	75	0	19.66	19.70	19.78		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.53	19.57	19.65		
10	QPSK	1	25	19.84	19.88	19.90	20.5	0
10	QPSK	1	49	19.59	19.77	19.71		
10	QPSK	25	0	19.69	19.79	19.84		
10	QPSK	25	12	19.78	19.88	19.88	20.5	0
10	QPSK	25	25	19.68	19.77	19.86		
10	QPSK	50	0	19.71	19.87	19.80		
10	16QAM	1	0	19.54	19.61	19.47		
10	16QAM	1	25	19.77	19.82	19.81	20.5	0
10	16QAM	1	49	19.56	19.71	19.71		
10	16QAM	25	0	19.69	19.87	19.80		
10	16QAM	25	12	19.80	19.86	19.77	20.5	0
10	16QAM	25	25	19.80	19.82	19.79		
10	16QAM	50	0	19.68	19.79	19.84		
10	64QAM	1	0	19.75	19.78	19.76		
10	64QAM	1	25	19.62	19.40	19.44	20.5	0
10	64QAM	1	49	19.30	19.30	19.38		
10	64QAM	25	0	19.66	19.82	19.83		
10	64QAM	25	12	19.75	19.86	19.79	20.5	0
10	64QAM	25	25	19.72	19.69	19.81		
10	64QAM	50	0	19.65	19.72	19.84		
10	256QAM	1	0	19.57	19.45	19.56		
10	256QAM	1	25	19.80	19.85	19.90	20.5	0
10	256QAM	1	49	19.52	19.76	19.67		
10	256QAM	25	0	19.68	19.80	19.90		
10	256QAM	25	12	19.67	19.80	19.81	20.5	0
10	256QAM	25	25	19.68	19.70	19.77		
10	256QAM	50	0	19.65	19.75	19.72		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.57	19.59	19.64		
5	QPSK	1	12	19.80	19.89	19.82	20.5	0
5	QPSK	1	24	19.57	19.73	19.71		
5	QPSK	12	0	19.73	19.81	19.86		
5	QPSK	12	7	19.78	19.90	19.88	20.5	0
5	QPSK	12	13	19.67	19.78	19.87		
5	QPSK	25	0	19.72	19.83	19.80		
5	16QAM	1	0	19.63	19.57	19.57		
5	16QAM	1	12	19.73	19.79	19.86	20.5	0
5	16QAM	1	24	19.66	19.68	19.77		
5	16QAM	12	0	19.69	19.76	19.78		
5	16QAM	12	7	19.81	19.84	19.78	20.5	0
5	16QAM	12	13	19.76	19.78	19.76		
5	16QAM	25	0	19.74	19.85	19.84		
5	64QAM	1	0	19.74	19.72	19.72		
5	64QAM	1	12	19.64	19.44	19.48	20.5	0
5	64QAM	1	24	19.32	19.30	19.34		
5	64QAM	12	0	19.71	19.78	19.77		
5	64QAM	12	7	19.75	19.85	19.85	20.5	0
5	64QAM	12	13	19.73	19.79	19.81		
5	64QAM	25	0	19.72	19.79	19.81		
5	256QAM	1	0	19.56	19.54	19.56		
5	256QAM	1	12	19.76	19.86	19.85	20.5	0
5	256QAM	1	24	19.45	19.71	19.65		
5	256QAM	12	0	19.70	19.83	19.82		
5	256QAM	12	7	19.72	19.85	19.81	20.5	0
5	256QAM	12	13	19.66	19.70	19.75		
5	256QAM	25	0	19.71	19.81	19.76		

Band 7 Main PA_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	18.31	18.31	18.32		
20	QPSK	1	49	18.58	18.64	18.63	19	0
20	QPSK	1	99	18.32	18.40	18.51		
20	QPSK	50	0	18.48	18.58	18.61		
20	QPSK	50	24	18.54	18.63	18.62	19	0
20	QPSK	50	50	18.52	18.53	18.52		
20	QPSK	100	0	18.46	18.61	18.51		
20	16QAM	1	0	18.29	18.34	18.26		
20	16QAM	1	49	18.46	18.48	18.56	19	0
20	16QAM	1	99	18.30	18.41	18.39		
20	16QAM	50	0	18.44	18.61	18.55		
20	16QAM	50	24	18.58	18.62	18.60	19	0
20	16QAM	50	50	18.59	18.55	18.59		
20	16QAM	100	0	18.43	18.52	18.52		
20	64QAM	1	0	18.55	18.61	18.54		
20	64QAM	1	49	18.61	18.63	18.58	19	0
20	64QAM	1	99	18.50	18.58	18.63		
20	64QAM	50	0	18.49	18.63	18.59		
20	64QAM	50	24	18.54	18.54	18.60	19	0
20	64QAM	50	50	18.58	18.58	18.53		
20	64QAM	100	0	18.48	18.60	18.57		
20	256QAM	1	0	18.22	18.24	18.27		
20	256QAM	1	49	18.49	18.60	18.52	19	0
20	256QAM	1	99	18.31	18.35	18.46		
20	256QAM	50	0	18.38	18.54	18.51		
20	256QAM	50	24	18.48	18.59	18.57	19	0
20	256QAM	50	50	18.44	18.45	18.41		
20	256QAM	100	0	18.44	18.52	18.50		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.31	18.31	18.28		
15	QPSK	1	37	18.47	18.58	18.63	19	0
15	QPSK	1	74	18.25	18.33	18.46		
15	QPSK	36	0	18.42	18.47	18.52		
15	QPSK	36	20	18.54	18.54	18.59	19	0
15	QPSK	36	39	18.49	18.54	18.52		
15	QPSK	75	0	18.44	18.49	18.44		
15	16QAM	1	0	18.23	18.28	18.21		
15	16QAM	1	37	18.41	18.39	18.55	19	0
15	16QAM	1	74	18.23	18.38	18.40		
15	16QAM	36	0	18.39	18.61	18.43		
15	16QAM	36	20	18.52	18.59	18.61	19	0
15	16QAM	36	39	18.57	18.49	18.49		
15	16QAM	75	0	18.36	18.41	18.48		
15	64QAM	1	0	18.55	18.51	18.55		
15	64QAM	1	37	18.53	18.57	18.50	19	0
15	64QAM	1	74	18.47	18.54	18.51		
15	64QAM	36	0	18.48	18.55	18.56		
15	64QAM	36	20	18.50	18.48	18.56	19	0
15	64QAM	36	39	18.51	18.53	18.49		
15	64QAM	75	0	18.40	18.58	18.47		
15	256QAM	1	0	18.11	18.18	18.23		
15	256QAM	1	37	18.42	18.56	18.42	19	0
15	256QAM	1	74	18.29	18.29	18.42		
15	256QAM	36	0	18.28	18.51	18.50		
15	256QAM	36	20	18.37	18.56	18.50	19	0
15	256QAM	36	39	18.38	18.45	18.35		
15	256QAM	75	0	18.36	18.50	18.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.24	18.29	18.26		
10	QPSK	1	25	18.58	18.59	18.54	19	0
10	QPSK	1	49	18.31	18.34	18.47		
10	QPSK	25	0	18.45	18.51	18.61		
10	QPSK	25	12	18.48	18.52	18.58	19	0
10	QPSK	25	25	18.49	18.51	18.47		
10	QPSK	50	0	18.37	18.56	18.41		
10	16QAM	1	0	18.25	18.29	18.19		
10	16QAM	1	25	18.44	18.45	18.46	19	0
10	16QAM	1	49	18.22	18.41	18.40		
10	16QAM	25	0	18.34	18.56	18.49		
10	16QAM	25	12	18.53	18.52	18.52	19	0
10	16QAM	25	25	18.49	18.52	18.52		
10	16QAM	50	0	18.41	18.46	18.47		
10	64QAM	1	0	18.50	18.53	18.55		
10	64QAM	1	25	18.57	18.55	18.52	19	0
10	64QAM	1	49	18.50	18.52	18.57		
10	64QAM	25	0	18.47	18.59	18.54		
10	64QAM	25	12	18.44	18.44	18.52	19	0
10	64QAM	25	25	18.52	18.58	18.48		
10	64QAM	50	0	18.38	18.58	18.46		
10	256QAM	1	0	18.19	18.23	18.23		
10	256QAM	1	25	18.45	18.52	18.52	19	0
10	256QAM	1	49	18.31	18.24	18.36		
10	256QAM	25	0	18.33	18.52	18.49		
10	256QAM	25	12	18.43	18.50	18.55	19	0
10	256QAM	25	25	18.40	18.45	18.37		
10	256QAM	50	0	18.34	18.44	18.41		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.22	18.25	18.30		
5	QPSK	1	12	18.55	18.57	18.53	19	0
5	QPSK	1	24	18.24	18.33	18.51		
5	QPSK	12	0	18.43	18.51	18.55		
5	QPSK	12	7	18.48	18.61	18.59	19	0
5	QPSK	12	13	18.50	18.47	18.50		
5	QPSK	25	0	18.44	18.59	18.39		
5	16QAM	1	0	18.21	18.27	18.21		
5	16QAM	1	12	18.36	18.43	18.47	19	0
5	16QAM	1	24	18.22	18.35	18.34		
5	16QAM	12	0	18.40	18.55	18.53		
5	16QAM	12	7	18.52	18.57	18.55	19	0
5	16QAM	12	13	18.59	18.50	18.52		
5	16QAM	25	0	18.34	18.52	18.49		
5	64QAM	1	0	18.49	18.56	18.46		
5	64QAM	1	12	18.51	18.54	18.49	19	0
5	64QAM	1	24	18.43	18.48	18.58		
5	64QAM	12	0	18.41	18.62	18.58		
5	64QAM	12	7	18.50	18.49	18.54	19	0
5	64QAM	12	13	18.52	18.52	18.50		
5	64QAM	25	0	18.44	18.54	18.50		
5	256QAM	1	0	18.21	18.15	18.19		
5	256QAM	1	12	18.44	18.55	18.50	19	0
5	256QAM	1	24	18.28	18.31	18.41		
5	256QAM	12	0	18.33	18.53	18.42		
5	256QAM	12	7	18.47	18.54	18.56	19	0
5	256QAM	12	13	18.42	18.46	18.30		
5	256QAM	25	0	18.42	18.49	18.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.74	19.51	19.56		
20	QPSK	1	49	19.88	19.95	19.86	20.5	0
20	QPSK	1	99	19.58	19.76	19.69		
20	QPSK	50	0	19.68	19.87	19.80		
20	QPSK	50	24	19.87	19.94	19.93	20.5	0
20	QPSK	50	50	19.78	19.86	19.77		
20	QPSK	100	0	19.76	19.86	19.85		
20	16QAM	1	0	19.49	19.50	19.57		
20	16QAM	1	49	19.70	19.74	19.73	20.5	0
20	16QAM	1	99	19.36	19.58	19.66		
20	16QAM	50	0	19.78	19.91	19.93		
20	16QAM	50	24

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.62	23.31	23.61		
10	QPSK	1	25	23.68	23.69	23.66	24.5	0
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57		
10	QPSK	25	12	22.68	22.71	22.62	23.5	1
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81		
10	16QAM	1	25	22.83	22.87	22.87	23.5	1
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59		
10	16QAM	25	12	21.66	21.65	21.65	22.5	2
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65		
10	64QAM	1	25	21.73	21.73	21.70	22.5	2
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56		
10	64QAM	25	12	20.61	20.62	20.62	21.5	3
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.65	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98		
10	256QAM	1	25	18.98	18.95	19.03	19.5	5
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99		
10	256QAM	25	12	19.02	19.02	19.05	19.5	5
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51		
5	QPSK	1	12	23.63	23.62	23.57	24.5	0
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.56	22.54		
5	QPSK	12	7	22.72	22.67	22.57	23.5	1
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61		
5	16QAM	1	0	22.78	22.75	22.83		
5	16QAM	1	12	22.85	22.85	22.92	23.5	1
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59		
5	16QAM	12	7	21.60	21.62	21.57	22.5	2
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68		
5	64QAM	1	12	21.65	21.63	21.64	22.5	2
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56		
5	64QAM	12	7	20.66	20.61	20.60	21.5	3
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94		
5	256QAM	1	12	19.01	18.98	18.93	19.5	5
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99		
5	256QAM	12	7	19.00	19.00	19.07	19.5	5
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62		
3	QPSK	1	8	23.64	23.66	23.68	24.5	0
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57		
3	QPSK	8	4	22.62	22.65	22.53	23.5	1
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.73	22.82	22.76		
3	16QAM	1	8	22.85	22.84	22.79	23.5	1
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63		
3	16QAM	8	4	21.58	21.70	21.55	22.5	2
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64		
3	64QAM	1	8	21.76	21.68	21.63	22.5	2
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59		
3	64QAM	8	4	20.55	20.62	20.60	21.5	3
3	64QAM	8	7	20.64	20.52	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88		
3	256QAM	1	8	18.99	18.89	19.08	19.5	5
3	256QAM	1	14	19.02	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93		
3	256QAM	8	4	18.95	18.93	18.96	19.5	5
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.06	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52		
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61	24.5	0
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.37	22.47		
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55	23.5	1
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.68	21.47	21.67		
1.4	64QAM	1	3	21.61	21.61	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60	22.5	2
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80		
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98	19.5	5
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.98	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83		
10	QPSK	1	25	23.90	23.95	23.91	24.5	0
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78		
10	QPSK	25	12	22.83	22.93	22.85	23.5	1
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02		
10	16QAM	1	25	23.02	23.06	23.04	23.5	1
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88		
10	16QAM	25	12	21.83	21.86	21.89	22.5	2
10	16QAM	25	25	21.86	21.73	21.96		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98		
10	64QAM	1	25	22.00	22.04	22.04	22.5	2
10	64QAM	1	49	22.01	22.00	22.01		
10	64QAM	25	0	20.73	20.82	20.87		
10	64QAM	25	12	20.82	20.85	20.84	21.5	3
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27		
10	256QAM	1	25	19.25	19.25	19.25	19.5	5
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23		
10	256QAM	25	12	19.28	19.20	19.27	19.5	5
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84		
5	QPSK	1	12	23.82	23.85	23.82	24.5	0
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73		
5	QPSK	12	7	22.77	22.98	22.87	23.5	1
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85		
5	16QAM	1	0	22.80	22.88	23.02		
5	16QAM	1	12	22.94	23.04	23.07	23.5	1
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81		
5	16QAM	12	7	21.82	21.80	21.80	22.5	2
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96		
5	64QAM	1	12	21.92	21.97	22.08	22.5	2
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81		
5	64QAM	12	7	20.87	20.79	20.79	21.5	3
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.96		
5	256QAM	1	0	19.21	19.17	19.27		
5	256QAM	1	12	19.17	19.26	19.30	19.5	5
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26		
5	256QAM	12	7	19.18	19.16	19.17	19.5	5
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73		
3	QPSK	1	8	23.86	23.87	23.94	24.5	0
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.75	22.88	22.77		
3	QPSK	8	4	22.81	22.96	22.82	23.5	1
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.74	22.86	23.04		
3	16QAM	1	8	23.02	23.02	22.99	23.5	1
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83		
3	16QAM	8	4	21.83	21.82	21.87	22.5	2
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95		
3	64QAM	1	8	22.02	22.04	22.03	22.5	2
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82		
3	64QAM	8	4	20.83	20.84	20.83	21.5	3
3	64QAM	8	7	20.83	20.78	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20		
3	256QAM	1	8	19.19	19.29	19.15	19.5	5
3	256QAM	1	14	19.23	19.23	19.13		
3	256QAM	8	0	19.22	19.21	19.18		
3	256QAM	8	4	19.32	19.10	19.20	19.5	5
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	19.16	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83		
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.88	23.88	24.5	0
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.69		
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94	23.5	1
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.88	21.91	21.97		
1.4	64QAM	1	3	21.62	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80	22.5	2
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19		
1.4	256QAM	1	3	19.18	19.16	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06	19.5	5
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	5

Band 13 Main PA_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		24.49			
10	QPSK	1	25		24.61		25.5	0
10	QPSK	1	49		24.55			
10	QPSK	25	0		23.40			
10	QPSK	25	12		23.46		24.5	1
10	QPSK	25	25		23.44			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.54			
10	16QAM	1	25		23.51		24.5	1
10	16QAM	1	49		23.52			
10	16QAM	25	0		22.59			
10	16QAM	25	12		22.67		23.5	2
10	16QAM	25	25		22.66			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.64			
10	64QAM	1	25		22.73		23.5	2
10	64QAM	1	49		22.73			
10	64QAM	25	0		21.56			
10	64QAM	25	12		21.64		22.5	3
10	64QAM	25	25		21.59			
10	64QAM	50	0		21.56			
10	256QAM	1	0		19.67			
10	256QAM	1	25		19.54		20.5	5
10	256QAM	1	49		19.45			
10	256QAM	25	0		19.61			
10	256QAM	25	12		19.41		20.5	5
10	256QAM	25	25		19.43			
10	256QAM	50	0		19.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.21	24.22	24.31		
5	QPSK	1	12	24.48	24.44	24.34	25.5	0
5	QPSK	1	24	24.36	24.42	24.35		
5	QPSK	12	0	23.23	23.16	23.26		
5	QPSK	12	7	23.21	23.19	23.27	24.5	1
5	QPSK	12	13	23.22	23.25	23.16		
5	QPSK	25	0	23.38	23.31	23.36		
5	16QAM	1	0	23.38	23.38	23.26		
5	16QAM	1	12	23.28	23.36	23.34	24.5	1
5	16QAM	1	24	23.37	23.30	23.27		
5	16QAM	12	0	22.31	22.44	22.33		
5	16QAM	12	7	22.44	22.45	22.42	23.5	2
5	16QAM	12	13	22.35	22.42	22.42		
5	16QAM	25	0	22.35	22.30	22.41		
5	64QAM	1	0	22.46	22.40	22.43		
5	64QAM	1	12	22.52	22.52	22.50	23.5	2
5	64QAM	1	24	22.47	22.47	22.45		
5	64QAM	12	0	21.32	21.30	21.35		
5	64QAM	12	7	21.40	21.50	21.45	22.5	3
5	64QAM	12	13	21.43	21.42	21.41		
5	64QAM	25	0	21.32	21.43	21.30		
5	256QAM	1	0	19.51	19.44	19.39		
5	256QAM	1	12	19.36	19.40	19.30	20.5	5
5	256QAM	1	24	19.17	19.31	19.22		
5	256QAM	12	0	19.38	19.44	19.37		
5	256QAM	12	7	19.25	19.18	19.17	20.5	5
5	256QAM	12	13	19.28	19.16	19.22		
5	256QAM	25	0	19.31	19.27	19.18		

Band 13 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.59			
10	QPSK	1	25		24.72		25.5	0
10	QPSK	1	49		24.64			
10	QPSK	25	0		23.53			
10	QPSK	25	12		23.58		24.5	1
10	QPSK	25	25		23.54			
10	QPSK	50	0		23.55			
10	16QAM	1	0		23.71			
10	16QAM	1	25		23.81		24.5	1
10	16QAM	1	49		23.77			
10	16QAM	25	0		22.73			
10	16QAM	25	12		22.73		23.5	2
10	16QAM	25	25		22.71			
10	16QAM	50	0		22.67			
10	64QAM	1	0		22.80			
10	64QAM	1	25		22.92		23.5	2
10	64QAM	1	49		22.89			
10	64QAM	25	0		21.72			
10	64QAM	25	12		21.71		22.5	3
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.67			
10	256QAM	1	0		20.21			
10	256QAM	1	25		20.21		20.5	5
10	256QAM	1	49		20.18			
10	256QAM	25	0		20.21			
10	256QAM	25	12		20.29		20.5	5
10	256QAM	25	25		20.28			
10	256QAM	50	0		20.21			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.48	24.51	24.53		
5	QPSK	1	12	24.58	24.67	24.57	25.5	0
5	QPSK	1	24	24.56	24.49	24.46		
5	QPSK	12	0	23.46	23.40	23.39		
5	QPSK	12	7	23.44	23.42	23.49	24.5	1
5	QPSK	12	13	23.47	23.47	23.36		
5	QPSK	25	0	23.42	23.49	23.48		
5	16QAM	1	0	23.65	23.55	23.64		
5	16QAM	1	12	23.76	23.65	23.67	24.5	1
5	16QAM	1	24	23.69	23.67	23.69		
5	16QAM	12	0	22.66	22.57	22.67		
5	16QAM	12	7	22.56	22.54	22.64	23.5	2
5	16QAM	12	13	22.62	22.53	22.56		
5	16QAM	25	0	22.51	22.63	22.58		
5	64QAM	1	0	22.72	22.75	22.71		
5	64QAM	1	12	22.82	22.79	22.82	23.5	2
5	64QAM	1	24	22.81	22.74	22.83		
5	64QAM	12	0	21.68	21.55	21.59		
5	64QAM	12	7	21.64	21.57	21.59	22.5	3
5	64QAM	12	13	21.50	21.51	21.54		
5	64QAM	25	0	21.57	21.50	21.50		
5	256QAM	1	0	20.17	20.02	20.12		
5	256QAM	1	12	20.11	20.08	20.05	20.5	5
5	256QAM	1	24	20.02	20.08	20.03		
5	256QAM	12	0	20.08	20.05	20.06		
5	256QAM	12	7	20.13	20.12	20.13	20.5	5
5	256QAM	12	13	20.21	20.15	20.09		
5	256QAM	25	0	20.10	20.10	20.12		

Band 17 Main PA_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	23.22	23.21	23.33		
10	QPSK	1	25	23.65	23.67	23.63	24.5	0
10	QPSK	1	49	23.62	23.64	23.61		
10	QPSK	25	0	22.50	22.45	22.44		
10	QPSK	25	12	22.57	22.61	22.57	23.5	1
10	QPSK	25	25	22.51	22.47	22.52		
10	QPSK	50	0	22.49	22.52	22.48		
10	16QAM	1	0	22.78	22.77	22.74		
10	16QAM	1	25	22.88	22.87	22.79	23.5	1
10	16QAM	1	49	22.86	22.81	22.80		
10	16QAM	25	0	21.51	21.46	21.49		
10	16QAM	25	12	21.62	21.62	21.60	22.5	2
10	16QAM	25	25	21.51	21.47	21.52		
10	16QAM	50	0	21.47	21.45	21.52		
10	64QAM	1	0	21.64	21.64	21.61		
10	64QAM	1	25	21.73	21.70	21.63	22.5	2
10	64QAM	1	49	21.69	21.67	21.69		
10	64QAM	25	0	20.49	20.44	20.47		
10	64QAM	25	12	20.60	20.62	20.58	21.5	3
10	64QAM	25	25	20.51	20.48	20.49		
10	64QAM	50	0	20.49	20.45	20.50		
10	256QAM	1	0	18.86	18.88	18.89		
10	256QAM	1	25	18.93	18.87	18.85	19.5	5
10	256QAM	1	49	18.84	18.85	18.89		
10	256QAM	25	0	18.87	18.90	18.88		
10	256QAM	25	12	18.87	18.85	18.87	19.5	5
10	256QAM	25	25	18.87	18.91	18.89		
10	256QAM	50	0	18.86	18.93	18.92		
Channel				23725	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.23	23.20	23.32		
5	QPSK	1	12	23.64	23.66	23.62	24.5	0
5	QPSK	1	24	23.65	23.57	23.59		
5	QPSK	12	0	22.40	22.49	22.44		
5	QPSK	12	7	22.55	22.58	22.57	23.5	1
5	QPSK	12	13	22.53	22.50	22.57		
5	QPSK	25	0	22.46	22.42	22.49		
5	16QAM	1	0	22.70	22.73	22.68		
5	16QAM	1	12	22.91	22.86	22.83	23.5	1
5	16QAM	1	24	22.85	22.83	22.71		
5	16QAM	12	0	21.53	21.49	21.42		
5	16QAM	12	7	21.53	21.53	21.64	22.5	2
5	16QAM	12	13	21.52	21.47	21.44		
5	16QAM	25	0	21.45	21.47	21.57		
5	64QAM	1	0	21.67	21.55	21.51		
5	64QAM	12	0	21.67	21.69	21.57	22.5	2
5	64QAM	1	24	21.71	21.66	21.63		
5	64QAM	12	0	20.53	20.35	20.37		
5	64QAM	12	7	20.54	20.61	20.54	21.5	3
5	64QAM	12	13	20.43	20.43	20.39		
5	64QAM	25	0	20.40	20.46	20.47		
5	256QAM	1	0	18.83	18.82	18.88		
5	256QAM	1	12	18.86	18.85	18.82	19.5	5
5	256QAM	1	24	18.78	18.85	18.88		
5	256QAM	12	0	18.79	18.90	18.88		
5	256QAM	12	7	18.81	18.78	18.79	19.5	5
5	256QAM	12	13	18.78	18.81	18.85		
5	256QAM	25	0	18.90	18.85	18.85		

Band 17 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.44	23.45	23.56		
10	QPSK	1	25	23.82	23.88	23.83	24.5	0
10	QPSK	1	49	23.81	23.81	23.81		
10	QPSK	25	0	22.78	22.78	22.80		
10	QPSK	25	12	22.86	22.87	22.86	23.5	1
10	QPSK	25	25	22.80	22.79	22.80		
10	QPSK	50	0	22.85	22.87	22.81		
10	16QAM	1	0	22.95	23.02	22.96		
10	16QAM	1	25	23.08	23.05	23.04	23.5	1
10	16QAM	1	49	23.06	22.99	23.05		
10	16QAM	25	0	21.83	21.77	21.80		
10	16QAM	25	12	21.89	21.88	21.87	22.5	2
10	16QAM	25	25	21.79	21.81	21.85		
10	16QAM	50	0	21.78	21.78	21.85		
10	64QAM	1	0	21.97	21.95	21.93		
10	64QAM	1	25	22.05	22.03	21.96	22.5	2
10	64QAM	1	49	22.02	22.03	22.02		
10	64QAM	25	0	20.76	20.75	20.77		
10	64QAM	25	12	20.84	20.86	20.85	21.5	3
10	64QAM	25	25	20.79	20.76	20.83		
10	64QAM	50	0	20.78	20.77	20.82		
10	256QAM	1	0	19.19	19.16	19.13		
10	256QAM	1	25	19.16	19.12	19.11	19.5	5
10	256QAM	1	49	19.11	19.24	19.22		
10	256QAM	25	0	19.26	19.14	19.24		
10	256QAM	25	12	19.14	19.11	19.22	19.5	5
10	256QAM	25	25	19.11	19.18	19.15		
10	256QAM	50	0	19.22	19.24	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.44	23.43	23.53		
5	QPSK	1	12	23.86	23.82	23.81	24.5	0
5	QPSK	1	24	23.72	23.77	23.83		
5	QPSK	12	0	22.74	22.80	22.73		
5	QPSK	12	7	22.79	22.81	22.88	23.5	1
5	QPSK	12	13	22.82	22.72	22.80		
5	QPSK	25	0	22.88	22.83	22.86		
5	16QAM	1	0	22.89	22.95	22.86		
5	16QAM	1	12	23.07	22.98	22.97	23.5	1
5	16QAM	1	24	23.00	22.91	23.07		
5	16QAM	12	0	21.78	21.70	21.76		
5	16QAM	12	7	21.87	21.81	21.82	22.5	2
5	16QAM	12	13	21.76	21.73	21.76		
5	16QAM	25	0	21.68	21.75	21.78		
5	64QAM	1	0	21.92	21.95	21.92		
5	64QAM	1	12	21.97	21.93	21.93	22.5	2
5	64QAM	1	24	21.93	22.05	22.05		
5	64QAM	12	0	20.79	20.77	20.77		
5	64QAM	12	7	20.87	20.81	20.85	21.5	3
5	64QAM	12	13	20.81	20.72	20.87		
5	64QAM	25	0	20.80	20.73	20.86		
5	256QAM	1	0	19.09	19.20	19.14		
5	256QAM	1	12	19.09	19.07	19.11	19.5	5
5	256QAM	1	24	19.03	19.21	19.19		
5	256QAM	12	0	19.18	19.13	19.27		
5	256QAM	12	7	19.06	19.07	19.22	19.5	5
5	256QAM	12	13	19.04	19.14	19.20		
5	256QAM	25	0	19.28	19.26	19.25		

Band 26 Main PA_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	24.58	24.56	24.54		
15	QPSK	1	37	24.63	24.65	24.58	25.5	0
15	QPSK	1	74	24.61	24.49	24.41		
15	QPSK	36	0	23.60	23.50	23.55		
15	QPSK	36	20	23.65	23.66	23.57	24.5	1
15	QPSK	36	39	23.56	23.58	23.43		
15	QPSK	75	0	23.51	23.55	23.52		
15	16QAM	1	0	23.67	23.72	23.75		
15	16QAM	1	37	23.87	23.84	23.85	24.5	1
15	16QAM	1	74	23.74	23.70	23.68		
15	16QAM	36	0	22.57	22.53	22.57		
15	16QAM	36	20	22.60	22.57	22.51	23.5	2
15	16QAM	36	39	22.65	22.57	22.44		
15	16QAM	75	0	22.62	22.52	22.50		
15	64QAM	1	0	22.62	22.71	22.69		
15	64QAM	1	37	22.77	22.83	22.74	23.5	2
15	64QAM	1	74	22.68	22.84	22.54		
15	64QAM	36	0	21.79	21.68	21.56		
15	64QAM	36	20	21.79	21.60	21.52	22.5	3
15	64QAM	36	39	21.84	21.55	21.39		
15	64QAM	75	0	21.79	21.67	21.46		
15	256QAM	1	0	19.54	19.58	19.53		
15	256QAM	1	37	19.59	19.57	19.54	20.5	5
15	256QAM	1	74	19.62	19.56	19.55		
15	256QAM	36	0	19.57	19.57	19.63		
15	256QAM	36	20	19.60	19.53	19.55	20.5	5
15	256QAM	36	39	19.60	19.56	19.53		
15	256QAM	75	0	19.61	19.54	19.58		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.56	24.48	24.51		
10	QPSK	1	25	24.64	24.64	24.60	25.5	0
10	QPSK	1	49	24.52	24.42	24.42		
10	QPSK	25	0	23.52	23.53	23.59		
10	QPSK	25	12	23.55	23.56	23.62	24.5	1
10	QPSK	25	25	23.61	23.60	23.34		
10	QPSK	50	0	23.45	23.49	23.52		
10	16QAM	1	0	23.93	23.87	23.71		
10	16QAM	1	25	23.92	23.87	23.82	24.5	1
10	16QAM	1	49	23.79	23.75	23.70		
10	16QAM	25	0	22.58	22.43	22.62		
10	16QAM	25	12	22.53	22.53	22.54	23.5	2
10	16QAM	25	25	22.64	22.47	22.45		
10	16QAM	50	0	22.58	22.51	22.53		
10	64QAM	1	0	22.65	22.74	22.64		
10	64QAM	1	25	22.75	22.83	22.67	23.5	2
10	64QAM	1	49	22.68	22.84	22.45		
10	64QAM	25	0	21.69	21.72	21.57		
10	64QAM	25	12	21.83	21.52	21.44	22.5	3
10	64QAM	25	25	21.87	21.53	21.44		
10	64QAM	50	0	21.82	21.47	21.40		
10	256QAM	1	0	19.51	19.63	19.46		
10	256QAM	1	25	19.56	19.61	19.58	20.5	5
10	256QAM	1	49	19.58	19.60	19.60		
10	256QAM	25	0	19.61	19.62	19.53		
10	256QAM	25	12	19.60	19.57	19.47	20.5	5
10	256QAM	25	25	19.55	19.60	19.46		
10	256QAM	50	0	19.54	19.49	19.56		
Channel				26718	26862	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.49	24.47	24.55		
5	QPSK	1	12	24.56	24.63	24.62	25.5	0
5	QPSK	1	24	24.60	24.51	24.35		
5	QPSK	12	0	23.52	23.43	23.46		
5	QPSK	12	7	23.57	23.60	23.48	24.5	1
5	QPSK	12	13	23.56	23.51	23.48		
5	QPSK	25	0	23.55	23.58	23.52		
5	16QAM	1	0	23.65	23.65	23.68		
5	16QAM	1	12	23.86	23.80	23.84	24.5	1
5	16QAM	1	24	23.71	23.71	23.61		
5	16QAM	12	0	22.55	22.58	22.51		
5	16QAM	12	7	22.55	22.61	22.55	23.5	2
5	16QAM	12	13	22.61	22.49	22.44		
5	16QAM	25	0	22.54	22.45	22.53		
5	64QAM	1	0	22.58	22.66	22.69		
5	64QAM	1	12	22.76	22.80	22.70	23.5	2
5	64QAM	1	24	22.60	22.59	22.55		
5	64QAM	12	0	21.74	21.61	21.56		
5	64QAM	12	7	21.71	21.65	21.55	22.5	3
5	64QAM	12	13	21.81	21.58	21.45		
5	64QAM	25	0	21.77	21.52	21.42		
5	256QAM	1	0	19.57	19.48	19.51		
5	256QAM	1	12	19.50	19.58	19.48	20.5	5
5	256QAM	1	24	19.53	19.51	19.59		
5	256QAM	12	0	19.57	19.62	19.58		
5	256QAM	12	7	19.64	19.50	19.57	20.5	5
5	256QAM	12	13	19.63	19.54	19.46		
5	256QAM	25	0	19.51	19.48	19.62		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.53	24.50	24.49		
3	QPSK	1	8	24.57	24.55	24.57	25.5	0
3	QPSK	1	14	24.55	24.42	24.41		
3	QPSK	8	0	23.62	23.51	23.50		
3	QPSK	8	4	23.58	23.58	23.54	24.5	1
3	QPSK	8	7	23.61	23.59	23.34		
3	QPSK	15	0	23.50	23.46	23.44		
3	16QAM	1	0	23.69	23.65	23.76		
3	16QAM	1	8	23.85	23.77	23.83	24.5	1
3	16QAM	1	14	23.75	23.73	23.70		
3	16QAM	8	0	22.62	22.52	22.59		
3	16QAM	8	4	22.62	22.55	22.47	23.5	2
3	16QAM	8	7	22.59	22.55	22.40		
3	16QAM	15	0	22.61	22.51	22.52		
3	64QAM	1	0	22.62	22.64	22.68		
3	64QAM	1	8	22.78	22.75	22.66	23.5	2
3	64QAM	1	14	22.58	22.57	22.47		
3	64QAM	8	0	21.79	21.62	21.55		
3	64QAM	8	4	21.78	21.53	21.42	22.5	3
3	64QAM	8	7	21.83	21.58	21.36		
3	64QAM	15	0	21.74	21.50	21.48		
3	256QAM	1	0	19.56	19.59	19.50		
3	256QAM	1	8	19.58	19.47	19.57	20.5	5
3	256QAM	1	14	19.63	19.48	19.55		
3	256QAM	8	0	19.52	19.56	19.61		
3	256QAM	8	4	19.52	19.51	19.53	20.5	5
3	256QAM	8	7	19.58	19.59	19.44		
3	256QAM	15	0	19.66	19.59	19.58		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.53	24.46	24.46		
1.4	QPSK	1	3	24.58	24.60	24.57		
1.4	QPSK	1	5	24.62	24.58	24.47	25.5	0
1.4	QPSK	3	0	24.57	24.55	24.45		
1.4	QPSK	3	1	24.57	24.47	24.45		
1.4	QPSK	3	3	24.52	24.51	24.44		
1.4	QPSK	6	0	23.64	23.51	23.46	24.5	1
1.4	16QAM	1	0	23.55	23.41	23.47		
1.4	16QAM	1	3	23.56	23.42	23.48		
1.4	16QAM	1	5	23.56	23.49	23.45	24.5	1
1.4	16QAM	3	0	23.64	23.41	23.57		
1.4	16QAM	3	1	23.64	23.48	23.55		
1.4	16QAM	3	3	23.65	23.51	23.50		
1.4	16QAM	6	0	22.58	22.43	22.48	23.5	2
1.4	64QAM	1	0	22.48	22.56	22.61		
1.4	64QAM	1	3	22.61	22.54	22.51		
1.4	64QAM	1	5	22.57	22.45	22.55	23.5	2
1.4	64QAM	3	0	22.54	22.52	22.60		
1.4	64QAM	3	1	22.51	22.47	22.60		
1.4	64QAM	3	3	22.57	22.47	22.53		
1.4	64QAM	6	0	21.77	21.67	21.51	22.5	3
1.4	256QAM	1	0	19.54	19.54	19.54		
1.4	256QAM	1	3	19.62	19.57	19.57		
1.4	256QAM	1	5	19.62	19.55	19.56	20.5	5
1.4	256QAM	3	0	19.58	19.49	19.66		
1.4	256QAM	3	1	19.61	19.57	19.49		
1.4	256QAM	3	3	19.62	19.48	19.51		
1.4	256QAM	6	0	19.54	19.47	19.48	20.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.69	24.74	24.69		
15	QPSK	1	37	24.81	24.84	24.73	25.5	0
15	QPSK	1	74	24.75	24.69	24.61		
15	QPSK	36	0	23.77	23.65	23.63		
15	QPSK	36	20	23.76	23.78	23.71	24.5	1
15	QPSK	36	39	23.73	23.68	23.58		
15	QPSK	75	0	23.71	23.73	23.67		
15	16QAM	1	0	23.85	23.91	23.88		
15	16QAM	1	37	24.01	24.01	23.94	24.5	1
15	16QAM	1	74	23.93	23.86	23.78		
15	16QAM	36	0	22.67	22.63	22.70		
15	16QAM	36	20	22.72	22.69	22.64	23.5	2
15	16QAM	36	39	22.75	22.70	22.57		
15	16QAM	75	0	22.71	22.63	22.65		
15	64QAM	1	0	22.66	22.69	22.67		
15	64QAM	1	37	22.81	22.80	22.72	23.5	2
15	64QAM	1	74	22.70	22.65	22.55		
15	64QAM	36	0	21.85	21.82	21.70		
15	64QAM	36	20	21.87	21.67	21.65	22.5	3
15	64QAM	36	39	21.92	21.68	21.58		
15	64QAM	75	0	21.88	21.70	21.62		
15	256QAM	1	0	20.00	19.98	19.96		
15	256QAM	1	37	20.05	19.93	19.97	20.5	5
15	256QAM	1	74	19.95	20.07	20.00		
15	256QAM	36	0	20.05	20.06	20.07		
15	256QAM	36	20	19.95	19.97	19.95	20.5	5
15	256QAM	36	39	19.97	20.01	20.04		
15	256QAM	75	0	20.00	19.97	19.95		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.74	24.60		
10	QPSK	1	25	24.73	24.75	24.69	25.5	0
10	QPSK	1	49	24.74	24.73	24.55		
10	QPSK	25	0	23.73	23.81	23.66		
10	QPSK	25	12	23.78	23.77	23.62	24.5	1
10	QPSK	25	25	23.64	23.60	23.56		
10	QPSK	50	0	23.67	23.71	23.59		
10	16QAM	1	0	23.80	23.94	23.93		
10	16QAM	1	25	24.03	23.97	23.87	24.5	1
10	16QAM	1	49	23.96	23.80	23.71		
10	16QAM	25	0	22.71	22.64	22.60		
10	16QAM	25	12	22.64	22.66	22.57	23.5	2
10	16QAM	25	25	22.69	22.64	22.56		
10	16QAM	50	0	22.67	22.55	22.62		
10	64QAM	1	0	22.66	22.65	22.68		
10	64QAM	1	25	22.73	22.74	22.67	23.5	2
10	64QAM	1	49	22.74	22.78	22.46		
10	64QAM	25	0	21.88	21.83	21.62		
10	64QAM	25	12	21.87	21.72	21.59	22.5	3
10	64QAM	25	25	21.95	21.72	21.54		
10	64QAM	50	0	21.88	21.59	21.58		
10	256QAM	1	0	19.94	20.03	19.99		
10	256QAM	1	25	20.04	19.95	19.96	20.5	5
10	256QAM	1	49	19.90	20.06	20.03		
10	256QAM	25	0	20.02	20.07	20.11		
10	256QAM	25	12	19.91	20.00	19.89	20.5	5
10	256QAM	25	25	19.95	19.97	19.98		
10	256QAM	50	0	20.02	19.92	19.86		
Channel				26718	26862	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.69	24.72	24.68		
5	QPSK	1	12	24.76	24.83	24.73	25.5	0
5	QPSK	1	24	24.67	24.72	24.51		
5	QPSK	12	0	23.74	23.66	23.62		
5	QPSK	12	7	23.67	23.72	23.64	24.5	1
5	QPSK	12	13	23.72	23.71	23.52		
5	QPSK	25	0	23.70	23.78	23.59		
5	16QAM	1	0	23.84	23.86	23.93		
5	16QAM	1	12	23.93	24.06	23.93	24.5	1
5	16QAM	1	24	23.94	23.77	23.81		
5	16QAM	12	0	22.66	22.54	22.73		
5	16QAM	12	7	22.70	22.63	22.63	23.5	2
5	16QAM	12	13	22.70	22.65	22.53		
5	16QAM	25	0	22.75	22.60	22.65		
5	64QAM	1	0	22.69	22.71	22.72		
5	64QAM	1	12	22.72	22.72	22.73	23.5	2
5	64QAM	1	24	22.61	22.58	22.46		
5	64QAM	12	0	21.81	21.83	21.61		
5	64QAM	12	7	21.80	21.58	21.58	22.5	3
5	64QAM	12	13	21.82	21.63	21.53		
5	64QAM	25	0	21.78	21.47	21.59		
5	256QAM	1	0	19.97	19.92	19.87		
5	256QAM	1	12	19.97	19.83	19.99	20.5	5
5	256QAM	1	24	19.89	19.99	19.91		
5	256QAM	12	0	20.06	19.96	20.04		
5	256QAM	12	7	20.00	19.98	19.93	20.5	5
5	256QAM	12	13	19.97	19.92	20.07		
5	256QAM	25	0	19.94	19.89	19.88		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.67	24.79	24.66		
3	QPSK	1	8	24.79	24.82	24.68	25.5	0
3	QPSK	1	14	24.77	24.66	24.62		
3	QPSK	8	0	23.74	23.69	23.64		
3	QPSK	8	4	23.73	23.70	23.62	24.5	1
3	QPSK	8	7	23.73	23.68	23.54		
3	QPSK	15	0	23.74	23.67	23.63		
3	16QAM	1	0	23.82	23.93	23.85		
3	16QAM	1	8	24.02	23.96	23.88

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.34	20.28	20.28	21.5	0
20	QPSK	1	49	20.35	20.43	20.42		
20	QPSK	1	99	20.16	20.20	20.19		
20	QPSK	50	0	19.33	19.28	19.28	20.5	1
20	QPSK	50	24	19.40	19.41	19.36		
20	QPSK	50	50	19.27	19.31	19.30		
20	QPSK	100	0	19.31	19.32	19.30		
20	16QAM	1	0	19.45	19.44	19.45	20.5	1
20	16QAM	1	49	19.50	19.56	19.62		
20	16QAM	1	99	19.31	19.31	19.31		
20	16QAM	50	0	18.38	18.24	18.28	19.5	2
20	16QAM	50	24	18.34	18.30	18.34		
20	16QAM	50	50	18.23	18.31	18.32		
20	16QAM	100	0	18.26	18.24	18.29		
20	64QAM	1	0	18.39	18.41	18.44	19.5	2
20	64QAM	1	49	18.43	18.49	18.54		
20	64QAM	1	99	18.26	18.29	18.34		
20	64QAM	50	0	17.32	17.25	17.24	18.5	3
20	64QAM	50	24	17.33	17.32	17.32		
20	64QAM	50	50	17.21	17.30	17.35		
20	64QAM	100	0	17.22	17.23	17.24		
20	256QAM	1	0	15.39	15.34	15.32	16.5	5
20	256QAM	1	49	15.43	15.31	15.33		
20	256QAM	1	99	15.35	15.42	15.31		
20	256QAM	50	0	15.41	15.37	15.35	16.5	5
20	256QAM	50	24	15.43	15.40	15.36		
20	256QAM	50	50	15.36	15.42	15.29		
20	256QAM	100	0	15.32	15.43	15.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.34	20.19	20.19	21.5	0
15	QPSK	1	37	20.35	20.42	20.34		
15	QPSK	1	74	20.20	20.20	20.11		
15	QPSK	36	0	19.24	19.30	19.20	20.5	1
15	QPSK	36	20	19.40	19.45	19.33		
15	QPSK	36	39	19.22	19.25	19.23		
15	QPSK	75	0	19.30	19.29	19.28		
15	16QAM	1	0	19.46	19.46	19.44	20.5	1
15	16QAM	1	37	19.45	19.56	19.58		
15	16QAM	1	74	19.33	19.31	19.23		
15	16QAM	36	0	18.28	18.17	18.24	19.5	2
15	16QAM	36	20	18.35	18.34	18.39		
15	16QAM	36	39	18.14	18.32	18.30		
15	16QAM	75	0	18.26	18.14	18.26		
15	64QAM	1	0	18.43	18.32	18.48	19.5	2
15	64QAM	1	37	18.45	18.43	18.44		
15	64QAM	1	74	18.29	18.33	18.37		
15	64QAM	36	0	17.28	17.16	17.26	18.5	3
15	64QAM	36	20	17.34	17.31	17.29		
15	64QAM	36	39	17.16	17.25	17.31		
15	64QAM	75	0	17.21	17.22	17.28		
15	256QAM	1	0	15.42	15.29	15.31	16.5	5
15	256QAM	1	37	15.42	15.29	15.27		
15	256QAM	1	74	15.30	15.38	15.32		
15	256QAM	36	0	15.46	15.29	15.36	16.5	5
15	256QAM	36	20	15.46	15.39	15.27		
15	256QAM	36	39	15.40	15.41	15.21		
15	256QAM	75	0	15.32	15.35	15.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.35	20.29	20.22	21.5	0
10	QPSK	1	25	20.30	20.33	20.40		
10	QPSK	1	49	20.10	20.24	20.16		
10	QPSK	25	0	19.30	19.22	19.33	20.5	1
10	QPSK	25	12	19.43	19.37	19.40		
10	QPSK	25	25	19.21	19.27	19.34		
10	QPSK	50	0	19.35	19.23	19.34		
10	16QAM	1	0	19.38	19.40	19.42	20.5	1
10	16QAM	1	25	19.45	19.48	19.53		
10	16QAM	1	49	19.31	19.29	19.21		
10	16QAM	25	0	18.40	18.17	18.31	19.5	2
10	16QAM	25	12	18.31	18.34	18.29		
10	16QAM	25	25	18.26	18.35	18.36		
10	16QAM	50	0	18.31	18.19	18.22		
10	64QAM	1	0	18.37	18.31	18.37	19.5	2
10	64QAM	1	25	18.33	18.39	18.57		
10	64QAM	1	49	18.29	18.31	18.36		
10	64QAM	25	0	17.27	17.22	17.25	18.5	3
10	64QAM	25	12	17.31	17.33	17.26		
10	64QAM	25	25	17.26	17.25	17.30		
10	64QAM	50	0	17.19	17.23	17.14		
10	256QAM	1	0	15.33	15.35	15.26	16.5	5
10	256QAM	1	25	15.44	15.26	15.27		
10	256QAM	1	49	15.27	15.41	15.23		
10	256QAM	25	0	15.37	15.27	15.32	16.5	5
10	256QAM	25	12	15.35	15.40	15.35		
10	256QAM	25	25	15.32	15.35	15.30		
10	256QAM	50	0	15.24	15.40	15.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.34	20.19	20.25	21.5	0
5	QPSK	1	12	20.29	20.34	20.40		
5	QPSK	1	24	20.19	20.12	20.12		
5	QPSK	12	0	19.35	19.18	19.18	20.5	1
5	QPSK	12	7	19.45	19.43	19.30		
5	QPSK	12	13	19.17	19.33	19.23		
5	QPSK	25	0	19.21	19.32	19.28		
5	16QAM	1	0	19.35	19.46	19.44	20.5	1
5	16QAM	1	12	19.49	19.56	19.52		
5	16QAM	1	24	19.21	19.24	19.27		
5	16QAM	12	0	18.37	18.18	18.20	19.5	2
5	16QAM	12	7	18.35	18.22	18.34		
5	16QAM	12	13	18.22	18.23	18.36		
5	16QAM	25	0	18.19	18.18	18.32		
5	64QAM	1	0	18.38	18.45	18.47	19.5	2
5	64QAM	1	12	18.45	18.47	18.53		
5	64QAM	1	24	18.18	18.27	18.24		
5	64QAM	12	0	17.26	17.30	17.25	18.5	3
5	64QAM	12	7	17.26	17.22	17.30		
5	64QAM	12	13	17.15	17.21	17.40		
5	64QAM	25	0	17.26	17.24	17.16		
5	256QAM	1	0	15.35	15.27	15.36	16.5	5
5	256QAM	1	12	15.44	15.28	15.31		
5	256QAM	1	24	15.40	15.41	15.34		
5	256QAM	12	0	15.43	15.36	15.29	16.5	5
5	256QAM	12	7	15.39	15.37	15.33		
5	256QAM	12	13	15.31	15.35	15.29		
5	256QAM	25	0	15.35	15.42	15.29		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.32	20.26	20.27	21.5	0
3	QPSK	1	8	20.31	20.35	20.35		
3	QPSK	1	14	20.16	20.13	20.15		
3	QPSK	8	0	19.26	19.21	19.18	20.5	1
3	QPSK	8	4	19.42	19.41	19.31		
3	QPSK	8	7	19.29	19.29	19.28		
3	QPSK	15	0	19.27	19.35	19.33		
3	16QAM	1	0	19.49	19.45	19.41	20.5	1
3	16QAM	1	8	19.42	19.47	19.56		
3	16QAM	1	14	19.23	19.33	19.34		
3	16QAM	8	0	18.30	18.20	18.23	19.5	2
3	16QAM	8	4	18.38	18.20	18.37		
3	16QAM	8	7	18.20	18.21	18.36		
3	16QAM	15	0	18.29	18.17	18.23		
3	64QAM	1	0	18.31	18.32	18.34	19.5	2
3	64QAM	1	8	18.34	18.53	18.45		
3	64QAM	1	14	18.19	18.34	18.34		
3	64QAM	8	0	17.32	17.25	17.24	18.5	3
3	64QAM	8	4	17.25	17.29	17.28		
3	64QAM	8	7	17.26	17.20	17.39		
3	64QAM	15	0	17.17	17.18	17.27		
3	256QAM	1	0	15.35	15.28	15.36	16.5	5
3	256QAM	1	8	15.47	15.33	15.30		
3	256QAM	1	14	15.33	15.37	15.33		
3	256QAM	8	0	15.41	15.41	15.36	16.5	5
3	256QAM	8	4	15.47	15.40	15.41		
3	256QAM	8	7	15.38	15.37	15.19		
3	256QAM	15	0	15.32	15.43	15.34		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.29	20.33	20.21	21.5	0
1.4	QPSK	1	3	20.29	20.33	20.18		
1.4	QPSK	1	5	20.34	20.28	20.30		
1.4	QPSK	3	0	20.36	20.31	20.21		
1.4	QPSK	3	1	20.31	20.21	20.30		
1.4	QPSK	3	3	20.39	20.28	20.31		
1.4	QPSK	6	0	19.45	19.44	19.42	20.5	1
1.4	16QAM	1	0	19.43	19.35	19.44	20.5	1
1.4	16QAM	1	3	19.42	19.36	19.50		
1.4	16QAM	1	5	19.41	19.46	19.35		
1.4	16QAM	3	0	19.35	19.47	19.36		
1.4	16QAM	3	1	19.45	19.45	19.38		
1.4	16QAM	3	3	19.44	19.34	19.45		
1.4	16QAM	6	0	18.38	18.19	18.26	19.5	2
1.4	64QAM	1	0	18.34	18.14	18.19	19.5	2
1.4	64QAM	1	3	18.33	18.16	18.19		
1.4	64QAM	1	5	18.38	18.14	18.21		
1.4	64QAM	3	0	18.38	18.14	18.24		
1.4	64QAM	3	1	18.41	18.15	18.32		
1.4	64QAM	3	3	18.40	18.19	18.26		
1.4	64QAM	6	0	17.19	17.26	17.28	18.5	3
1.4	256QAM	1	0	15.41	15.31	15.34	16.5	5
1.4	256QAM	1	3	15.34	15.23	15.32		
1.4	256QAM	1	5	15.31	15.34	15.22		
1.4	256QAM	3	0	15.37	15.34	15.27		
1.4	256QAM	3	1	15.48	15.42	15.39		
1.4	256QAM	3	3	15.34	15.45	15.22		
1.4	256QAM	6	0	15.22	15.46	15.32	16.5	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	20.47	20.59	20.49	22	0
20	QPSK	1	49	20.58	20.73	20.65		
20	QPSK	1	99	20.37	20.53	20.34		
20	QPSK	50	0	20.61	20.66	20.61	22	0
20	QPSK	50	24	20.63	20.72	20.71		
20	QPSK	50	50	20.50	20.59	20.65		
20	QPSK	100	0	20.50	20.56	20.55		
20	16QAM	1	0	20.47	20.58	20.58	22	0
20	16QAM	1	49	20.64	20.65	20.70		
20	16QAM	1	99	20.71	20.71	20.67		
20	16QAM	50	0	20.61	20.69	20.65	22	0
20	16QAM	50	24	20.40	20.59	20.67		
20	16QAM	50	50	20.60	20.48	20.52		
20	16QAM	100	0	20.46	20.57	20.56		
20	64QAM	1	0	20.22	20.38	20.20	22	0
20	64QAM	1	49	20.32	20.33	20.47		
20	64QAM	1	99	20.51	20.59	20.36		
20	64QAM	50	0	20.41	20.45	20.59	22	0
20	64QAM	50	24	20.45	20.69	20.71		
20	64QAM	50	50	20.54	20.55	20.48		
20	64QAM	100	0	20.48	20.58	20.51		
20	256QAM	1	0	18.88	19.06	18.94	20.5	1.5
20	256QAM	1	49	19.08	19.14	19.11		
20	256QAM	1	99	18.88	18.96	18.76		
20	256QAM	50	0	19.05	19.20	19.11	20.5	1.5
20	256QAM	50	24	19.06	19.10	19.10		
20	256QAM	50	50	18.99	18.98	19.10		
20	256QAM	100	0	18.91	19.01	19.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.39	20.58	20.43	22	0
15	QPSK	1	37	20.49	20.61	20.62		
15	QPSK	1	74	20.27	20.48	20.27		
15	QPSK	36	0	20.56	20.70	20.65	22	0
15	QPSK	36	20	20.54	20.62	20.61		
15	QPSK	36	39	20.47	20.53	20.61		
15	QPSK	75	0	20.42	20.49	20.49		
15	16QAM	1	0	20.43	20.51	20.54	22	0
15	16QAM	1	37	20.58	20.59	20.62		
15	16QAM	1	74	20.66	20.61	20.61		
15	16QAM	36	0	20.55	20.62	20.55	22	0
15	16QAM	36	20	20.30	20.53	20.61		
15	16QAM	36	39	20.50	20.40	20.48		
15	16QAM	75	0	20.46	20.46	20.50		
15	64QAM	1	0	20.22	20.33	20.13	22	0
15	64QAM	1	37	20.27	20.33	20.38		
15	64QAM	1	74	20.51	20.54	20.35		
15	64QAM	36	0	20.40	20.36	20.54	22	0
15	64QAM	36	20	20.44	20.60	20.61		
15	64QAM	36	39	20.53	20.50	20.44		
15	64QAM	75	0	20.46	20.56	20.42		
15	256QAM	1	0	18.86	18.99	18.87	20.5	1.5
15	256QAM	1	37	19.01	19.05	19.08		
15	256QAM	1	74	18.83	18.92	18.67		
15	256QAM	36	0	19.01	19.17	19.07	20.5	1.5
15	256QAM	36	20	19.02	19.03	19.01		
15	256QAM	36	39	18.99	18.93	19.11		
15	256QAM	75	0	18.86	18.93	18.95		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.44	20.59	20.46	22	0
10	QPSK	1	25	20.58	20.65	20.53		
10	QPSK	1	49	20.29	20.47	20.30		
10	QPSK	25	0	20.62	20.64	20.65	22	0
10	QPSK	25	12	20.53	20.56	20.52		
10	QPSK	25	25	20.42	20.55	20.60		
10	QPSK	50	0	20.39	20.49	20.54		
10	16QAM	1	0	20.40	20.51	20.51	22	0
10	16QAM	1	25	20.61	20.63	20.63		
10	16QAM	1	49	20.66	20.68	20.60		
10	16QAM	25	0	20.59	20.63	20.65	22	0
10	16QAM	25	12	20.29	20.54	20.61		
10	16QAM	25	25	20.49	20.36	20.50		
10	16QAM	50	0	20.43	20.47	20.51		
10	64QAM	1	0	20.16	20.34	20.14	22	0
10	64QAM	1	25	20.25	20.27	20.43		
10	64QAM	1	49	20.39	20.52	20.36		
10	64QAM	25	0	20.35	20.34	20.49	22	0
10	64QAM	25	12	20.40	20.57	20.72		
10	64QAM	25	25	20.53	20.46	20.44		
10	64QAM	50	0	20.45	20.57	20.46		
10	256QAM	1	0	18.82	19.00	18.87	20.5	1.5
10	256QAM	1	25	19.02	19.14	19.06		
10	256QAM	1	49	18.87	18.91	18.67		
10	256QAM	25	0	19.03	19.14	19.05	20.5	1.5
10	256QAM	25	12	18.98	19.07	19.07		
10	256QAM	25	25	19.00	18.94	19.09		
10	256QAM	50	0	18.80	18.93	18.97		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.39	20.54	20.43	22	0
5	QPSK	1	12	20.54	20.67	20.61		
5	QPSK	1	24	20.30	20.46	20.30		
5	QPSK	12	0	20.52	20.60	20.69	22	0
5	QPSK	12	7	20.50	20.57	20.56		
5	QPSK	12	13	20.40	20.57	20.54		
5	QPSK	25	0	20.45	20.49	20.45		
5	16QAM	1	0	20.41	20.51	20.56	22	0
5	16QAM	1	12	20.58	20.63	20.67		
5	16QAM	1	24	20.67	20.68	20.62		
5	16QAM	12	0	20.57	20.70	20.62	22	0
5	16QAM	12	7	20.30	20.55	20.59		
5	16QAM	12	13	20.53	20.46	20.52		
5	16QAM	25	0	20.42	20.47	20.51		
5	64QAM	1	0	20.14	20.27	20.17	22	0
5	64QAM	1	12	20.26	20.23	20.46		
5	64QAM	1	24	20.51	20.56	20.30		
5	64QAM	12	0	20.32	20.40	20.53	22	0
5	64QAM	12	7	20.44	20.64	20.62		
5	64QAM	12	13	20.43	20.55	20.46		
5	64QAM	25	0	20.39	20.48	20.44		
5	256QAM	1	0	18.89	19.02	18.90	20.5	1.5
5	256QAM	1	12	19.00	19.05	19.08		
5	256QAM	1	24	18.81	18.88	18.71		
5	256QAM	12	0	19.00	19.18	19.03	20.5	1.5
5	256QAM	12	7	19.01	19.01	19.06		
5	256QAM	12	13	18.96	18.94	19.06		
5	256QAM	25	0	18.82	18.96	18.96		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.38	20.54	20.41	22	0
3	QPSK	1	8	20.48	20.65	20.62		
3	QPSK	1	14	20.28	20.44	20.31		
3	QPSK	8	0	20.55	20.65	20.66	22	0
3	QPSK	8	4	20.56	20.54	20.54		
3	QPSK	8	7	20.46	20.53	20.56		
3	QPSK	15	0	20.47	20.46	20.45		
3	16QAM	1	0	20.48	20.50	20.52	22	0
3	16QAM	1	8	20.54	20.60	20.60		
3	16QAM	1	14	20.70	20.62	20.57		
3	16QAM	8	0	20.60	20.64	20.65	22	0
3	16QAM	8	4	20.34	20.51	20.63		
3	16QAM	8	7	20.59	20.44	20.53		
3	16QAM	15	0	20.41	20.51	20.45		
3	64QAM	1	0	20.16	20.35	20.15	22	0
3	64QAM	1	8	20.28	20.34	20.42		
3	64QAM	1	14	20.44	20.54	20.31		
3	64QAM	8	0	20.39	20.40	20.55	22	0
3	64QAM	8	4	20.41	20.60	20.63		
3	64QAM	8	7	20.47	20.50	20.42		
3	64QAM	15	0	20.44	20.53	20.49		
3	256QAM	1	0	18.89	19.02	18.88	20.5	1.5
3	256QAM	1	8	19.00	19.08	19.08		
3	256QAM	1	14	18.79	18.88	18.67		
3	256QAM	8	0	19.01	19.08	19.07	20.5	1.5
3	256QAM	8	4	18.98	19.03	19.05		
3	256QAM	8	7	18.93	18.97	19.07		
3	256QAM	15	0	18.85	18.97	18.92		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.41	20.49	20.42	22	0
1.4	QPSK	1	3	20.53	20.65	20.58		
1.4	QPSK	1	5	20.29	20.42	20.25		
1.4	QPSK	3	0	20.57	20.66	20.70		
1.4	QPSK	3	1	20.50	20.56	20.57		
1.4	QPSK	3	3	20.44	20.47	20.55		
1.4	QPSK	6	0	20.39	20.47	20.44	22	0
1.4	16QAM	1	0	20.45	20.56	20.42	22	0
1.4	16QAM	1	3	20.53	20.69	20.59		
1.4	16QAM	1	5	20.37	20.51	20.31		
1.4	16QAM	3	0	20.56	20.65	20.67		
1.4	16QAM	3	1	20.60	20.54	20.57		
1.4	16QAM	3	3	20.41	20.52	20.61		
1.4	16QAM	6	0	20.47	20.54	20.45	22	0
1.4	64QAM	1	0	20.41	20.52	20.47	22	0
1.4	64QAM	1	3	20.55	20.62	20.57		
1.4	64QAM	1	5	20.34	20.49	20.26		
1.4	64QAM	3	0	20.56	20.70	20.63		
1.4	64QAM	3	1	20.61	20.65	20.56		
1.4	64QAM	3	3	20.49	20.55	20.61		
1.4	64QAM	6	0	20.44	20.49	20.53	22	0
1.4	256QAM	1	0	18.81	19.00	18.93	20.5	1.5
1.4	256QAM	1	3	19.04	19.08	19.04		
1.4	256QAM	1	5	18.80	18.85	18.77		
1.4	256QAM	3	0	19.02	19.20	19.00		
1.4	256QAM	3	1	18.97	19.00	19.06		
1.4	256QAM	3	3	18.93	18.91	19.06		
1.4	256QAM	6	0	18.86	18.96	18.91	20.5	1.5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.09	21.19	21.25	22.2	0
20	QPSK	1	49	21.28	21.39	21.36		
20	QPSK	1	99	21.00	21.11	21.08		
20	QPSK	50	0	21.15	21.33	21.33	22.2	0
20	QPSK	50	24	21.17	21.35	21.34		
20	QPSK	50	50	21.13	21.25	21.22		
20	QPSK	100	0	21.22	21.29	21.26		
20	16QAM	1	0	21.00	21.05	21.10	22.2	0
20	16QAM	1	49	21.05	21.28	21.25		
20	16QAM	1	99	20.89	21.11	20.96		
20	16QAM	50	0	21.25	21.20	21.33	22.2	0
20	16QAM	50	24	21.38	21.34	21.34		
20	16QAM	50	50	21.34	21.25	21.20		
20	16QAM	100	0	21.24	21.11	21.12		
20	64QAM	1	0	21.20	21.10	21.11	22.2	0
20	64QAM	1	49	21.27	21.36	21.07		
20	64QAM	1	99	21.30	21.16	21.27		
20	64QAM	50	0	20.31	20.31	20.25	21.2	1
20	64QAM	50	24	20.27	20.27	20.25		
20	64QAM	50	50	20.30	20.19	20.08		
20	64QAM	100	0	20.18	20.13	20.24		
20	256QAM	1	0	18.05	18.15	18.18	19.2	3
20	256QAM	1	49	18.25	18.37	18.33		
20	256QAM	1	99	17.91	18.11	18.02		
20	256QAM	50	0	18.09	18.24	18.28	19.2	3
20	256QAM	50	24	18.11	18.31	18.24		
20	256QAM	50	50	18.08	18.19	18.13		
20	256QAM	100	0	18.15	18.24	18.19		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.03	21.19	21.23	22.2	0
15	QPSK	1	37	21.16	21.35	21.29		
15	QPSK	1	74	20.92	21.04	20.97		
15	QPSK	36	0	21.11	21.32	21.23	22.2	0
15	QPSK	36	20	21.12	21.33	21.30		
15	QPSK	36	39	21.08	21.21	21.20		
15	QPSK	75	0	21.19	21.23	21.24		
15	16QAM	1	0	20.93	20.95	21.07	22.2	0
15	16QAM	1	37	20.99	21.27	21.25		
15	16QAM	1	74	20.84	21.07	20.86		
15	16QAM	36	0	21.22	21.16	21.21	22.2	0
15	16QAM	36	20	21.34	21.25	21.29		
15	16QAM	36	39	21.28	21.26	21.16		
15	16QAM	75	0	21.18	21.07	21.07		
15	64QAM	1	0	21.09	21.06	21.09	22.2	0
15	64QAM	1	37	21.22	21.28	21.03		
15	64QAM	1	74	21.23	21.12	21.22		
15	64QAM	36	0	20.23	20.29	20.17	21.2	1
15	64QAM	36	20	20.20	20.24	20.14		
15	64QAM	36	39	20.22	20.14	20.04		
15	64QAM	75	0	20.12	20.12	20.16		
15	256QAM	1	0	17.97	18.07	18.13	19.2	3
15	256QAM	1	37	18.20	18.35	18.25		
15	256QAM	1	74	17.87	18.06	17.92		
15	256QAM	36	0	18.05	18.19	18.19	19.2	3
15	256QAM	36	20	18.00	18.27	18.15		
15	256QAM	36	39	18.08	18.12	18.05		
15	256QAM	75	0	18.08	18.19	18.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.06	21.09	21.22	22.2	0
10	QPSK	1	25	21.24	21.36	21.31		
10	QPSK	1	49	20.96	21.08	21.04		
10	QPSK	25	0	21.04	21.27	21.26	22.2	0
10	QPSK	25	12	21.11	21.26	21.29		
10	QPSK	25	25	21.04	21.17	21.16		
10	QPSK	50	0	21.13	21.24	21.26		
10	16QAM	1	0	21.01	21.04	21.02	22.2	0
10	16QAM	1	25	21.03	21.20	21.19		
10	16QAM	1	49	20.85	21.12	20.87		
10	16QAM	25	0	21.22	21.11	21.27	22.2	0
10	16QAM	25	12	21.27	21.32	21.33		
10	16QAM	25	25	21.27	21.19	21.09		
10	16QAM	50	0	21.17	21.08	21.01		
10	64QAM	1	0	21.18	20.99	21.06	22.2	0
10	64QAM	1	25	21.22	21.34	21.01		
10	64QAM	1	49	21.26	21.13	21.21		
10	64QAM	25	0	20.32	20.23	20.21	21.2	1
10	64QAM	25	12	20.19	20.25	20.21		
10	64QAM	25	25	20.19	20.12	20.05		
10	64QAM	50	0	20.15	20.07	20.22		
10	256QAM	1	0	18.03	18.04	18.17	19.2	3
10	256QAM	1	25	18.17	18.31	18.22		
10	256QAM	1	49	17.89	18.03	17.95		
10	256QAM	25	0	17.99	18.13	18.25	19.2	3
10	256QAM	25	12	18.03	18.28	18.17		
10	256QAM	25	25	18.04	18.07	18.05		
10	256QAM	50	0	18.10	18.23	18.15		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.04	21.12	21.20	22.2	0
5	QPSK	1	12	21.24	21.36	21.34		
5	QPSK	1	24	20.97	21.04	21.03		
5	QPSK	12	0	21.10	21.29	21.30	22.2	0
5	QPSK	12	7	21.12	21.26	21.26		
5	QPSK	12	13	21.06	21.16	21.12		
5	QPSK	25	0	21.18	21.19	21.18		
5	16QAM	1	0	20.91	20.96	21.01	22.2	0
5	16QAM	1	12	21.04	21.24	21.23		
5	16QAM	1	24	20.81	21.07	20.90		
5	16QAM	12	0	21.17	21.17	21.30	22.2	0
5	16QAM	12	7	21.27	21.30	21.26		
5	16QAM	12	13	21.29	21.23	21.19		
5	16QAM	25	0	21.18	21.05	21.07		
5	64QAM	1	0	21.18	21.01	21.01	22.2	0
5	64QAM	1	12	21.21	21.32	21.01		
5	64QAM	1	24	21.28	21.09	21.20		
5	64QAM	12	0	20.26	20.22	20.20	21.2	1
5	64QAM	12	7	20.20	20.22	20.19		
5	64QAM	12	13	20.24	20.17	20.03		
5	64QAM	25	0	20.18	20.11	20.19		
5	256QAM	1	0	18.00	18.16	18.15	19.2	3
5	256QAM	1	12	18.21	18.27	18.28		
5	256QAM	1	24	17.88	18.05	17.95		
5	256QAM	12	0	18.07	18.17	18.16	19.2	3
5	256QAM	12	7	18.09	18.24	18.22		
5	256QAM	12	13	18.07	18.13	18.10		
5	256QAM	25	0	18.13	18.19	18.13		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.07	21.10	21.21	22.2	0
3	QPSK	1	8	21.25	21.34	21.29		
3	QPSK	1	14	21.00	21.00	21.03		
3	QPSK	8	0	21.12	21.29	21.30	22.2	0
3	QPSK	8	4	21.14	21.36	21.31		
3	QPSK	8	7	21.12	21.16	21.17		
3	QPSK	15	0	21.16	21.24	21.18		
3	16QAM	1	0	20.92	20.99	21.07	22.2	0
3	16QAM	1	8	20.98	21.22	21.19		
3	16QAM	1	14	20.83	21.02	20.90		
3	16QAM	8	0	21.14	21.18	21.28	22.2	0
3	16QAM	8	4	21.31	21.22	21.26		
3	16QAM	8	7	21.32	21.20	21.10		
3	16QAM	15	0	21.21	21.08	21.07		
3	64QAM	1	0	21.14	21.04	21.01	22.2	0
3	64QAM	1	8	21.18	21.27	21.06		
3	64QAM	1	14	21.23	21.07	21.22		
3	64QAM	8	0	20.26	20.21	20.21	21.2	1
3	64QAM	8	4	20.20	20.23	20.17		
3	64QAM	8	7	20.28	20.10	20.03		
3	64QAM	15	0	20.10	20.09	20.25		
3	256QAM	1	0	17.99	18.11	18.10	19.2	3
3	256QAM	1	8	18.15	18.33	18.32		
3	256QAM	1	14	17.87	18.03	17.97		
3	256QAM	8	0	18.00	18.18	18.22	19.2	3
3	256QAM	8	4	18.07	18.29	18.18		
3	256QAM	8	7	18.07	18.16	18.05		
3	256QAM	15	0	18.11	18.24	18.14		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.06	21.13	21.23	22.2	0
1.4	QPSK	1	3	21.27	21.35	21.27		
1.4	QPSK	1	5	20.93	21.01	21.00		
1.4	QPSK	3	0	21.04	21.29	21.28		
1.4	QPSK	3	1	21.10	21.29	21.32		
1.4	QPSK	3	3	21.07	21.14	21.18		
1.4	QPSK	6	0	21.12	21.24	21.25	22.2	0
1.4	16QAM	1	0	21.02	21.10	21.15	22.2	0
1.4	16QAM	1	3	21.17	21.32	21.31		
1.4	16QAM	1	5	20.99	21.05	20.99		
1.4	16QAM	3	0	21.14	21.27	21.29		
1.4	16QAM	3	1	21.13	21.36	21.24		
1.4	16QAM	3	3	21.03	21.21	21.17		
1.4	16QAM	6	0	21.22	21.26	21.18	22.2	0
1.4	64QAM	1	0	21.10	21.15	21.15	22.2	0
1.4	64QAM	1	3	21.27	21.34	21.28		
1.4	64QAM	1	5	20.89	21.07	20.98		
1.4	64QAM	3	0	21.05	21.25	21.26		
1.4	64QAM	3	1	21.13	21.29	21.31		
1.4	64QAM	3	3	21.11	21.23	21.16		
1.4	64QAM	6	0	20.25	20.30	20.20	21.2	1
1.4	256QAM	1	0	17.99	18.15	18.11	19.2	3
1.4	256QAM	1	3	18.18	18.29	18.28		
1.4	256QAM	1	5	17.85	18.12	17.90		
1.4	256QAM	3	0	18.09	18.16	18.24		
1.4	256QAM	3	1	18.09	18.22	18.16		
1.4	256QAM	3	3	18.01	18.15	18.08		
1.4	256QAM	6	0	18.11	18.23	18.11	19.2	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.31	20.33	20.41	22.2	0
20	QPSK	1	49	20.54	20.57	20.52		
20	QPSK	1	99	20.22	20.28	20.27		
20	QPSK	50	0	20.48	20.48	20.43	22.2	0
20	QPSK	50	24	20.51	20.52	20.50		
20	QPSK	50	50	20.41	20.51	20.39		
20	QPSK	100	0	20.43	20.50	20.43		
20	16QAM	1	0	20.30	20.26	20.31	22.2	0
20	16QAM	1	49	20.31	20.44	20.42		
20	16QAM	1	99	20.21	20.23	20.25		
20	16QAM	50	0	20.53	20.44	20.45	22.2	0
20	16QAM	50	24	20.53	20.48	20.51		
20	16QAM	50	50	20.46	20.49	20.46		
20	16QAM	100	0	20.41	20.37	20.48		
20	64QAM	1	0	20.47	20.41	20.51	22.2	0
20	64QAM	1	49	20.40	20.46	20.54		
20	64QAM	1	99	20.54	20.54	20.54		
20	64QAM	50	0	19.53	19.39	19.62	21.2	1
20	64QAM	50	24	19.48	19.43	19.48		
20	64QAM	50	50	19.38	19.49	19.40		
20	64QAM	100	0	19.38	19.46	19.50		
20	256QAM	1	0	17.22	17.25	17.33	19.2	3
20	256QAM	1	49	17.48	17.54	17.45		
20	256QAM	1	99	17.23	17.26	17.26		
20	256QAM	50	0	17.39	17.43	17.36	19.2	3
20	256QAM	50	24	17.47	17.41	17.44		
20	256QAM	50	50	17.36	17.49	17.31		
20	256QAM	100	0	17.35	17.45	17.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.28	20.31	20.34	22.2	0
15	QPSK	1	37	20.47	20.53	20.40		
15	QPSK	1	74	20.22	20.27	20.22		
15	QPSK	36	0	20.46	20.45	20.37	22.2	0
15	QPSK	36	20	20.43	20.49	20.42		
15	QPSK	36	39	20.42	20.48	20.35		
15	QPSK	75	0	20.42	20.48	20.35		
15	16QAM	1	0	20.27	20.22	20.23	22.2	0
15	16QAM	1	37	20.25	20.36	20.31		
15	16QAM	1	74	20.26	20.20	20.24		
15	16QAM	36	0	20.49	20.41	20.38	22.2	0
15	16QAM	36	20	20.48	20.45	20.49		
15	16QAM	36	39	20.40	20.44	20.41		
15	16QAM	75	0	20.32	20.31	20.42		
15	64QAM	1	0	20.43	20.30	20.49	22.2	0
15	64QAM	1	37	20.37	20.45	20.47		
15	64QAM	1	74	20.54	20.48	20.50		
15	64QAM	36	0	19.46	19.32	19.58	21.2	1
15	64QAM	36	20	19.40	19.35	19.40		
15	64QAM	36	39	19.34	19.42	19.41		
15	64QAM	75	0	19.34	19.41	19.47		
15	256QAM	1	0	17.22	17.21	17.29	19.2	3
15	256QAM	1	37	17.41	17.48	17.38		
15	256QAM	1	74	17.25	17.26	17.22		
15	256QAM	36	0	17.33	17.42	17.30	19.2	3
15	256QAM	36	20	17.47	17.30	17.37		
15	256QAM	36	39	17.29	17.44	17.31		
15	256QAM	75	0	17.33	17.39	17.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.24	20.23	20.38	22.2	0
10	QPSK	1	25	20.52	20.52	20.48		
10	QPSK	1	49	20.23	20.27	20.22		
10	QPSK	25	0	20.42	20.41	20.35	22.2	0
10	QPSK	25	12	20.43	20.49	20.42		
10	QPSK	25	25	20.38	20.52	20.36		
10	QPSK	50	0	20.32	20.41	20.41		
10	16QAM	1	0	20.22	20.23	20.26	22.2	0
10	16QAM	1	25	20.24	20.40	20.33		
10	16QAM	1	49	20.24	20.21	20.20		
10	16QAM	25	0	20.41	20.40	20.39	22.2	0
10	16QAM	25	12	20.42	20.48	20.42		
10	16QAM	25	25	20.42	20.44	20.43		
10	16QAM	50	0	20.38	20.27	20.41		
10	64QAM	1	0	20.38	20.37	20.46	22.2	0
10	64QAM	1	25	20.31	20.39	20.48		
10	64QAM	1	49	20.44	20.52	20.53		
10	64QAM	25	0	19.47	19.32	19.62	21.2	1
10	64QAM	25	12	19.48	19.38	19.41		
10	64QAM	25	25	19.30	19.43	19.32		
10	64QAM	50	0	19.32	19.42	19.42		
10	256QAM	1	0	17.27	17.23	17.29	19.2	3
10	256QAM	1	25	17.40	17.46	17.38		
10	256QAM	1	49	17.25	17.26	17.20		
10	256QAM	25	0	17.33	17.35	17.30	19.2	3
10	256QAM	25	12	17.44	17.40	17.36		
10	256QAM	25	25	17.30	17.45	17.20		
10	256QAM	50	0	17.28	17.37	17.40		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.26	20.26	20.35	22.2	0
5	QPSK	1	12	20.51	20.52	20.48		
5	QPSK	1	24	20.25	20.26	20.24		
5	QPSK	12	0	20.40	20.45	20.43	22.2	0
5	QPSK	12	7	20.42	20.46	20.42		
5	QPSK	12	13	20.30	20.47	20.34		
5	QPSK	25	0	20.38	20.42	20.39		
5	16QAM	1	0	20.23	20.21	20.30	22.2	0
5	16QAM	1	12	20.27	20.45	20.31		
5	16QAM	1	24	20.22	20.21	20.23		
5	16QAM	12	0	20.49	20.42	20.40	22.2	0
5	16QAM	12	7	20.52	20.47	20.45		
5	16QAM	12	13	20.44	20.42	20.38		
5	16QAM	25	0	20.34	20.34	20.38		
5	64QAM	1	0	20.45	20.40	20.47	22.2	0
5	64QAM	1	12	20.38	20.43	20.51		
5	64QAM	1	24	20.46	20.52	20.49		
5	64QAM	12	0	19.50	19.34	19.59	21.2	1
5	64QAM	12	7	19.46	19.40	19.40		
5	64QAM	12	13	19.32	19.49	19.34		
5	64QAM	25	0	19.30	19.46	19.51		
5	256QAM	1	0	17.23	17.23	17.27	19.2	3
5	256QAM	1	12	17.38	17.46	17.36		
5	256QAM	1	24	17.24	17.21	17.26		
5	256QAM	12	0	17.37	17.35	17.29	19.2	3
5	256QAM	12	7	17.44	17.35	17.38		
5	256QAM	12	13	17.31	17.43	17.26		
5	256QAM	25	0	17.29	17.44	17.33		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.22	20.25	20.36	22.2	0
3	QPSK	1	8	20.48	20.46	20.50		
3	QPSK	1	14	20.23	20.21	20.21		
3	QPSK	8	0	20.43	20.43	20.42	22.2	0
3	QPSK	8	4	20.44	20.42	20.44		
3	QPSK	8	7	20.34	20.43	20.35		
3	QPSK	15	0	20.40	20.49	20.34		
3	16QAM	1	0	20.31	20.24	20.26	22.2	0
3	16QAM	1	8	20.27	20.39	20.41		
3	16QAM	1	14	20.25	20.23	20.21		
3	16QAM	8	0	20.45	20.38	20.40	22.2	0
3	16QAM	8	4	20.47	20.41	20.49		
3	16QAM	8	7	20.40	20.42	20.35		
3	16QAM	15	0	20.38	20.30	20.37		
3	64QAM	1	0	20.42	20.36	20.46	22.2	0
3	64QAM	1	8	20.35	20.46	20.52		
3	64QAM	1	14	20.48	20.45	20.50		
3	64QAM	8	0	19.47	19.34	19.54	21.2	1
3	64QAM	8	4	19.49	19.34	19.47		
3	64QAM	8	7	19.34	19.41	19.34		
3	64QAM	15	0	19.31	19.47	19.48		
3	256QAM	1	0	17.26	17.20	17.30	19.2	3
3	256QAM	1	8	17.44	17.48	17.46		
3	256QAM	1	14	17.23	17.25	17.22		
3	256QAM	8	0	17.33	17.37	17.34	19.2	3
3	256QAM	8	4	17.42	17.33	17.42		
3	256QAM	8	7	17.28	17.49	17.20		
3	256QAM	15	0	17.25	17.37	17.31		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.31	20.28	20.34	22.2	0
1.4	QPSK	1	3	20.52	20.54	20.46		
1.4	QPSK	1	5	20.26	20.22	20.22		
1.4	QPSK	3	0	20.45	20.42	20.35		
1.4	QPSK	3	1	20.45	20.45	20.46		
1.4	QPSK	3	3	20.36	20.50	20.34		
1.4	QPSK	6	0	20.39	20.41	20.35	22.2	0
1.4	16QAM	1	0	20.31	20.26	20.33	22.2	0
1.4	16QAM	1	3	20.44	20.52	20.47		
1.4	16QAM	1	5	20.21	20.23	20.21		
1.4	16QAM	3	0	20.43	20.41	20.40		
1.4	16QAM	3	1	20.45	20.44	20.48		
1.4	16QAM	3	3	20.38	20.43	20.29		
1.4	16QAM	6	0	20.34	20.46	20.38	22.2	0
1.4	64QAM	1	0	20.22	20.28	20.32	22.2	0
1.4	64QAM	1	3	20.48	20.48	20.44		
1.4	64QAM	1	5	20.26	20.27	20.23		
1.4	64QAM	3	0	20.45	20.41	20.37		
1.4	64QAM	3	1	20.47	20.50	20.45		
1.4	64QAM	3	3	20.34	20.48	20.30		
1.4	64QAM	6	0	19.54	19.37	19.57	21.2	1
1.4	256QAM	1	0	17.24	17.21	17.34	19.2	3
1.4	256QAM	1	3	17.40	17.51	17.37		
1.4	256QAM	1	5	17.21	17.23	17.22		
1.4	256QAM	3	0	17.38	17.42	17.31		
1.4	256QAM	3	1	17.40	17.34	17.40		
1.4	256QAM	3	3	17.32	17.44	17.31		
1.4	256QAM	6	0	17.29	17.45	17.38	19.2	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.52	20.40	20.32		
20	QPSK	1	49	20.55	20.65	20.54	21.5	0
20	QPSK	1	99	20.51	20.41	20.43		
20	QPSK	50	0	19.55	19.47	19.47		
20	QPSK	50	24	19.57	19.63	19.52	20.5	1
20	QPSK	50	50	19.55	19.48	19.49		
20	QPSK	100	0	19.46	19.55	19.49		
20	16QAM	1	0	19.50	19.34	19.30		
20	16QAM	1	49	19.63	19.52	19.53	20.5	1
20	16QAM	1	99	19.46	19.36	19.41		
20	16QAM	50	0	18.56	18.46	18.47		
20	16QAM	50	24	18.65	18.53	18.54	19.5	2
20	16QAM	50	50	18.58	18.45	18.52		
20	16QAM	100	0	18.56	18.44	18.48		
20	64QAM	1	0	18.23	18.12	18.08		
20	64QAM	1	49	18.38	18.26	18.25	19.5	2
20	64QAM	1	99	18.24	18.12	18.17		
20	64QAM	50	0	17.52	17.42	17.45		
20	64QAM	50	24	17.60	17.48	17.48	18.5	3
20	64QAM	50	50	17.53	17.43	17.47		
20	64QAM	100	0	17.51	17.43	17.47		
20	256QAM	1	0	15.23	15.22	15.12		
20	256QAM	1	49	15.13	15.18	15.26	16.5	5
20	256QAM	1	99	15.23	15.12	15.16		
20	256QAM	50	0	15.20	15.20	15.17		
20	256QAM	50	24	15.26	15.25	15.20	16.5	5
20	256QAM	50	50	15.24	15.23	15.14		
20	256QAM	100	0	15.23	15.18	15.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.49	20.32	20.26		
15	QPSK	1	37	20.53	20.64	20.58	21.5	0
15	QPSK	1	74	20.42	20.38	20.36		
15	QPSK	36	0	19.51	19.39	19.46		
15	QPSK	36	20	19.57	19.60	19.54	20.5	1
15	QPSK	36	39	19.59	19.39	19.47		
15	QPSK	75	0	19.41	19.52	19.40		
15	16QAM	1	0	19.52	19.27	19.26		
15	16QAM	1	37	19.61	19.47	19.54	20.5	1
15	16QAM	1	74	19.49	19.40	19.37		
15	16QAM	36	0	18.55	18.45	18.48		
15	16QAM	36	20	18.66	18.52	18.57	19.5	2
15	16QAM	36	39	18.58	18.46	18.45		
15	16QAM	75	0	18.57	18.40	18.43		
15	64QAM	1	0	18.28	18.12	18.06		
15	64QAM	1	37	18.33	18.24	18.16	19.5	2
15	64QAM	1	74	18.20	18.02	18.14		
15	64QAM	36	0	17.46	17.40	17.37		
15	64QAM	36	20	17.50	17.50	17.49	18.5	3
15	64QAM	36	39	17.56	17.48	17.42		
15	64QAM	75	0	17.46	17.45	17.38		
15	256QAM	1	0	15.18	15.15	15.02		
15	256QAM	1	37	15.05	15.18	15.18	16.5	5
15	256QAM	1	74	15.28	15.02	15.11		
15	256QAM	36	0	15.21	15.15	15.20		
15	256QAM	36	20	15.20	15.27	15.23	16.5	5
15	256QAM	36	39	15.28	15.14	15.11		
15	256QAM	75	0	15.28	15.21	15.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.50	20.43	20.37		
10	QPSK	1	25	20.55	20.60	20.53	21.5	0
10	QPSK	1	49	20.54	20.43	20.41		
10	QPSK	25	0	19.46	19.40	19.51		
10	QPSK	25	12	19.57	19.66	19.42	20.5	1
10	QPSK	25	25	19.52	19.43	19.41		
10	QPSK	50	0	19.40	19.58	19.44		
10	16QAM	1	0	19.50	19.29	19.22		
10	16QAM	1	25	19.55	19.55	19.52	20.5	1
10	16QAM	1	49	19.47	19.31	19.36		
10	16QAM	25	0	18.51	18.38	18.41		
10	16QAM	25	12	18.63	18.49	18.50	19.5	2
10	16QAM	25	25	18.46	18.49	18.43		
10	16QAM	50	0	18.49	18.39	18.38		
10	64QAM	1	0	18.26	18.14	18.13		
10	64QAM	1	25	18.38	18.29	18.27	19.5	2
10	64QAM	1	49	18.25	18.06	18.10		
10	64QAM	25	0	17.56	17.33	17.47		
10	64QAM	25	12	17.51	17.38	17.44	18.5	3
10	64QAM	25	25	17.56	17.45	17.44		
10	64QAM	50	0	17.51	17.34	17.51		
10	256QAM	1	0	15.21	15.27	15.13		
10	256QAM	1	25	15.09	15.21	15.16	16.5	5
10	256QAM	1	49	15.23	15.04	15.17		
10	256QAM	25	0	15.13	15.15	15.08		
10	256QAM	25	12	15.30	15.16	15.11	16.5	5
10	256QAM	25	25	15.15	15.21	15.14		
10	256QAM	50	0	15.21	15.08	15.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.49	20.33	20.26		
5	QPSK	1	12	20.60	20.64	20.54	21.5	0
5	QPSK	1	24	20.53	20.44	20.33		
5	QPSK	12	0	19.56	19.37	19.43		
5	QPSK	12	7	19.58	19.59	19.46	20.5	1
5	QPSK	12	13	19.49	19.41	19.48		
5	QPSK	25	0	19.40	19.57	19.41		
5	16QAM	1	0	19.48	19.33	19.20		
5	16QAM	1	12	19.65	19.57	19.58	20.5	1
5	16QAM	1	24	19.44	19.29	19.31		
5	16QAM	12	0	18.51	18.51	18.46		
5	16QAM	12	7	18.66	18.50	18.55	19.5	2
5	16QAM	12	13	18.56	18.37	18.43		
5	16QAM	25	0	18.46	18.48	18.43		
5	64QAM	1	0	18.23	18.09	18.11		
5	64QAM	1	12	18.41	18.26	18.21	19.5	2
5	64QAM	1	24	18.18	18.13	18.13		
5	64QAM	12	0	17.55	17.42	17.47		
5	64QAM	12	7	17.60	17.42	17.50	18.5	3
5	64QAM	12	13	17.49	17.39	17.50		
5	64QAM	25	0	17.46	17.38	17.52		
5	256QAM	1	0	15.18	15.22	15.03		
5	256QAM	1	12	15.16	15.11	15.31	16.5	5
5	256QAM	1	24	15.28	15.02	15.21		
5	256QAM	12	0	15.19	15.10	15.22		
5	256QAM	12	7	15.20	15.26	15.24	16.5	5
5	256QAM	12	13	15.14	15.25	15.06		
5	256QAM	25	0	15.27	15.11	15.20		

Band 38 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.30	22.28	22.26		
20	QPSK	1	49	22.51	22.53	22.50	23	0
20	QPSK	1	99	22.41	22.38	22.46		
20	QPSK	50	0	22.45	22.36	22.45		
20	QPSK	50	24	22.50	22.51	22.49	23	0
20	QPSK	50	50	22.48	22.42	22.48		
20	QPSK	100	0	22.45	22.47	22.45		
20	16QAM	1	0	22.41	22.38	22.33		
20	16QAM	1	49	22.50	22.51	22.51	23	0
20	16QAM	1	99	22.48	22.44	22.41		
20	16QAM	50	0	22.43	22.39	22.43		
20	16QAM	50	24	22.47	22.49	22.51	23	0
20	16QAM	50	50	22.50	22.43	22.51		
20	16QAM	100	0	22.45	22.41	22.50		
20	64QAM	1	0	22.08	22.06	22.05		
20	64QAM	1	49	22.26	22.18	22.29	23	0
20	64QAM	1	99	22.21	22.17	22.24		
20	64QAM	50	0	21.90	21.85	21.94		
20	64QAM	50	24	22.00	21.96	22.01	22.5	0.5
20	64QAM	50	50	21.97	21.93	21.98		
20	64QAM	100	0	21.96	21.90	21.96		
20	256QAM	1	0	19.76	19.75	19.69		
20	256QAM	1	49	19.92	19.96	19.93	20.5	2.5
20	256QAM	1	99	19.91	19.82	19.90		
20	256QAM	50	0	19.87	19.77	19.89		
20	256QAM	50	24	19.90	19.98	19.94	20.5	2.5
20	256QAM	50	50	19.86	19.92	19.89		
20	256QAM	100	0	19.85	19.92	19.92		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.26	22.24	22.18		
15	QPSK	1	37	22.42	22.44	22.50	23	0
15	QPSK	1	74	22.38	22.33	22.37		
15	QPSK	36	0	22.44	22.29	22.34		
15	QPSK	36	20	22.44	22.44	22.43	23	0
15	QPSK	36	39	22.41	22.37	22.43		
15	QPSK	75	0	22.40	22.37	22.37		
15	16QAM	1	0	22.39	22.33	22.28		
15	16QAM	1	37	22.50	22.45	22.44	23	0
15	16QAM	1	74	22.45	22.39	22.36		
15	16QAM	36	0	22.36	22.32	22.38		
15	16QAM	36	20	22.41	22.44	22.51	23	0
15	16QAM	36	39	22.46	22.40	22.46		
15	16QAM	75	0	22.41	22.37	22.43		
15	64QAM	1	0	22.02	21.98	21.96		
15	64QAM	1	37	22.21	22.08	22.21	23	0
15	64QAM	1	74	22.16	22.08	22.22		
15	64QAM	36	0	21.83	21.83	21.92		
15	64QAM	36	20	21.97	21.89	21.99	22.5	0.5
15	64QAM	36	39	21.92	21.84	21.88		
15	64QAM	75	0	21.96	21.86	21.93		
15	256QAM	1	0	19.75	19.70	19.64		
15	256QAM	1	37	19.86	19.88	19.82	20.5	2.5
15	256QAM	1	74	19.85	19.72	19.84		
15	256QAM	36	0	19.82	19.72	19.81		
15	256QAM	36	20	19.88	19.94	19.86	20.5	2.5
15	256QAM	36	39	19.79	19.91	19.82		
15	256QAM	75	0	19.81	19.83	19.90		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.22	22.21	22.16		
10	QPSK	1	25	22.48	22.52	22.43	23	0
10	QPSK	1	49	22.34	22.28	22.35		
10	QPSK	25	0	22.43	22.32	22.37		
10	QPSK	25	12	22.47	22.45	22.46	23	0
10	QPSK	25	25	22.43	22.41	22.41		
10	QPSK	50	0	22.37	22.43	22.35		
10	16QAM	1	0	22.35	22.31	22.30		
10	16QAM	1	25	22.41	22.49	22.49	23	0
10	16QAM	1	49	22.45	22.37	22.36		
10	16QAM	25	0	22.43	22.34	22.33		
10	16QAM	25	12	22.41	22.47	22.50	23	0
10	16QAM	25	25	22.47	22.42	22.42		
10	16QAM	50	0	22.43	22.37	22.40		
10	64QAM	1	0	21.98	22.03	22.02		
10	64QAM	1	25	22.25	22.14	22.24	23	0
10	64QAM	1	49	22.18	22.14	22.20		
10	64QAM	25	0	21.82	21.83	21.88		
10	64QAM	25	12	21.96	21.95	21.95	22.5	0.5
10	64QAM	25	25	21.87	21.86	21.90		
10	64QAM	50	0	21.87	21.88	21.95		
10	256QAM	1	0	19.71	19.69	19.61		
10	256QAM	1	25	19.81	19.93	19.86	20.5	2.5
10	256QAM	1	49	19.85	19.81	19.89		
10	256QAM	25	0	19.84	19.75	19.87		
10	256QAM	25	12	19.86	19.90	19.85	20.5	2.5
10	256QAM	25	25	19.78	19.85	19.87		
10	256QAM	50	0	19.77	19.88	19.85		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.20	22.24	22.18		
5	QPSK	1	12	22.52	22.47	22.45	23	0
5	QPSK	1	24	22.39	22.37	22.39		
5	QPSK	12	0	22.40	22.29	22.44		
5	QPSK	12	7	22.49	22.48	22.43	23	0
5	QPSK	12	13	22.43	22.39	22.40		
5	QPSK	25	0	22.43	22.46	22.44		
5	16QAM	1	0	22.36	22.38	22.32		
5	16QAM	1	12	22.39	22.41	22.43	23	0
5	16QAM	1	24	22.45	22.42	22.36		
5	16QAM	12	0	22.43	22.36	22.36		
5	16QAM	12	7	22.36	22.46	22.48	23	0
5	16QAM	12	13	22.44	22.38	22.44		
5	16QAM	25	0	22.46	22.40	22.47		
5	64QAM	1	0	22.01	22.02	22.00		
5	64QAM	1	12	22.27	22.15	22.21	23	0
5	64QAM	1	24	22.16	22.15	22.16		
5	64QAM	12	0	21.89	21.76	21.88		
5	64QAM	12	7	21.96	21.91	21.95	22.5	0.5
5	64QAM	12	13	21.88	21.87	21.96		
5	64QAM	25	0	21.97	21.82	21.93		
5	256QAM	1	0	19.68	19.64	19.60		
5	256QAM	1	12	19.86	19.90	19.87	20.5	2.5
5	256QAM	1	24	19.89	19.73	19.84		
5	256QAM	12	0	19.83	19.67	19.80		
5	256QAM	12	7	19.80	19.96	19.94	20.5	2.5
5	256QAM	12	13	19.82	19.81	19.88		
5	256QAM	25	0	19.80	19.82	19.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.44	22.33	22.32		
20	QPSK	1	49	22.61	22.66	22.64	23	0
20	QPSK	1	99	22.57	22.45	22.53		
20	QPSK	50	0	22.52	22.62	22.52		
20	QPSK	50	24	22.59	22.64	22.61	23	0
20	QPSK	50	50	22.52	22.62	22.49		
20	QPSK	100	0	22.50	22.55	22.41		
20	16QAM	1	0	22.36	22.29	22.27		
20	16QAM	1	49	22.25	22.44	22.53	23	0
20	16QAM	1	99	22.41	22.32	22.39		
20	16QAM	50	0	21.27	21.33	21.33		
20	16QAM	50	24	21.39	21.30	21.41	22	1
20	16QAM	50	50	21.42	21.35	21.33		
20	16QAM	100	0	21.30	21.24	21.32		
20	64QAM	1	0	21.49	21.47	21.43		
20	64QAM	1	49	21.70	21.56	21.66	22	1
20	64QAM	1	99	21.55	21.48	21.53		
20	64QAM	50	0	20.60	20.55	20.61		
20	64QAM	50	24	20.66	20.58	20.68	21	2
20	64QAM	50	50	20.64	20.60	20.64		
20	64QAM	100	0	20.63	20.52	20.61		
20	256QAM	1	0	18.35	18.24	18.27		
20	256QAM	1	49	18.58	18.61	18.54	19	4
20	256QAM	1	99	18.50	18.41	18.52		
20	256QAM	50	0	18.48	18.63	18.44		
20	256QAM	50	24	18.57	18.58	18.57	19	4
20	256QAM	50	50	18.48	18.52	18.44		
20	256QAM	100	0	18.42	18.48	18.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.39	22.29	22.23		
15	QPSK	1	37	22.50	22.61	22.64	23	0
15	QPSK	1	74	22.58	22.43	22.46		
15	QPSK	36	0	22.50	22.55	22.45		
15	QPSK	36	20	22.50	22.54	22.50	23	0
15	QPSK	36	39	22.48	22.52	22.49		
15	QPSK	75	0	22.48	22.49	22.38		
15	16QAM	1	0	22.27	22.26	22.24		
15	16QAM	1	37	22.19	22.37	22.43	23	0
15	16QAM	1	74	22.33	22.29	22.37		
15	16QAM	36	0	21.16	21.22	21.29		
15	16QAM	36	20	21.29	21.26	21.31	22	1
15	16QAM	36	39	21.37	21.25	21.28		
15	16QAM	75	0	21.19	21.15	21.32		
15	64QAM	1	0	21.40	21.48	21.36		
15	64QAM	1	37	21.63	21.48	21.64	22	1
15	64QAM	1	74	21.46	21.41	21.50		
15	64QAM	36	0	20.54	20.48	20.52		
15	64QAM	36	20	20.59	20.56	20.60	21	2
15	64QAM	36	39	20.57	20.53	20.60		
15	64QAM	75	0	20.57	20.47	20.57		
15	256QAM	1	0	18.33	18.21	18.18		
15	256QAM	1	37	18.56	18.55	18.52	19	4
15	256QAM	1	74	18.43	18.34	18.49		
15	256QAM	36	0	18.46	18.57	18.36		
15	256QAM	36	20	18.55	18.48	18.52	19	4
15	256QAM	36	39	18.44	18.48	18.35		
15	256QAM	75	0	18.31	18.45	18.33		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.42	22.27	22.30		
10	QPSK	1	25	22.56	22.63	22.57	23	0
10	QPSK	1	49	22.52	22.39	22.47		
10	QPSK	25	0	22.52	22.59	22.45		
10	QPSK	25	12	22.54	22.56	22.51	23	0
10	QPSK	25	25	22.45	22.54	22.43		
10	QPSK	50	0	22.45	22.46	22.32		
10	16QAM	1	0	22.30	22.23	22.25		
10	16QAM	1	25	22.20	22.33	22.42	23	0
10	16QAM	1	49	22.35	22.30	22.36		
10	16QAM	25	0	21.18	21.24	21.30		
10	16QAM	25	12	21.30	21.29	21.37	22	1
10	16QAM	25	25	21.34	21.25	21.29		
10	16QAM	50	0	21.29	21.17	21.23		
10	64QAM	1	0	21.43	21.39	21.40		
10	64QAM	1	25	21.65	21.57	21.56	22	1
10	64QAM	1	49	21.45	21.44	21.47		
10	64QAM	25	0	20.57	20.50	20.55		
10	64QAM	25	12	20.57	20.53	20.58	21	2
10	64QAM	25	25	20.58	20.57	20.61		
10	64QAM	50	0	20.58	20.45	20.55		
10	256QAM	1	0	18.24	18.22	18.23		
10	256QAM	1	25	18.56	18.54	18.52	19	4
10	256QAM	1	49	18.47	18.40	18.47		
10	256QAM	25	0	18.41	18.59	18.34		
10	256QAM	25	12	18.53	18.56	18.49	19	4
10	256QAM	25	25	18.46	18.44	18.42		
10	256QAM	50	0	18.36	18.41	18.30		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.33	22.24	22.22		
5	QPSK	1	12	22.54	22.61	22.61	23	0
5	QPSK	1	24	22.52	22.42	22.49		
5	QPSK	12	0	22.43	22.62	22.45		
5	QPSK	12	7	22.49	22.60	22.57	23	0
5	QPSK	12	13	22.47	22.58	22.45		
5	QPSK	25	0	22.46	22.45	22.38		
5	16QAM	1	0	22.28	22.23	22.24		
5	16QAM	1	12	22.15	22.41	22.48	23	0
5	16QAM	1	24	22.35	22.23	22.40		
5	16QAM	12	0	21.20	21.26	21.32		
5	16QAM	12	7	21.35	21.23	21.36	22	1
5	16QAM	12	13	21.32	21.31	21.28		
5	16QAM	25	0	21.18	21.21	21.25		
5	64QAM	1	0	21.49	21.45	21.39		
5	64QAM	1	12	21.64	21.44	21.61	22	1
5	64QAM	1	24	21.44	21.40	21.53		
5	64QAM	12	0	20.57	20.49	20.51		
5	64QAM	12	7	20.64	20.53	20.64	21	2
5	64QAM	12	13	20.57	20.48	20.58		
5	64QAM	25	0	20.60	20.48	20.56		
5	256QAM	1	0	18.29	18.16	18.24		
5	256QAM	1	12	18.50	18.52	18.44	19	4
5	256QAM	1	24	18.46	18.36	18.45		
5	256QAM	12	0	18.43	18.59	18.43		
5	256QAM	12	7	18.53	18.49	18.54	19	4
5	256QAM	12	13	18.39	18.48	18.38		
5	256QAM	25	0	18.36	18.42	18.32		

Band 38 Main PA_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.69	20.57	20.54		
20	QPSK	1	49	20.82	20.89	20.80	21.5	0
20	QPSK	1	99	20.77	20.55	20.62		
20	QPSK	50	0	20.66	20.79	20.76		
20	QPSK	50	24	20.81	20.85	20.75	21.5	0
20	QPSK	50	50	20.53	20.73	20.76		
20	QPSK	100	0	20.50	20.80	20.75		
20	16QAM	1	0	20.65	20.52	20.76		
20	16QAM	1	49	20.85	20.68	20.66	21.5	0
20	16QAM	1	99	20.65	20.53	20.54		
20	16QAM	50	0	20.58	20.52	20.50		
20	16QAM	50	24	20.66	20.52	20.59	21.5	0
20	16QAM	50	50	20.61	20.52	20.52		
20	16QAM	100	0	20.61	20.51	20.47		
20	64QAM	1	0	20.81	20.71	20.62		
20	64QAM	1	49	20.62	20.77	20.79	21.5	0
20	64QAM	1	99	20.77	20.64	20.68		
20	64QAM	50	0	20.33	20.32	20.27		
20	64QAM	50	24	20.39	20.28	20.34	21	0.5
20	64QAM	50	50	20.39	20.27	20.27		
20	64QAM	100	0	20.40	20.32	20.25		
20	256QAM	1	0	18.08	18.00	18.02		
20	256QAM	1	49	18.27	18.36	18.29	19	2.5
20	256QAM	1	99	18.25	17.96	18.08		
20	256QAM	50	0	18.10	18.23	18.23		
20	256QAM	50	24	18.24	18.30	18.19	19	2.5
20	256QAM	50	50	17.95	18.24	18.22		
20	256QAM	100	0	17.93	18.26	18.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.63	20.54	20.45		
15	QPSK	1	37	20.75	20.78	20.74	21.5	0
15	QPSK	1	74	20.68	20.53	20.50		
15	QPSK	36	0	20.61	20.78	20.75		
15	QPSK	36	20	20.75	20.84	20.74	21.5	0
15	QPSK	36	39	20.50	20.63	20.73		
15	QPSK	75	0	20.45	20.71	20.70		
15	16QAM	1	0	20.58	20.47	20.69		
15	16QAM	1	37	20.81	20.64	20.61	21.5	0
15	16QAM	1	74	20.61	20.49	20.51		
15	16QAM	36	0	20.48	20.48	20.51		
15	16QAM	36	20	20.62	20.44	20.52	21.5	0
15	16QAM	36	39	20.58	20.43	20.44		
15	16QAM	75	0	20.56	20.48	20.45		
15	64QAM	1	0	20.70	20.64	20.59		
15	64QAM	1	37	20.55	20.70	20.75	21.5	0
15	64QAM	1	74	20.69	20.59	20.59		
15	64QAM	36	0	20.31	20.32	20.24		
15	64QAM	36	20	20.37	20.23	20.27	21	0.5
15	64QAM	36	39	20.34	20.24	20.22		
15	64QAM	75	0	20.35	20.23	20.20		
15	256QAM	1	0	18.00	17.98	17.96		
15	256QAM	1	37	18.23	18.29	18.23	19	2.5
15	256QAM	1	74	18.24	17.86	18.00		
15	256QAM	36	0	18.01	18.21	18.19		
15	256QAM	36	20	18.20	18.21	18.14	19	2.5
15	256QAM	36	39	17.96	18.13	18.16		
15	256QAM	75	0	17.93	18.24	18.20		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.63	20.45	20.46		
10	QPSK	1	25	20.81	20.81	20.73	21.5	0
10	QPSK	1	49	20.66	20.48	20.57		
10	QPSK	25	0	20.55	20.80	20.66		
10	QPSK	25	12	20.76	20.82	20.79	21.5	0
10	QPSK	25	25	20.52	20.67	20.68		
10	QPSK	50	0	20.51	20.79	20.70		
10	16QAM	1	0	20.56	20.47	20.69		
10	16QAM	1	25	20.84	20.59	20.63	21.5	0
10	16QAM	1	49	20.63	20.46	20.49		
10	16QAM	25	0	20.51	20.44	20.50		
10	16QAM	25	12	20.61	20.41	20.51	21.5	0
10	16QAM	25	25	20.52	20.48	20.45		
10	16QAM	50	0	20.61	20.43	20.43		
10	64QAM	1	0	20.72	20.62	20.55		
10	64QAM	1	25	20.60	20.70	20.70	21.5	0
10	64QAM	1	49	20.68	20.57	20.57		
10	64QAM	25	0	20.25	20.25	20.23		
10	64QAM	25	12	20.33	20.24	20.26	21	0.5
10	64QAM	25	25	20.34	20.27	20.25		
10	64QAM	50	0	20.35	20.28	20.14		
10	256QAM	1	0	18.06	17.96	17.97		
10	256QAM	1	25	18.27	18.35	18.21	19	2.5
10	256QAM	1	49	18.19	17.89	18.05		
10	256QAM	25	0	17.99	18.20	18.17		
10	256QAM	25	12	18.19	18.28	18.15	19	2.5
10	256QAM	25	25	17.94	18.18	18.20		
10	256QAM	50	0	17.85	18.27	18.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.69	20.47	20.48		
5	QPSK	1	12	20.74	20.85	20.76	21.5	0
5	QPSK	1	24	20.71	20.47	20.55		
5	QPSK	12	0	20.60	20.70	20.68		
5	QPSK	12	7	20.81	20.77	20.73	21.5	0
5	QPSK	12	13	20.48	20.70	20.68		
5	QPSK	25	0	20.41	20.76	20.69		
5	16QAM	1	0	20.53	20.47	20.67		
5	16QAM	1	12	20.77	20.62	20.64	21.5	0
5	16QAM	1	24	20.57	20.52	20.48		
5	16QAM	12	0	20.51	20.48	20.40		
5	16QAM	12	7	20.62	20.48	20.53	21.5	0
5	16QAM	12	13	20.50	20.45	20.48		
5	16QAM	25	0	20.57	20.40	20.41		
5	64QAM	1	0	20.77	20.65	20.57		
5	64QAM	1	12	20.89	20.76	20.70	21.5	0
5	64QAM	1	24	20.69	20.59	20.65		
5	64QAM	12	0	20.24	20.31	20.27		
5	64QAM	12	7	20.30	20.23	20.25	21	0.5
5	64QAM	12	13	20.21	20.21	20.28		
5	64QAM	25	0	20.39	20.21	20.19		
5	256QAM	1	0	18.01	17.94	17.97		
5	256QAM	1	12	18.20	18.34	18.29	19	2.5
5	256QAM	1	24	18.16	17.89	18.06		
5	256QAM	12	0	18.05	18.18	18.11		
5	256QAM	12	7	18.18	18.24	18.10	19	2.5
5	256QAM	12	13	17.88	18.19	18.12		
5	256QAM	25	0	17.94	18.23	18.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.55	20.25	20.45	20.17	20.41		
20	QPSK	1	49	20.58	20.44	20.66	20.29	20.43	21.5	0
20	QPSK	1	99	20.49	20.41	20.44	20.22	20.21		
20	QPSK	50	0	19.51	19.36	19.55	19.23	19.41		
20	QPSK	50	24	19.56	19.45	19.63	19.27	19.40	20.5	1
20	QPSK	50	50	19.55	19.42	19.54	19.22	19.27		
20	QPSK	100	0	19.55	19.42	19.57	19.20	19.35		
20	16QAM	1	0	19.51	19.23	19.42	19.22	19.37		
20	16QAM	1	49	19.63	19.43	19.55	19.31	19.41	20.5	1
20	16QAM	1	99	19.45	19.41	19.42	19.21	19.16		
20	16QAM	50	0	18.51	18.38	18.57	18.24	18.47		
20	16QAM	50	24	18.62	18.43	18.59	18.28	18.39	19.5	2
20	16QAM	50	50	18.61	18.47	18.55	18.21	18.25		
20	16QAM	100	0	18.55	18.41	18.53	18.19	18.36		
20	64QAM	1	0	18.22	17.96	18.16	17.92	18.09		
20	64QAM	1	49	18.36	18.15	18.30	18.00	18.11	19.5	2
20	64QAM	1	99	18.17	18.12	18.13	17.95	17.93		
20	64QAM	50	0	17.47	17.36	17.52	17.20	17.43		
20	64QAM	50	24	17.58	17.38	17.55	17.22	17.37	18.5	3
20	64QAM	50	50	17.58	17.41	17.51	17.18	17.22		
20	64QAM	100	0	17.52	17.38	17.50	17.17	17.32		
20	256QAM	1	0	15.18	15.20	15.22	15.18	15.24		
20	256QAM	1	49	15.12	15.20	15.19	15.15	15.13	16.5	5
20	256QAM	1	99	15.25	15.14	15.13	15.25	15.24		
20	256QAM	50	0	15.25	15.15	15.23	15.12	15.18		
20	256QAM	50	24	15.19	15.16	15.19	15.14	15.13	16.5	5
20	256QAM	50	50	15.21	15.17	15.21	15.23	15.24		
20	256QAM	100	0	15.15	15.19	15.23	15.21	15.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.50	20.09	20.43	20.17	20.46		
15	QPSK	1	37	20.56	20.33	20.57	20.27	20.45	21.5	0
15	QPSK	1	74	20.48	20.15	20.46	20.21	20.20		
15	QPSK	36	0	19.51	19.24	19.46	19.22	19.45		
15	QPSK	36	20	19.56	19.31	19.55	19.32	19.49	20.5	1
15	QPSK	36	39	19.52	19.19	19.44	19.22	19.20		
15	QPSK	75	0	19.62	19.21	19.62	19.13	19.25		
15	16QAM	1	0	19.36	19.18	19.45	19.20	19.36		
15	16QAM	1	37	19.60	19.23	19.54	19.24	19.34	20.5	1
15	16QAM	1	74	19.39	19.13	19.46	19.26	19.14		
15	16QAM	36	0	18.52	18.17	18.60	18.21	18.48		
15	16QAM	36	20	18.52	18.26	18.51	18.24	18.36	19.5	2
15	16QAM	36	39	18.57	18.14	18.45	18.26	18.17		
15	16QAM	75	0	18.46	18.18	18.48	18.11	18.27		
15	64QAM	1	0	18.16	17.83	18.10	17.97	18.03		
15	64QAM	1	37	18.27	17.91	18.32	18.03	18.11	19.5	2
15	64QAM	1	74	18.06	17.90	18.12	17.89	17.84		
15	64QAM	36	0	17.53	17.15	17.46	17.21	17.38		
15	64QAM	36	20	17.59	17.20	17.49	17.13	17.33	18.5	3
15	64QAM	36	39	17.42	17.21	17.56	17.13	17.14		
15	64QAM	75	0	17.43	17.10	17.45	17.14	17.37		
15	256QAM	1	0	15.20	15.20	15.20	15.15	15.27		
15	256QAM	1	37	15.11	15.14	15.24	15.15	15.03	16.5	5
15	256QAM	1	74	15.15	15.27	15.08	15.17	15.21		
15	256QAM	36	0	15.22	15.10	15.22	15.02	15.12		
15	256QAM	36	20	15.24	15.15	15.20	15.04	15.09	16.5	5
15	256QAM	36	39	15.11	15.26	15.15	15.14	15.14		
15	256QAM	75	0	15.22	15.22	15.13	15.20	15.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.49	20.20	20.40	20.17	20.38		
10	QPSK	1	25	20.57	20.24	20.64	20.31	20.41	21.5	0
10	QPSK	1	49	20.40	20.17	20.44	20.20	20.20		
10	QPSK	25	0	19.51	19.16	19.46	19.18	19.44		
10	QPSK	25	12	19.53	19.18	19.53	19.24	19.53	20.5	1
10	QPSK	25	25	19.52	19.25	19.45	19.12	19.28		
10	QPSK	50	0	19.52	19.18	19.55	19.25	19.32		
10	16QAM	1	0	19.36	19.24	19.40	19.19	19.38		
10	16QAM	1	25	19.46	19.27	19.46	19.36	19.34	20.5	1
10	16QAM	1	49	19.45	19.24	19.35	19.21	19.14		
10	16QAM	25	0	18.59	18.20	18.62	18.17	18.52		
10	16QAM	25	12	18.58	18.29	18.61	18.26	18.30	19.5	2
10	16QAM	25	25	18.56	18.13	18.49	18.23	18.23		
10	16QAM	50	0	18.55	18.22	18.53	18.15	18.32		
10	64QAM	1	0	18.08	17.82	18.11	17.85	18.01		
10	64QAM	1	25	18.29	18.03	18.24	18.00	18.13	19.5	2
10	64QAM	1	49	18.10	17.88	18.14	17.93	17.91		
10	64QAM	25	0	17.47	17.12	17.43	17.11	17.46		
10	64QAM	25	12	17.51	17.26	17.50	17.13	17.38	18.5	3
10	64QAM	25	25	17.49	17.17	17.43	17.13	17.25		
10	64QAM	50	0	17.50	17.16	17.54	17.14	17.32		
10	256QAM	1	0	15.26	15.19	15.18	15.22	15.29		
10	256QAM	1	25	15.11	15.05	15.21	15.17	15.03	16.5	5
10	256QAM	1	49	15.06	15.28	15.05	15.26	15.24		
10	256QAM	25	0	15.19	15.14	15.27	15.06	15.23		
10	256QAM	25	12	15.12	15.18	15.15	15.13	15.06	16.5	5
10	256QAM	25	25	15.15	15.23	15.21	15.28	15.19		
10	256QAM	50	0	15.16	15.11	15.27	15.15	15.13		
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	20.48	20.09	20.36	20.21	20.37		
5	QPSK	1	12	20.56	20.28	20.35	20.23	20.38	21.5	0
5	QPSK	1	24	20.48	20.26	20.20	20.22	20.26		
5	QPSK	12	0	19.51	19.28	19.35	19.20	19.39		
5	QPSK	12	7	19.59	19.24	19.53	19.29	19.49	20.5	1
5	QPSK	12	13	19.52	19.18	19.25	19.12	19.28		
5	QPSK	25	0	19.49	19.15	19.26	19.19	19.25		
5	16QAM	1	0	19.40	19.16	19.33	19.16	19.28		
5	16QAM	1	12	19.53	19.35	19.45	19.34	19.33	20.5	1
5	16QAM	1	24	19.38	19.12	19.10	19.11	19.12		
5	16QAM	12	0	18.52	18.25	18.39	18.15	18.49		
5	16QAM	12	7	18.61	18.30	18.34	18.22	18.41	19.5	2
5	16QAM	12	13	18.54	18.11	18.19	18.26	18.27		
5	16QAM	25	0	18.44	18.21	18.36	18.11	18.37		
5	64QAM	1	0	18.09	17.93	18.05	17.84	18.06		
5	64QAM	1	12	18.33	17.94	18.11	18.02	18.12	19.5	2
5	64QAM	1	24	18.11	18.00	17.96	17.91	17.98		
5	64QAM	12	0	17.42	17.15	17.34	17.25	17.38		
5	64QAM	12	7	17.45	17.24	17.31	17.27	17.33	18.5	3
5	64QAM	12	13	17.55	17.21	17.17	17.16	17.24		
5	64QAM	25	0	17.46	17.07	17.31	17.09	17.33		
5	256QAM	1	0	15.17	15.20	15.15	15.23	15.24		
5	256QAM	1	12	15.21	15.11	15.16	15.10	15.06	16.5	5
5	256QAM	1	24	15.18	15.23	15.25	15.18	15.27		
5	256QAM	12	0	15.26	15.12	15.08	15.14	15.18		
5	256QAM	12	7	15.18	15.14	15.08	15.16	15.04	16.5	5
5	256QAM	12	13	15.12	15.21	15.22	15.24	15.23		
5	256QAM	25	0	15.24	15.25	15.17	15.25	15.09		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.15	22.16	22.29	22.12	22.41		
20	QPSK	1	49	22.31	22.31	22.56	22.33	22.45	23	0
20	QPSK	1	99	22.09	22.30	22.41	22.13	22.21		
20	QPSK	50	0	22.21	22.15	22.46	22.29	22.51		
20	QPSK	50	24	22.30	22.21	22.54	22.32	22.52	23	0
20	QPSK	50	50	22.26	22.20	22.52	22.26	22.39		
20	QPSK	100	0	22.28	22.22	22.47	22.27	22.46		
20	16QAM	1	0	22.24	22.05	22.38	22.16	22.47		
20	16QAM	1	49	22.33	22.24	22.51	22.36	22.53	23	0
20	16QAM	1	99	22.21	22.26	22.45	22.17	22.25		
20	16QAM	50	0	22.16	22.14	22.48	22.29	22.41		
20	16QAM	50	24	22.30	22.22	22.51	22.34	22.53	23	0
20	16QAM	50	50	22.32	22.26	22.49	22.23	22.41		
20	16QAM	100	0	22.26	22.23	22.50	22.31	22.45		
20	64QAM	1	0	21.96	21.85	22.09	21.94	22.16		
20	64QAM	1	49	22.06	21.97	22.32	22.10	22.20	23	0
20	64QAM	1	99	21.90	22.00	22.12	21.95	21.91		
20	64QAM	50	0	21.35	21.24	21.58	21.39	21.63		
20	64QAM	50	24	21.37	21.30	21.62	21.40	21.59	22.5	0.5
20	64QAM	50	50	21.40	21.33	21.62	21.33	21.51		
20	64QAM	100	0	21.33	21.31	21.57	21.35	21.54		
20	256QAM	1	0	19.59	19.58	19.74	19.61	19.87		
20	256QAM	1	49	19.81	19.79	20.02	19.79	19.93	20.5	2.5
20	256QAM	1	99	19.55	19.73	19.83	19.62	19.68		
20	256QAM	50	0	19.66	19.55	19.88	19.73	19.97		
20	256QAM	50	24	19.76	19.67	19.98	19.76	19.97	20.5	2.5
20	256QAM	50	50	19.65	19.66	19.98	19.66	19.87		
20	256QAM	100	0	19.78	19.65	19.95	19.76	19.93		
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	22.14	22.08	22.26	22.07	22.37		
15	QPSK	1	37	22.22	22.24	22.51	22.28	22.41	23	0
15	QPSK	1	74	22.04	22.24	22.39	22.09	22.13		
15	QPSK	36	0	22.11	22.14	22.41	22.22	22.45		
15	QPSK	36	20	22.25	22.13	22.47	22.30	22.47	23	0
15	QPSK	36	39	22.26	22.18	22.42	22.23	22.38		
15	QPSK	75	0	22.25	22.18	22.45	22.22	22.41		
15	16QAM	1	0	22.21	22.05	22.33	22.15	22.42		
15	16QAM	1	37	22.26	22.24	22.50	22.30	22.49	23	0
15	16QAM	1	74	22.13	22.22	22.39	22.13	22.21		
15	16QAM	36	0	22.08	22.04	22.41	22.23	22.37		
15	16QAM	36	20	22.27	22.15	22.48	22.30	22.48	23	0
15	16QAM	36	39	22.25	22.19	22.47	22.20	22.35		
15	16QAM	75	0	22.19	22.14	22.41	22.23	22.37		
15	64QAM	1	0	21.87	21.78	22.06	21.89	22.13		
15	64QAM	1	37	22.00	21.88	22.25	22.04	22.16	23	0
15	64QAM	1	74	21.88	21.95	22.04	21.82	21.83		
15	64QAM	36	0	21.29	21.20	21.53	21.39	21.56		
15	64QAM	36	20	21.37	21.31	21.59	21.38	21.47	22.5	0.5
15	64QAM	36	39	21.31	21.25	21.53	21.28	21.45		
15	64QAM	75	0	21.33	21.25	21.56	21.31	21.49		
15	256QAM	1	0	19.57	19.57	19.68	19.54	19.82		
15	256QAM	1	37	19.76	19.74	19.98	19.76	19.85	20.5	2.5
15	256QAM	1	74	19.50	19.71	19.79	19.61	19.63		
15	256QAM	36	0	19.62	19.54	19.81	19.66	19.86		
15	256QAM	36	20	19.72	19.63	19.93	19.72	19.94	20.5	2.5
15	256QAM	36	39	19.55	19.59	19.91	19.63	19.82		
15	256QAM	75	0	19.71	19.54	19.91	19.75	19.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.15	22.11	22.21	22.07	22.41		
10	QPSK	1	25	22.23	22.24	22.48	22.27	22.42	23	0
10	QPSK	1	49	22.00	22.24	22.34	22.10	22.16		
10	QPSK	25	0	22.18	22.15	22.39	22.23	22.44		
10	QPSK	25	12	22.27	22.10	22.43	22.24	22.46	23	0
10	QPSK	25	25	22.19	22.12	22.43	22.20	22.33		
10	QPSK	50	0	22.23	22.10	22.45	22.17	22.43		
10	16QAM	1	0	22.18	21.95	22.35	22.09	22.37		
10	16QAM	1	25	22.27	22.14	22.41	22.36	22.44	23	0
10	16QAM	1	49	22.16	22.18	22.40	22.14	22.18		
10	16QAM	25	0	22.10	22.12	22.38	22.19	22.35		
10	16QAM	25	12	22.23	22.14	22.49	22.25	22.49	23	0
10	16QAM	25	25	22.23	22.21	22.39	22.18	22.40		
10	16QAM	50	0	22.22	22.15	22.38	22.24	22.42		
10	64QAM	1	0	21.90	21.77	21.99	21.87

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.41	22.25	22.64	22.44	22.61		
20	QPSK	1	49	22.65	22.53	22.74	22.60	22.73	23	0
20	QPSK	1	99	22.44	22.53	22.68	22.43	22.44		
20	QPSK	50	0	22.08	22.01	22.36	22.17	22.26		
20	QPSK	50	24	22.22	22.15	22.40	22.19	22.36	23	0
20	QPSK	50	50	22.20	22.11	22.33	22.12	22.20		
20	QPSK	100	0	22.17	22.12	22.34	22.10	22.24		
20	16QAM	1	0	22.16	22.16	22.36	22.15	22.41		
20	16QAM	1	49	22.33	22.19	22.50	22.36	22.39	23	0
20	16QAM	1	99	22.15	22.19	22.39	22.09	22.13		
20	16QAM	50	0	21.13	21.06	21.31	21.12	21.42		
20	16QAM	50	24	21.24	21.10	21.44	21.19	21.38	22	1
20	16QAM	50	50	21.21	21.13	21.42	21.13	21.21		
20	16QAM	100	0	21.14	21.06	21.35	21.11	21.25		
20	64QAM	1	0	21.07	20.82	21.20	20.99	21.26		
20	64QAM	1	49	21.19	21.02	21.26	21.15	21.27	22	1
20	64QAM	1	99	20.98	21.05	21.21	20.97	20.98		
20	64QAM	50	0	20.06	20.02	20.31	20.09	20.36		
20	64QAM	50	24	20.17	20.07	20.36	20.13	20.31	21	2
20	64QAM	50	50	20.17	20.09	20.32	20.08	20.20		
20	64QAM	100	0	20.14	20.04	20.27	20.13	20.21		
20	256QAM	1	0	18.29	18.24	18.56	18.40	18.58		
20	256QAM	1	49	18.65	18.51	18.73	18.61	18.70	19	4
20	256QAM	1	99	18.40	18.46	18.65	18.41	18.39		
20	256QAM	50	0	18.03	18.02	18.34	18.16	18.19		
20	256QAM	50	24	18.14	18.04	18.35	18.12	18.30	19	4
20	256QAM	50	50	18.11	18.03	18.25	18.05	18.17		
20	256QAM	100	0	18.12	18.06	18.27	18.08	18.21		
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	22.29	22.20	22.52	22.41	22.62		
15	QPSK	1	37	22.60	22.49	22.69	22.55	22.62	23	0
15	QPSK	1	74	22.35	22.45	22.58	22.41	22.36		
15	QPSK	36	0	22.01	21.96	22.33	22.13	22.22		
15	QPSK	36	20	22.22	22.09	22.36	22.14	22.29	23	0
15	QPSK	36	39	22.17	22.10	22.31	22.02	22.14		
15	QPSK	75	0	22.15	22.04	22.31	22.04	22.16		
15	16QAM	1	0	22.12	22.10	22.32	22.08	22.36		
15	16QAM	1	37	22.32	22.09	22.41	22.33	22.34	23	0
15	16QAM	1	74	22.12	22.14	22.33	22.02	22.05		
15	16QAM	36	0	21.04	21.05	21.19	21.10	21.38		
15	16QAM	36	20	21.18	21.08	21.39	21.19	21.39	22	1
15	16QAM	36	39	21.17	21.08	21.38	21.18	21.14		
15	16QAM	75	0	21.10	21.01	21.28	21.07	21.20		
15	64QAM	1	0	21.05	20.72	21.16	20.95	21.19		
15	64QAM	1	37	21.12	20.95	21.18	21.08	21.22	22	1
15	64QAM	1	74	20.92	21.00	21.15	20.94	20.88		
15	64QAM	36	0	20.02	20.02	20.29	20.07	20.30		
15	64QAM	36	20	20.14	20.03	20.30	20.13	20.24	21	2
15	64QAM	36	39	20.13	20.06	20.26	20.04	20.15		
15	64QAM	75	0	20.06	19.99	20.24	20.10	20.18		
15	256QAM	1	0	18.26	18.22	18.56	18.39	18.53		
15	256QAM	1	37	18.60	18.44	18.66	18.56	18.59	19	4
15	256QAM	1	74	18.36	18.36	18.66	18.32	18.32		
15	256QAM	36	0	18.03	18.00	18.32	18.09	18.10		
15	256QAM	36	20	18.05	17.95	18.35	18.07	18.25	19	4
15	256QAM	36	39	18.04	17.94	18.23	17.96	18.18		
15	256QAM	75	0	18.11	18.05	18.21	18.07	18.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.38	22.23	22.55	22.41	22.57		
10	QPSK	1	25	22.57	22.52	22.69	22.54	22.67	23	0
10	QPSK	1	49	22.35	22.43	22.64	22.34	22.42		
10	QPSK	25	0	21.99	21.97	22.27	22.06	22.18		
10	QPSK	25	12	22.22	22.09	22.30	22.12	22.32	23	0
10	QPSK	25	25	22.13	22.07	22.31	22.07	22.11		
10	QPSK	50	0	22.12	22.08	22.31	22.03	22.22		
10	16QAM	1	0	22.13	22.05	22.31	22.14	22.34		
10	16QAM	1	25	22.28	22.10	22.46	22.30	22.30	23	0
10	16QAM	1	49	22.05	22.15	22.33	22.03	22.13		
10	16QAM	25	0	21.09	20.99	21.23	21.06	21.35		
10	16QAM	25	12	21.22	21.09	21.37	21.15	21.38	22	1
10	16QAM	25	25	21.11	21.09	21.32	21.13	21.16		
10	16QAM	50	0	21.06	20.96	21.30	21.07	21.23		
10	64QAM	1	0	21.05	20.80	21.15	20.90	21.18		
10	64QAM	1	25	21.16	20.99	21.20	21.06	21.26	22	1
10	64QAM	1	49	20.91	21.01	21.12	20.95	20.93		
10	64QAM	25	0	20.00	19.95	20.23	20.04	20.29		
10	64QAM	25	12	20.16	20.04	20.32	20.01	20.21	21	2
10	64QAM	25	25	20.07	20.03	20.21	20.00	20.12		
10	64QAM	50	0	20.07	19.92	20.23	20.05	20.15		
10	256QAM	1	0	18.24	18.25	18.48	18.31	18.56		
10	256QAM	1	25	18.62	18.43	18.70	18.58	18.63	19	4
10	256QAM	1	49	18.40	18.41	18.61	18.34	18.35		
10	256QAM	25	0	17.97	18.02	18.32	18.14	18.17		
10	256QAM	25	12	18.05	17.98	18.29	18.10	18.26	19	4
10	256QAM	25	25	18.06	18.02	18.21	18.02	18.05		
10	256QAM	50	0	18.02	17.98	18.24	18.03	18.22		
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	22.35	22.18	22.56	22.38	22.60		
5	QPSK	1	12	22.61	22.42	22.63	22.49	22.65	23	0
5	QPSK	1	24	22.42	22.50	22.62	22.37	22.37		
5	QPSK	12	0	22.00	22.01	22.26	22.08	22.24		
5	QPSK	12	7	22.22	22.07	22.40	22.14	22.36	23	0
5	QPSK	12	13	22.10	22.11	22.25	22.07	22.15		
5	QPSK	25	0	22.12	22.10	22.30	22.09	22.20		
5	16QAM	1	0	22.09	22.16	22.31	22.08	22.40		
5	16QAM	1	12	22.27	22.10	22.50	22.30	22.38	23	0
5	16QAM	1	24	22.13	22.14	22.40	22.04	22.07		
5	16QAM	12	0	21.13	21.05	21.30	21.04	21.33		
5	16QAM	12	7	21.22	21.05	21.40	21.12	21.34	22	1
5	16QAM	12	13	21.13	21.08	21.33	21.06	21.19		
5	16QAM	25	0	21.08	20.99	21.29	21.03	21.22		
5	64QAM	1	0	20.99	20.78	21.13	20.89	21.21		
5	64QAM	1	12	21.07	20.94	21.23	21.13	21.19	22	1
5	64QAM	1	24	20.96	21.02	21.19	20.91	20.95		
5	64QAM	12	0	20.04	19.96	20.21	20.06	20.28		
5	64QAM	12	7	20.13	20.00	20.31	20.08	20.26		
5	64QAM	12	13	20.11	20.01	20.29	19.98	20.11	21	2
5	64QAM	25	0	20.10	19.93	20.27	20.05	20.15		
5	256QAM	1	0	18.24	18.16	18.49	18.36	18.53		
5	256QAM	1	12	18.61	18.43	18.61	18.56	18.60	19	4
5	256QAM	1	24	18.35	18.40	18.60	18.34	18.35		
5	256QAM	12	0	17.92	17.97	18.31	18.07	18.11		
5	256QAM	12	7	18.04	17.98	18.35	18.07	18.26	19	4
5	256QAM	12	13	18.04	17.94	18.19	17.98	18.12		
5	256QAM	25	0	18.09	18.02	18.20	18.05	18.16		

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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	20.76	20.64	20.85	20.55	20.68		
20	QPSK	1	49	20.95	20.82	20.97	20.58	20.73	21.5	0
20	QPSK	1	99	20.75	20.80	20.85	20.49	20.50		
20	QPSK	50	0	20.67	20.59	20.84	20.47	20.70		
20	QPSK	50	24	20.79	20.74	20.91	20.50	20.72	21.5	0
20	QPSK	50	50	20.76	20.71	20.90	20.43	20.55		
20	QPSK	100	0	20.73	20.66	20.82	20.47	20.62		
20	16QAM	1	0	20.79	20.64	20.86	20.57	20.70		
20	16QAM	1	49	20.94	20.82	20.91	20.69	20.82	21.5	0
20	16QAM	1	99	20.80	20.91	20.87	20.50	20.46		
20	16QAM	50	0	20.66	20.67	20.89	20.51	20.72		
20	16QAM	50	24	20.77	20.75	20.92	20.57	20.68	21.5	0
20	16QAM	50	50	20.80	20.74	20.94	20.46	20.56		
20	16QAM	100	0	20.73	20.69	20.88	20.49	20.63		
20	64QAM	1	0	20.82	20.66	20.92	20.64	20.77		
20	64QAM	1	49	20.89	20.84	20.85	20.74	20.79	21.5	0
20	64QAM	1	99	20.81	20.89	20.87	20.53	20.49		
20	64QAM	50	0	19.84	19.78	20.08	19.70	19.85		
20	64QAM	50	24	19.95	19.89	20.06	19.71	19.83	21	0.5
20	64QAM	50	50	19.94	19.88	19.96	19.61	19.69		
20	64QAM	100	0	19.92	19.86	20.06	19.61	19.76		
20	256QAM	1	0	18.21	18.07	18.30	18.02	18.11		
20	256QAM	1	49	18.36	18.26	18.45	18.04	18.17	19	2.5
20	256QAM	1	99	18.18	18.22	18.30	18.05	17.99		
20	256QAM	50	0	18.14	18.07	18.27	17.97	18.15		
20	256QAM	50	24	18.19	18.23	18.41	17.98	18.16	19	2.5
20	256QAM	50	50	18.23	18.11	18.40	17.95	17.98		
20	256QAM	100	0	18.18	18.11	18.28	17.96	18.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.67	20.58	20.77	20.48	20.56		
15	QPSK	1	37	20.83	20.76	20.95	20.49	20.61	21.5	0
15	QPSK	1	74	20.72	20.68	20.77	20.48	20.46		
15	QPSK	36	0	20.62	20.52	20.82	20.40	20.65		
15	QPSK	36	20	20.75	20.72	20.88	20.44	20.67	21.5	0
15	QPSK	36	39	20.72	20.66	20.87	20.45	20.51		
15	QPSK	75	0	20.64	20.64	20.79	20.41	20.55		
15	16QAM	1	0	20.75	20.60	20.84	20.55	20.58		
15	16QAM	1	37	20.83	20.72	20.82	20.65	20.76	21.5	0
15	16QAM	1	74	20.76	20.92	20.77	20.50	20.46		
15	16QAM	36	0	20.54	20.62	20.86	20.40	20.66		
15	16QAM	36	20	20.71	20.67	20.83	20.55	20.57	21.5	0
15	16QAM	36	39	20.76	20.68	20.83	20.38	20.45		
15	16QAM	75	0	20.65	20.59	20.79	20.40	20.59		
15	64QAM	1	0	20.72	20.63	20.93	20.54	20.73		
15	64QAM	1	37	20.82	20.78	20.83	20.69	20.73	21.5	0
15	64QAM	1	74	20.75	20.87	20.81	20.49	20.47		
15	64QAM	36	0	19.73	19.69	20.06	19.62	19.81		
15	64QAM	36	20	19.90	19.87	20.06	19.67	19.81	21	0.5
15	64QAM	36	39	19.86	19.83	19.93	19.57	19.63		
15	64QAM	75	0	19.84	19.74	19.98	19.58	19.69		
15	256QAM	1	0	18.10	18.00	18.28	17.96	18.02		
15	256QAM	1	37	18.29	18.21	18.41	17.93	18.11	19	2.5
15	256QAM	1	74	18.12	18.16	18.25	17.96	17.96		
15	256QAM	36	0	18.06	18.07	18.24	17.96	18.10		
15	256QAM	36	20	18.15	18.21	18.35	17.90	18.12	19	2.5
15	256QAM	36	39	18.17	18.04	18.31	17.89	17.91		
15	256QAM	75	0	18.16	18.00	18.22	17.92	18.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.73	20.59	20.77	20.47	20.68		
10	QPSK	1	25	20.87	20.77	20.90	20.52	20.72	21.5	0
10	QPSK	1	49	20.65	20.81	20.75	20.47	20.47		
10	QPSK	25	0	20.61	20.51	20.72	20.42	20.60		
10	QPSK	25	12	20.73	20.68	20.81	20.39	20.62	21.5	0
10	QPSK	25	25	20.71	20.67	20.85	20.37	20.45		
10	QPSK	50	0	20.65	20.60	20.77	20.47	20.59		
10	16QAM	1	0	20.69	20.54	20.81	20.48	20.61		
10	16QAM	1	25	20.85	20.75	20.82	20.62	20.76	21.5	0
10	16QAM	1	49	20.68	20.85	20.85	20.46	20.38		
10	16QAM	25	0	20.62	20.65	20.80	20.47	20.71		
10	16QAM	25	12	20.74	20.71	20.87	20.52	20.62	21.5	0
10	16QAM	25	25	20.79	20.73	20.87	20.38	20.56		
10	16QAM	50	0	20.66	20.62	20.85	20.39	20.59		
10	64QAM	1	0	20.78	20.63	20.88	20.60	20.74		
10	64QAM	1	25	20.86	20.82	20.78	20.73	20.72	21.5	0
10	64QAM	1	49	20.77	20.79	20.81	20.45	20.41		
10	64QAM	25	0	19.78	19.66	20.02	19.64	19.82		
10	64QAM	25	12	19.94	19.85	19.97	19.60	19.77	21	0.5
10	64QAM	25	25	19.90	19.86	19.89	19.55	19.63		
10	64QAM	50	0	19.87	19.78	20.01	19.52	19.72		
10	256QAM	1	0	18.15	18.04	18.23	17.96	18.07		
10	256QAM	1	25	18.34	18.19	18.39	17.98	18.08	19	2.5
10	256QAM	1	49	18.15	18.14	18.27	17.97	17.95		
10	256QAM	25	0	18.09	17.96	18.19	17.95	18.13		
10	256QAM	25	12	18.10	18.16	18.37	17.92	18.11	19	2.5
10	256QAM	25	25	18.17	18.11	18.39	17.92	17.97		
10	256QAM	50	0	18.09	18.04	18.20	17.92	18.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.70	20.61	20.79	20.47	20.63		
5	QPSK	1	12	20.90	20.76	20.88	20.48	20.65	21.5	0
5	QPSK	1	24	20.71	20.76	20.73	20.45	20.40		
5	QPSK	12	0	20.61	20.55	20.84	20.47	20.65		
5	QPSK	12	7	20.73	20.75	20.85	20.50	20.63	21.5	0
5	QPSK	12	13	20.70	20.66	20.89	20.47	20.48		
5	QPSK	25	0	20.66	20.59	20.79	20.42	20.57		
5	16QAM	1	0	20.71	20.59	20.77	20.48	20.67		
5	16QAM	1	12	20.92	20.78	20.83	20.60	20.79	21.5	0
5	16QAM	1	24	20.76	20.86	20.82	20.45	20.44		
5	16QAM	12	0	20.57	20.62	20.88	20.48	20.67		
5	16QAM	12	7	20.78	20.71	20.90	20.48	20.64	21.5	0
5	16QAM	12	13	20.76	20.67	20.89	20.41	20.50		
5	16QAM	25	0	20.70	20.58	20.81	20.43	20.57		
5	64QAM	1	0	20.71	20.60	20.89	20.59	20.72		
5	64QAM	1	12	20.87	20.83	20.80	20.66	20.77	21.5	0
5	64QAM	1	24	20.76	20.86	20.85	20.47	20.43		
5	64QAM	12	0	19.79	19.74	20.02	19.63	19.85		
5	64QAM	12	7	19.85	19.84	19.99	19.60	19.80	21	0.5
5	64QAM	12	13	19.88	19.84	19.91	19.62	19.63		
5	64QAM	25	0	19.84	19.74	19.98	19.56	19.71		
5	256QAM	1	0	18.18	18.00	18.29	17.98	18.05		
5	256QAM	1	12	18.32	18.23	18.40	17.98	18.14	19	2.5
5	256QAM	1	24	18.16	18.16	18.31	18.02	17.96		
5	256QAM	12	0	18.13	18.06	18.22	17.92	18.12		
5	256QAM	12	7	18.10	18.16	18.41	17.95	18.04	19	2.5
5	256QAM	12	13	18.16	18.06	18.34	17.95	17.94		
5	256QAM	25	0	18.13	18.04	18.19	17.95	17.97		

Reduced Power Mode for Main PA DSI3

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	32.19	32.28	32.21	33.50	23.19	23.28	23.21	24.50
GPRS 1 Tx slot	32.29	32.33	32.29	33.50	23.29	23.33	23.29	24.50
GPRS 2 Tx slots	31.51	31.56	31.53	32.50	25.51	25.56	25.53	26.50
GPRS 3 Tx slots	29.75	29.74	29.77	30.50	25.49	25.48	25.51	26.24
GPRS 4 Tx slots	28.62	28.65	28.60	29.50	25.62	25.65	25.60	26.50
EDGE 1 Tx slot	27.24	27.12	27.14	28.00	18.24	18.12	18.14	19.00
EDGE 2 Tx slots	26.29	26.14	26.22	27.00	20.29	20.14	20.22	21.00
EDGE 3 Tx slots	24.31	24.12	24.22	25.00	20.05	19.86	19.96	20.74
EDGE 4 Tx slots	23.10	22.87	23.10	24.00	20.10	19.87	20.10	21.00

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	32.31	32.38	32.28	33.50	23.31	23.38	23.28	24.50
GPRS 1 Tx slot	32.34	32.40	32.36	33.50	23.34	23.40	23.36	24.50
GPRS 2 Tx slots	31.56	31.63	31.61	32.50	25.56	25.63	25.61	26.50
GPRS 3 Tx slots	29.77	29.82	29.81	30.50	25.51	25.56	25.55	26.24
GPRS 4 Tx slots	29.05	28.76	29.15	29.50	26.05	25.76	26.15	26.50
EDGE 1 Tx slot	27.31	27.24	27.32	28.00	18.31	18.24	18.32	19.00
EDGE 2 Tx slots	26.32	26.15	26.23	27.00	20.32	20.15	20.23	21.00
EDGE 3 Tx slots	24.33	24.23	24.31	25.00	20.07	19.97	20.05	20.74
EDGE 4 Tx slots	23.05	23.00	23.12	24.00	20.05	20.00	20.12	21.00

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.94	30.05	29.97	30.50	20.94	21.05	20.97	21.50
GPRS 1 Tx slot	30.00	30.18	30.08	30.50	21.00	21.18	21.08	21.50
GPRS 2 Tx slots	29.13	29.29	29.26	30.00	23.13	23.29	23.26	24.00
GPRS 3 Tx slots	27.33	27.50	27.51	28.00	23.07	23.24	23.25	23.74
GPRS 4 Tx slots	26.25	26.42	26.41	27.00	23.25	23.42	23.41	24.00
EDGE 1 Tx slot	25.63	25.88	25.72	26.50	16.63	16.88	16.72	17.50
EDGE 2 Tx slots	24.50	24.76	24.86	25.50	18.50	18.76	18.86	19.50
EDGE 3 Tx slots	22.23	22.70	22.55	23.00	17.97	18.44	18.29	18.74
EDGE 4 Tx slots	21.02	21.51	21.45	22.00	18.02	18.51	18.45	19.00

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.07	29.09	29.09	29.20	20.07	20.09	20.09	20.20
GPRS 1 Tx slot	29.10	29.15	29.13	29.20	20.10	20.15	20.13	20.20
GPRS 2 Tx slots	28.41	28.43	28.36	28.70	22.41	22.43	22.36	22.70
GPRS 3 Tx slots	26.60	26.63	26.63	26.70	22.34	22.37	22.37	22.44
GPRS 4 Tx slots	25.51	25.55	25.53	25.70	22.51	22.55	22.53	22.70
EDGE 1 Tx slot	24.78	25.05	25.01	25.20	15.78	16.05	16.01	16.20
EDGE 2 Tx slots	23.77	23.98	23.99	24.20	17.77	17.98	17.99	18.20
EDGE 3 Tx slots	21.57	21.56	21.55	21.70	17.31	17.30	17.29	17.44
EDGE 4 Tx slots	20.35	20.51	20.66	20.70	17.35	17.51	17.66	17.70

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA II_Ant 4			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	24.41	24.48	24.39	25.00	23.38	23.41	23.40	23.70
3GPP Rel 99	RMC 12.2Kbps	24.47	24.51	24.43	25.00	23.41	23.49	23.45	23.70
3GPP Rel 6	HSDPA Subtest-1	23.50	23.43	23.23	24.00	22.57	22.51	22.53	22.70
3GPP Rel 6	HSDPA Subtest-2	23.51	23.42	23.39	24.00	22.56	22.54	22.51	22.70
3GPP Rel 6	HSDPA Subtest-3	23.01	22.94	22.94	23.50	22.12	22.04	22.04	22.20
3GPP Rel 6	HSDPA Subtest-4	22.98	22.91	22.91	23.50	22.03	22.00	22.00	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.39	23.32	23.12	24.00	22.55	22.49	22.51	23.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.40	23.31	23.28	24.00	22.48	22.46	22.43	23.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.90	22.83	22.83	23.50	22.04	21.96	21.96	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.87	22.80	22.80	23.50	21.95	21.92	21.92	22.20
3GPP Rel 6	HSUPA Subtest-1	21.43	21.41	21.43	22.00	20.56	20.51	20.51	20.70
3GPP Rel 6	HSUPA Subtest-2	21.45	21.39	21.33	22.00	20.55	20.49	20.50	20.70
3GPP Rel 6	HSUPA Subtest-3	22.48	22.36	22.44	23.00	21.62	21.55	21.56	21.70
3GPP Rel 6	HSUPA Subtest-4	20.99	20.96	20.90	21.50	20.12	20.07	20.07	20.20
3GPP Rel 6	HSUPA Subtest-5	22.41	22.33	22.41	23.00	21.51	21.50	21.52	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.88	20.87	20.78	21.50	20.04	20.00	20.05	20.20

Band		WCDMA IV_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 4			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	24.21	24.33	24.32	25.00	23.36	23.35	23.33	23.70
3GPP Rel 99	RMC 12.2Kbps	24.31	24.35	24.33	25.00	23.41	23.44	23.39	23.70
3GPP Rel 6	HSDPA Subtest-1	23.25	23.20	23.33	24.00	22.45	22.46	22.51	22.70
3GPP Rel 6	HSDPA Subtest-2	23.21	23.21	23.32	24.00	22.47	22.41	22.55	22.70
3GPP Rel 6	HSDPA Subtest-3	22.79	22.73	22.82	23.50	22.00	21.97	22.07	22.20
3GPP Rel 6	HSDPA Subtest-4	22.75	22.69	22.79	23.50	21.98	21.91	22.03	22.20
3GPP Rel 8	DC-HSDPA Subtest-1	23.13	23.08	23.21	23.50	22.36	22.37	22.42	22.70
3GPP Rel 8	DC-HSDPA Subtest-2	23.09	23.09	23.20	23.50	22.38	22.32	22.46	22.70
3GPP Rel 8	DC-HSDPA Subtest-3	22.67	22.61	22.70	23.00	21.91	21.88	21.98	22.20
3GPP Rel 8	DC-HSDPA Subtest-4	22.63	22.57	22.67	23.00	21.98	21.91	22.03	22.20
3GPP Rel 6	HSUPA Subtest-1	21.21	21.16	21.33	22.00	20.44	20.48	20.53	20.70
3GPP Rel 6	HSUPA Subtest-2	21.24	21.19	21.32	22.00	20.48	20.41	20.54	20.70
3GPP Rel 6	HSUPA Subtest-3	22.14	22.19	22.34	23.00	21.49	21.45	21.54	21.70
3GPP Rel 6	HSUPA Subtest-4	20.89	20.73	20.85	21.50	19.98	19.97	20.09	20.20
3GPP Rel 6	HSUPA Subtest-5	22.30	22.10	22.31	23.00	21.55	21.42	21.51	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.87	20.95	20.95	21.50	20.00	20.13	20.01	20.20

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	23.86	23.81	23.83	25.00	23.05	23.09	23.08	24.00
3GPP Rel 99	RMC 12.2Kbps	23.89	23.91	23.88	25.00	23.14	23.16	23.12	24.00
3GPP Rel 6	HSDPA Subtest-1	22.91	22.88	22.83	24.00	21.91	21.94	21.95	23.00
3GPP Rel 6	HSDPA Subtest-2	22.92	22.89	22.89	24.00	21.93	21.92	21.90	23.00
3GPP Rel 6	HSDPA Subtest-3	22.45	22.39	22.42	23.50	21.44	21.44	21.43	22.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.34	22.34	23.50	21.41	21.40	21.42	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.83	22.80	22.75	24.00	21.90	21.93	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.81	22.81	24.00	21.87	21.90	21.85	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.37	22.31	22.34	23.50	21.45	21.35	21.38	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.35	22.28	22.28	23.50	21.40	21.34	21.39	22.50
3GPP Rel 6	HSUPA Subtest-1	20.86	20.83	20.86	22.00	20.03	20.09	20.14	21.00
3GPP Rel 6	HSUPA Subtest-2	20.89	20.85	20.85	22.00	20.08	20.05	20.08	21.00
3GPP Rel 6	HSUPA Subtest-3	21.95	21.91	21.90	23.00	21.01	20.96	20.97	22.00
3GPP Rel 6	HSUPA Subtest-4	20.62	20.57	20.39	21.50	19.66	19.60	19.64	20.50
3GPP Rel 6	HSUPA Subtest-5	21.98	21.93	21.88	23.00	20.90	20.90	20.90	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.04	20.02	19.95	21.00	19.13	18.98	19.07	20.00

Band 2 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.09	24.12	24.11		
20	QPSK	1	49	24.16	24.19	24.17	25.5	0
20	QPSK	1	99	23.94	23.91	23.99		
20	QPSK	50	0	23.13	23.15	23.00		
20	QPSK	50	24	23.14	23.16	23.15	24.5	1
20	QPSK	50	50	23.11	23.01	23.02		
20	QPSK	100	0	23.00	23.14	23.08		
20	16QAM	1	0	23.28	23.31	23.23		
20	16QAM	1	49	23.36	23.39	23.35	24.5	1
20	16QAM	1	99	23.14	23.13	23.15		
20	16QAM	50	0	22.06	22.12	22.10		
20	16QAM	50	24	22.11	22.06	22.12	23.5	2
20	16QAM	50	50	22.01	22.01	22.07		
20	16QAM	100	0	22.08	22.05	22.07		
20	64QAM	1	0	22.12	22.15	22.05		
20	64QAM	1	49	22.19	22.19	22.21	23.5	2
20	64QAM	1	99	21.97	21.95	22.01		
20	64QAM	50	0	21.07	21.10	21.07		
20	64QAM	50	24	21.10	21.04	21.10	22.5	3
20	64QAM	50	50	21.17	20.99	20.99		
20	64QAM	100	0	21.01	21.04	21.07		
20	256QAM	1	0	19.03	19.00	18.94		
20	256QAM	1	49	19.18	19.22	19.04	20.5	5
20	256QAM	1	99	19.15	18.79	18.89		
20	256QAM	50	0	19.22	19.26	19.00		
20	256QAM	50	24	19.15	19.18	19.05	20.5	5
20	256QAM	50	50	19.08	19.12	19.02		
20	256QAM	100	0	19.11	18.98	19.01		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.04	24.17	24.06		
15	QPSK	1	37	24.11	24.04	24.10	25.5	0
15	QPSK	1	74	23.92	23.86	23.99		
15	QPSK	36	0	23.07	23.15	23.01		
15	QPSK	36	20	23.05	23.13	23.17	24.5	1
15	QPSK	36	39	23.13	23.00	23.03		
15	QPSK	75	0	22.94	23.13	23.10		
15	16QAM	1	0	23.31	23.21	23.23		
15	16QAM	1	37	23.28	23.28	23.40	24.5	1
15	16QAM	1	74	23.05	23.10	23.17		
15	16QAM	36	0	21.98	22.10	22.15		
15	16QAM	36	20	22.02	22.08	22.16	23.5	2
15	16QAM	36	39	22.17	22.05	21.97		
15	16QAM	75	0	22.04	22.05	22.04		
15	64QAM	1	0	22.04	22.19	22.02		
15	64QAM	1	37	22.19	22.15	22.23	23.5	2
15	64QAM	1	74	22.00	21.96	22.01		
15	64QAM	36	0	21.03	21.12	21.04		
15	64QAM	36	20	21.01	21.04	21.09	22.5	3
15	64QAM	36	39	21.15	20.97	21.04		
15	64QAM	75	0	21.08	20.99	21.06		
15	256QAM	1	0	19.03	19.04	18.98		
15	256QAM	1	37	19.13	19.17	19.06	20.5	5
15	256QAM	1	74	19.09	18.81	18.93		
15	256QAM	36	0	19.17	19.22	18.98		
15	256QAM	36	20	19.14	19.19	19.08	20.5	5
15	256QAM	36	39	19.00	19.13	18.97		
15	256QAM	75	0	19.11	18.99	19.04		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.08	24.07	24.14		
10	QPSK	1	25	24.15	24.09	24.10	25.5	0
10	QPSK	1	49	23.97	23.93	24.04		
10	QPSK	25	0	23.17	23.16	23.02		
10	QPSK	25	12	23.12	23.11	23.18	24.5	1
10	QPSK	25	25	23.07	22.91	22.97		
10	QPSK	50	0	23.02	23.13	23.02		
10	16QAM	1	0	23.30	23.35	23.20		
10	16QAM	1	25	23.38	23.32	23.26	24.5	1
10	16QAM	1	49	23.14	23.07	23.16		
10	16QAM	25	0	22.06	22.11	22.01		
10	16QAM	25	12	22.16	22.06	22.02	23.5	2
10	16QAM	25	25	22.05	22.05	21.94		
10	16QAM	50	0	22.12	22.09	21.97		
10	64QAM	1	0	22.13	22.10	22.03		
10	64QAM	1	25	22.21	22.20	22.16	23.5	2
10	64QAM	1	49	22.01	21.96	21.96		
10	64QAM	25	0	21.10	21.06	21.09		
10	64QAM	25	12	21.05	20.95	21.08	22.5	3
10	64QAM	25	25	21.21	21.03	21.02		
10	64QAM	50	0	21.14	21.04	21.10		
10	256QAM	1	0	19.01	19.03	18.90		
10	256QAM	1	25	19.12	19.15	18.94	20.5	5
10	256QAM	1	49	19.09	18.95	18.92		
10	256QAM	25	0	19.13	19.19	19.05		
10	256QAM	25	12	19.17	19.14	19.04	20.5	5
10	256QAM	25	25	19.09	19.13	19.06		
10	256QAM	50	0	19.15	18.96	19.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.08	24.17	24.13		
5	QPSK	1	12	24.07	24.02	24.10	25.5	0
5	QPSK	1	24	23.94	23.84	23.90		
5	QPSK	12	0	23.10	22.91	22.91		
5	QPSK	12	7	23.16	23.16	23.17	24.5	1
5	QPSK	12	13	23.10	22.94	22.92		
5	QPSK	25	0	22.90	23.18	23.07		
5	16QAM	1	0	23.26	23.31	23.25		
5	16QAM	1	12	23.32	23.28	23.26	24.5	1
5	16QAM	1	24	23.13	23.09	23.16		
5	16QAM	12	0	22.06	22.09	22.10		
5	16QAM	12	7	22.06	22.12	22.14	23.5	2
5	16QAM	12	13	22.06	21.96	21.90		
5	16QAM	25	0	22.07	21.96	22.10		
5	64QAM	1	0	22.10	22.16	21.98		
5	64QAM	1	12	22.16	22.21	22.00	23.5	2
5	64QAM	1	24	21.88	21.93	22.01		
5	64QAM	12	0	21.12	21.08	21.11		
5	64QAM	12	7	21.12	21.06	21.05	22.5	3
5	64QAM	12	13	21.15	21.02	21.00		
5	64QAM	25	0	21.00	21.00	21.12		
5	256QAM	1	0	19.05	18.91	18.93		
5	256QAM	1	12	19.18	19.26	18.95	20.5	5
5	256QAM	1	24	19.20	18.80	18.84		
5	256QAM	12	0	19.24	19.27	19.01		
5	256QAM	12	7	19.14	19.22	19.01	20.5	5
5	256QAM	12	13	19.09	19.04	19.01		
5	256QAM	25	0	19.16	19.00	19.00		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.13	24.04	24.15		
3	QPSK	1	8	24.10	24.13	24.14	25.5	0
3	QPSK	1	14	23.97	23.95	24.00		
3	QPSK	8	0	23.07	23.15	23.05		
3	QPSK	8	4	23.04	23.13	23.18	24.5	1
3	QPSK	8	7	23.01	22.97	22.92		
3	QPSK	15	0	23.02	23.12	23.04		
3	16QAM	1	0	23.24	23.21	23.18		
3	16QAM	1	8	23.39	23.25	23.26	24.5	1
3	16QAM	1	14	23.11	23.16	23.12		
3	16QAM	8	0	21.98	22.03	22.08		
3	16QAM	8	4	22.01	22.02	22.03	23.5	2
3	16QAM	8	7	22.12	21.94	22.01		
3	16QAM	15	0	22.05	22.10	22.10		
3	64QAM	1	0	22.06	22.15	22.03		
3	64QAM	1	8	22.22	22.23	22.25	23.5	2
3	64QAM	1	14	22.01	21.97	22.00		
3	64QAM	8	0	20.97	21.05	21.08		
3	64QAM	8	4	21.14	21.00	21.08	22.5	3
3	64QAM	8	7	21.14	20.93	20.91		
3	64QAM	15	0	21.02	20.98	21.08		
3	256QAM	1	0	19.04	18.94	18.96		
3	256QAM	1	8	19.22	19.21	19.09	20.5	5
3	256QAM	1	14	19.10	18.83	18.83		
3	256QAM	8	0	19.16	19.16	18.90		
3	256QAM	8	4	19.07	19.08	19.10	20.5	5
3	256QAM	8	7	19.05	19.04	19.07		
3	256QAM	15	0	19.07	18.97	18.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.16	24.05	24.08		
1.4	QPSK	1	3	24.11	24.18	24.12		
1.4	QPSK	1	5	24.05	23.98	24.04	25.5	0
1.4	QPSK	3	0	24.12	24.06	24.16		
1.4	QPSK	3	1	24.06	24.17	24.12		
1.4	QPSK	3	3	23.97	23.98	23.92		
1.4	QPSK	6	0	23.06	23.05	23.05	24.5	1
1.4	16QAM	1	0	23.03	23.03	23.10		
1.4	16QAM	1	3	23.04	22.95	22.94		
1.4	16QAM	1	5	23.05	23.02	23.04	24.5	1
1.4	16QAM	3	0	22.97	23.19	23.07		
1.4	16QAM	3	1	22.95	23.16	23.21		
1.4	16QAM	3	3	23.02	22.98	22.84		
1.4	16QAM	6	0	22.03	22.12	21.97	23.5	2
1.4	64QAM	1	0	22.23	22.23	22.30		
1.4	64QAM	1	3	21.91	21.99	22.03		
1.4	64QAM	1	5	22.09	22.10	22.02	23.5	2
1.4	64QAM	3	0	22.02	22.14	22.04		
1.4	64QAM	3	1	21.97	22.01	22.09		
1.4	64QAM	3	3	22.02	21.98	21.97		
1.4	64QAM	6	0	21.13	20.88	20.89	22.5	3
1.4	256QAM	1	0	19.00	18.93	19.01		
1.4	256QAM	1	3	19.11	19.13	19.07		
1.4	256QAM	1	5	19.02	18.70	18.87	20.5	5
1.4	256QAM	3	0	19.16	19.11	18.93		
1.4	256QAM	3	1	19.00	19.11	19.13		
1.4	256QAM	3	3	18.97	18.97	19.11		
1.4	256QAM	6	0	19.05	18.93	18.95	20.5	5

Band 2 Main PA_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.11	23.17	23.15		
20	QPSK	1	49	23.15	23.23	23.17	24.2	0
20	QPSK	1	99	23.06	22.93	23.00		
20	QPSK	50	0	22.16	22.18	22.11		
20	QPSK	50	24	22.21	22.25	22.17	23.2	1
20	QPSK	50	50	22.06	21.98	22.04		
20	QPSK	100	0	22.00	22.10	22.05		
20	16QAM	1	0	22.34	22.26	22.20		
20	16QAM	1	49	22.40	22.29	22.33	23.2	1
20	16QAM	1	99	22.20	22.07	22.10		
20	16QAM	50	0	21.18	21.11	21.14		
20	16QAM	50	24	21.20	21.07	21.08	22.2	2
20	16QAM	50	50	21.23	20.99	21.03		
20	16QAM	100	0	21.20	20.99	21.07		
20	64QAM	1	0	21.30	21.26	21.18		
20	64QAM	1	49	21.37	21.29	21.34	22.2	2
20	64QAM	1	99	21.22	21.18	21.20		
20	64QAM	50	0	20.18	20.04	20.09		
20	64QAM	50	24	20.17	20.03	20.08	21.2	3
20	64QAM	50	50	20.21	19.96	20.01		
20	64QAM	100	0	20.15	20.06	20.08		
20	256QAM	1	0	18.88	18.88	18.88		
20	256QAM	1	49	18.86	18.98	18.95	19.2	5
20	256QAM	1	99	18.90	18.88	18.87		
20	256QAM	50	0	18.96	18.85	18.95		
20	256QAM	50	24	18.97	18.91	18.94	19.2	5
20	256QAM	50	50	18.92	18.90	18.90		
20	256QAM	100	0	18.93	18.92	18.91		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.16	23.21	23.17		
15	QPSK	1	37	23.20	23.16	23.09	24.2	0
15	QPSK	1	74	22.98	22.84	23.03		
15	QPSK	36	0	22.19	22.21	22.16		
15	QPSK	36	20	22.20	22.22	22.10	23.2	1
15	QPSK	36	39	21.96	21.93	22.04		
15	QPSK	75	0	22.00	22.06	21.95		
15	16QAM	1	0	22.35	22.22	22.17		
15	16QAM	1	37	22.41	22.21	22.35	23.2	1
15	16QAM	1	74	22.25	21.97	22.02		
15	16QAM	36	0	21.10	21.01	21.12		
15	16QAM	36	20	21.12	21.12	21.02	22.2	2
15	16QAM	36	39	21.24	20.99	20.86		
15	16QAM	75	0	21.15	20.97	21.02		
15	64QAM	1	0	21.24	21.31	21.19		
15	64QAM	1	37	21.42	21.25	21.29	22.2	2
15	64QAM	1	74	21.25	21.21	21.68		
15	64QAM	36	0	20.19	19.99	20.00		
15	64QAM	36	20	20.14	20.04	20.12	21.2	3
15	64QAM	36	39	20.15	19.93	19.95		
15	64QAM	75	0	20.13	19.94	20.07		
15	256QAM	1	0	18.84	18.82	18.87		
15	256QAM	1	37	18.85	18.93	18.94	19.2	5
15	256QAM	1	74	18.89	18.86	18.90		
15	256QAM	36	0	18.76	18.88	18.91		
15	256QAM	36	20	18.98	18.92	18.91	19.2	5
15	256QAM	36	39	18.96	18.91	18.88		
15	256QAM	75	0	18.85	18.86	18.91		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.06	23.11	23.11		
10	QPSK	1	25	23.17	23.19	23.16	24.2	0
10	QPSK	1	49	23.02	22.85	22.90		
10	QPSK	25	0	22.20	22.23	22.04		
10	QPSK	25	12	22.25	22.21	22.18	23.2	1
10	QPSK	25	25	21.98	22.02	22.09		
10	QPSK	50	0	21.99	22.02	22.05		
10	16QAM	1	0	22.32	22.29	22.25		
10	16QAM	1	25	22.31	22.20	22.27	23.2	1
10	16QAM	1	49	22.15	22.12	22.08		
10	16QAM	25	0	21.20	21.16	21.13		
10	16QAM	25	12	21.18	21.00	21.02	22.2	2
10	16QAM	25	25	21.14	20.92	21.06		
10	16QAM	50	0	21.18	21.00	21.12		
10	64QAM	1	0	21.27	21.19	21.17		
10	64QAM	1	25	21.28	21.20	21.38	22.2	2
10	64QAM	1	49	21.16	21.19	21.57		
10	64QAM	25	0	20.10	19.95	20.08		
10	64QAM	25	12	20.13	19.97	20.00	21.2	3
10	64QAM	25	25	19.96	19.96	19.97		
10	64QAM	50	0	20.07	19.94	20.12		
10	256QAM	1	0	18.90	18.89	18.90		
10	256QAM	1	25	18.76	18.91	18.94	19.2	5
10	256QAM	1	49	18.86	18.84	18.78		
10	256QAM	25	0	18.77	18.87	18.90		
10	256QAM	25	12	18.98	18.87	18.88	19.2	5
10	256QAM	25	25	18.89	18.80	18.84		
10	256QAM	50	0	18.95	18.88	18.95		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.03	23.16	23.08		
5	QPSK	1	12	23.19	23.16	23.20	24.2	0
5	QPSK	1	24	23.11	22.95	22.94		
5	QPSK	12	0	22.19	22.17	22.13		
5	QPSK	12	7	22.24	22.24	22.14	23.2	1
5	QPSK	12	13	21.97	21.95	22.00		
5	QPSK	25	0	22.02	22.12	22.04		
5	16QAM	1	0	22.29	22.17	22.25		
5	16QAM	1	12	22.35	22.21	22.37	23.2	1
5	16QAM	1	24	22.13	22.03	22.04		
5	16QAM	12	0	21.11	21.02	21.12		
5	16QAM	12	7	21.17	21.02	21.06	22.2	2
5	16QAM	12	13	21.21	21.00	21.05		
5	16QAM	25	0	21.13	21.01	21.10		
5	64QAM	1	0	21.23	21.26	21.22		
5	64QAM	1	12	21.30	21.23	21.39	22.2	2
5	64QAM	1	24	21.15	21.18	21.62		
5	64QAM	12	0	20.16	20.00	20.05		
5	64QAM	12	7	20.14	19.93	20.07	21.2	3
5	64QAM	12	13	20.17	19.90	19.91		
5	64QAM	25	0	20.16	20.02	20.03		
5	256QAM	1	0	18.88	18.78	18.79		
5	256QAM	1	12	18.86	18.94	18.88	19.2	5
5	256QAM	1	24	18.82	18.81	18.82		
5	256QAM	12	0	18.85	18.89	18.91		
5	256QAM	12	7	19.00	18.85	18.85	19.2	5
5	256QAM	12	13	18.85	18.87	18.93		
5	256QAM	25	0	18.92	18.87	18.95		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.15	23.14	23.19		
3	QPSK	1	8	23.11	23.17	23.17	24.2	0
3	QPSK	1	14	23.06	22.98	23.00		
3	QPSK	8	0	22.11	22.17	22.16		
3	QPSK	8	4	22.13	22.30	22.14	23.2	1
3	QPSK	8	7	22.00	21.97	22.01		
3	QPSK	15	0	22.02	22.09	22.04		
3	16QAM	1	0	22.27	22.20	22.17		
3	16QAM	1	8	22.39	22.29	22.29	23.2	1
3	16QAM	1	14	22.25	22.03	22.13		
3	16QAM	8	0	21.13	21.02	21.11		
3	16QAM	8	4	21.19	21.12	21.13	22.2	2
3	16QAM	8	7	21.26	20.91	21.05		
3	16QAM	15	0	21.22	20.97	20.99		
3	64QAM	1	0	21.23	21.23	21.23		
3	64QAM	1	8	21.32	21.32	21.32	22.2	2
3	64QAM	1	14	21.25	21.22	21.68		
3	64QAM	8	0	20.17	20.01	20.09		
3	64QAM	8	4	20.11	20.07	20.08	21.2	3
3	64QAM	8	7	20.11	19.99	20.05		
3	64QAM	15	0	20.18	20.00	20.05		
3	256QAM	1	0	18.89	18.84	18.82		
3	256QAM	1	8	18.77	19.01	19.00	19.2	5
3	256QAM	1	14	18.91	18.83	18.87		
3	256QAM	8	0	18.86	18.84	18.90		
3	256QAM	8	4	18.87	18.95	18.86	19.2	5
3	256QAM	8	7	18.82	18.94	18.95		
3	256QAM	15	0	18.92	18.84	18.94		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.12	23.13	23.11		
1.4	QPSK	1	3	23.16	23.17	23.11		
1.4	QPSK	1	5	23.01	22.88	22.94	24.2	0
1.4	QPSK	3	0	23.06	23.11	23.18		
1.4	QPSK	3	1	23.05	23.11	23.09		
1.4	QPSK	3	3	23.04	22.95	22.94		
1.4	QPSK	6	0	22.06	22.12	22.12	23.2	1
1.4	16QAM	1	0	22.17	22.34	22.13		
1.4	16QAM	1	3	22.10	22.22	22.09		
1.4	16QAM	1	5	22.07	22.28	22.08	23.2	1
1.4	16QAM	3	0	22.03	22.19	22.06		
1.4	16QAM	3	1	22.08	22.20	22.18		
1.4	16QAM	3	3	22.03	22.24	22.08		
1.4	16QAM	6	0	21.23	21.19	21.19	22.2	2
1.4	64QAM	1	0	21.27	21.31	21.18		
1.4	64QAM	1	3	21.25	21.27	21.11		
1.4	64QAM	1	5	21.24	21.22	21.17	22.2	2
1.4	64QAM	3	0	21.15	21.26	21.19		
1.4	64QAM	3	1	21.20	21.20	21.14		
1.4	64QAM	3	3	21.26	21.18	21.12		
1.4	64QAM	6	0	20.18	19.91	19.99	21.2	3
1.4	256QAM	1	0	18.85	18.78	18.84		
1.4	256QAM	1	3	18.67	19.05	18.94		
1.4	256QAM	1	5	18.84	18.91	18.84	19.2	5
1.4	256QAM	3	0	18.91	18.80	18.90		
1.4	256QAM	3	1	18.78	18.85	18.80		
1.4	256QAM	3	3	18.87	18.94	18.87		
1.4	256QAM	6	0	18.96	18.80	18.89	19.2	5

Band 4 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.94	21.00	20.91		
20	QPSK	1	49	21.02	21.06	20.97	21.5	0
20	QPSK	1	99	20.78	20.76	20.81		
20	QPSK	50	0	19.88	19.96	19.92		
20	QPSK	50	24	19.98	20.02	19.97	20.5	1
20	QPSK	50	50	19.95	19.85	19.90		
20	QPSK	100	0	19.85	19.91	19.90		
20	16QAM	1	0	20.10	20.13	20.08		
20	16QAM	1	49	20.23	20.15	20.20	20.5	1
20	16QAM	1	99

Band 4 Main PA_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	23.77	23.72	23.75		
20	QPSK	1	49	23.80	23.82	23.80	24.2	0
20	QPSK	1	99	23.63	23.61	23.69		
20	QPSK	50	0	22.76	22.90	22.67		
20	QPSK	50	24	22.80	22.77	22.77	23.2	1
20	QPSK	50	50	22.72	22.80	22.71		
20	QPSK	100	0	22.67	22.83	22.75		
20	16QAM	1	0	22.93	23.00	22.94		
20	16QAM	1	49	23.06	23.02	23.04	23.2	1
20	16QAM	1	99	22.81	22.84	22.84		
20	16QAM	50	0	21.64	21.87	21.74		
20	16QAM	50	24	21.81	21.79	21.82	22.2	2
20	16QAM	50	50	21.69	21.77	21.83		
20	16QAM	100	0	21.68	21.80	21.76		
20	64QAM	1	0	21.80	21.94	21.94		
20	64QAM	1	49	21.92	22.03	22.01	22.2	2
20	64QAM	1	99	21.86	21.86	21.86		
20	64QAM	50	0	20.61	20.83	20.70		
20	64QAM	50	24	20.78	20.74	20.78	21.2	3
20	64QAM	50	50	20.66	20.72	20.78		
20	64QAM	100	0	20.63	20.77	20.74		
20	256QAM	1	0	18.83	18.83	18.90		
20	256QAM	1	49	18.89	19.00	18.98	19.2	5
20	256QAM	1	99	18.98	18.93	18.88		
20	256QAM	50	0	21.86	18.95	18.96		
20	256QAM	50	24	19.07	18.90	18.95	19.2	5
20	256QAM	50	50	18.99	18.86	18.90		
20	256QAM	100	0	18.99	18.96	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.78	23.71	23.65		
15	QPSK	1	37	23.81	23.74	23.67	24.2	0
15	QPSK	1	74	23.56	23.64	23.67		
15	QPSK	36	0	22.79	22.95	22.70		
15	QPSK	36	20	22.86	22.84	22.76	23.2	1
15	QPSK	36	39	22.66	22.77	22.66		
15	QPSK	75	0	22.62	22.75	22.79		
15	16QAM	1	0	22.82	23.00	22.87		
15	16QAM	1	37	23.09	23.02	23.00	23.2	1
15	16QAM	1	74	22.81	22.82	22.74		
15	16QAM	36	0	21.55	21.86	21.72		
15	16QAM	36	20	21.75	21.69	21.84	22.2	2
15	16QAM	36	39	21.69	21.75	21.78		
15	16QAM	75	0	21.73	21.81	21.70		
15	64QAM	1	0	21.81	21.94	21.86		
15	64QAM	1	37	21.89	22.04	21.97	22.2	2
15	64QAM	1	74	21.86	21.78	21.78		
15	64QAM	36	0	20.65	20.81	20.62		
15	64QAM	36	20	20.73	20.73	20.80	21.2	3
15	64QAM	36	39	20.56	20.62	20.70		
15	64QAM	75	0	20.68	20.67	20.65		
15	256QAM	1	0	18.83	18.83	18.81		
15	256QAM	1	37	18.90	19.01	18.98	19.2	5
15	256QAM	1	74	18.91	18.95	18.80		
15	256QAM	36	0	18.78	18.91	18.91		
15	256QAM	36	20	18.99	18.85	18.92	19.2	5
15	256QAM	36	39	19.02	18.76	18.80		
15	256QAM	75	0	18.95	18.88	18.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.76	23.76	23.77		
10	QPSK	1	25	23.81	23.72	23.70	24.2	0
10	QPSK	1	49	23.58	23.57	23.72		
10	QPSK	25	0	22.82	22.85	22.65		
10	QPSK	25	12	22.85	22.90	22.76	23.2	1
10	QPSK	25	25	22.63	22.78	22.69		
10	QPSK	50	0	22.70	22.74	22.74		
10	16QAM	1	0	22.92	22.91	22.95		
10	16QAM	1	25	23.04	22.98	23.09	23.2	1
10	16QAM	1	49	22.86	22.82	22.75		
10	16QAM	25	0	21.59	21.80	21.68		
10	16QAM	25	12	21.80	21.83	21.80	22.2	2
10	16QAM	25	25	21.60	21.73	21.85		
10	16QAM	50	0	21.60	21.83	21.66		
10	64QAM	1	0	21.79	21.85	21.91		
10	64QAM	1	25	21.82	22.01	21.96	22.2	2
10	64QAM	1	49	21.58	21.77	21.81		
10	64QAM	25	0	20.59	20.75	20.67		
10	64QAM	25	12	20.68	20.65	20.79	21.2	3
10	64QAM	25	25	20.66	20.67	20.79		
10	64QAM	50	0	20.54	20.73	20.75		
10	256QAM	1	0	18.73	18.85	18.80		
10	256QAM	1	25	18.94	18.95	18.96	19.2	5
10	256QAM	1	49	18.91	18.83	18.82		
10	256QAM	25	0	18.78	18.88	18.88		
10	256QAM	25	12	19.12	18.93	18.98	19.2	5
10	256QAM	25	25	18.93	18.84	18.85		
10	256QAM	50	0	19.01	18.89	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.70	23.69	23.74		
5	QPSK	1	12	23.79	23.80	23.72	24.2	0
5	QPSK	1	24	23.67	23.63	23.74		
5	QPSK	12	0	22.82	22.87	22.71		
5	QPSK	12	7	22.81	22.95	22.81	23.2	1
5	QPSK	12	13	22.65	22.76	22.64		
5	QPSK	25	0	22.63	22.85	22.73		
5	16QAM	1	0	22.80	22.93	22.93		
5	16QAM	1	12	23.04	23.01	23.03	23.2	1
5	16QAM	1	24	22.71	22.81	22.79		
5	16QAM	12	0	21.59	21.86	21.77		
5	16QAM	12	7	21.79	21.74	21.75	22.2	2
5	16QAM	12	13	21.66	21.75	21.85		
5	16QAM	25	0	21.66	21.70	21.66		
5	64QAM	1	0	21.72	21.99	21.84		
5	64QAM	1	12	21.96	21.96	21.99	22.2	2
5	64QAM	1	24	21.57	21.79	21.87		
5	64QAM	12	0	20.62	20.86	20.63		
5	64QAM	12	7	20.73	20.77	20.72	21.2	3
5	64QAM	12	13	20.62	20.76	20.75		
5	64QAM	25	0	20.67	20.73	20.69		
5	256QAM	1	0	18.77	18.85	18.91		
5	256QAM	1	12	18.94	18.90	18.91	19.2	5
5	256QAM	1	24	21.58	18.85	18.90		
5	256QAM	12	0	18.87	18.87	18.87		
5	256QAM	12	7	19.08	18.87	18.93	19.2	5
5	256QAM	12	13	18.95	18.82	18.87		
5	256QAM	25	0	18.97	18.83	18.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.79	23.63	23.65		
3	QPSK	1	8	23.72	23.80	23.79	24.2	0
3	QPSK	1	14	23.53	23.56	23.74		
3	QPSK	8	0	22.72	22.82	22.64		
3	QPSK	8	4	22.87	22.92	22.68	23.2	1
3	QPSK	8	7	22.63	22.71	22.76		
3	QPSK	15	0	22.72	22.81	22.71		
3	16QAM	1	0	22.98	22.99	22.97		
3	16QAM	1	8	23.01	22.95	23.00	23.2	1
3	16QAM	1	14	22.77	22.75	22.88		
3	16QAM	8	0	21.57	21.80	21.65		
3	16QAM	8	4	21.82	21.76	21.76	22.2	2
3	16QAM	8	7	21.60	21.72	21.87		
3	16QAM	15	0	21.62	21.80	21.78		
3	64QAM	1	0	21.77	21.95	21.86		
3	64QAM	1	8	21.95	21.98	21.94	22.2	2
3	64QAM	1	14	21.59	21.81	21.79		
3	64QAM	8	0	20.54	20.87	20.63		
3	64QAM	8	4	20.83	20.68	20.79	21.2	3
3	64QAM	8	7	20.58	20.67	20.76		
3	64QAM	15	0	20.56	20.71	20.72		
3	256QAM	1	0	18.78	18.84	18.81		
3	256QAM	1	8	18.87	18.91	18.95	19.2	5
3	256QAM	1	14	18.95	18.87	18.93		
3	256QAM	8	0	18.79	18.86	18.91		
3	256QAM	8	4	19.12	18.94	18.89	19.2	5
3	256QAM	8	7	19.02	18.91	18.92		
3	256QAM	15	0	19.01	18.87	18.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.77	23.69	23.66		
1.4	QPSK	1	3	23.77	23.76	23.70		
1.4	QPSK	1	5	23.59	23.52	23.61	24.2	0
1.4	QPSK	3	0	23.79	23.70	23.65		
1.4	QPSK	3	1	23.74	23.70	23.77		
1.4	QPSK	3	3	23.69	23.62	23.73		
1.4	QPSK	6	0	22.71	22.80	22.71	23.2	1
1.4	16QAM	1	0	22.72	22.94	22.62		
1.4	16QAM	1	3	22.79	22.91	22.59		
1.4	16QAM	1	5	22.81	22.84	22.59	23.2	1
1.4	16QAM	3	0	22.80	22.85	22.69		
1.4	16QAM	3	1	22.70	22.89	22.62		
1.4	16QAM	3	3	22.67	22.86	22.64		
1.4	16QAM	6	0	21.60	21.80	21.77	22.2	2
1.4	64QAM	1	0	21.59	21.78	21.77		
1.4	64QAM	1	3	21.63	21.80	21.70		
1.4	64QAM	1	5	21.69	21.82	21.68	22.2	2
1.4	64QAM	3	0	21.56	21.91	21.65		
1.4	64QAM	3	1	21.58	21.78	21.72		
1.4	64QAM	3	3	21.54	21.87	21.76		
1.4	64QAM	6	0	20.55	20.74	20.63	21.2	3
1.4	256QAM	1	0	18.88	18.82	18.92		
1.4	256QAM	1	3	18.90	18.93	18.97		
1.4	256QAM	1	5	18.96	18.95	18.89	19.2	5
1.4	256QAM	3	0	18.84	18.80	18.95		
1.4	256QAM	3	1	19.04	18.94	18.92		
1.4	256QAM	3	3	19.00	18.79	18.95		
1.4	256QAM	6	0	18.99	18.82	18.81	19.2	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.88	22.85	22.80		
20	QPSK	1	49	22.92	22.95	22.84	24.2	0
20	QPSK	1	99	22.67	22.63	22.72		
20	QPSK	50	0	21.84	21.83	21.81		
20	QPSK	50	24	21.90	21.93	21.91	23.2	1
20	QPSK	50	50	21.85	21.73	21.84		
20	QPSK	100	0	21.79	21.82	21.80		
20	16QAM	1	0	22.06	22.06	22.01		
20	16QAM	1	49	22.16	22.07	22.13	23.2	1
20	16QAM	1	99	21.88	21.89	21.96		
20	16QAM	50	0	20.69	20.87	20.90		
20	16QAM	50	24	20.85	20.84	20.85		
20	16QAM	50	50	20.74	20.73	20.88	22.2	2
20	16QAM	100	0	20.74	20.75	20.85		
20	64QAM	1	0	20.89	20.89	20.84		
20	64QAM	1	49	21.01	20.88	20.94	22.2	2
20	64QAM	1	99	20.78	20.71	20.81		
20	64QAM	50	0	19.67	19.84	19.89		
20	64QAM	50	24	19.85	19.80	19.85	21.2	3
20	64QAM	50	50	19.85	19.69	19.87		
20	64QAM	100	0	19.74	19.72	19.84		
20	256QAM	1	0	18.05	18.04	18.14		
20	256QAM	1	49	18.09	18.10	18.13	19.2	5
20	256QAM	1	99	18.11	17.99	18.11		
20	256QAM	50	0	18.05	18.07	18.01		
20	256QAM	50	24	18.01	18.03	18.02	19.2	5
20	256QAM	50	50	17.99	18.00	18.01		
20	256QAM	100	0	18.12	18.11	17.99		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.93	22.86	22.70		
15	QPSK	1	37	22.91	22.91	22.80	24.2	0
15	QPSK	1	74	22.62	22.58	22.62		
15	QPSK	36	0	21.87	21.84	21.81		
15	QPSK	36	20	21.81	21.95	21.94	23.2	1
15	QPSK	36	39	21.79	21.70	21.80		
15	QPSK	75	0	21.76	21.75	21.78		
15	16QAM	1	0	22.06	22.11	21.92		
15	16QAM	1	37	22.09	22.08	22.10	23.2	1
15	16QAM	1	74	21.92	21.87	21.94		
15	16QAM	36	0	20.68	20.77	20.84		
15	16QAM	36	20	20.87	20.79	20.84	22.2	2
15	16QAM	36	39	20.90	20.76	20.90		
15	16QAM	75	0	20.69	20.76	20.86		
15	64QAM	1	0	20.88	20.82	20.84		
15	64QAM	1	37	21.04	20.86	20.86	22.2	2
15	64QAM	1	74	20.76	20.75	20.76		
15	64QAM	36	0	19.60	19.74	19.85		
15	64QAM	36	20	19.81	19.82	19.90	21.2	3
15	64QAM	36	39	19.86	19.62	19.79		
15	64QAM	75	0	19.77	19.65	19.84		
15	256QAM	1	0	18.07	18.04	18.12		
15	256QAM	1	37	18.12	18.00	18.03	19.2	5
15	256QAM	1	74	18.15	18.02	18.09		
15	256QAM	36	0	18.07	18.09	18.05		
15	256QAM	36	20	18.04	17.93	18.00	19.2	5
15	256QAM	36	39	17.89	18.04	17.98		
15	256QAM	75	0	18.15	18.14	17.99		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.81	22.86	22.71		
10	QPSK	1	25	22.94	22.91	22.86	24.2	0
10	QPSK	1	49	22.66	22.62	22.65		
10	QPSK	25	0	21.86	21.86	21.76		
10	QPSK	25	12	21.81	21.90	21.93	23.2	1
10	QPSK	25	25	21.84	21.73	21.83		
10	QPSK	50	0	21.81	21.77	21.78		
10	16QAM	1	0	22.07	22.01	22.02		
10	16QAM	1	25	22.17	22.09	22.12	23.2	1
10	16QAM	1	49	21.83	21.83	21.91		
10	16QAM	25	0	20.70	20.83	20.91		
10	16QAM	25	12	20.85	20.78	20.94	22.2	2
10	16QAM	25	25	20.89	20.74	20.88		
10	16QAM	50	0	20.67	20.79	20.83		
10	64QAM	1	0	20.93	20.80	20.87		
10	64QAM	1	25	20.95	20.92	20.90	22.2	2
10	64QAM	1	49	20.78	20.62	20.83		
10	64QAM	25	0	19.67	19.75	19.81		
10	64QAM	25	12	19.79	19.77	19.90	21.2	3
10	64QAM	25	25	19.86	19.59	19.87		
10	64QAM	50	0	19.67	19.68	19.85		
10	256QAM	1	0	18.09	17.97	18.18		
10	256QAM	1	25	18.04	18.00	18.05	19.2	5
10	256QAM	1	49	18.12	18.02	18.12		
10	256QAM	25	0	18.05	18.06	17.94		
10	256QAM	25	12	17.92	17.98	17.98	19.2	5
10	256QAM	25	25	17.91	17.99	18.04		
10	256QAM	50	0	18.03	17.95	17.95		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.80	22.87	22.75		
5	QPSK	1	12	22.93	22.90	22.84	24.2	0
5	QPSK	1	24	22.69	22.58	22.72		
5	QPSK	12	0	21.79	21.77	21.80		
5	QPSK	12	7	21.88	21.88	21.96	23.2	1
5	QPSK	12	13	21.76	21.78	21.88		
5	QPSK	25	0	21.70	21.84	21.84		
5	16QAM	1	0	22.11	22.11	21.97		
5	16QAM	1	12	22.06	22.03	22.17	23.2	1
5	16QAM	1	24	21.85	21.90	21.87		
5	16QAM	12	0	20.62	20.86	20.94		
5	16QAM	12	7	20.83	20.87	20.90	22.2	2
5	16QAM	12	13	20.88	20.77	20.92		
5	16QAM	25	0	20.71	20.71	20.84		
5	64QAM	1	0	20.93	20.94	20.87		
5	64QAM	1	12	20.99	20.91	20.99	22.2	2
5	64QAM	1	24	20.71	20.67	20.83		
5	64QAM	12	0	19.64	19.77	19.83		
5	64QAM	12	7	19.86	19.79	19.89	21.2	3
5	64QAM	12	13	19.78	19.62	19.91		
5	64QAM	25	0	19.79	19.70	19.87		
5	256QAM	1	0	18.09	18.07	18.15		
5	256QAM	1	12	18.05	18.01	18.03	19.2	5
5	256QAM	1	24	18.02	17.98	18.07		
5	256QAM	12	0	17.97	18.01	18.00		
5	256QAM	12	7	18.02	17.97	17.97	19.2	5
5	256QAM	12	13	17.95	17.97	17.99		
5	256QAM	25	0	17.97	18.03	17.91		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.84	22.84	22.78		
3	QPSK	1	8	22.89	22.90	22.79	24.2	0
3	QPSK	1	14	22.59	22.62	22.77		
3	QPSK	8	0	21.74	21.80	21.84		
3	QPSK	8	4	21.85	21.96	21.90	23.2	1
3	QPSK	8	7	21.88	21.85	21.75		
3	QPSK	15	0	21.73	21.82	21.83		
3	16QAM	1	0	21.99	21.99	22.04		
3	16QAM	1	8	22.21	22.10	22.04	23.2	1
3	16QAM	1	14	21.88	21.92	21.95		
3	16QAM	8	0	20.70	20.81	20.88		
3	16QAM	8	4	20.83	20.89	20.79	22.2	2
3	16QAM	8	7	20.76	20.73	20.83		
3	16QAM	15	0	20.67	20.75	20.84		
3	64QAM	1	0	20.80	20.89	20.83		
3	64QAM	1	8	20.96	20.94	20.95	22.2	2
3	64QAM	1	14	20.78	20.72	20.79		
3	64QAM	8	0	19.61	19.81	19.80		
3	64QAM	8	4	19.86	19.70	19.75	21.2	3
3	64QAM	8	7	19.82	19.66	19.87		
3	64QAM	15	0	19.73	19.66	19.88		
3	256QAM	1	0	18.07	18.06	18.13		
3	256QAM	1	8	18.04	18.11	18.09	19.2	5
3	256QAM	1	14	18.06	18.06	18.08		
3	256QAM	8	0	17.96	18.07	18.02		
3	256QAM	8	4	18.01	17.95	17.94	19.2	5
3	256QAM	8	7	17.98	17.93	17.97		
3	256QAM	15	0	18.16	18.13	17.93		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.89	22.86	22.84		
1.4	QPSK	1	3	22.87	22.94	22.77		
1.4	QPSK	1	5	22.68	22.59	22.74	24.2	0
1.4	QPSK	3	0	22.91	22.78	22.75		
1.4	QPSK	3	1	22.85	22.85	22.78		
1.4	QPSK	3	3	22.85	22.90	22.77		
1.4	QPSK	6	0	21.71	21.74	21.70	23.2	1
1.4	16QAM	1	0	22.06	22.09	22.01		
1.4	16QAM	1	3	22.10	22.03	22.08		
1.4	16QAM	1	5	21.80	21.88	21.81	23.2	1
1.4	16QAM	3	0	21.88	21.80	21.80		
1.4	16QAM	3	1	21.75	21.83	21.86		
1.4	16QAM	3	3	21.86	21.78	21.75		
1.4	16QAM	6	0	20.65	20.68	20.75	22.2	2
1.4	64QAM	1	0	20.81	20.92	20.81		
1.4	64QAM	1	3	21.02	20.78	20.92		
1.4	64QAM	1	5	20.68	20.66	20.82	22.2	2
1.4	64QAM	3	0	20.64	20.78	20.89		
1.4	64QAM	3	1	20.69	20.89	20.83		
1.4	64QAM	3	3	20.70	20.86	20.88		
1.4	64QAM	6	0	20.69	20.90	20.85	21.2	3
1.4	256QAM	1	0	17.95	17.97	18.18		
1.4	256QAM	1	3	18.04	18.00	18.06		
1.4	256QAM	1	5	18.13	17.94	18.08	19.2	5
1.4	256QAM	3	0	17.97	17.99	17.97		
1.4	256QAM	3	1	17.94	18.05	17.99		
1.4	256QAM	3	3	18.01	18.00	17.93		
1.4	256QAM	6	0	18.05	18.02	18.03	19.2	5

Band 5 Main PA_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	24.54	24.49	24.45		
10	QPSK	1	25	24.59	24.61	24.50	25.5	0
10	QPSK	1	49	24.52	24.44	24.41		
10	QPSK	25	0	23.52	23.61	23.46		
10	QPSK	25	12	23.58	23.63	23.47	24.5	1
10	QPSK	25	25	23.58	23.44	23.37		
10	QPSK	50	0	23.49	23.57	23.41		
10	16QAM	1	0	23.82	23.99	23.92		
10	16QAM	1	25	23.87	23.95	23.92	24.5	1

Band 7 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33		
20	QPSK	1	49	20.65	20.77	20.58	21.5	0
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.99	19.67	19.60		
20	QPSK	50	24	19.87	19.69	19.55	20.5	1
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48		
20	16QAM	1	49	19.92	19.83	19.70	20.5	1
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57		
20	16QAM	50	24	18.64	18.61	18.55	19.5	2
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48		
20	64QAM	1	49	18.88	18.81	18.69	19.5	2
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.53	17.63	17.56		
20	64QAM	50	24	17.66	17.61	17.50	18.5	3
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37		
20	256QAM	1	49	15.40	15.27	15.31	16.5	5
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26		
20	256QAM	50	24	15.28	15.25	15.27	16.5	5
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27		
15	QPSK	1	37	20.68	20.68	20.58	21.5	0
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62		
15	QPSK	36	20	19.71	19.63	19.57	20.5	1
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53		
15	16QAM	1	37	19.90	19.77	19.74	20.5	1
15	16QAM	1	74	19.63	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53		
15	16QAM	36	20	18.57	18.60	18.47	19.5	2
15	16QAM	36	39	18.67	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48		
15	64QAM	1	37	18.86	18.73	18.68	19.5	2
15	64QAM	1	74	18.65	18.64	18.49		
15	64QAM	36	0	17.56	17.61	17.61		
15	64QAM	36	20	17.70	17.54	17.48	18.5	3
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36		
15	256QAM	1	37	15.30	15.26	15.34	16.5	5
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17		
15	256QAM	36	20	15.28	15.18	15.25	16.5	5
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38		
10	QPSK	1	25	20.68	20.74	20.51	21.5	0
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58		
10	QPSK	25	12	19.57	19.70	19.61	20.5	1
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43		
10	16QAM	1	25	19.83	19.74	19.60	20.5	1
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48		
10	16QAM	25	12	18.62	18.61	18.55	19.5	2
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53		
10	64QAM	1	0	18.63	18.52	18.50		
10	64QAM	1	25	18.78	18.83	18.72	19.5	2
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46		
10	64QAM	25	12	17.66	17.54	17.53	18.5	3
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29		
10	256QAM	1	25	15.44	15.17	15.34	16.5	5
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28		
10	256QAM	25	12	15.33	15.17	15.32	16.5	5
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.40	15.31		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34		
5	QPSK	1	12	20.56	20.71	20.61	21.5	0
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52		
5	QPSK	12	7	19.61	19.65	19.56	20.5	1
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48		
5	16QAM	1	12	19.90	19.78	19.75	20.5	1
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62		
5	16QAM	12	7	18.67	18.62	18.54	19.5	2
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46		
5	64QAM	1	12	18.88	18.73	18.68	19.5	2
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49		
5	64QAM	12	7	17.63	17.53	17.45	18.5	3
5	64QAM	12	13	17.56	17.50	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27		
5	256QAM	1	12	15.32	15.31	15.28	16.5	5
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18		
5	256QAM	12	7	15.29	15.27	15.25	16.5	5
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.76	23.65	23.68		
20	QPSK	1	49	23.94	24.03	23.93	24.5	0
20	QPSK	1	99	23.65	23.79	23.91		
20	QPSK	50	0	23.75	23.88	23.84		
20	QPSK	50	24	23.88	23.89	23.96	24.5	0
20	QPSK	50	50	23.86	23.81	23.84		
20	QPSK	100	0	23.76	23.92	23.88		
20	16QAM	1	0	24.00	23.99	23.97		
20	16QAM	1	49	24.00	24.01	24.01	24.5	0
20	16QAM	1	99	23.77	23.92	23.85		
20	16QAM	50	0	22.70	22.77	22.87		
20	16QAM	50	24	22.77	22.76	22.80	23.5	1
20	16QAM	50	50	22.74	22.76	22.86		
20	16QAM	100	0	22.72	22.82	22.79		
20	64QAM	1	0	22.83	22.85	22.90		
20	64QAM	1	49	23.08	23.14	23.02	23.5	1
20	64QAM	1	99	22.91	23.00	22.98		
20	64QAM	50	0	21.73	21.89	21.90		
20	64QAM	50	24	21.94	21.85	21.96	22.5	2
20	64QAM	50	50	21.79	21.86	21.92		
20	64QAM	100	0	21.86	21.97	21.93		
20	256QAM	1	0	19.53	19.43	19.43		
20	256QAM	1	49	19.68	19.74	19.68	20.5	4
20	256QAM	1	99	19.36	19.57	19.63		
20	256QAM	50	0	19.46	19.66	19.60		
20	256QAM	50	24	19.67	19.64	19.61	20.5	4
20	256QAM	50	50	19.61	19.57	19.55		
20	256QAM	100	0	19.49	19.70	19.61		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.72	23.60	23.67		
15	QPSK	1	37	23.88	23.99	23.82	24.5	0
15	QPSK	1	74	23.56	23.73	23.89		
15	QPSK	36	0	23.71	23.81	23.74		
15	QPSK	36	20	23.84	23.79	23.82	24.5	0
15	QPSK	36	39	23.74	23.72	23.81		
15	QPSK	75	0	23.72	23.87	23.81		
15	16QAM	1	0	23.97	23.96	23.89		
15	16QAM	1	37	23.94	23.98	23.99	24.5	0
15	16QAM	1	74	23.69	23.86	23.78		
15	16QAM	36	0	22.65	22.70	22.81		
15	16QAM	36	20	22.66	22.75	22.76	23.5	1
15	16QAM	36	39	22.65	22.72	22.81		
15	16QAM	75	0	22.65	22.76	22.77		
15	64QAM	1	0	22.80	22.79	22.86		
15	64QAM	1	37	23.07	23.13	23.03	23.5	1
15	64QAM	1	74	22.85	22.98	22.93		
15	64QAM	36	0	21.71	21.84	21.85		
15	64QAM	36	20	21.95	21.82	21.95	22.5	2
15	64QAM	36	39	21.76	21.76	21.89		
15	64QAM	75	0	21.81	21.90	21.81		
15	256QAM	1	0	19.42	19.32	19.35		
15	256QAM	1	37	19.66	19.73	19.61	20.5	4
15	256QAM	1	74	19.26	19.51	19.61		
15	256QAM	36	0	19.40	19.60	19.53		
15	256QAM	36	20	19.65	19.58	19.56	20.5	4
15	256QAM	36	39	19.58	19.54	19.52		
15	256QAM	75	0	19.50	19.66	19.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.71	23.63	23.57		
10	QPSK	1	25	23.89	24.00	23.88	24.5	0
10	QPSK	1	49	23.61	23.74	23.88		
10	QPSK	25	0	23.70	23.78	23.76		
10	QPSK	25	12	23.83	23.83	23.80	24.5	0
10	QPSK	25	25	23.77	23.75	23.80		
10	QPSK	50	0	23.71	23.90	23.83		
10	16QAM	1	0	24.01	23.89	23.93		
10	16QAM	1	25	23.96	24.00	23.95	24.5	0
10	16QAM	1	49	23.67	23.85	23.79		
10	16QAM	25	0	22.62	22.75	22.78		
10	16QAM	25	12	22.69	22.70	22.77	23.5	1
10	16QAM	25	25	22.72	22.70	22.82		
10	16QAM	50	0	22.61	22.82	22.69		
10	64QAM	1	0	22.77	22.79	22.80		
10	64QAM	1	25	23.01	23.12	22.93	23.5	1
10	64QAM	1	49	22.83	22.94	22.93		
10	64QAM	25	0	21.63	21.89	21.82		
10	64QAM	25	12	21.93	21.80	21.89	22.5	2
10	64QAM	25	25	21.80	21.82	21.83		
10	64QAM	50	0	21.85	21.86	21.86		
10	256QAM	1	0	19.43	19.42	19.33		
10	256QAM	1	25	19.63	19.68	19.60	20.5	4
10	256QAM	1	49	19.28	19.55	19.54		
10	256QAM	25	0	19.41	19.63	19.57		
10	256QAM	25	12	19.58	19.60	19.61	20.5	4
10	256QAM	25	25	19.53	19.51	19.43		
10	256QAM	50	0	19.38	19.63	19.57		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.73	23.57	23.63		
5	QPSK	1	12	23.93	23.99	23.94	24.5	0
5	QPSK	1	24	23.59	23.70	23.89		
5	QPSK	12	0	23.71	23.81	23.80		
5	QPSK	12	7	23.87	23.83	23.79	24.5	0
5	QPSK	12	13	23.82	23.73	23.79		
5	QPSK	25	0	23.75	23.90	23.79		
5	16QAM	1	0	23.90	23.92	23.96		
5	16QAM	1	12	23.96	23.94	23.94	24.5	0
5	16QAM	1	24	23.70	23.87	23.81		
5	16QAM	12	0	22.60	22.74	22.76		
5	16QAM	12	7	22.71	22.66	22.75	23.5	1
5	16QAM	12	13	22.67	22.68	22.80		
5	16QAM	25	0	22.67	22.76	22.69		
5	64QAM	1	0	22.82	22.78	22.81		
5	64QAM	1	12	22.98	23.07	23.01	23.5	1
5	64QAM	1	24	22.86	22.91	22.92		
5	64QAM	12	0	21.66	21.82	21.87		
5	64QAM	12	7	21.91	21.79	21.91	22.5	2
5	64QAM	12	13	21.80	21.80	21.83		
5	64QAM	25	0	21.78	21.88	21.88		
5	256QAM	1	0	19.49	19.42	19.37		
5	256QAM	1	12	19.63	19.64	19.58	20.5	4
5	256QAM	1	24	19.33	19.48	19.60		
5	256QAM	12	0	19.46	19.59	19.56		
5	256QAM	12	7	19.61	19.58	19.54	20.5	4
5	256QAM	12	13	19.59	19.51	19.55		
5	256QAM	25	0	19.46	19.62	19.56		

Band 7 Main PA_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	23.37	23.31	23.32		
20	QPSK	1	49	23.52	23.58	23.57	24	0
20	QPSK	1	99	23.35	23.41	23.52		
20	QPSK	50	0	22.45	22.56	22.51		
20	QPSK	50	24	22.52	22.59	22.56	23	1
20	QPSK	50	50	22.51	22.49	22.50		
20	QPSK	100	0	22.48	22.57	22.50		
20	16QAM	1	0	22.51	22.51	22.48		
20	16QAM	1	49	22.76	22.72	22.72	23	1
20	16QAM	1	99	22.53	22.61	22.60		
20	16QAM	50	0	21.42	21.54	21.55		
20	16QAM	50	24	21.52	21.55	21.51	22	2
20	16QAM	50	50	21.50	21.48	21.52		
20	16QAM	100	0	21.43	21.52	21.51		
20	64QAM	1	0	21.51	21.47	21.48		
20	64QAM	1	49	21.63	21.71	21.63	22	2
20	64QAM	1	99	21.50	21.59	21.64		
20	64QAM	50	0	20.38	20.52	20.54		
20	64QAM	50	24	20.48	20.44	20.49	21	3
20	64QAM	50	50	20.49	20.46	20.47		
20	64QAM	100	0	20.42	20.52	20.49		
20	256QAM	1	0	18.32	18.36	18.38		
20	256QAM	1	49	18.23	18.25	18.21	19	5
20	256QAM	1	99	18.17	18.21	18.24		
20	256QAM	50	0	18.36	18.33	18.30		
20	256QAM	50	24	18.35	18.32	18.27	19	5
20	256QAM	50	50	18.27	18.24	18.20		
20	256QAM	100	0	18.28	18.33	18.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.36	23.33	23.22		
15	QPSK	1	37	23.51	23.52	23.45	24	0
15	QPSK	1	74	23.26	23.37	23.47		
15	QPSK	36	0	22.50	22.57	22.50		
15	QPSK	36	20	22.42	22.51	22.47	23	1
15	QPSK	36	39	22.46	22.49	22.43		
15	QPSK	75	0	22.49	22.48	22.52		
15	16QAM	1	0	22.42	22.45	22.53		
15	16QAM	1	37	22.77	22.76	22.67	23	1
15	16QAM	1	74	22.56	22.53	22.54		
15	16QAM	36	0	21.42	21.52	21.46		
15	16QAM	36	20	21.48	21.59	21.50	22	2
15	16QAM	36	39	21.40	21.44	21.46		
15	16QAM	75	0	21.34	21.51	21.56		
15	64QAM	1	0	21.51	21.46	21.41		
15	64QAM	1	37	21.64	21.68	21.56	22	2
15	64QAM	1	74	21.41	21.52	21.54		
15	64QAM	36	0	20.41	20.43	20.44		
15	64QAM	36	20	20.46	20.36	20.52	21	3
15	64QAM	36	39	20.49	20.50	20.52		
15	64QAM	75	0	20.37	20.46	20.51		
15	256QAM	1	0	18.25	18.39	18.34		
15	256QAM	1	37	18.25	18.15	18.17	19	5
15	256QAM	1	74	18.16	18.12	18.24		
15	256QAM	36	0	18.40	18.37	18.24		
15	256QAM	36	20	18.30	18.26	18.25	19	5
15	256QAM	36	39	18.26	18.20	18.14		
15	256QAM	75	0	18.25	18.29	18.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.34	23.29	23.30		
10	QPSK	1	25	23.48	23.54	23.57	24	0
10	QPSK	1	49	23.40	23.43	23.57		
10	QPSK	25	0	22.50	22.61	22.48		
10	QPSK	25	12	22.54	22.63	22.48	23	1
10	QPSK	25	25	22.49	22.42	22.54		
10	QPSK	50	0	22.41	22.50	22.47		
10	16QAM	1	0	22.44	22.56	22.41		
10	16QAM	1	25	22.76	22.71	22.77	23	1
10	16QAM	1	49	22.52	22.56	22.51		
10	16QAM	25	0	21.34	21.50	21.53		
10	16QAM	25	12	21.49	21.57	21.56	22	2
10	16QAM	25	25	21.49	21.47	21.43		
10	16QAM	50	0	21.42	21.50	21.41		
10	64QAM	1	0	21.53	21.52	21.45		
10	64QAM	1	25	21.56	21.70	21.55	22	2
10	64QAM	1	49	21.54	21.54	21.60		
10	64QAM	25	0	20.41	20.57	20.55		
10	64QAM	25	12	20.38	20.47	20.52	21	3
10	64QAM	25	25	20.40	20.48	20.48		
10	64QAM	50	0	20.32	20.46	20.41		
10	256QAM	1	0	18.23	18.39	18.33		
10	256QAM	1	25	18.25	18.29	18.14	19	5
10	256QAM	1	49	18.17	18.15	18.24		
10	256QAM	25	0	18.27	18.29	18.33		
10	256QAM	25	12	18.25	18.29	18.19	19	5
10	256QAM	25	25	18.23	18.18	18.19		
10	256QAM	50	0	18.30	18.35	18.30		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.30	23.27	23.23		
5	QPSK	1	12	23.57	23.55	23.57	24	0
5	QPSK	1	24	23.26	23.42	23.50		
5	QPSK	12	0	22.44	22.55	22.52		
5	QPSK	12	7	22.46	22.64	22.50	23	1
5	QPSK	12	13	22.46	22.50	22.46		
5	QPSK	25	0	22.38	22.49	22.40		
5	16QAM	1	0	22.55	22.44	22.41		
5	16QAM	1	12	22.75	22.70	22.63	23	1
5	16QAM	1	24	22.55	22.53	22.58		
5	16QAM	12	0	21.33	21.45	21.52		
5	16QAM	12	7	21.56	21.48	21.49	22	2
5	16QAM	12	13	21.52	21.45	21.49		
5	16QAM	25	0	21.39	21.57	21.51		
5	64QAM	1	0	21.44	21.40	21.51		
5	64QAM	1	12	21.67	21.63	21.67	22	2
5	64QAM	1	24	21.45	21.59	21.66		
5	64QAM	12	0	20.32	20.42	20.59		
5	64QAM	12	7	20.47	20.37	20.53	21	3
5	64QAM	12	13	20.41	20.38	20.62		
5	64QAM	25	0	20.45	20.55	20.52		
5	256QAM	1	0	18.22	18.35	18.31		
5	256QAM	1	12	18.20	18.24	18.16	19	5
5	256QAM	1	24	18.09	18.12	18.16		
5	256QAM	12	0	18.34	18.29	18.28		
5	256QAM	12	7	18.37	18.22	18.19	19	5
5	256QAM	12	13	18.32	18.27	18.25		
5	256QAM	25	0	18.30	18.36	18.23		

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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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.74	19.51	19.56		
20	QPSK	1	49	19.88	19.95	19.86	20.5	0
20	QPSK	1	99	19.58	19.76	19.69		
20	QPSK	50	0	19.68	19.87	19.80		
20	QPSK	50	24	19.87	19.94	19.83	20.5	0
20	QPSK	50	50	19.78	19.86	19.77		
20	QPSK	100	0	19.76	19.86	19.85		
20	16QAM	1	0	19.49	19.50	19.57		
20	16QAM	1	49	19.70	19.74	19.73	20.5	0
20	16QAM	1	99	19.36	19.58	19.66		
20	16QAM	50	0	19.78	19.91	19.93		
20	16QAM	50	24

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.62	23.31	23.61		
10	QPSK	1	25	23.68	23.69	23.66	24.5	0
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57		
10	QPSK	25	12	22.68	22.71	22.62	23.5	1
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81		
10	16QAM	1	25	22.83	22.87	22.87	23.5	1
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59		
10	16QAM	25	12	21.66	21.65	21.65	22.5	2
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65		
10	64QAM	1	25	21.73	21.73	21.70	22.5	2
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56		
10	64QAM	25	12	20.61	20.62	20.62	21.5	3
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.65	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98		
10	256QAM	1	25	18.98	18.95	19.03	19.5	5
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99		
10	256QAM	25	12	19.02	19.02	19.05	19.5	5
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51		
5	QPSK	1	12	23.63	23.62	23.57	24.5	0
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.56	22.54		
5	QPSK	12	7	22.72	22.67	22.57	23.5	1
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61		
5	16QAM	1	0	22.78	22.75	22.83		
5	16QAM	1	12	22.85	22.85	22.92	23.5	1
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59		
5	16QAM	12	7	21.60	21.62	21.57	22.5	2
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68		
5	64QAM	1	12	21.65	21.63	21.64	22.5	2
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56		
5	64QAM	12	7	20.66	20.61	20.60	21.5	3
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94		
5	256QAM	1	12	19.01	18.98	18.93	19.5	5
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99		
5	256QAM	12	7	19.00	19.00	19.07	19.5	5
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62		
3	QPSK	1	8	23.64	23.66	23.68	24.5	0
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57		
3	QPSK	8	4	22.62	22.65	22.53	23.5	1
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.73	22.82	22.76		
3	16QAM	1	8	22.85	22.84	22.79	23.5	1
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63		
3	16QAM	8	4	21.58	21.70	21.55	22.5	2
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64		
3	64QAM	1	8	21.76	21.68	21.63	22.5	2
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59		
3	64QAM	8	4	20.55	20.62	20.60	21.5	3
3	64QAM	8	7	20.64	20.52	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88		
3	256QAM	1	8	18.99	18.89	19.08	19.5	5
3	256QAM	1	14	19.02	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93		
3	256QAM	8	4	18.95	18.93	18.96	19.5	5
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.06	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52		
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61	24.5	0
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.37	22.47		
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55	23.5	1
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.68	21.47	21.67		
1.4	64QAM	1	3	21.61	21.61	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60	22.5	2
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80		
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98	19.5	5
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.98	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83		
10	QPSK	1	25	23.90	23.95	23.91	24.5	0
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78		
10	QPSK	25	12	22.83	22.93	22.85	23.5	1
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02		
10	16QAM	1	25	23.02	23.06	23.04	23.5	1
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88		
10	16QAM	25	12	21.83	21.86	21.89	22.5	2
10	16QAM	25	25	21.86	21.73	21.96		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98		
10	64QAM	1	25	22.00	22.04	22.04	22.5	2
10	64QAM	1	49	22.01	22.00	22.01		
10	64QAM	25	0	20.73	20.82	20.87		
10	64QAM	25	12	20.82	20.85	20.84	21.5	3
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27		
10	256QAM	1	25	19.25	19.25	19.25	19.5	5
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23		
10	256QAM	25	12	19.28	19.20	19.27	19.5	5
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84		
5	QPSK	1	12	23.82	23.85	23.82	24.5	0
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73		
5	QPSK	12	7	22.77	22.98	22.87	23.5	1
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85		
5	16QAM	1	0	22.80	22.88	23.02		
5	16QAM	1	12	22.94	23.04	23.07	23.5	1
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81		
5	16QAM	12	7	21.82	21.80	21.80	22.5	2
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96		
5	64QAM	1	12	21.92	21.97	22.08	22.5	2
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81		
5	64QAM	12	7	20.87	20.79	20.79	21.5	3
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.96		
5	256QAM	1	0	19.21	19.17	19.27		
5	256QAM	1	12	19.17	19.26	19.30	19.5	5
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26		
5	256QAM	12	7	19.18	19.16	19.17	19.5	5
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73		
3	QPSK	1	8	23.86	23.87	23.94	24.5	0
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.75	22.88	22.77		
3	QPSK	8	4	22.81	22.96	22.82	23.5	1
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.74	22.86	23.04		
3	16QAM	1	8	23.02	23.02	22.99	23.5	1
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83		
3	16QAM	8	4	21.83	21.82	21.87	22.5	2
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95		
3	64QAM	1	8	22.02	22.04	22.03	22.5	2
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82		
3	64QAM	8	4	20.83	20.84	20.83	21.5	3
3	64QAM	8	7	20.83	20.78	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20		
3	256QAM	1	8	19.19	19.29	19.15	19.5	5
3	256QAM	1	14	19.23	19.23	19.13		
3	256QAM	8	0	19.22	19.21	19.18		
3	256QAM	8	4	19.32	19.10	19.20	19.5	5
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	19.16	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83		
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.88	23.88	24.5	0
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.69		
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94	23.5	1
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.88	21.91	21.97		
1.4	64QAM	1	3	21.62	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80	22.5	2
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19		
1.4	256QAM	1	3	19.18	19.16	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06	19.5	5
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	5

Band 13 Main PA_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		24.49			
10	QPSK	1	25		24.61		25.5	0
10	QPSK	1	49		24.55			
10	QPSK	25	0		23.40			
10	QPSK	25	12		23.46		24.5	1
10	QPSK	25	25		23.44			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.54			
10	16QAM	1	25		23.51		24.5	1
10	16QAM	1	49		23.52			
10	16QAM	25	0		22.59			
10	16QAM	25	12		22.67		23.5	2
10	16QAM	25	25		22.66			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.64			
10	64QAM	1	25		22.73		23.5	2
10	64QAM	1	49		22.73			
10	64QAM	25	0		21.56			
10	64QAM	25	12		21.64		22.5	3
10	64QAM	25	25		21.59			
10	64QAM	50	0		21.56			
10	256QAM	1	0		19.67			
10	256QAM	1	25		19.54		20.5	5
10	256QAM	1	49		19.45			
10	256QAM	25	0		19.61			
10	256QAM	25	12		19.41		20.5	5
10	256QAM	25	25		19.43			
10	256QAM	50	0		19.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.21	24.22	24.31		
5	QPSK	1	12	24.48	24.44	24.34	25.5	0
5	QPSK	1	24	24.36	24.42	24.35		
5	QPSK	12	0	23.23	23.16	23.26		
5	QPSK	12	7	23.21	23.19	23.27	24.5	1
5	QPSK	12	13	23.22	23.25	23.16		
5	QPSK	25	0	23.38	23.31	23.36		
5	16QAM	1	0	23.38	23.38	23.26		
5	16QAM	1	12	23.28	23.36	23.34	24.5	1
5	16QAM	1	24	23.37	23.30	23.27		
5	16QAM	12	0	22.31	22.44	22.33		
5	16QAM	12	7	22.44	22.45	22.42	23.5	2
5	16QAM	12	13	22.35	22.42	22.42		
5	16QAM	25	0	22.35	22.30	22.41		
5	64QAM	1	0	22.46	22.40	22.43		
5	64QAM	1	12	22.52	22.52	22.50	23.5	2
5	64QAM	1	24	22.47	22.47	22.45		
5	64QAM	12	0	21.32	21.30	21.35		
5	64QAM	12	7	21.40	21.50	21.45	22.5	3
5	64QAM	12	13	21.43	21.42	21.41		
5	64QAM	25	0	21.32	21.43	21.30		
5	256QAM	1	0	19.51	19.44	19.39		
5	256QAM	1	12	19.36	19.40	19.30	20.5	5
5	256QAM	1	24	19.17	19.31	19.22		
5	256QAM	12	0	19.38	19.44	19.37		
5	256QAM	12	7	19.25	19.18	19.17	20.5	5
5	256QAM	12	13	19.28	19.16	19.22		
5	256QAM	25	0	19.31	19.27	19.18		

Band 13 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.59			
10	QPSK	1	25		24.72		25.5	0
10	QPSK	1	49		24.64			
10	QPSK	25	0		23.53			
10	QPSK	25	12		23.58		24.5	1
10	QPSK	25	25		23.54			
10	QPSK	50	0		23.55			
10	16QAM	1	0		23.71			
10	16QAM	1	25		23.81		24.5	1
10	16QAM	1	49		23.77			
10	16QAM	25	0		22.73			
10	16QAM	25	12		22.73		23.5	2
10	16QAM	25	25		22.71			
10	16QAM	50	0		22.67			
10	64QAM	1	0		22.80			
10	64QAM	1	25		22.92		23.5	2
10	64QAM	1	49		22.89			
10	64QAM	25	0		21.72			
10	64QAM	25	12		21.71		22.5	3
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.67			
10	256QAM	1	0		20.21			
10	256QAM	1	25		20.21		20.5	5
10	256QAM	1	49		20.18			
10	256QAM	25	0		20.21			
10	256QAM	25	12		20.29		20.5	5
10	256QAM	25	25		20.28			
10	256QAM	50	0		20.21			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.48	24.51	24.53		
5	QPSK	1	12	24.58	24.67	24.57	25.5	0
5	QPSK	1	24	24.56	24.49	24.46		
5	QPSK	12	0	23.46	23.40	23.39		
5	QPSK	12	7	23.44	23.42	23.49	24.5	1
5	QPSK	12	13	23.47	23.47	23.36		
5	QPSK	25	0	23.42	23.49	23.48		
5	16QAM	1	0	23.65	23.55	23.64		
5	16QAM	1	12	23.76	23.65	23.67	24.5	1
5	16QAM	1	24	23.69	23.67	23.69		
5	16QAM	12	0	22.66	22.57	22.67		
5	16QAM	12	7	22.56	22.54	22.64	23.5	2
5	16QAM	12	13	22.62	22.53	22.56		
5	16QAM	25	0	22.51	22.63	22.58		
5	64QAM	1	0	22.72	22.75	22.71		
5	64QAM	1	12	22.82	22.79	22.82	23.5	2
5	64QAM	1	24	22.81	22.74	22.83		
5	64QAM	12	0	21.68	21.55	21.59		
5	64QAM	12	7	21.64	21.57	21.59	22.5	3
5	64QAM	12	13	21.50	21.51	21.54		
5	64QAM	25	0	21.57	21.50	21.50		
5	256QAM	1	0	20.17	20.02	20.12		
5	256QAM	1	12	20.11	20.08	20.05	20.5	5
5	256QAM	1	24	20.02	20.08	20.03		
5	256QAM	12	0	20.08	20.05	20.06		
5	256QAM	12	7	20.13	20.12	20.13	20.5	5
5	256QAM	12	13	20.21	20.15	20.09		
5	256QAM	25	0	20.10	20.10	20.12		

Band 17 Main PA_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	23.22	23.21	23.33		
10	QPSK	1	25	23.65	23.67	23.63	24.5	0
10	QPSK	1	49	23.62	23.64	23.61		
10	QPSK	25	0	22.50	22.45	22.44		
10	QPSK	25	12	22.57	22.61	22.57	23.5	1
10	QPSK	25	25	22.51	22.47	22.52		
10	QPSK	50	0	22.49	22.52	22.48		
10	16QAM	1	0	22.78	22.77	22.74		
10	16QAM	1	25	22.88	22.87	22.79	23.5	1
10	16QAM	1	49	22.86	22.81	22.80		
10	16QAM	25	0	21.51	21.46	21.49		
10	16QAM	25	12	21.62	21.62	21.60	22.5	2
10	16QAM	25	25	21.51	21.47	21.52		
10	16QAM	50	0	21.47	21.45	21.52		
10	64QAM	1	0	21.64	21.64	21.61		
10	64QAM	1	25	21.73	21.70	21.63	22.5	2
10	64QAM	1	49	21.69	21.67	21.69		
10	64QAM	25	0	20.49	20.44	20.47		
10	64QAM	25	12	20.60	20.62	20.58	21.5	3
10	64QAM	25	25	20.51	20.48	20.49		
10	64QAM	50	0	20.49	20.45	20.50		
10	256QAM	1	0	18.86	18.88	18.89		
10	256QAM	1	25	18.93	18.87	18.85	19.5	5
10	256QAM	1	49	18.84	18.85	18.89		
10	256QAM	25	0	18.87	18.90	18.88		
10	256QAM	25	12	18.87	18.85	18.87	19.5	5
10	256QAM	25	25	18.87	18.91	18.89		
10	256QAM	50	0	18.86	18.93	18.92		
Channel				23705	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.23	23.20	23.32		
5	QPSK	1	12	23.64	23.66	23.62	24.5	0
5	QPSK	1	24	23.65	23.57	23.59		
5	QPSK	12	0	22.40	22.49	22.44		
5	QPSK	12	7	22.55	22.58	22.57	23.5	1
5	QPSK	12	13	22.53	22.50	22.57		
5	QPSK	25	0	22.46	22.42	22.49		
5	16QAM	1	0	22.70	22.73	22.68		
5	16QAM	1	12	22.91	22.86	22.83	23.5	1
5	16QAM	1	24	22.85	22.83	22.71		
5	16QAM	12	0	21.53	21.49	21.42		
5	16QAM	12	7	21.53	21.53	21.64	22.5	2
5	16QAM	12	13	21.52	21.47	21.44		
5	16QAM	25	0	21.45	21.47	21.57		
5	64QAM	1	0	21.67	21.55	21.51		
5	64QAM	12	0	21.67	21.69	21.57	22.5	2
5	64QAM	1	24	21.71	21.66	21.63		
5	64QAM	12	0	20.53	20.35	20.37		
5	64QAM	12	7	20.54	20.61	20.54	21.5	3
5	64QAM	12	13	20.43	20.43	20.39		
5	64QAM	25	0	20.40	20.46	20.47		
5	256QAM	1	0	18.83	18.82	18.88		
5	256QAM	1	12	18.86	18.85	18.82	19.5	5
5	256QAM	1	24	18.78	18.85	18.88		
5	256QAM	12	0	18.79	18.90	18.88		
5	256QAM	12	7	18.81	18.78	18.79	19.5	5
5	256QAM	12	13	18.78	18.81	18.85		
5	256QAM	25	0	18.90	18.85	18.85		

Band 17 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.44	23.45	23.56		
10	QPSK	1	25	23.82	23.88	23.83	24.5	0
10	QPSK	1	49	23.81	23.81	23.81		
10	QPSK	25	0	22.78	22.78	22.80		
10	QPSK	25	12	22.86	22.87	22.86	23.5	1
10	QPSK	25	25	22.80	22.79	22.80		
10	QPSK	50	0	22.85	22.87	22.81		
10	16QAM	1	0	22.95	23.02	22.96		
10	16QAM	1	25	23.08	23.05	23.04	23.5	1
10	16QAM	1	49	23.06	22.99	23.05		
10	16QAM	25	0	21.83	21.77	21.80		
10	16QAM	25	12	21.89	21.88	21.87	22.5	2
10	16QAM	25	25	21.79	21.81	21.85		
10	16QAM	50	0	21.78	21.78	21.85		
10	64QAM	1	0	21.97	21.95	21.93		
10	64QAM	1	25	22.05	22.03	21.96	22.5	2
10	64QAM	1	49	22.02	22.03	22.02		
10	64QAM	25	0	20.76	20.75	20.77		
10	64QAM	25	12	20.84	20.86	20.85	21.5	3
10	64QAM	25	25	20.79	20.76	20.83		
10	64QAM	50	0	20.78	20.77	20.82		
10	256QAM	1	0	19.19	19.16	19.13		
10	256QAM	1	25	19.16	19.12	19.11	19.5	5
10	256QAM	1	49	19.11	19.24	19.22		
10	256QAM	25	0	19.26	19.14	19.24		
10	256QAM	25	12	19.14	19.11	19.22	19.5	5
10	256QAM	25	25	19.11	19.18	19.15		
10	256QAM	50	0	19.22	19.24	19.22		
Channel				23705	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.44	23.43	23.53		
5	QPSK	1	12	23.86	23.82	23.81	24.5	0
5	QPSK	1	24	23.72	23.77	23.83		
5	QPSK	12	0	22.74	22.80	22.73		
5	QPSK	12	7	22.79	22.81	22.88	23.5	1
5	QPSK	12	13	22.82	22.72	22.80		
5	QPSK	25	0	22.88	22.83	22.86		
5	16QAM	1	0	22.89	22.95	22.86		
5	16QAM	1	12	23.07	22.98	22.97	23.5	1
5	16QAM	1	24	23.00	22.91	23.07		
5	16QAM	12	0	21.78	21.70	21.76		
5	16QAM	12	7	21.87	21.81	21.82	22.5	2
5	16QAM	12	13	21.76	21.73	21.76		
5	16QAM	25	0	21.68	21.75	21.78		
5	64QAM	1	0	21.92	21.95	21.92		
5	64QAM	1	12	21.97	21.93	21.93	22.5	2
5	64QAM	1	24	21.93	22.05	22.05		
5	64QAM	12	0	20.79	20.77	20.77		
5	64QAM	12	7	20.87	20.81	20.85	21.5	3
5	64QAM	12	13	20.81	20.72	20.87		
5	64QAM	25	0	20.80	20.73	20.86		
5	256QAM	1	0	19.09	19.20	19.14		
5	256QAM	1	12	19.09	19.07	19.11	19.5	5
5	256QAM	1	24	19.03	19.21	19.19		
5	256QAM	12	0	19.18	19.13	19.27		
5	256QAM	12	7	19.06	19.07	19.22	19.5	5
5	256QAM	12	13	19.04	19.14	19.20		
5	256QAM	25	0	19.28	19.26	19.25		

Band 26 Main PA_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	24.58	24.56	24.54		
15	QPSK	1	37	24.63	24.65	24.58	25.5	0
15	QPSK	1	74	24.61	24.49	24.41		
15	QPSK	36	0	23.60	23.50	23.55		
15	QPSK	36	20	23.65	23.66	23.57	24.5	1
15	QPSK	36	39	23.56	23.58	23.43		
15	QPSK	75	0	23.51	23.55	23.52		
15	16QAM	1	0	23.67	23.72	23.75		
15	16QAM	1	37	23.87	23.84	23.85	24.5	1
15	16QAM	1	74	23.74	23.70	23.68		
15	16QAM	36	0	22.57	22.53	22.57		
15	16QAM	36	20	22.60	22.57	22.51	23.5	2
15	16QAM	36	39	22.65	22.57	22.44		
15	16QAM	75	0	22.62	22.52	22.50		
15	64QAM	1	0	22.62	22.71	22.69		
15	64QAM	1	37	22.77	22.83	22.74	23.5	2
15	64QAM	1	74	22.68	22.64	22.54		
15	64QAM	36	0	21.79	21.68	21.56		
15	64QAM	36	20	21.79	21.60	21.52	22.5	3
15	64QAM	36	39	21.84	21.55	21.39		
15	64QAM	75	0	21.79	21.67	21.46		
15	256QAM	1	0	19.54	19.58	19.53		
15	256QAM	1	37	19.59	19.57	19.54	20.5	5
15	256QAM	1	74	19.62	19.56	19.55		
15	256QAM	36	0	19.57	19.57	19.63		
15	256QAM	36	20	19.60	19.53	19.55	20.5	5
15	256QAM	36	39	19.60	19.56	19.53		
15	256QAM	75	0	19.61	19.54	19.58		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.56	24.48	24.51		
10	QPSK	1	25	24.64	24.64	24.60	25.5	0
10	QPSK	1	49	24.52	24.42	24.42		
10	QPSK	25	0	23.52	23.53	23.59		
10	QPSK	25	12	23.55	23.56	23.62	24.5	1
10	QPSK	25	25	23.61	23.60	23.34		
10	QPSK	50	0	23.45	23.49	23.52		
10	16QAM	1	0	23.93	23.87	23.71		
10	16QAM	1	25	23.92	23.87	23.82	24.5	1
10	16QAM	1	49	23.79	23.75	23.70		
10	16QAM	25	0	22.58	22.43	22.62		
10	16QAM	25	12	22.53	22.53	22.54	23.5	2
10	16QAM	25	25	22.64	22.47	22.45		
10	16QAM	50	0	22.58	22.51	22.53		
10	64QAM	1	0	22.65	22.74	22.64		
10	64QAM	1	25	22.75	22.83	22.67	23.5	2
10	64QAM	1	49	22.68	22.54	22.45		
10	64QAM	25	0	21.69	21.72	21.57		
10	64QAM	25	12	21.83	21.52	21.44	22.5	3
10	64QAM	25	25	21.87	21.53	21.44		
10	64QAM	50	0	21.82	21.47	21.40		
10	256QAM	1	0	19.51	19.63	19.46		
10	256QAM	1	25	19.56	19.61	19.58	20.5	5
10	256QAM	1	49	19.58	19.60	19.60		
10	256QAM	25	0	19.61	19.62	19.53		
10	256QAM	25	12	19.60	19.57	19.47	20.5	5
10	256QAM	25	25	19.55	19.60	19.46		
10	256QAM	50	0	19.54	19.49	19.56		
Channel				26718	26840	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.49	24.47	24.55		
5	QPSK	1	12	24.56	24.63	24.62	25.5	0
5	QPSK	1	24	24.60	24.51	24.35		
5	QPSK	12	0	23.52	23.43	23.46		
5	QPSK	12	7	23.57	23.60	23.48	24.5	1
5	QPSK	12	13	23.56	23.51	23.48		
5	QPSK	25	0	23.55	23.58	23.52		
5	16QAM	1	0	23.65	23.65	23.68		
5	16QAM	1	12	23.86	23.80	23.84	24.5	1
5	16QAM	1	24	23.71	23.71	23.61		
5	16QAM	12	0	22.55	22.58	22.51		
5	16QAM	12	7	22.65	22.61	22.55	23.5	2
5	16QAM	12	13	22.61	22.49	22.44		
5	16QAM	25	0	22.54	22.45	22.53		
5	64QAM	1	0	22.58	22.66	22.69		
5	64QAM	1	12	22.76	22.80	22.70	23.5	2
5	64QAM	1	24	22.60	22.59	22.55		
5	64QAM	12	0	21.74	21.61	21.56		
5	64QAM	12	7	21.71	21.65	21.55	22.5	3
5	64QAM	12	13	21.81	21.58	21.45		
5	64QAM	25	0	21.77	21.52	21.42		
5	256QAM	1	0	19.57	19.48	19.51		
5	256QAM	1	12	19.50	19.58	19.48	20.5	5
5	256QAM	1	24	19.53	19.51	19.59		
5	256QAM	12	0	19.57	19.62	19.58		
5	256QAM	12	7	19.64	19.50	19.57	20.5	5
5	256QAM	12	13	19.63	19.54	19.46		
5	256QAM	25	0	19.51	19.48	19.62		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.53	24.50	24.49		
3	QPSK	1	8	24.57	24.55	24.57	25.5	0
3	QPSK	1	14	24.55	24.42	24.41		
3	QPSK	8	0	23.62	23.51	23.50		
3	QPSK	8	4	23.58	23.58	23.54	24.5	1
3	QPSK	8	7	23.61	23.59	23.34		
3	QPSK	15	0	23.50	23.46	23.44		
3	16QAM	1	0	23.69	23.65	23.76		
3	16QAM	1	8	23.85	23.77	23.83	24.5	1
3	16QAM	1	14	23.75	23.73	23.70		
3	16QAM	8	0	22.62	22.52	22.59		
3	16QAM	8	4	22.62	22.55	22.47	23.5	2
3	16QAM	8	7	22.59	22.55	22.40		
3	16QAM	15	0	22.61	22.51	22.52		
3	64QAM	1	0	22.62	22.64	22.68		
3	64QAM	1	8	22.78	22.75	22.66	23.5	2
3	64QAM	1	14	22.58	22.57	22.47		
3	64QAM	8	0	21.79	21.62	21.55		
3	64QAM	8	4	21.78	21.53	21.42	22.5	3
3	64QAM	8	7	21.83	21.58	21.36		
3	64QAM	15	0	21.74	21.50	21.48		
3	256QAM	1	0	19.56	19.59	19.50		
3	256QAM	1	8	19.58	19.47	19.57	20.5	5
3	256QAM	1	14	19.63	19.48	19.55		
3	256QAM	8	0	19.52	19.56	19.61		
3	256QAM	8	4	19.52	19.51	19.53	20.5	5
3	256QAM	8	7	19.58	19.59	19.44		
3	256QAM	15	0	19.66	19.59	19.58		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.53	24.46	24.46		
1.4	QPSK	1	3	24.58	24.60	24.57		
1.4	QPSK	1	5	24.62	24.58	24.47	25.5	0
1.4	QPSK	3	0	24.57	24.55	24.45		
1.4	QPSK	3	1	24.57	24.47	24.45		
1.4	QPSK	3	3	24.52	24.51	24.44		
1.4	QPSK	6	0	23.64	23.51	23.46	24.5	1
1.4	16QAM	1	0	23.55	23.41	23.47		
1.4	16QAM	1	3	23.56	23.42	23.48		
1.4	16QAM	1	5	23.56	23.49	23.45	24.5	1
1.4	16QAM	3	0	23.64	23.41	23.57		
1.4	16QAM	3	1	23.64	23.48	23.55		
1.4	16QAM	3	3	23.65	23.51	23.50		
1.4	16QAM	6	0	22.58	22.43	22.48	23.5	2
1.4	64QAM	1	0	22.48	22.56	22.61		
1.4	64QAM	1	3	22.61	22.54	22.51		
1.4	64QAM	1	5	22.57	22.45	22.55	23.5	2
1.4	64QAM	3	0	22.54	22.52	22.60		
1.4	64QAM	3	1	22.51	22.47	22.60		
1.4	64QAM	3	3	22.57	22.47	22.53		
1.4	64QAM	6	0	21.77	21.67	21.51	22.5	3
1.4	256QAM	1	0	19.54	19.54	19.54		
1.4	256QAM	1	3	19.62	19.57	19.57		
1.4	256QAM	1	5	19.62	19.55	19.56	20.5	5
1.4	256QAM	3	0	19.58	19.49	19.66		
1.4	256QAM	3	1	19.61	19.57	19.49		
1.4	256QAM	3	3	19.62	19.48	19.51		
1.4	256QAM	6	0	19.54	19.47	19.48	20.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.69	24.74	24.69		
15	QPSK	1	37	24.81	24.84	24.73	25.5	0
15	QPSK	1	74	24.75	24.69	24.61		
15	QPSK	36	0	23.77	23.65	23.63		
15	QPSK	36	20	23.78	23.78	23.71	24.5	1
15	QPSK	36	39	23.73	23.68	23.58		
15	QPSK	75	0	23.71	23.73	23.67		
15	16QAM	1	0	23.85	23.91	23.88		
15	16QAM	1	37	24.01	24.01	23.94	24.5	1
15	16QAM	1	74	23.93	23.86	23.78		
15	16QAM	36	0	22.67	22.63	22.70		
15	16QAM	36	20	22.72	22.69	22.64	23.5	2
15	16QAM	36	39	22.75	22.70	22.57		
15	16QAM	75	0	22.71	22.63	22.65		
15	64QAM	1	0	22.66	22.69	22.67		
15	64QAM	1	37	22.81	22.80	22.72	23.5	2
15	64QAM	1	74	22.70	22.65	22.55		
15	64QAM	36	0	21.85	21.82	21.70		
15	64QAM	36	20	21.87	21.67	21.65	22.5	3
15	64QAM	36	39	21.92	21.68	21.58		
15	64QAM	75	0	21.88	21.70	21.62		
15	256QAM	1	0	20.00	19.98	19.96		
15	256QAM	1	37	20.05	19.93	19.97	20.5	5
15	256QAM	1	74	19.95	20.07	20.00		
15	256QAM	36	0	20.05	20.06	20.07		
15	256QAM	36	20	19.95	19.97	19.95	20.5	5
15	256QAM	36	39	19.97	20.01	20.04		
15	256QAM	75	0	20.00	19.97	19.95		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.62	24.74	24.60		
10	QPSK	1	25	24.73	24.75	24.69	25.5	0
10	QPSK	1	49	24.74	24.73	24.55		
10	QPSK	25	0	23.73	23.81	23.66		
10	QPSK	25	12	23.78	23.77	23.62	24.5	1
10	QPSK	25	25	23.64	23.60	23.56		
10	QPSK	50	0	23.67	23.71	23.59		
10	16QAM	1	0	23.80	23.94	23.93		
10	16QAM	1	25	24.03	23.97	23.87	24.5	1
10	16QAM	1	49	23.96	23.80	23.71		
10	16QAM	25	0	22.71	22.64	22.60		
10	16QAM	25	12	22.64	22.66	22.57	23.5	2
10	16QAM	25	25	22.69	22.62	22.56		
10	16QAM	50	0	22.67	22.55	22.62		
10	64QAM	1	0	22.66	22.65	22.68		
10	64QAM	1	25	22.73	22.74	22.67	23.5	2
10	64QAM	1	49	22.74	22.76	22.46		
10	64QAM	25	0	21.88	21.83	21.62		
10	64QAM	25	12	21.87	21.72	21.59	22.5	3
10	64QAM	25	25	21.95	21.72	21.54		
10	64QAM	50	0	21.88	21.59	21.58		
10	256QAM	1	0	19.94	20.03	19.99		
10	256QAM	1	25	20.04	19.95	19.96	20.5	5
10	256QAM	1	49	19.90	20.06	20.03		
10	256QAM	25	0	20.02	20.07	20.11		
10	256QAM	25	12	19.91	20.00	19.89	20.5	5
10	256QAM	25	25	19.95	19.97	19.98		
10	256QAM	50	0	20.02	19.92	19.86		
Channel				26718	26840	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.69	24.72	24.68		
5	QPSK	1	12	24.76	24.83	24.73	25.5	0
5	QPSK	1	24	24.67	24.72	24.51		
5	QPSK	12	0	23.74	23.66	23.62		
5	QPSK	12	7	23.67	23.72	23.64	24.5	1
5	QPSK	12	13	23.72	23.71	23.52		
5	QPSK	25	0	23.70	23.78	23.59		
5	16QAM	1	0	23.84	23.86	23.93		
5	16QAM	1	12	23.93	24.06	23.93	24.5	1
5	16QAM	1	24	23.94	23.77	23.81		
5	16QAM	12	0	22.66	22.54	22.73		
5	16QAM	12	7	22.70	22.63	22.63	23.5	2
5	16QAM	12	13	22.70	22.65	22.53		
5	16QAM	25	0	22.75	22.60	22.65		
5	64QAM	1	0	22.69	22.71	22.72		
5	64QAM	1	12	22.72	22.72	22.73	23.5	2
5	64QAM	1	24	22.61	22.58	22.46		
5	64QAM	12	0	21.81	21.83	21.61		
5	64QAM	12	7	21.80	21.58	21.58	22.5	3
5	64QAM	12	13	21.82	21.63	21.53		
5	64QAM	25	0	21.78	21.47	21.59		
5	256QAM	1	0	19.97	19.92	19.87		
5	256QAM	1	12	19.97	19.83	19.99	20.5	5
5	256QAM	1	24	19.89	19.99	19.91		
5	256QAM	12	0	20.06	19.96	20.04		
5	256QAM	12	7	20.00	19.98	19.93	20.5	5
5	256QAM	12	13	19.97	19.92	20.07		
5	256QAM	25	0	19.94	19.89	19.88		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.67	24.79	24.66		
3	QPSK	1	8	24.79	24.82	24.68	25.5	0
3	QPSK	1	14	24.77	24.66	24.62		
3	QPSK	8	0	23.74	23.69	23.64		
3	QPSK	8	4	23.73	23.70	23.62	24.5	1
3	QPSK	8	7	23.73	23.68	23.54		
3	QPSK	15	0	23.74	23.67	23.63		
3	16QAM	1	0	23.82	23.93	23.85		
3	16QAM	1	8	24.02	23.96	23.88

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BW [MHz]	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)				1728	1745	1770		
20	QPSK	1	0	20.34	20.28	20.28		
20	QPSK	1	49	20.35	20.43	20.42	21.5	0
20	QPSK	1	99	20.16	20.20	20.19		
20	QPSK	50	0	19.33	19.28	19.28		
20	QPSK	50	24	19.40	19.41	19.36	20.5	1
20	QPSK	50	50	19.27	19.31	19.30		
20	QPSK	100	0	19.31	19.32	19.30		
20	16QAM	1	0	19.45	19.44	19.45		
20	16QAM	1	49	19.50	19.56	19.62	20.5	1
20	16QAM	1	99	19.31	19.31	19.31		
20	16QAM	50	0	18.38	18.24	18.28		
20	16QAM	50	24	18.34	18.30	18.34	19.5	2
20	16QAM	50	50	18.23	18.31	18.32		
20	16QAM	100	0	18.26	18.24	18.29		
20	64QAM	1	0	18.39	18.41	18.44		
20	64QAM	1	49	18.43	18.49	18.54	19.5	2
20	64QAM	1	99	18.28	18.29	18.34		
20	64QAM	50	0	17.32	17.25	17.24		
20	64QAM	50	24	17.33	17.32	17.32	18.5	3
20	64QAM	50	50	17.21	17.30	17.35		
20	64QAM	100	0	17.22	17.21	17.24		
20	256QAM	1	0	15.39	15.34	15.32		
20	256QAM	1	49	15.43	15.31	15.33	16.5	5
20	256QAM	1	99	15.35	15.42	15.31		
20	256QAM	50	0	15.41	15.37	15.35		
20	256QAM	50	24	15.43	15.40	15.36	16.5	5
20	256QAM	50	50	15.36	15.42	15.29		
20	256QAM	100	0	15.32	15.43	15.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.34	20.19	20.19		
15	QPSK	1	37	20.35	20.42	20.34	21.5	0
15	QPSK	1	74	20.20	20.20	20.11		
15	QPSK	36	0	19.24	19.30	19.20		
15	QPSK	36	20	19.40	19.45	19.33	20.5	1
15	QPSK	36	39	19.22	19.25	19.23		
15	QPSK	75	0	19.30	19.29	19.28		
15	16QAM	1	0	19.46	19.46	19.44		
15	16QAM	1	37	19.45	19.56	19.58	20.5	1
15	16QAM	1	74	19.33	19.31	19.23		
15	16QAM	36	0	18.28	18.17	18.24		
15	16QAM	36	20	18.35	18.34	18.39	19.5	2
15	16QAM	36	39	18.14	18.18	18.30		
15	16QAM	75	0	18.26	18.14	18.26		
15	64QAM	1	0	18.43	18.32	18.48		
15	64QAM	1	37	18.45	18.43	18.44	19.5	2
15	64QAM	1	74	18.29	18.37	18.39		
15	64QAM	36	0	17.28	17.16	17.26		
15	64QAM	36	20	17.34	17.31	17.29	18.5	3
15	64QAM	36	39	17.16	17.25	17.31		
15	64QAM	75	0	17.21	17.16	17.28		
15	256QAM	1	0	15.42	15.29	15.31		
15	256QAM	1	37	15.42	15.29	15.27	16.5	5
15	256QAM	1	74	15.30	15.38	15.32		
15	256QAM	36	0	15.46	15.29	15.36		
15	256QAM	36	20	15.46	15.39	15.27	16.5	5
15	256QAM	36	39	15.40	15.41	15.21		
15	256QAM	75	0	15.32	15.35	15.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.35	20.29	20.22		
10	QPSK	1	25	20.30	20.33	20.40	21.5	0
10	QPSK	1	49	20.10	20.24	20.16		
10	QPSK	25	0	19.30	19.22	19.33		
10	QPSK	25	12	19.43	19.37	19.40	20.5	1
10	QPSK	25	25	19.21	19.27	19.34		
10	QPSK	50	0	19.35	19.23	19.34		
10	16QAM	1	0	19.46	19.40	19.42		
10	16QAM	1	25	19.45	19.48	19.53	20.5	1
10	16QAM	1	49	19.31	19.29	19.21		
10	16QAM	25	0	18.40	18.17	18.31		
10	16QAM	25	12	18.29	18.34	18.29	19.5	2
10	16QAM	25	25	18.26	18.35	18.36		
10	16QAM	50	0	18.31	18.19	18.22		
10	64QAM	1	0	18.37	18.31	18.37		
10	64QAM	1	25	18.33	18.39	18.57	19.5	2
10	64QAM	1	49	18.29	18.31	18.36		
10	64QAM	25	0	17.27	17.22	17.25		
10	64QAM	25	12	17.31	17.33	17.26	18.5	3
10	64QAM	25	25	17.26	17.25	17.30		
10	64QAM	50	0	17.19	17.23	17.14		
10	256QAM	1	0	15.33	15.35	15.26		
10	256QAM	1	25	15.44	15.26	15.27	16.5	5
10	256QAM	1	49	15.27	15.41	15.23		
10	256QAM	25	0	15.37	15.27	15.32		
10	256QAM	25	12	15.35	15.40	15.35	16.5	5
10	256QAM	25	25	15.32	15.35	15.30		
10	256QAM	50	0	15.24	15.40	15.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.34	20.19	20.25		
5	QPSK	1	12	20.29	20.34	20.40	21.5	0
5	QPSK	1	24	20.19	20.12	20.12		
5	QPSK	12	0	19.35	19.18	19.18		
5	QPSK	12	7	19.45	19.43	19.30	20.5	1
5	QPSK	12	13	19.17	19.33	19.23		
5	QPSK	25	0	19.21	19.32	19.28		
5	16QAM	1	0	19.35	19.46	19.44		
5	16QAM	1	12	19.49	19.56	19.52	20.5	1
5	16QAM	1	24	19.21	19.24	19.27		
5	16QAM	12	0	18.37	18.18	18.20		
5	16QAM	12	7	18.36	18.32	18.34	19.5	2
5	16QAM	12	13	18.22	18.23	18.36		
5	16QAM	25	0	18.19	18.18	18.32		
5	64QAM	1	0	18.38	18.45	18.47		
5	64QAM	1	12	18.49	18.42	18.53	19.5	2
5	64QAM	1	24	18.18	18.27	18.24		
5	64QAM	12	0	17.26	17.30	17.25		
5	64QAM	12	7	17.26	17.22	17.30	18.5	3
5	64QAM	12	13	17.15	17.21	17.40		
5	64QAM	25	0	17.26	17.24	17.16		
5	256QAM	1	0	15.35	15.27	15.36		
5	256QAM	1	12	15.44	15.28	15.31	16.5	5
5	256QAM	1	24	15.40	15.41	15.34		
5	256QAM	12	0	15.43	15.36	15.29		
5	256QAM	12	7	15.39	15.37	15.33	16.5	5
5	256QAM	12	13	15.31	15.35	15.29		
5	256QAM	25	0	15.38	15.42	15.29		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.32	20.26	20.27		
3	QPSK	1	8	20.31	20.35	20.35	21.5	0
3	QPSK	1	14	20.16	20.13	20.15		
3	QPSK	8	0	19.26	19.21	19.18		
3	QPSK	8	4	19.42	19.41	19.31	20.5	1
3	QPSK	8	7	19.29	19.29	19.28		
3	QPSK	15	0	19.27	19.35	19.33		
3	16QAM	1	0	19.49	19.45	19.41		
3	16QAM	1	8	19.42	19.47	19.56	20.5	1
3	16QAM	1	14	19.23	19.33	19.34		
3	16QAM	8	0	18.20	18.23	18.23		
3	16QAM	8	4	18.38	18.20	18.37	19.5	2
3	16QAM	8	7	18.20	18.21	18.36		
3	16QAM	15	0	18.29	18.17	18.23		
3	64QAM	1	0	18.31	18.32	18.34		
3	64QAM	1	8	18.34	18.45	18.45	19.5	2
3	64QAM	1	14	18.19	18.34	18.34		
3	64QAM	8	0	17.32	17.25	17.24		
3	64QAM	8	4	17.25	17.29	17.28	18.5	3
3	64QAM	8	7	17.26	17.37	17.39		
3	64QAM	15	0	17.17	17.18	17.27		
3	256QAM	1	0	15.35	15.28	15.36		
3	256QAM	1	8	15.47	15.33	15.30	16.5	5
3	256QAM	1	14	15.33	15.33	15.33		
3	256QAM	8	0	15.41	15.41	15.36		
3	256QAM	8	4	15.47	15.40	15.41	16.5	5
3	256QAM	8	7	15.38	15.37	15.19		
3	256QAM	15	0	15.32	15.23	15.34		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.29	20.33	20.21		
1.4	QPSK	1	3	20.29	20.33	20.18		
1.4	QPSK	1	5	20.34	20.28	20.30	21.5	0
1.4	QPSK	3	0	20.36	20.31	20.21		
1.4	QPSK	3	1	20.31	20.21	20.30		
1.4	QPSK	3	3	20.39	20.28	20.31		
1.4	QPSK	6	0	19.44	19.42	19.42	20.5	1
1.4	16QAM	1	0	19.43	19.35	19.44		
1.4	16QAM	1	3	19.42	19.36	19.50		
1.4	16QAM	1	5	19.41	19.46	19.35	20.5	1
1.4	16QAM	3	0	18.33	19.47	19.36		
1.4	16QAM	3	1	19.45	19.45	19.38		
1.4	16QAM	3	3	19.44	19.34	19.45		
1.4	16QAM	6	0	18.38	18.19	18.26	19.5	2
1.4	64QAM	1	0	18.36	18.14	18.19		
1.4	64QAM	1	3	18.33	18.16	18.19		
1.4	64QAM	1	5	18.38	18.14	18.21	19.5	2
1.4	64QAM	3	0	18.38	18.14	18.24		
1.4	64QAM	3	1	18.39	18.19	18.22		
1.4	64QAM	3	3	18.40	18.19	18.26		
1.4	64QAM	6	0	17.19	17.26	17.28	18.5	3
1.4	256QAM	1	0	15.41	15.31	15.34		
1.4	256QAM	1	3	15.34	15.23	15.32		
1.4	256QAM	1	5	15.31	15.34	15.22	16.5	5
1.4	256QAM	3	0	15.37	15.34	15.27		
1.4	256QAM	3	1	15.48	15.42	15.39		
1.4	256QAM	3	3	15.34	15.45	15.22		
1.4	256QAM	6	0	15.22	15.46	15.32	16.5	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)				1728	1745	1770		
20	QPSK	1	0	24.09	24.06	24.17		
20	QPSK	1	49	24.12	24.28	24.21	25.5	0
20	QPSK	1	99	23.96	24.01	23.96		
20	QPSK	50	0	23.13	23.20	23.19		
20	QPSK	50	24	23.15	23.28	23.22	24.5	1
20	QPSK	50	50	23.08	23.16	23.11		
20	QPSK	100	0	23.06	23.19	23.11		
20	16QAM	1	0	23.22	23.24	23.34		
20	16QAM	1	49	23.36	23.39	23.45	24.5	1
20	16QAM	1	99	23.15	23.23	23.12		
20	16QAM	50	0	22.06	22.12	22.24		
20	16QAM	50	24	22.09	22.16	22.18	23.5	2
20	16QAM	50	50	22.01	22.13	22.14		
20	16QAM	100	0	22.01	22.10	22.09		
20	64QAM	1	0	22.18	22.22	22.26		
20	64QAM	1	49	22.25	22.32	22.38	23.5	2
20	64QAM	1	99	22.06	22.13	22.06		
20	64QAM	50	0	21.07	21.09	21.20		
20	64QAM	50	24	21.07	21.19	21.21	22.5	3
20	64QAM	50	50	21.07	21.12	21.12		
20	64QAM	100	0	21.01	21.15	21.10		
20	256QAM	1	0	19.32	19.24	19.23		
20	256QAM	1	49	19.26	19.18	19.20	20.5	5
20	256QAM	1	99	19.29	19.19	19.31		
20	256QAM	50	0	19.29	19.21	19.19		
20	256QAM	50	24	19.29	19.27	19.26	20.5	5
20	256QAM	50	50	19.25	19.30	19.32		
20	256QAM	100	0	19.28	19.28	19.24		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.05	24.06	24.12		
15	QPSK	1	37	24.04	24.24	24.16	25.5	0
15	QPSK	1	74	23.96	24.01	23.87		
15	QPSK	36	0	23.04	23.12	23.15		
15	QPSK	36	20	23.14	23.21	23.22	24.5	1
15	QPSK	36	39	23.06	23.18	23.16		
15	QPSK	75	0	22.96	23.23	23.02		
15	16QAM	1	0	23.24	23.18	23.34		
15	16QAM	1	37	23.28	23.37	23.47	24.5	1
15	16QAM	1	74	23.10	23.23	23.08		
15	16QAM	36	0	22.02	22.09	22.25		
15	16QAM	36	20	22.12	22.20	22.17	23.5	2
15	16QAM	36	39	22.11	22.12	22.08		
15	16QAM	75	0	22.05	22.13	22.04		
15	64QAM	1	0	22.23	22.23	22.18		
15	64QAM	1	37	22.23	22.29	22.36	23.5	2
15	64QAM	1	74	22.08	22.04	22.04		
15	64QAM	36	0	21.01	21.13	21.25		
15	64QAM	36	20	21.02	21.22	21.25	22.5	3
15	64QAM	36	39	21.12	21.10	21.02		
15	64QAM	75	0	20.96	20.99	21.07		
15	256QAM	1	0	19.36	19.27	19.27		
15	256QAM	1	37	19.18	19.22	19.21	20.5	5
15	256QAM	1	74	19.29	19.20	19.33		
15	256QAM	36	0	19.19	19.24	19.16		
15	256QAM	36	20	19.19	19.21	19.24	20.5	5
15	256QAM	36	39	19.21	19.31	19.23		
15	256QAM	75	0	19.24	19.32	19.19		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.14	23.98	24.19		
10	QPSK	1	25	24.13	24.19	24.14	25.5	0
10	QPSK	1	49	24.00	23.96	23.91		
10	QPSK	25	0	23.02	23.21	23.13		
10	QPSK	25	12	23.05	23.32	23.21	24.5	1
10	QPSK	25	25	22.98	23.07	23.09		
10	QPSK	50	0	22.97	23.15	23.01		
10	16QAM	1	0	23.29	23.29	23.36		
10	16QAM	1	25	23.20	23.42	23.35	24.5	1
10	16QAM	1	49	23.06	23.23	23.04		
10	16QAM	25	0	22.06	22.09	22.21		
10	16QAM	25	12	22.04	22.15	22.21	23.5	2
10	16QAM	25	25	22.05	22.15	22.19		
10	16QAM	50	0	22.06	22.05	22.13		
10	64QAM	1	0	22.09	22.18	22.20		
10	64QAM	1	25	22.17	22.26	22.29	23.5	2
10	64QAM	1	49	22.09	22.12	21.99		
10	64QAM	25	0	21.11	21.00	21.13		
10	64QAM	25	12	21.05	21.11	21.24	22.5	3
10	64QAM	25	25	21.00	21.09	21.12		
10	64QAM	50	0	21.02	20.95	21.11		
10	256QAM	1	0	19.23	19.16	19.23		
10	256QAM	1	25	19.20	19.13	19.10	20.5	5
10	256QAM	1	49	19.29	19.18	19.21		
10	256QAM	25	0	19.11	19.16	19.09		
10	256QAM	25	12	19.24	19.29	19.28	20.5	5
10	256QAM	25	25	19.18	19.22	19.32		
10	256QAM	50	0	19.27	19.14	19.16		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.06	24.09	24.14		
5	QPSK	1	12	24.03	24.18	24.25	25.5	0
5	QPSK	1	24	23.96	23.95	24.01		
5	QPSK	12	0	23.08	23.17	23.20		
5	QPSK	12	7	23.10	23.25	23.23	24.5	1
5	QPSK	12	13	23.00	23.09	23.08		
5	QPSK	25	0	23.00	23.11	23.03		
5	16QAM	1	0	23.13	23.18	23.39		
5	16QAM	1	12	23.28	23.31	23.38	24.5	1
5	16QAM	1	24	23.06	23.25	23.16		
5	16QAM	12	0	22.10	22.13	22.14		
5	16QAM	12	7	22.07	22.07	22.16	23.5	2
5	16QAM	12	13	22.04	22.05	22.10		
5	16QAM	25	0	21.92	22.05	22.14		
5	64QAM	1	0	22.14	22.22	22.31		
5	64QAM	1	12	22.23	22.31	22.39	23.5	2
5	64QAM	1	24	21.98	22.16	22.07		
5	64QAM	12	0	21.00	21.00	21.18		
5	64QAM	12	7	21.02	21.14	21.18	22.5	3
5	64QAM	12	13	21.11	21.13	21.03		
5	64QAM	25	0	21.00	20.98	21.12		
5	256QAM	1	0	19.37	19.19	19.21		
5	256QAM	1	12	19.29	19.21	19.11	20.5	5
5	256QAM	1	24	19.19	19.18	19.25		
5	256QAM	12	0	19.12	19.16	19.23		
5	256QAM	12	7	19.28	19.21	19.23	20.5	5
5	256QAM	12	13	19.17	19.21	19.26		
5	256QAM	25	0	19.26	19.31	19.16		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.06	24.10	24.10		
3	QPSK	1	8	24.16	24.22	24.11	25.5	0
3	QPSK	1	14	23.93	23.92	23.90		
3	QPSK	8	0	23.09	23.25	23.22		
3	QPSK	8	4	23.09	23.23	23.27	24.5	1
3	QPSK	8	7	23.08	23.13	23.15		
3	QPSK	15	0	23.11	23.24	23.05		
3	16QAM	1	0	23.24	23.19	23.28		
3	16QAM	1	8	23.22	23.41	23.38	24.5	1
3	16QAM	1	14	23.11	23.25	23.12		
3	16QAM	8	0	22.04	22.09	22.21		
3	16QAM	8	4	21.99	22.06	22.13	23.5	2
3	16QAM	8	7	22.00	22.06	22.13		
3	16QAM	15	0	21.95	22.04	21.99		
3	64QAM	1	0	22.20	22.19	22.21		
3	64QAM	1	8	22.15	22.33	22.31	23.5	2
3	64QAM	1	14	22.03	22.08	22.10		
3	64QAM	8	0	21.05	21.07	21.14		
3	64QAM	8	4	21.00	21.24	21.26	22.5	3
3	64QAM	8	7	21.09	21.16	21.14		
3	64QAM	15	0	20.95	21.01	21.14		
3	256QAM	1	0	19.36	19.25	19.18		
3	256QAM	1	8	19.18	19.22	19.16	20.5	5
3	256QAM	1	14	19.11	19.12	19.32		
3	256QAM	8	0	19.11	19.19	19.24		
3	256QAM	8	4	19.24	19.29	19.20	20.5	5
3	256QAM	8	7	19.29	19.34	19.23		
3	256QAM	15	0	19.31	19.25	19.16		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.00	24.03	24.16		
1.4	QPSK	1	3	23.99	24.08	24.19		
1.4	QPSK	1	5	24.14	24.06	24.21	25.5	0
1.4	QPSK	3	0	24.06	24.05	24.07		
1.4	QPSK	3	1	24.14	23.98	24.21		
1.4	QPSK	3	3	23.99	24.02	24.22		
1.4	QPSK	6	0	23.08	23.21	23.39	24.5	1
1.4	16QAM	1	0	23.21	23.28	23.37		
1.4	16QAM	1	3	23.17	23.16	23.31		
1.4	16QAM	1	5	23.25	23.25	23.26	24.5	1
1.4	16QAM	3	0	23.22	23.18	23.38		
1.4	16QAM	3	1	23.15	23.21	23.37		
1.4	16QAM	3	3	23.16	23.19	23.30		
1.4	16QAM	6	0	22.10	22.05	22.20	23.5	2
1.4	64QAM	1	0	22.00	22.02	22.16		
1.4	64QAM	1	3	22.11	22.05	22.19		
1.4	64QAM	1	5	22.01	22.11	22.19	23.5	2
1.4	64QAM	3	0	22.05	22.15	22.29		
1.4	64QAM	3	1	22.06	22.12	22.16		
1.4	64QAM	3	3	21.98	22.05	22.24		
1.4	64QAM	6	0	20.98	21.12	21.19	22.5	3
1.4	256QAM	1	0	19.24	19.27	19.26		
1.4	256QAM	1	3	19.18	19.19	19.17		
1.4	256QAM	1	5	19.32	19.10	19.27	20.5	5
1.4	256QAM	3	0	19.09	19.11	19.23		
1.4	256QAM	3	1	19.26	19.28	19.31		
1.4	256QAM	3	3	19.25	19.26	19.28		
1.4	256QAM	6	0	19.29	19.23	19.27	20.5	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)				1728	1745	1770		
20	QPSK	1	0	23.41	23.35	23.33		
20	QPSK	1	49	23.43	23.50	23.44	24.2	0
20	QPSK	1	99	23.35	23.29	23.15		
20	QPSK	50	0	22.40	22.42	22.41		
20	QPSK	50	24	22.44	22.51	22.45	23.2	1
20	QPSK	50	50	22.41	22.40	22.30		
20	QPSK	100	0	22.40	22.45	22.33		
20	16QAM	1	0	22.60	22.52	22.52		
20	16QAM	1	49	22.63	22.63	22.62	23.2	1
20	16QAM	1	99	22

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.52	20.40	20.32	21.5	0
20	QPSK	1	49	20.55	20.65	20.54		
20	QPSK	1	99	20.51	20.41	20.43		
20	QPSK	50	0	19.55	19.47	19.47	20.5	1
20	QPSK	50	24	19.57	19.63	19.52		
20	QPSK	50	50	19.55	19.48	19.49		
20	QPSK	100	0	19.46	19.55	19.49		
20	16QAM	1	0	19.50	19.34	19.30	20.5	1
20	16QAM	1	49	19.63	19.52	19.53		
20	16QAM	1	99	19.46	19.36	19.41		
20	16QAM	50	0	18.56	18.46	18.47	19.5	2
20	16QAM	50	24	18.65	18.53	18.54		
20	16QAM	50	50	18.58	18.45	18.52		
20	16QAM	100	0	18.56	18.44	18.48		
20	64QAM	1	0	18.23	18.12	18.08	19.5	2
20	64QAM	1	49	18.38	18.26	18.25		
20	64QAM	1	99	18.24	18.12	18.17		
20	64QAM	50	0	17.52	17.42	17.45	18.5	3
20	64QAM	50	24	17.60	17.48	17.48		
20	64QAM	50	50	17.53	17.43	17.47		
20	64QAM	100	0	17.51	17.43	17.47		
20	256QAM	1	0	15.23	15.22	15.12	16.5	5
20	256QAM	1	49	15.13	15.18	15.26		
20	256QAM	1	99	15.23	15.12	15.16		
20	256QAM	50	0	15.20	15.20	15.17	16.5	5
20	256QAM	50	24	15.26	15.25	15.20		
20	256QAM	50	50	15.24	15.23	15.14		
20	256QAM	100	0	15.23	15.18	15.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.49	20.32	20.26	21.5	0
15	QPSK	1	37	20.53	20.64	20.58		
15	QPSK	1	74	20.42	20.38	20.36		
15	QPSK	36	0	19.51	19.39	19.46	20.5	1
15	QPSK	36	20	19.57	19.60	19.54		
15	QPSK	36	39	19.59	19.39	19.47		
15	QPSK	75	0	19.41	19.52	19.40		
15	16QAM	1	0	19.52	19.27	19.26	20.5	1
15	16QAM	1	37	19.61	19.47	19.54		
15	16QAM	1	74	19.49	19.40	19.37		
15	16QAM	36	0	18.55	18.45	18.48	19.5	2
15	16QAM	36	20	18.66	18.52	18.57		
15	16QAM	36	39	18.56	18.46	18.45		
15	16QAM	75	0	18.57	18.40	18.43		
15	64QAM	1	0	18.28	18.12	18.06	19.5	2
15	64QAM	1	37	18.33	18.24	18.16		
15	64QAM	1	74	18.20	18.02	18.14		
15	64QAM	36	0	17.46	17.40	17.37	18.5	3
15	64QAM	36	20	17.50	17.50	17.49		
15	64QAM	36	39	17.56	17.48	17.42		
15	64QAM	75	0	17.46	17.45	17.38		
15	256QAM	1	0	15.18	15.15	15.02	16.5	5
15	256QAM	1	37	15.05	15.18	15.18		
15	256QAM	1	74	15.28	15.02	15.11		
15	256QAM	36	0	15.21	15.15	15.20	16.5	5
15	256QAM	36	20	15.20	15.27	15.23		
15	256QAM	36	39	15.28	15.14	15.11		
15	256QAM	75	0	15.28	15.21	15.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.50	20.43	20.37	21.5	0
10	QPSK	1	25	20.55	20.60	20.53		
10	QPSK	1	49	20.54	20.43	20.41		
10	QPSK	25	0	19.46	19.40	19.51	20.5	1
10	QPSK	25	12	19.57	19.66	19.42		
10	QPSK	25	25	19.52	19.43	19.41		
10	QPSK	50	0	19.40	19.58	19.44		
10	16QAM	1	0	19.50	19.29	19.22	20.5	1
10	16QAM	1	25	19.55	19.55	19.52		
10	16QAM	1	49	19.47	19.31	19.36		
10	16QAM	25	0	18.51	18.38	18.41	19.5	2
10	16QAM	25	12	18.63	18.49	18.50		
10	16QAM	25	25	18.46	18.49	18.43		
10	16QAM	50	0	18.49	18.39	18.38		
10	64QAM	1	0	18.26	18.14	18.13	19.5	2
10	64QAM	1	25	18.38	18.29	18.27		
10	64QAM	1	49	18.25	18.06	18.10		
10	64QAM	25	0	17.56	17.33	17.47	18.5	3
10	64QAM	25	12	17.51	17.38	17.44		
10	64QAM	25	25	17.56	17.45	17.44		
10	64QAM	50	0	17.51	17.34	17.51		
10	256QAM	1	0	15.21	15.27	15.13	16.5	5
10	256QAM	1	25	15.09	15.21	15.16		
10	256QAM	1	49	15.23	15.04	15.17		
10	256QAM	25	0	15.13	15.15	15.08	16.5	5
10	256QAM	25	12	15.30	15.16	15.11		
10	256QAM	25	25	15.15	15.21	15.14		
10	256QAM	50	0	15.21	15.08	15.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.49	20.33	20.26	21.5	0
5	QPSK	1	12	20.60	20.64	20.54		
5	QPSK	1	24	20.53	20.44	20.33		
5	QPSK	12	0	19.56	19.37	19.43	20.5	1
5	QPSK	12	7	19.58	19.59	19.46		
5	QPSK	12	13	19.49	19.41	19.48		
5	QPSK	25	0	19.40	19.57	19.41		
5	16QAM	1	0	19.48	19.33	19.20	20.5	1
5	16QAM	1	12	19.65	19.57	19.58		
5	16QAM	1	24	19.44	19.29	19.31		
5	16QAM	12	0	18.51	18.51	18.46	19.5	2
5	16QAM	12	7	18.66	18.50	18.55		
5	16QAM	12	13	18.56	18.37	18.43		
5	16QAM	25	0	18.46	18.48	18.43		
5	64QAM	1	0	18.23	18.09	18.11	19.5	2
5	64QAM	1	12	18.41	18.26	18.21		
5	64QAM	1	24	18.18	18.13	18.13		
5	64QAM	12	0	17.55	17.42	17.47	18.5	3
5	64QAM	12	7	17.60	17.42	17.50		
5	64QAM	12	13	17.49	17.39	17.50		
5	64QAM	25	0	17.46	17.38	17.52		
5	256QAM	1	0	15.18	15.22	15.03	16.5	5
5	256QAM	1	12	15.16	15.11	15.31		
5	256QAM	1	24	15.28	15.02	15.21		
5	256QAM	12	0	15.19	15.10	15.22	16.5	5
5	256QAM	12	7	15.20	15.26	15.24		
5	256QAM	12	13	15.14	15.25	15.06		
5	256QAM	25	0	15.27	15.11	15.20		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.75	24.74	24.71	25.5	0
20	QPSK	1	49	24.94	24.95	24.92		
20	QPSK	1	99	24.85	24.78	24.87		
20	QPSK	50	0	23.83	23.78	23.85	24.5	1
20	QPSK	50	24	23.93	23.95	23.91		
20	QPSK	50	50	23.91	23.84	23.90		
20	QPSK	100	0	23.86	23.88	23.81		
20	16QAM	1	0	23.76	23.70	23.70	24.5	1
20	16QAM	1	49	23.91	23.87	23.88		
20	16QAM	1	99	23.80	23.78	23.80		
20	16QAM	50	0	22.83	22.77	22.87	23.5	2
20	16QAM	50	24	22.93	22.86	22.93		
20	16QAM	50	50	22.89	22.82	22.93		
20	16QAM	100	0	22.84	22.81	22.88		
20	64QAM	1	0	22.47	22.45	22.43	23.5	2
20	64QAM	1	49	22.64	22.63	22.67		
20	64QAM	1	99	22.56	22.51	22.58		
20	64QAM	50	0	21.79	21.76	21.82	22.5	3
20	64QAM	50	24	21.88	21.83	21.91		
20	64QAM	50	50	21.85	21.81	21.87		
20	64QAM	100	0	21.84	21.75	21.83		
20	256QAM	1	0	19.36	19.35	19.37	20.5	5
20	256QAM	1	49	19.40	19.32	19.26		
20	256QAM	1	99	19.39	19.40	19.33		
20	256QAM	50	0	19.29	19.26	19.33	20.5	5
20	256QAM	50	24	19.29	19.34	19.38		
20	256QAM	50	50	19.28	19.35	19.35		
20	256QAM	100	0	19.28	19.36	19.25		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.76	24.70	24.66	25.5	0
15	QPSK	1	37	24.89	24.88	24.93		
15	QPSK	1	74	24.75	24.77	24.83		
15	QPSK	36	0	23.86	23.80	23.78	24.5	1
15	QPSK	36	20	23.96	23.89	23.85		
15	QPSK	36	39	23.90	23.80	23.84		
15	QPSK	75	0	23.91	23.86	23.72		
15	16QAM	1	0	23.68	23.66	23.72	24.5	1
15	16QAM	1	37	23.87	23.92	23.91		
15	16QAM	1	74	23.81	23.75	23.82		
15	16QAM	36	0	22.79	22.76	22.84	23.5	2
15	16QAM	36	20	22.88	22.82	22.94		
15	16QAM	36	39	22.82	22.85	22.93		
15	16QAM	75	0	22.76	22.72	22.85		
15	64QAM	1	0	22.41	22.39	22.43	23.5	2
15	64QAM	1	37	22.59	22.58	22.64		
15	64QAM	1	74	22.52	22.48	22.59		
15	64QAM	36	0	21.77	21.71	21.87	22.5	3
15	64QAM	36	20	21.86	21.84	21.86		
15	64QAM	36	39	21.79	21.79	21.78		
15	64QAM	75	0	21.86	21.74	21.76		
15	256QAM	1	0	19.33	19.33	19.38	20.5	5
15	256QAM	1	37	19.33	19.31	19.25		
15	256QAM	1	74	19.40	19.33	19.24		
15	256QAM	36	0	19.29	19.16	19.33	20.5	5
15	256QAM	36	20	19.22	19.25	19.33		
15	256QAM	36	39	19.32	19.32	19.39		
15	256QAM	75	0	19.28	19.34	19.18		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.77	24.67	24.76	25.5	0
10	QPSK	1	25	24.89	24.87	24.85		
10	QPSK	1	49	24.81	24.83	24.88		
10	QPSK	25	0	23.85	23.70	23.81	24.5	1
10	QPSK	25	12	23.92	24.00	23.93		
10	QPSK	25	25	23.89	23.80	23.92		
10	QPSK	50	0	23.78	23.81	23.83		
10	16QAM	1	0	23.70	23.64	23.60	24.5	1
10	16QAM	1	25	23.89	23.90	23.81		
10	16QAM	1	49	23.85	23.74	23.71		
10	16QAM	25	0	22.74	22.67	22.82	23.5	2
10	16QAM	25	12	22.84	22.89	22.88		
10	16QAM	25	25	22.79	22.82	22.88		
10	16QAM	50	0	22.77	22.72	22.87		
10	64QAM	1	0	22.37	22.40	22.43	23.5	2
10	64QAM	1	25	22.57	22.53	22.62		
10	64QAM	1	49	22.60	22.48	22.57		
10	64QAM	25	0	21.70	21.77	21.72	22.5	3
10	64QAM	25	12	21.87	21.75	21.88		
10	64QAM	25	25	21.77	21.78	21.78		
10	64QAM	50	0	21.77	21.69	21.82		
10	256QAM	1	0	19.30	19.28	19.27	20.5	5
10	256QAM	1	25	19.40	19.26	19.24		
10	256QAM	1	49	19.43	19.38	19.27		
10	256QAM	25	0	19.27	19.22	19.33	20.5	5
10	256QAM	25	12	19.25	19.30	19.43		
10	256QAM	25	25	19.21	19.31	19.25		
10	256QAM	50	0	19.27	19.26	19.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.79	24.72	24.75	25.5	0
5	QPSK	1	12	24.92	24.90	24.82		
5	QPSK	1	24	24.86	24.81	24.84		
5	QPSK	12	0	23.86	23.78	23.79	24.5	1
5	QPSK	12	7	23.90	23.86	23.89		
5	QPSK	12	13	23.93	23.77	23.86		
5	QPSK	25	0	23.76	23.81	23.73		
5	16QAM	1	0	23.72	23.66	23.73	24.5	1
5	16QAM	1	12	23.87	23.88	23.81		
5	16QAM	1	24	23.85	23.69	23.74		
5	16QAM	12	0	22.86	22.80	22.92	23.5	2
5	16QAM	12	7	22.92	22.91	22.87		
5	16QAM	12	13	22.89	22.76	22.97		
5	16QAM	25	0	22.82	22.80	22.81		
5	64QAM	1	0	22.38	22.40	22.46	23.5	2
5	64QAM	1	12	22.63	22.57	22.68		
5	64QAM	1	24	22.52	22.49	22.54		
5	64QAM	12	0	21.80	21.72	21.86	22.5	3
5	64QAM	12	7	21.93	21.78	21.93		
5	64QAM	12	13	21.87	21.77	21.80		
5	64QAM	25	0	21.87	21.74	21.81		
5	256QAM	1	0	19.26	19.27	19.37	20.5	5
5	256QAM	1	12	19.43	19.35	19.19		
5	256QAM	1	24	19.36	19.31	19.31		
5	256QAM	12	0	19.22	19.23	19.24	20.5	5
5	256QAM	12	7	19.19	19.24	19.28		
5	256QAM	12	13	19.20	19.30	19.25		
5	256QAM	25	0	19.31	19.33	19.16		

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BW [MHz]	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	23.52	23.47	23.44	24	0
20	QPSK	1	49	23.64	23.67	23.66		
20	QPSK	1	99	23.59	23.51	23.56		
20	QPSK	50	0	22.55	22.51	22.59	23	1
20	QPSK	50	24	22.59	22.66	22.64		
20	QPSK	50	50	22.53	22.55	22.59		
20	QPSK	100	0	22.44	22.59	22.57		
20	16QAM	1	0	22.50	22.45	22.40	23	1
20	16QAM	1	49	22.67	22.60	22.61		
20	16QAM	1	99	22.56	22.47	22.52		
20	16QAM	50	0	21.56	21.51	21.59	22	2
20	16QAM	50	24	21.68	21.58	21.66		
20	16QAM	50	50	21.62	21.58	21.62		
20	16QAM	100	0	21.58	21.54	21.61		
20	64QAM	1	0	21.24	21.21	21.17	22	2
20	64QAM	1	49	21.37	21.35	21.38		
20	64QAM	1	99	21.28	21.24	21.28		
20	64QAM	50	0	20.51	20.48	20.56	21	3
20	64QAM	50	24	20.61	20.57	20.64		
20	64QAM	50	50	20.60	20.54	20.57		
20	64QAM	100	0	20.56	20.49	20.60		
20	256QAM	1	0	18.03	18.10	18.10	19	5
20	256QAM	1	49	18.10	18.15	18.15		
20	256QAM	1	99	18.03	18.04	18.12		
20	256QAM	50	0	18.03	18.01	18.13	19	5
20	256QAM	50	24	18.07	18.12	18.04		
20	256QAM	50	50	18.08	18.03	18.15		
20	256QAM	100	0	18.04	18.01	18.03		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.46	23.41	23.42	24	0
15	QPSK	1	37	23.62	23.65	23.60		
15	QPSK	1	74	23.57	23.41	23.54		
15	QPSK	36	0	22.46	22.54	22.59	23	1
15	QPSK	36	20	22.57	22.68	22.58		
15	QPSK	36	39	22.57	22.59	22.55		
15	QPSK	75	0	22.47	22.63	22.62		
15	16QAM	1	0	22.44	22.38	22.37	23	1
15	16QAM	1	37	22.61	22.64	22.63		
15	16QAM	1	74	22.53	22.51	22.43		
15	16QAM	36	0	21.57	21.46	21.61	22	2
15	16QAM	36	20	21.62	21.59	21.68		
15	16QAM	36	39	21.58	21.53	21.57		
15	16QAM	75	0	21.54	21.58	21.53		
15	64QAM	1	0	21.23	21.20	21.21	22	2
15	64QAM	1	37	21.33	21.28	21.37		
15	64QAM	1	74	21.29	21.22	21.26		
15	64QAM	36	0	20.41	20.44	20.49	21	3
15	64QAM	36	20	20.56	20.61	20.64		
15	64QAM	36	39	20.53	20.45	20.57		
15	64QAM	75	0	20.46	20.41	20.57		
15	256QAM	1	0	17.95	18.07	18.04	19	5
15	256QAM	1	37	18.10	18.08	18.13		
15	256QAM	1	74	17.94	18.03	18.14		
15	256QAM	36	0	18.06	17.96	18.12	19	5
15	256QAM	36	20	18.11	18.03	18.09		
15	256QAM	36	39	18.09	18.01	18.18		
15	256QAM	75	0	18.07	17.94	18.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.49	23.49	23.45	24	0
10	QPSK	1	25	23.62	23.62	23.58		
10	QPSK	1	49	23.49	23.42	23.54		
10	QPSK	25	0	22.59	22.52	22.50	23	1
10	QPSK	25	12	22.59	22.70	22.54		
10	QPSK	25	25	22.49	22.49	22.59		
10	QPSK	50	0	22.46	22.58	22.62		
10	16QAM	1	0	22.52	22.39	22.33	23	1
10	16QAM	1	25	22.62	22.65	22.63		
10	16QAM	1	49	22.46	22.37	22.49		
10	16QAM	25	0	21.60	21.43	21.63	22	2
10	16QAM	25	12	21.58	21.62	21.60		
10	16QAM	25	25	21.61	21.49	21.63		
10	16QAM	50	0	21.53	21.44	21.66		
10	64QAM	1	0	21.19	21.13	21.13	22	2
10	64QAM	1	25	21.40	21.29	21.31		
10	64QAM	1	49	21.21	21.20	21.29		
10	64QAM	25	0	20.47	20.43	20.52	21	3
10	64QAM	25	12	20.56	20.58	20.59		
10	64QAM	25	25	20.51	20.49	20.50		
10	64QAM	50	0	20.52	20.46	20.64		
10	256QAM	1	0	18.03	18.10	18.11	19	5
10	256QAM	1	25	18.02	18.08	18.12		
10	256QAM	1	49	18.04	17.98	18.05		
10	256QAM	25	0	18.03	17.92	18.04	19	5
10	256QAM	25	12	18.09	18.05	18.07		
10	256QAM	25	25	18.07	18.04	18.09		
10	256QAM	50	0	18.08	17.99	18.00		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.43	23.46	23.49	24	0
5	QPSK	1	12	23.60	23.65	23.66		
5	QPSK	1	24	23.64	23.43	23.61		
5	QPSK	12	0	22.48	22.45	22.59	23	1
5	QPSK	12	7	22.58	22.64	22.68		
5	QPSK	12	13	22.45	22.45	22.52		
5	QPSK	25	0	22.34	22.64	22.47		
5	16QAM	1	0	22.50	22.48	22.45	23	1
5	16QAM	1	12	22.69	22.55	22.55		
5	16QAM	1	24	22.49	22.46	22.47		
5	16QAM	12	0	21.47	21.48	21.60	22	2
5	16QAM	12	7	21.65	21.57	21.58		
5	16QAM	12	13	21.55	21.56	21.62		
5	16QAM	25	0	21.49	21.57	21.63		
5	64QAM	1	0	21.23	21.21	21.19	22	2
5	64QAM	1	12	21.37	21.28	21.29		
5	64QAM	1	24	21.23	21.24	21.28		
5	64QAM	12	0	20.55	20.48	20.55	21	3
5	64QAM	12	7	20.53	20.48	20.63		
5	64QAM	12	13	20.55	20.56	20.54		
5	64QAM	25	0	20.57	20.47	20.51		
5	256QAM	1	0	17.97	18.07	18.01	19	5
5	256QAM	1	12	18.06	18.05	18.18		
5	256QAM	1	24	17.94	17.95	18.06		
5	256QAM	12	0	17.97	17.98	18.05	19	5
5	256QAM	12	7	18.12	18.10	17.94		
5	256QAM	12	13	18.04	17.98	18.05		
5	256QAM	25	0	17.99	17.92	18.01		

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BW [MHz]	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	20.69	20.57	20.54	21.5	0
20	QPSK	1	49	20.82	20.89	20.80		
20	QPSK	1	99	20.77	20.55	20.62		
20	QPSK	50	0	20.66	20.79	20.76	21.5	0
20	QPSK	50	24	20.81	20.85	20.78		
20	QPSK	50	50	20.53	20.73	20.76		
20	QPSK	100	0	20.50	20.80	20.75		
20	16QAM	1	0	20.65	20.52	20.76	21.5	0
20	16QAM	1	49	20.85	20.68	20.66		
20	16QAM	1	99	20.65	20.53	20.54		
20	16QAM	50	0	20.58	20.52	20.50	21.5	0
20	16QAM	50	24	20.66	20.52	20.59		
20	16QAM	50	50	20.61	20.52	20.52		
20	16QAM	100	0	20.61	20.51	20.47		
20	64QAM	1	0	20.81	20.71	20.62	21.5	0
20	64QAM	1	49	20.62	20.77	20.79		
20	64QAM	1	99	20.77	20.64	20.68		
20	64QAM	50	0	20.33	20.32	20.27	21	0.5
20	64QAM	50	24	20.39	20.28	20.34		
20	64QAM	50	50	20.39	20.27	20.27		
20	64QAM	100	0	20.40	20.32	20.25		
20	256QAM	1	0	18.08	18.00	18.02	19	2.5
20	256QAM	1	49	18.27	18.36	18.29		
20	256QAM	1	99	18.25	17.96	18.08		
20	256QAM	50	0	18.10	18.23	18.23	19	2.5
20	256QAM	50	24	18.24	18.30	18.19		
20	256QAM	50	50	17.95	18.24	18.22		
20	256QAM	100	0	17.93	18.26	18.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.63	20.54	20.45	21.5	0
15	QPSK	1	37	20.75	20.78	20.74		
15	QPSK	1	74	20.68	20.53	20.50		
15	QPSK	36	0	20.61	20.78	20.75	21.5	0
15	QPSK	36	20	20.75	20.84	20.74		
15	QPSK	36	39	20.50	20.63	20.73		
15	QPSK	75	0	20.45	20.71	20.70		
15	16QAM	1	0	20.58	20.47	20.69	21.5	0
15	16QAM	1	37	20.81	20.64	20.61		
15	16QAM	1	74	20.61	20.49	20.51		
15	16QAM	36	0	20.48	20.48	20.51	21.5	0
15	16QAM	36	20	20.62	20.44	20.52		
15	16QAM	36	39	20.58	20.43	20.44		
15	16QAM	75	0	20.56	20.48	20.45		
15	64QAM	1	0	20.70	20.64	20.59	21.5	0
15	64QAM	1	37	20.55	20.70	20.75		
15	64QAM	1	74	20.69	20.59	20.59		
15	64QAM	36	0	20.31	20.32	20.24	21	0.5
15	64QAM	36	20	20.37	20.23	20.27		
15	64QAM	36	39	20.34	20.24	20.22		
15	64QAM	75	0	20.35	20.23	20.20		
15	256QAM	1	0	18.00	17.98	17.96	19	2.5
15	256QAM	1	37	18.23	18.29	18.23		
15	256QAM	1	74	18.24	17.86	18.00		
15	256QAM	36	0	18.01	18.21	18.19	19	2.5
15	256QAM	36	20	18.20	18.21	18.14		
15	256QAM	36	39	17.96	18.13	18.16		
15	256QAM	75	0	17.93	18.24	18.20		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.63	20.45	20.46	21.5	0
10	QPSK	1	25	20.81	20.81	20.73		
10	QPSK	1	49	20.66	20.48	20.57		
10	QPSK	25	0	20.55	20.80	20.66	21.5	0
10	QPSK	25	12	20.76	20.82	20.79		
10	QPSK	25	25	20.52	20.67	20.68		
10	QPSK	50	0	20.51	20.79	20.70		
10	16QAM	1	0	20.56	20.47	20.69	21.5	0
10	16QAM	1	25	20.84	20.59	20.63		
10	16QAM	1	49	20.63	20.46	20.49		
10	16QAM	25	0	20.51	20.44	20.50	21.5	0
10	16QAM	25	12	20.61	20.41	20.51		
10	16QAM	25	25	20.52	20.48	20.45		
10	16QAM	50	0	20.61	20.43	20.43		
10	64QAM	1	0	20.72	20.62	20.55	21.5	0
10	64QAM	1	25	20.60	20.70	20.70		
10	64QAM	1	49	20.68	20.57	20.57		
10	64QAM	25	0	20.25	20.25	20.23	21	0.5
10	64QAM	25	12	20.33	20.24	20.26		
10	64QAM	25	25	20.34	20.27	20.25		
10	64QAM	50	0	20.35	20.28	20.14		
10	256QAM	1	0	18.06	17.96	17.97	19	2.5
10	256QAM	1	25	18.27	18.35	18.21		
10	256QAM	1	49	18.19	17.89	18.05		
10	256QAM	25	0	17.99	18.20	18.17	19	2.5
10	256QAM	25	12	18.19	18.28	18.15		
10	256QAM	25	25	17.94	18.18	18.20		
10	256QAM	50	0	17.85	18.27	18.20		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.69	20.47	20.48	21.5	0
5	QPSK	1	12	20.74	20.85	20.76		
5	QPSK	1	24	20.71	20.47	20.55		
5	QPSK	12	0	20.60	20.70	20.68	21.5	0
5	QPSK	12	7	20.81	20.77	20.73		
5	QPSK	12	13	20.48	20.70	20.68		
5	QPSK	25	0	20.41	20.76	20.69		
5	16QAM	1	0	20.53	20.47	20.67	21.5	0
5	16QAM	1	12	20.77	20.62	20.64		
5	16QAM	1	24	20.57	20.52	20.48		
5	16QAM	12	0	20.51	20.48	20.40	21.5	0
5	16QAM	12	7	20.62	20.48	20.53		
5	16QAM	12	13	20.50	20.45	20.48		
5	16QAM	25	0	20.57	20.40	20.41		
5	64QAM	1	0	20.77	20.65	20.57	21.5	0
5	64QAM	1	12	20.59	20.76	20.70		
5	64QAM	1	24	20.69	20.59	20.65		
5	64QAM	12	0	20.24	20.31	20.27	21	0.5
5	64QAM	12	7	20.30	20.23	20.25		
5	64QAM	12	13	20.33	20.21	20.28		
5	64QAM	25	0	20.39	20.21	20.19		
5	256QAM	1	0	18.01	17.94	17.97	19	2.5
5	256QAM	1	12	18.20	18.34	18.29		
5	256QAM	1	24	18.16	17.89	18.06		
5	256QAM	12	0	18.05	18.18	18.11	19	2.5
5	256QAM	12	7	18.18	18.24	18.10		
5	256QAM	12	13	17.88	18.19	18.12		
5	256QAM	25	0	17.94	18.23	18.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.55	20.25	20.45	20.17	20.41	21.5	0
20	QPSK	1	49	20.56	20.44	20.66	20.29	20.43		
20	QPSK	1	99	20.49	20.41	20.44	20.22	20.21		
20	QPSK	50	0	19.51	19.36	19.55	19.23	19.41	20.5	1
20	QPSK	50	24	19.56	19.45	19.63	19.27	19.49		
20	QPSK	50	50	19.55	19.42	19.54	19.22	19.27		
20	QPSK	100	0	19.55	19.42	19.57	19.20	19.35		
20	16QAM	1	0	19.51	19.23	19.42	19.22	19.37	20.5	1
20	16QAM	1	49	19.63	19.43	19.55	19.31	19.41		
20	16QAM	1	99	19.45	19.41	19.42	19.21	19.16		
20	16QAM	50	0	18.51	18.38	18.57	18.24	18.47	19.5	2
20	16QAM	50	24	18.62	18.43	18.59	18.28	18.39		
20	16QAM	50	50	18.61	18.47	18.55	18.21	18.25		
20	16QAM	100	0	18.55	18.41	18.53	18.19	18.36		
20	64QAM	1	0	18.22	17.96	18.16	17.92	18.09	19.5	2
20	64QAM	1	49	18.36	18.15	18.30	18.00	18.11		
20	64QAM	1	99	18.17	18.12	18.13	17.95	17.93		
20	64QAM	50	0	17.47	17.36	17.52	17.20	17.43	18.5	3
20	64QAM	50	24	17.58	17.38	17.55	17.22	17.37		
20	64QAM	50	50	17.58	17.41	17.51	17.18	17.22		
20	64QAM	100	0	17.52	17.38	17.50	17.17	17.32		
20	256QAM	1	0	15.18	15.20	15.22	15.18	15.24	16.5	5
20	256QAM	1	49	15.12	15.20	15.19	15.15	15.13		
20	256QAM	1	99	15.25	15.14	15.13	15.25	15.24		
20	256QAM	50	0	15.25	15.15	15.23	15.12	15.18	16.5	5
20	256QAM	50	24	15.19	15.16	15.19	15.14	15.13		
20	256QAM	50	50	15.21	15.17	15.21	15.23	15.24		
20	256QAM	100	0	15.15	15.19	15.23	15.21	15.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.50	20.09	20.43	20.17	20.46	21.5	0
15	QPSK	1	37	20.56	20.33	20.57	20.27	20.45		
15	QPSK	1	74	20.48	20.15	20.46	20.21	20.20		
15	QPSK	36	0	19.51	19.24	19.46	19.22	19.45	20.5	1
15	QPSK	36	20	19.56	19.31	19.55	19.32	19.49		
15	QPSK	36	39	19.52	19.19	19.44	19.22	19.20		
15	QPSK	75	0	19.62	19.21	19.62	19.13	19.25		
15	16QAM	1	0	19.36	19.18	19.45	19.20	19.36	20.5	1
15	16QAM	1	37	19.60	19.23	19.54	19.24	19.34		
15	16QAM	1	74	19.39	19.13	19.46	19.26	19.14		
15	16QAM	36	0	18.52	18.17	18.60	18.21	18.48	19.5	2
15	16QAM	36	20	18.52	18.26	18.51	18.24	18.36		
15	16QAM	36	39	18.57	18.14	18.45	18.26	18.17		
15	16QAM	75	0	18.46	18.18	18.48	18.11	18.27		
15	64QAM	1	0	18.16	17.83	18.10	17.97	18.03	19.5	2
15	64QAM	1	37	18.27	17.91	18.32	18.03	18.11		
15	64QAM	1	74	18.06	17.90	18.12	17.89	17.84		
15	64QAM	36	0	17.53	17.15	17.46	17.21	17.38	18.5	3
15	64QAM	36	20	17.59	17.20	17.49	17.13	17.33		
15	64QAM	36	39	17.42	17.21	17.56	17.13	17.14		
15	64QAM	75	0	17.43	17.10	17.45	17.14	17.37		
15	256QAM	1	0	15.20	15.20	15.20	15.15	15.27	16.5	5
15	256QAM	1	37	15.11	15.14	15.24	15.15	15.03		
15	256QAM	1	74	15.15	15.27	15.08	15.17	15.21		
15	256QAM	36	0	15.22	15.10	15.22	15.02	15.12	16.5	5
15	256QAM	36	20	15.24	15.15	15.20	15.04	15.09		
15	256QAM	36	39	15.11	15.26	15.15	15.14	15.14		
15	256QAM	75	0	15.22	15.22	15.13	15.20	15.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.49	20.20	20.40	20.17	20.38	21.5	0
10	QPSK	1	25	20.57	20.24	20.64	20.31	20.41		
10	QPSK	1	49	20.40	20.17	20.44	20.20	20.20		
10	QPSK	25	0	19.51	19.16	19.46	19.18	19.44	20.5	1
10	QPSK	25	12	19.53	19.18	19.53	19.24	19.53		
10	QPSK	25	25	19.52	19.25	19.45	19.12	19.28		
10	QPSK	50	0	19.52	19.18	19.55	19.25	19.32		
10	16QAM	1	0	19.36	19.24	19.40	19.19	19.38	20.5	1
10	16QAM	1	25	19.46	19.27	19.46	19.36	19.34		
10	16QAM	1	49	19.45	19.24	19.35	19.21	19.14		
10	16QAM	25	0	18.59	18.20	18.62	18.17	18.52	19.5	2
10	16QAM	25	12	18.54	18.29	18.61	18.20	18.30		
10	16QAM	25	25	18.56	18.13	18.49	18.23	18.23		
10	16QAM	50	0	18.55	18.22	18.53	18.15	18.32		
10	64QAM	1	0	18.08	17.82	18.11	17.85	18.01	19.5	2
10	64QAM	1	25	18.29	18.03	18.24	18.00	18.13		
10	64QAM	1	49	18.10	17.88	18.14	17.93	17.91		
10	64QAM	25	0	17.47	17.12	17.43	17.11	17.46	18.5	3
10	64QAM	25	12	17.51	17.26	17.50	17.13	17.38		
10	64QAM	25	25	17.49	17.15	17.43	17.13	17.25		
10	64QAM	50	0	17.50	17.16	17.54	17.14	17.32		
10	256QAM	1	0	15.26	15.19	15.18	15.22	15.29	16.5	5
10	256QAM	1	25	15.11	15.05	15.21	15.17	15.03		
10	256QAM	1	49	15.06	15.28	15.05	15.26	15.24		
10	256QAM	25	0	15.19	15.14	15.27	15.06	15.23	16.5	5
10	256QAM	25	12	15.12	15.18	15.15	15.13	15.06		
10	256QAM	25	25	15.15	15.23	15.21	15.28	15.19		
10	256QAM	50	0	15.16	15.11	15.27	15.15	15.13		
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	20.48	20.09	20.36	20.21	20.37	21.5	0
5	QPSK	1	12	20.56	20.28	20.35	20.23	20.38		
5	QPSK	1	24	20.48	20.26	20.20	20.22	20.26		
5	QPSK	12	0	19.51	19.28	19.35	19.20	19.39	20.5	1
5	QPSK	12	7	19.59	19.24	19.53	19.29	19.49		
5	QPSK	12	13	19.52	19.18	19.25	19.12	19.28		
5	QPSK	25	0	19.49	19.15	19.26	19.19	19.25		
5	16QAM	1	0	19.40	19.16	19.33	19.16	19.28	20.5	1
5	16QAM	1	12	19.53	19.35	19.45	19.34	19.33		
5	16QAM	1	24	19.38	19.12	19.10	19.11	19.12		
5	16QAM	12	0	18.52	18.25	18.39	18.15	18.49	19.5	2
5	16QAM	12	7	18.61	18.30	18.34	18.22	18.41		
5	16QAM	12	13	18.54	18.11	18.19	18.26	18.27		
5	16QAM	25	0	18.44	18.21	18.36	18.11	18.37		
5	64QAM	1	0	18.09	17.93	18.05	17.84	18.06	19.5	2
5	64QAM	1	12	18.33	17.94	18.11	18.02	18.12		
5	64QAM	1	24	18.11	18.00	17.96	17.91	17.98		
5	64QAM	12	0	17.42	17.15	17.34	17.25	17.38	18.5	3
5	64QAM	12	7	17.45	17.24	17.31	17.27	17.33		
5	64QAM	12	13	17.55	17.21	17.17	17.16	17.24		
5	64QAM	25	0	17.46	17.07	17.31	17.09	17.33		
5	256QAM	1	0	15.17	15.20	15.15	15.23	15.24	16.5	5
5	256QAM	1	12	15.21	15.11	15.16	15.10	15.06		
5	256QAM	1	24	15.18	15.23	15.25	15.18	15.27		
5	256QAM	12	0	15.26	15.12	15.08	15.14	15.18	16.5	5
5	256QAM	12	7	15.18	15.14	15.08	15.16	15.04		
5	256QAM	12	13	15.12	15.21	15.22	15.24	15.23		
5	256QAM	25	0	15.24	15.25	15.17	15.25	15.09		

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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	24.58	24.56	24.77	24.58	24.85	25.5	0
20	QPSK	1	49	24.71	24.64	24.96	24.74	24.90		
20	QPSK	1	99	24.65	24.60	24.82	24.58	24.62		
20	QPSK	50	0	23.57	23.52	23.88	23.69	23.88	24.5	1
20	QPSK	50	24	23.68	23.64	23.96	23.72	23.93		
20	QPSK	50	50	23.67	23.57	23.94	23.64	23.75		
20	QPSK	100	0	23.62	23.58	23.90	23.65	23.83		
20	16QAM	1	0	23.56	23.54	23.73	23.54	23.83	24.5	1
20	16QAM	1	49	23.70	23.60	23.93	23.74	23.88		
20	16QAM	1	99	23.50	23.63	23.79	23.55	23.62		
20	16QAM	50	0	22.56	22.50	22.89	22.67	22.94	23.5	2
20	16QAM	50	24	22.66	22.59	22.94	22.71	22.89		
20	16QAM	50	50	22.66	22.63	22.93	22.63	22.76		
20	16QAM	100	0	22.61	22.57	22.91	22.63	22.85		
20	64QAM	1	0	22.29	22.34	22.48	22.28	22.56	23.5	2
20	64QAM	1	49	22.40	22.31	22.66	22.46	22.64		
20	64QAM	1	99	22.24	22.32	22.53	22.25	22.31		
20	64QAM	50	0	21.55	21.48	21.84	21.65	21.92	22.5	3
20	64QAM	50	24	21.63	21.54	21.89	21.67	21.88		
20	64QAM	50	50	21.62	21.56	21.89	21.61	21.74		
20	64QAM	100	0	21.59	21.55	21.86	21.60	21.84		
20	256QAM	1	0	19.35	19.27	19.37	19.40	19.27	20.5	5
20	256QAM	1	49	19.36	19.35	19.34	19.26	19.33		
20	256QAM	1	99	19.36	19.37	19.39	19.36	19.43		
20	256QAM	50	0	19.40	19.37	19.40	19.42	19.39	20.5	5
20	256QAM	50	24	19.32	19.28	19.35	19.28	19.25		
20	256QAM	50	50	19.45	19.42	19.42	19.36	19.47		
20	256QAM	100	0	19.38	19.39	19.36	19.34	19.30		
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	24.77	24.53	24.89	24.62	24.79	25.5	0
15	QPSK	1	37	24.91	24.76	24.81	24.65	24.95		
15	QPSK	1	74	24.74	24.63	24.57	24.53	24.57		
15	QPSK	36	0	23.79	23.71	23.85	23.63	23.79	24.5	1
15	QPSK	36	20	23.91	23.64	23.93	23.67	23.88		
15	QPSK	36	39	23.91	23.56	23.73	23.69	23.66		
15	QPSK	75	0	23.80	23.67	23.84	23.70	23.87		
15	16QAM	1	0	23.77	23.47	23.73	23.46	23.82	24.5	1
15	16QAM	1	37	23.91	23.75	23.90	23.64	23.85		
15	16QAM	1	74	23.69	23.58	23.55	23.60	23.58		
15	16QAM	36	0	22.87	22.59	22.90	22.70	22.88	23.5	2
15	16QAM	36	20	22.97	22.74	22.88	22.62	22.85		
15	16QAM	36	39	22.86	22.54	22.77	22.56	22.66		
15	16QAM	75	0	22.87	22.67	22.86	22.60	22.79		
15	64QAM	1	0	22.46	22.25	22.59	22.33	22.57	23.5	2
15	64QAM	1	37	22.62	22.36	22.63	22.38	22.56		
15	64QAM	1	74	22.56	22.19	22.28	22.25	22.27		
15	64QAM	36	0	21.84	21.66	21.97	21.69	21.97	22.5	3
15	64QAM	36	20	21.89	21.58	21.87	21.69	21.93		
15	64QAM	36	39	21.86	21.59	21.66	21.65	21.74		
15	64QAM	75	0	21.79	21.59	21.85	21.53	21.83		
15	256QAM	1	0	19.35	19.36	19.29	19.39	19.18	20.5	5
15	256QAM	1	37	19.35	19.30	19.38	19.22	19.27		
15	256QAM	1	74	19.42	19.41	19.44	19.34	19.42		
15	256QAM	36	0	19.38	19.44	19.31	19.35	19.41	20.5	5
15	256QAM	36	20	19.28	19.22	19.15	19.33	19.17		
15	256QAM	36	39	19.43	19.39	19.37	19.32	19.46		
15	256QAM	75	0	19.40	19.33	19.20	19.31	19.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.67	24.56	24.72	24.58	24.79	25.5	0
10	QPSK	1	25	24.95	24.64	24.86	24.76	24.85		
10	QPSK	1	49	24.81	24.53	24.85	24.58	24.65		
10	QPSK	25	0	23.87	23.71	23.80	23.62	23.91	24.5	1
10	QPSK	25	12	23.92	23.73	23.92	23.64	23.83		
10	QPSK	25	25	23.94	23.64	23.88	23.65	23.69		
10	QPSK	50	0	23.90	23.63	23.83	23.69	23.79		
10	16QAM	1	0	23.75	23.52	23.72	23.44	23.87	24.5	1
10	16QAM	1	25	23.84	23.67	23.83	23.67	23.84		
10	16QAM	1	49	23.74	23.54	23.71	23.53	23.67		
10	16QAM	25	0	22.89	22.63	22.82	22.58	22.93	23.5	2
10	16QAM	25	12	22.96	22.66	22.84	22.64	22.81		
10	16QAM	25	25	22.95	22.63	22.85	22.53	22.78		
10	16QAM	50	0	22.91	22.64	22.90	22.60	22.90		
10	64QAM	1	0	22.44	22.24	22.51	22.23	22.50	23.5	2
10	64QAM	1	25	22.63	22.49	22.69	22.44	22.58		
10	64QAM	1	49	22.56	22.20	22.51	22.28	22.28		
10	64QAM	25	0	21.82	21.70	21.83	21.70	21.86	22.5	3
10	64QAM	25	12	21.79	21.65	21.87	21.61	21.80		
10	64QAM	25	25	21.81	21.63	21.91	21.64	21.67		
10	64QAM	50	0	21.78	21.51	21.78	21.58	21.77		
10	256QAM	1	0	19.41	19.36	19.29	19.45	19.28	20.5	5
10	256QAM	1	25	19.26	19.29	19.24	19.27	19.26		
10	256QAM	1	49	19.41	19.27	19.44	19.31	19.46		
10	256QAM	25	0	19.42	19.47	19.41	19.39	19.43	20.5	5
10	256QAM	25	12	19.32	19.25	19.36	19.33	19.30		
10	256QAM	25	25	19.40	19.40	19.46	19.39	19.46		
10	256QAM	50	0	19.37	19.33	19.34	19.32	19.30		
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	24.79	24.51	24.82	24.53	24.89	25.5	0
5	QPSK	1	12	24.87	24.69	24.91	24.65	24.85		
5	QPSK	1	24	24.78	24.60	24.57	24.56	24.60		
5	QPSK	12	0	23.91	23.71	23.82	23.69	23.88	24.5	1
5	QPSK	12	7	23.89	23.72	23.91	23.73	23.98		
5	QPSK	12	13	23.96	23.57	23.73	23.56	23.65		
5	QPSK	25	0	23.81	23.57	23.73	23.63	23.82		
5	16QAM	1	0	23.69	23.57	23.77	23.57	23.73	24.5	1
5	16QAM	1	12	23.92	23.68	23.91	23.64	23.92		
5	16QAM	1	24	23.84	23.57	23.57	23.47	23.64		
5	16QAM	12	0	22.86	22.70	22.89	22.68	22.92	23.5	2
5	16QAM	12	7	22.97	22.75	22.87	22.70	22.84		
5	16QAM	12	13	22.94	22.60	22.72	22.59	22.78		
5	16QAM	25	0	22.96	22.54	22.77	22.61	22.88		
5	64QAM	1	0	22.46	22.31	22.49	22.23	22.55	23.5	2
5	64QAM	1	12	22.70	22.39	22.57	22.38	22.67		
5	64QAM	1	24	22.53	22.22	22.33	22.23	22.34		
5	64QAM	12	0	21.86	21.60	21.85	21.58	21.83	22.5	3
5	64QAM	12	7	21.85	21.61	21.78	21.67	21.84		
5	64QAM	12	13	21.91	21.56	21.67	21.54	21.78		
5	64QAM	25	0	21.89	21.65	21.80	21.62	21.81		
5	256QAM	1	0	19.31	19.33	19.31	19.44	19.18	20.5	5
5	256QAM	1	12	19.29	19.20	19.24	19.30	19.28		
5	256QAM	1	24	19.36	19.38	19.44	19.30	19.40		
5	256QAM	12	0	19.30	19.47	19.31	19.36	19.37	20.5	5
5	256QAM	12	7	19.31	19.20	19.25	19.25	19.17		
5	256QAM	12	13	19.32	19.39	19.37	19.36	19.50		
5	256QAM	25	0	19.30	19.39	19.29	19.35	19.32		

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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	23.36	23.22	23.50	23.26	23.50	24	0
20	QPSK	1	49	23.47	23.37	23.68	23.42	23.55		
20	QPSK	1	99	23.35	23.34	23.57	23.26	23.26		
20	QPSK	50	0	22.35	22.27	22.61	22.36	22.53	23	1
20	QPSK	50	24	22.46	22.36	22.66	22.41	22.57		
20	QPSK	50	50	22.42	22.32	22.65	22.30	22.38		
20	QPSK	100	0	22.40	22.33	22.61	22.31	22.47		
20	16QAM	1	0	22.36	22.09	22.48	22.22	22.50	23	1
20	16QAM	1	49	22.50	22.34	22.54	22.39	22.51		
20	16QAM	1	99	22.32	22.37	22.50	22.21	22.21		
20	16QAM	50	0	21.34	21.26	21.59	21.38	21.58	22	2
20	16QAM	50	24	21.43	21.34	21.65	21.40	21.53		
20	16QAM	50	50	21.46	21.36	21.67	21.32	21.37		
20	16QAM	100	0	21.40	21.31	21.62	21.32	21.47		
20	64QAM	1	0	21.08	20.81	21.20	20.98	21.21	22	2
20	64QAM	1	49	21.17	21.06	21.31	21.11	21.25		
20	64QAM	1	99	21.03	21.05	21.26	20.92	20.97		
20	64QAM	50	0	20.32	20.24	20.57	20.36	20.56	21	3
20	64QAM	50	24	20.42	20.27	20.62	20.36	20.52		
20	64QAM	50	50	20.42	20.32	20.62	20.28	20.35		
20	64QAM	100	0	20.36	20.29	20.60	20.28	20.46		
20	256QAM	1	0	18.03	18.16	18.11	18.12	18.03	19	5
20	256QAM	1	49	17.91	18.02	18.01	17.91	17.95		
20	256QAM	1	99	18.00	17.94	18.01	18.02	18.05	19	5
20	256QAM	50	0	18.11	18.09	18.09	18.07	18.03		
20	256QAM	50	24	18.06	18.14	18.16	18.07	18.13		
20	256QAM	50	50	18.09	18.10	18.15	18.18	18.14		
20	256QAM	100	0	18.06	18.02	18.07	18.04	18.09		
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	23.44	23.18	23.45	23.28	23.42	24	0
15	QPSK	1	37	23.63	23.41	23.65	23.34	23.49		
15	QPSK	1	74	23.55	23.29	23.62	23.26	23.25		
15	QPSK	36	0	22.55	22.29	22.54	22.38	22.51	23	1
15	QPSK	36	20	22.60	22.42	22.59	22.34	22.54		
15	QPSK	36	39	22.57	22.35	22.66	22.30	22.40		
15	QPSK	75	0	22.62	22.25	22.52	22.31	22.42		
15	16QAM	1	0	22.47	22.18	22.43	22.24	22.42	23	1
15	16QAM	1	37	22.62	22.41	22.54	22.39	22.41		
15	16QAM	1	74	22.55	22.18	22.45	22.13	22.25		
15	16QAM	36	0	21.56	21.28	21.60	21.33	21.52	22	2
15	16QAM	36	20	21.56	21.31	21.55	21.33	21.48		
15	16QAM	36	39	21.57	21.37	21.65	21.27	21.39		
15	16QAM	75	0	21.53	21.22	21.54	21.35	21.45		
15	64QAM	1	0	21.10	20.91	21.24	20.96	21.19	22	2
15	64QAM	1	37	21.34	21.16	21.37	21.04	21.24		
15	64QAM	1	74	21.23	20.90	21.23	20.93	20.97		
15	64QAM	36	0	20.59	20.29	20.51	20.32	20.47	21	3
15	64QAM	36	20	20.54	20.28	20.64	20.32	20.44		
15	64QAM	36	39	20.55	20.20	20.66	20.19	20.39		
15	64QAM	75	0	20.50	20.26	20.57	20.21	20.44		
15	256QAM	1	0	18.15	18.07	18.09	18.14	17.94	19	5
15	256QAM	1	37	18.04	17.86	17.94	17.83	17.91		
15	256QAM	1	74	17.94	17.94	17.92	18.07	17.97		
15	256QAM	36	0	18.05	18.12	18.07	18.06	18.08	19	5
15	256QAM	36	20	18.11	18.11	18.14	18.03	18.11		
15	256QAM	36	39	18.11	18.18	18.09	18.11	18.09		
15	256QAM	75	0	18.07	17.97	18.09	18.07	18.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.40	23.20	23.45	23.41	23.52	24	0
10	QPSK	1	25	23.64	23.33	23.45	23.55	23.58		
10	QPSK	1	49	23.60	23.27	23.30	23.22	23.30		
10	QPSK	25	0	22.59	22.33	22.50	22.49	22.57	23	1
10	QPSK	25	12	22.57	22.46	22.49	22.50	22.57		
10	QPSK	25	25	22.69	22.21	22.29	22.37	22.39		
10	QPSK	50	0	22.52	22.30	22.50	22.44	22.41		
10	16QAM	1	0	22.52	22.20	22.42	22.44	22.51	23	1
10	16QAM	1	25	22.56	22.41	22.45	22.54	22.43		
10	16QAM	1	49	22.54	22.14	22.20	22.21	22.25		
10	16QAM	25	0	21.56	21.29	21.54	21.59	21.50	22	2
10	16QAM	25	12	21.65	21.45	21.54	21.57	21.45		
10	16QAM	25	25	21.71	21.35	21.30	21.27	21.33		
10	16QAM	50	0	21.65	21.23	21.44	21.47	21.46		
10	64QAM	1	0	21.14	20.88	21.18	21.24	21.19	22	2
10	64QAM	1	25	21.26	21.11	21.26	21.23	21.25		
10	64QAM	1	49	21.16	20.85	20.90	20.97	20.94		
10	64QAM	25	0	20.59	20.27	20.57	20.53	20.49	21	3
10	64QAM	25	12	20.54	20.41	20.56	20.56	20.55		
10	64QAM	25	25	20.66	20.28	20.52	20.35	20.40		
10	64QAM	50	0	20.64	20.27	20.48	20.47	20.46		
10	256QAM	1	0	18.05	18.03	17.96	18.02	18.05	19	5
10	256QAM	1	25	17.96	17.95	17.90	18.00	17.98		
10	256QAM	1	49	18.05	18.06	18.04	17.99	17.98		
10	256QAM	25	0	18.12	18.03	17.97	18.03	18.08	19	5
10	256QAM	25	12	18.08	18.03	18.08	18.16	18.07		
10	256QAM	25	25	18.18	18.10	18.04	18.06	18.14		
10	256QAM	50	0	17.99	18.03	18.00	18.00	18.04		
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	23.47	23.20	23.45	23.30	23.44	24	0
5	QPSK	1	12	23.66	23.39	23.46	23.43	23.53		
5	QPSK	1	24	23.48	23.31	23.23	23.30	23.31		
5	QPSK	12	0	22.62	22.32	22.55	22.33	22.43	23	1
5	QPSK	12	7	22.68	22.32	22.49	22.38	22.57		
5	QPSK	12	13	22.58	22.29	22.37	22.29	22.41		
5	QPSK	25	0	22.64	22.22	22.42	22.22	22.37		
5	16QAM	1	0	22.45	22.13	22.41	22.12	22.52	23	1
5	16QAM	1	12	22.45	22.35	22.41	22.36	22.49		
5	16QAM	1	24	22.45	22.21	22.26	22.20	22.13		
5	16QAM	12	0	21.52	21.29	21.59	21.36	21.52	22	2
5	16QAM	12	7	21.58	21.36	21.51	21.34	21.52		
5	16QAM	12	13	21.66	21.22	21.31	21.25	21.40		
5	16QAM	25	0	21.63	21.22	21.50	21.31	21.41		
5	64QAM	1	0	21.16	21.03	21.17	21.00	21.20	22	2
5	64QAM	1	12	21.30	21.16	21.17	21.13	21.28		
5	64QAM	1	24	21.20	20.92	20.91	20.97	20.89		
5	64QAM	12	0	20.51	20.29	20.50	20.41	20.55	21	3
5	64QAM	12	7	20.52	20.26	20.50	20.26	20.51		
5	64QAM	12	13	20.57	20.32	20.25	20.27	20.28		
5	64QAM	25	0	20.55	20.18	20.42	20.29	20.45		
5	256QAM	1	0	18.11	18.11	18.07	18.08	18.06	19	5
5	256QAM	1	12	17.91	17.89	17.95	17.96	17.99		
5	256QAM	1	24	18.06	18.02	17.99	18.00	18.07		
5	256QAM	12	0	18.10	18.11	18.03	18.01	18.04	19	5
5	256QAM	12	7	18.07	18.06	18.07	18.08	18.09		
5	256QAM	12	13	18.20	18.22	18.04	18.21	18.04		
5	256QAM	25	0	18.03	18.02	18.10	18.03	18.06		

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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	20.76	20.64	20.85	20.55	20.68	21.5	0
20	QPSK	1	49	20.95	20.82	20.97	20.58	20.73		
20	QPSK	1	99	20.75	20.80	20.85	20.49	20.50		
20	QPSK	50	0	20.67	20.59	20.84	20.47	20.70	21.5	0
20	QPSK	50	24	20.79	20.74	20.91	20.50	20.72		
20	QPSK	50	50	20.76	20.71	20.90	20.43	20.55		
20	QPSK	100	0	20.73	20.66	20.82	20.47	20.62		
20	16QAM	1	0	20.79	20.64	20.86	20.57	20.70	21.5	0
20	16QAM	1	49	20.94	20.82	20.91	20.69	20.82		
20	16QAM	1	99	20.80	20.91	20.87	20.50	20.46		
20	16QAM	50	0	20.66	20.67	20.89	20.51	20.72	21.5	0
20	16QAM	50	24	20.77	20.75	20.92	20.57	20.68		
20	16QAM	50	50	20.80	20.74	20.94	20.46	20.56		
20	16QAM	100	0	20.73	20.69	20.88	20.49	20.63		
20	64QAM	1	0	20.82	20.66	20.92	20.64	20.77	21.5	0
20	64QAM	1	49	20.89	20.84	20.85	20.74	20.79		
20	64QAM	1	99	20.81	20.89	20.87	20.53	20.49		
20	64QAM	50	0	19.84	19.78	20.08	19.70	19.85	21	0.5
20	64QAM	50	24	19.95	19.89	20.06	19.71	19.83		
20	64QAM	50	50	19.94	19.88	19.96	19.61	19.69		
20	64QAM	100	0	19.92	19.86	20.06	19.61	19.76		
20	256QAM	1	0	18.21	18.07	18.30	18.02	18.11	19	2.5
20	256QAM	1	49	18.36	18.26	18.45	18.04	18.17		
20	256QAM	1	99	18.18	18.22	18.30	18.05	17.99	19	2.5
20	256QAM	50	0	18.14	18.07	18.27	17.97	18.15		
20	256QAM	50	24	18.19	18.23	18.41	17.98	18.16		
20	256QAM	50	50	18.23	18.11	18.40	17.95	17.98		
20	256QAM	100	0	18.18	18.11	18.28	17.96	18.06		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.67	20.58	20.77	20.48	20.56	21.5	0
15	QPSK	1	37	20.83	20.76	20.95	20.49	20.61		
15	QPSK	1	74	20.72	20.68	20.77	20.48	20.46		
15	QPSK	36	0	20.62	20.52	20.82	20.40	20.65	21.5	0
15	QPSK	36	20	20.75	20.72	20.88	20.44	20.67		
15	QPSK	36	39	20.72	20.66	20.87	20.45	20.51		
15	QPSK	75	0	20.64	20.64	20.79	20.41	20.55		
15	16QAM	1	0	20.75	20.60	20.84	20.55	20.58	21.5	0
15	16QAM	1	37	20.83	20.72	20.82	20.65	20.76		
15	16QAM	1	74	20.76	20.92	20.77	20.50	20.46		
15	16QAM	36	0	20.54	20.62	20.86	20.40	20.66	21.5	0
15	16QAM	36	20	20.71	20.67	20.83	20.55	20.57		
15	16QAM	36	39	20.76	20.68	20.83	20.38	20.45		
15	16QAM	75	0	20.65	20.59	20.79	20.40	20.59		
15	64QAM	1	0	20.72	20.63	20.93	20.54	20.73	21.5	0
15	64QAM	1	37	20.82	20.78	20.83	20.69	20.73		
15	64QAM	1	74	20.75	20.87	20.81	20.49	20.47		
15	64QAM	36	0	19.73	19.69	20.06	19.62	19.81	21	0.5
15	64QAM	36	20	19.90	19.87	20.06	19.67	19.81		
15	64QAM	36	39	19.86	19.83	19.93	19.57	19.63		
15	64QAM	75	0	19.84	19.74	19.98	19.58	19.69		
15	256QAM	1	0	18.10	18.00	18.28	17.96	18.02	19	2.5
15	256QAM	1	37	18.29	18.21	18.41	17.93	18.11		
15	256QAM	1	74	18.12	18.16	18.25	17.96	17.96		
15	256QAM	36	0	18.06	18.07	18.24	17.96	18.10	19	2.5
15	256QAM	36	20	18.15	18.21	18.35	17.90	18.12		
15	256QAM	36	39	18.17	18.04	18.31	17.89	17.91		
15	256QAM	75	0	18.16	18.00	18.22	17.92	18.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.73	20.59	20.77	20.47	20.68	21.5	0
10	QPSK	1	25	20.87	20.77	20.90	20.52	20.72		
10	QPSK	1	49	20.65	20.81	20.75	20.47	20.47		
10	QPSK	25	0	20.61	20.51	20.72	20.42	20.60	21.5	0
10	QPSK	25	12	20.73	20.68	20.81	20.39	20.62		
10	QPSK	25	25	20.71	20.67	20.85	20.37	20.45		
10	QPSK	50	0	20.65	20.60	20.77	20.47	20.59		
10	16QAM	1	0	20.69	20.54	20.81	20.48	20.61	21.5	0
10	16QAM	1	25	20.85	20.75	20.82	20.62	20.76		
10	16QAM	1	49	20.68	20.85	20.85	20.46	20.38		
10	16QAM	25	0	20.62	20.65	20.80	20.47	20.71	21.5	0
10	16QAM	25	12	20.74	20.71	20.87	20.52	20.62		
10	16QAM	25	25	20.79	20.73	20.87	20.38	20.56		
10	16QAM	50	0	20.66	20.62	20.85	20.39	20.59		
10	64QAM	1	0	20.78	20.63	20.88	20.60	20.74	21.5	0
10	64QAM	1	25	20.86	20.82	20.78	20.73	20.72		
10	64QAM	1	49	20.77	20.79	20.81	20.45	20.41		
10	64QAM	25	0	19.78	19.66	20.02	19.64	19.82	21	0.5
10	64QAM	25	12	19.94	19.85	19.97	19.60	19.77		
10	64QAM	25	25	19.90	19.86	19.89	19.55	19.63		
10	64QAM	50	0	19.87	19.78	20.01	19.52	19.72		
10	256QAM	1	0	18.15	18.04	18.23	17.96	18.07	19	2.5
10	256QAM	1	25	18.34	18.19	18.39	17.98	18.08		
10	256QAM	1	49	18.15	18.14	18.27	17.97	17.95		
10	256QAM	25	0	18.09	17.96	18.19	17.95	18.13	19	2.5
10	256QAM	25	12	18.10	18.16	18.37	17.92	18.11		
10	256QAM	25	25	18.17	18.11	18.39	17.92	17.97		
10	256QAM	50	0	18.09	18.04	18.20	17.92	18.05		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	20.70	20.61	20.79	20.47	20.63	21.5	0
5	QPSK	1	12	20.90	20.76	20.88	20.48	20.65		
5	QPSK	1	24	20.71	20.76	20.73	20.45	20.40		
5	QPSK	12	0	20.61	20.55	20.84	20.47	20.65	21.5	0
5	QPSK	12	7	20.73	20.75	20.85	20.50	20.63		
5	QPSK	12	13	20.70	20.66	20.89	20.47	20.48		
5	QPSK	25	0	20.66	20.59	20.79	20.42	20.57		
5	16QAM	1	0	20.71	20.59	20.77	20.48	20.67	21.5	0
5	16QAM	1	12	20.92	20.78	20.83	20.60	20.79		
5	16QAM	1	24	20.76	20.86	20.82	20.45	20.44		
5	16QAM	12	0	20.57	20.62	20.88	20.48	20.67	21.5	0
5	16QAM	12	7	20.78	20.71	20.90	20.48	20.64		
5	16QAM	12	13	20.76	20.67	20.89	20.41	20.50		
5	16QAM	25	0	20.70	20.58	20.81	20.43	20.57		
5	64QAM	1	0	20.71	20.60	20.89	20.59	20.72	21.5	0
5	64QAM	1	12	20.87	20.83	20.80	20.66	20.77		
5	64QAM	1	24	20.76	20.86	20.85	20.47	20.43		
5	64QAM	12	0	19.79	19.74	20.02	19.63	19.85	21	0.5
5	64QAM	12	7	19.85	19.84	19.99	19.60	19.80		
5	64QAM	12	13	19.88	19.84	19.91	19.62	19.63		
5	64QAM	25	0	19.84	19.74	19.98	19.56	19.71		
5	256QAM	1	0	18.18	18.00	18.29	17.98	18.05	19	2.5
5	256QAM	1	12	18.32	18.23	18.40	17.98	18.14		
5	256QAM	1	24	18.16	18.16	18.31	18.02	17.96		
5	256QAM	12	0	18.13	18.06	18.22	17.92	18.12	19	2.5
5	256QAM	12	7	18.10	18.16	18.41	17.95	18.04		
5	256QAM	12	13	18.16	18.06	18.34	17.95	17.94		
5	256QAM	25	0	18.13	18.04	18.19	17.95	17.97		

Reduced Power Mode for Main PA DSI4

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	32.19	32.28	32.21	33.50	23.19	23.28	23.21	24.50
GPRS 1 Tx slot	32.29	32.33	32.29	33.50	23.39	23.33	23.29	24.50
GPRS 2 Tx slots	31.51	31.56	31.53	32.50	25.51	25.56	25.53	26.50
GPRS 3 Tx slots	29.75	29.74	29.77	30.50	25.49	25.48	25.51	26.24
GPRS 4 Tx slots	28.62	28.65	28.60	29.50	25.62	25.65	25.60	26.50
EDGE 1 Tx slot	27.24	27.12	27.14	28.00	18.24	18.12	18.14	19.00
EDGE 2 Tx slots	26.29	26.14	26.22	27.00	20.29	20.14	20.22	21.00
EDGE 3 Tx slots	24.31	24.12	24.22	25.00	20.05	19.86	19.96	20.74
EDGE 4 Tx slots	23.10	22.87	23.10	24.00	20.10	19.87	20.10	21.00

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	30.26	30.32	30.20	31.00	21.26	21.32	21.20	22.00
GPRS 1 Tx slot	30.30	30.34	30.24	31.00	21.30	21.34	21.24	22.00
GPRS 2 Tx slots	29.30	29.31	29.19	30.00	23.30	23.31	23.19	24.00
GPRS 3 Tx slots	27.24	27.24	27.09	28.00	22.98	22.98	22.83	23.74
GPRS 4 Tx slots	26.55	26.57	26.41	27.00	23.55	23.57	23.41	24.00
EDGE 1 Tx slot	24.88	24.89	24.73	25.50	15.88	15.89	15.73	16.50
EDGE 2 Tx slots	23.83	23.81	23.65	24.50	17.83	17.81	17.65	18.50
EDGE 3 Tx slots	21.12	21.11	20.94	22.50	16.86	16.85	16.68	18.24
EDGE 4 Tx slots	20.23	20.21	20.03	21.50	17.23	17.21	17.03	18.50

GSM1900_Ant 3	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	24.57	24.64	24.55	25.00	15.57	15.64	15.55	16.00
GPRS 1 Tx slot	24.64	24.67	24.65	25.00	15.64	15.67	15.65	16.00
GPRS 2 Tx slots	23.60	23.62	23.59	24.50	17.60	17.62	17.59	18.50
GPRS 3 Tx slots	21.54	21.59	21.56	22.50	17.28	17.33	17.30	18.24
GPRS 4 Tx slots	20.57	20.61	20.59	21.50	17.57	17.61	17.59	18.50
EDGE 1 Tx slot	20.47	20.48	20.43	21.00	11.47	11.48	11.43	12.00
EDGE 2 Tx slots	19.41	19.40	19.38	20.00	13.41	13.40	13.38	14.00
EDGE 3 Tx slots	17.15	17.16	17.14	17.50	12.89	12.90	12.88	13.24
EDGE 4 Tx slots	15.81	15.79	15.79	16.50	12.81	12.79	12.79	13.50

GSM1900_Ant 4	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.52	27.58	27.51	27.70	18.52	18.58	18.51	18.70
GPRS 1 Tx slot	27.57	27.60	27.58	27.70	18.57	18.60	18.58	18.70
GPRS 2 Tx slots	27.05	27.06	27.05	27.20	21.05	21.06	21.05	21.20
GPRS 3 Tx slots	24.64	24.66	24.65	25.20	20.38	20.40	20.39	20.94
GPRS 4 Tx slots	23.60	23.63	23.59	24.20	20.60	20.63	20.59	21.20
EDGE 1 Tx slot	23.59	23.62	23.63	23.70	14.59	14.62	14.63	14.70
EDGE 2 Tx slots	22.39	22.40	22.40	22.70	16.39	16.40	16.40	16.70
EDGE 3 Tx slots	19.88	19.87	19.87	20.20	15.62	15.61	15.61	15.94
EDGE 4 Tx slots	18.91	18.87	18.84	19.20	15.91	15.87	15.84	16.20

Band		WCDMA II_Ant 3			Tune-up Limit (dBm)	WCDMA II_Ant 4			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		9262	9400	9538	
Rx Channel		9662	9800	9938		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	17.47	17.49	17.39	18.00	20.48	20.46	20.46	20.70
3GPP Rel 99	RMC 12.2Kbps	17.51	17.57	17.44	18.00	20.52	20.56	20.49	20.70
3GPP Rel 6	HSDPA Subtest-1	16.52	16.47	16.47	17.00	19.57	19.51	19.49	19.70
3GPP Rel 6	HSDPA Subtest-2	16.53	16.46	16.47	17.00	19.60	19.54	19.52	19.70
3GPP Rel 6	HSDPA Subtest-3	16.07	16.02	16.02	16.50	19.11	19.04	19.01	19.20
3GPP Rel 6	HSDPA Subtest-4	16.03	15.95	15.96	16.50	19.05	18.99	18.99	19.20
3GPP Rel 8	DC-HSDPA Subtest-1	16.42	16.40	16.43	17.00	19.50	19.49	19.43	20.70
3GPP Rel 8	DC-HSDPA Subtest-2	16.42	16.39	16.43	17.00	19.59	19.42	19.48	20.70
3GPP Rel 8	DC-HSDPA Subtest-3	16.00	15.97	16.01	16.50	19.06	19.03	18.91	19.20
3GPP Rel 8	DC-HSDPA Subtest-4	15.98	15.85	15.89	16.50	19.03	18.91	18.98	19.20
3GPP Rel 6	HSUPA Subtest-1	14.55	14.56	14.51	15.00	17.67	17.63	17.48	17.70
3GPP Rel 6	HSUPA Subtest-2	14.52	14.50	14.48	15.00	17.66	17.62	17.40	17.70
3GPP Rel 6	HSUPA Subtest-3	15.60	15.62	15.53	16.00	18.53	18.46	18.45	18.70
3GPP Rel 6	HSUPA Subtest-4	14.04	14.08	14.00	14.50	17.16	17.17	17.11	17.20
3GPP Rel 6	HSUPA Subtest-5	15.50	15.50	15.50	16.00	18.50	18.40	18.40	18.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.02	14.02	13.97	14.50	17.11	17.12	17.03	17.20

Band		WCDMA IV_Ant 3			Tune-up Limit (dBm)	WCDMA IV_Ant 4			Tune-up Limit (dBm)
TX Channel		1312	1413	1513		1312	1413	1513	
Rx Channel		1537	1638	1738		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	17.70	17.77	17.78	18.50	20.90	20.89	20.84	21.20
3GPP Rel 99	RMC 12.2Kbps	17.81	17.83	17.82	18.50	20.92	20.95	20.91	21.20
3GPP Rel 6	HSDPA Subtest-1	16.80	16.80	16.81	17.50	19.92	19.89	20.01	20.20
3GPP Rel 6	HSDPA Subtest-2	16.77	16.82	16.80	17.50	19.94	19.92	20.00	20.20
3GPP Rel 6	HSDPA Subtest-3	16.31	16.37	16.33	17.00	19.48	19.44	19.54	19.70
3GPP Rel 6	HSDPA Subtest-4	16.30	16.33	16.30	17.00	19.47	19.37	19.52	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	16.76	16.70	16.74	17.00	19.86	19.77	19.91	20.20
3GPP Rel 8	DC-HSDPA Subtest-2	16.68	16.74	16.75	17.00	19.86	19.87	19.94	20.20
3GPP Rel 8	DC-HSDPA Subtest-3	16.29	16.31	16.31	16.50	19.36	19.38	19.48	19.70
3GPP Rel 8	DC-HSDPA Subtest-4	16.24	16.24	16.23	16.50	19.40	19.29	19.45	19.70
3GPP Rel 6	HSUPA Subtest-1	14.85	15.35	14.98	15.50	18.06	18.06	18.17	18.20
3GPP Rel 6	HSUPA Subtest-2	14.78	14.77	14.88	15.50	18.09	18.07	18.15	18.20
3GPP Rel 6	HSUPA Subtest-3	15.82	15.80	15.94	16.50	18.96	18.95	19.02	19.20
3GPP Rel 6	HSUPA Subtest-4	14.24	14.26	14.42	15.00	17.62	17.59	17.69	17.70
3GPP Rel 6	HSUPA Subtest-5	15.93	15.70	15.80	16.50	18.90	18.90	19.00	19.20
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	14.25	14.19	14.37	15.00	17.58	17.58	17.69	17.70

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	23.86	23.81	23.83	25.00	22.02	22.07	22.07	23.00
3GPP Rel 99	RMC 12.2Kbps	23.89	23.91	23.88	25.00	22.08	22.12	22.11	23.00
3GPP Rel 6	HSDPA Subtest-1	22.91	22.88	22.83	24.00	20.89	20.89	20.90	22.00
3GPP Rel 6	HSDPA Subtest-2	22.92	22.89	22.89	24.00	20.90	20.89	20.90	22.00
3GPP Rel 6	HSDPA Subtest-3	22.45	22.39	22.42	23.50	20.60	20.62	20.47	21.50
3GPP Rel 6	HSDPA Subtest-4	22.43	22.34	22.34	23.50	20.59	20.57	20.48	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.83	22.80	22.75	24.00	20.81	20.86	20.84	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.84	22.81	22.81	24.00	20.81	20.85	20.89	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.37	22.31	22.34	23.50	20.53	20.56	20.43	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.35	22.26	22.26	23.50	20.53	20.53	20.48	21.50
3GPP Rel 6	HSUPA Subtest-1	20.86	20.83	20.86	22.00	19.04	19.06	19.10	20.00
3GPP Rel 6	HSUPA Subtest-2	20.89	20.85	20.85	22.00	19.05	19.06	19.06	20.00
3GPP Rel 6	HSUPA Subtest-3	21.95	21.91	21.90	23.00	20.07	20.10	20.12	21.00
3GPP Rel 6	HSUPA Subtest-4	20.62	20.57	20.39	21.50	18.60	18.62	18.58	19.50
3GPP Rel 6	HSUPA Subtest-5	21.98	21.93	21.88	23.00	20.10	20.10	20.10	21.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.04	20.02	19.95	21.00	18.02	18.07	18.05	19.00

Band 2 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	16.75	16.83	16.71		
20	QPSK	1	49	16.77	16.85	16.75	18	0
20	QPSK	1	99	16.52	16.44	16.53		
20	QPSK	50	0	16.81	16.75	16.74		
20	QPSK	50	24	16.82	16.83	16.76	18	0
20	QPSK	50	50	16.80	16.66	16.70		
20	QPSK	100	0	16.77	16.81	16.74		
20	16QAM	1	0	16.76	16.81	16.67		
20	16QAM	1	49	16.83	16.84	16.84	18	0
20	16QAM	1	99	16.84	16.77	16.77		
20	16QAM	50	0	16.77	16.78	16.81		
20	16QAM	50	24	16.81	16.77	16.79	18	0
20	16QAM	50	50	16.75	16.75	16.71		
20	16QAM	100	0	16.70	16.71	16.72		
20	64QAM	1	0	16.82	16.74	16.61		
20	64QAM	1	49	16.79	16.75	16.74	18	0
20	64QAM	1	99	16.48	16.51	16.41		
20	64QAM	50	0	16.71	16.74	16.78		
20	64QAM	50	24	16.74	16.72	16.74	18	0
20	64QAM	50	50	16.81	16.64	16.64		
20	64QAM	100	0	16.76	16.68	16.72		
20	256QAM	1	0	16.73	16.77	16.59		
20	256QAM	1	49	16.74	16.82	16.69	18	0
20	256QAM	1	99	16.45	16.40	16.52		
20	256QAM	50	0	16.76	16.75	16.65		
20	256QAM	50	24	16.80	16.78	16.69	18	0
20	256QAM	50	50	16.72	16.54	16.70		
20	256QAM	100	0	16.69	16.73	16.64		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.70	16.78	16.66		
15	QPSK	1	37	16.72	16.82	16.71	18	0
15	QPSK	1	74	16.50	16.40	16.47		
15	QPSK	36	0	16.81	16.70	16.73		
15	QPSK	36	20	16.70	16.79	16.71	18	0
15	QPSK	36	39	16.74	16.67	16.60		
15	QPSK	75	0	16.76	16.76	16.66		
15	16QAM	1	0	16.75	16.59	16.59		
15	16QAM	1	37	16.76	16.79	16.81	18	0
15	16QAM	1	74	16.79	16.72	16.72		
15	16QAM	36	0	16.72	16.75	16.74		
15	16QAM	36	20	16.72	16.75	16.74	18	0
15	16QAM	36	39	16.76	16.65	16.66		
15	16QAM	75	0	16.64	16.63	16.67		
15	64QAM	1	0	16.71	16.63	16.57		
15	64QAM	1	37	16.74	16.66	16.69	18	0
15	64QAM	1	74	16.46	16.39	16.41		
15	64QAM	36	0	16.69	16.69	16.68		
15	64QAM	36	20	16.69	16.63	16.70	18	0
15	64QAM	36	39	16.82	16.58	16.64		
15	64QAM	75	0	16.74	16.64	16.66		
15	256QAM	1	0	16.70	16.66	16.53	18	0
15	256QAM	1	37	16.69	16.78	16.63		
15	256QAM	1	74	16.36	16.35	16.50		
15	256QAM	36	0	16.70	16.70	16.61		
15	256QAM	36	20	16.77	16.75	16.68	18	0
15	256QAM	36	39	16.60	16.48	16.64		
15	256QAM	75	0	16.65	16.68	16.58		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.66	16.79	16.64		
10	QPSK	1	25	16.73	16.79	16.70	18	0
10	QPSK	1	49	16.44	16.39	16.44		
10	QPSK	25	0	16.72	16.72	16.72		
10	QPSK	25	12	16.77	16.78	16.69	18	0
10	QPSK	25	25	16.73	16.58	16.61		
10	QPSK	50	0	16.73	16.75	16.71		
10	16QAM	1	0	16.77	16.68	16.77		
10	16QAM	1	25	16.79	16.78	16.74	18	0
10	16QAM	1	49	16.73	16.78	16.73		
10	16QAM	25	0	16.69	16.76	16.76		
10	16QAM	25	12	16.70	16.78	16.70	18	0
10	16QAM	25	25	16.74	16.68	16.71		
10	16QAM	50	0	16.61	16.67	16.68		
10	64QAM	1	0	16.81	16.73	16.55		
10	64QAM	1	25	16.76	16.75	16.72	18	0
10	64QAM	1	49	16.45	16.46	16.38		
10	64QAM	25	0	16.68	16.70	16.72		
10	64QAM	25	12	16.68	16.67	16.69	18	0
10	64QAM	25	25	16.73	16.56	16.58		
10	64QAM	50	0	16.66	16.59	16.69		
10	256QAM	1	0	16.65	16.74	16.55		
10	256QAM	1	25	16.70	16.83	16.61	18	0
10	256QAM	1	49	16.37	16.41	16.49		
10	256QAM	25	0	16.68	16.69	16.60		
10	256QAM	25	12	16.75	16.72	16.63	18	0
10	256QAM	25	25	16.62	16.51	16.63		
10	256QAM	50	0	16.64	16.66	16.58		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.66	16.76	16.62		
5	QPSK	1	12	16.72	16.83	16.63	18	0
5	QPSK	1	24	16.42	16.34	16.50		
5	QPSK	12	0	16.73	16.76	16.72		
5	QPSK	12	7	16.72	16.77	16.76	18	0
5	QPSK	12	13	16.78	16.62	16.69		
5	QPSK	25	0	16.76	16.78	16.65		
5	16QAM	1	0	16.70	16.77	16.61		
5	16QAM	1	12	16.75	16.72	16.80	18	0
5	16QAM	1	24	16.78	16.75	16.78		
5	16QAM	12	0	16.77	16.71	16.74		
5	16QAM	12	7	16.73	16.80	16.77	18	0
5	16QAM	12	13	16.72	16.68	16.68		
5	16QAM	25	0	16.71	16.64	16.64		
5	64QAM	1	0	16.79	16.71	16.53		
5	64QAM	1	12	16.80	16.85	16.74	18	0
5	64QAM	1	24	16.40	16.42	16.32		
5	64QAM	12	0	16.66	16.71	16.74		
5	64QAM	12	7	16.70	16.65	16.72	18	0
5	64QAM	12	13	16.73	16.58	16.59		
5	64QAM	25	0	16.73	16.62	16.70		
5	256QAM	1	0	16.69	16.72	16.52		
5	256QAM	1	12	16.63	16.75	16.65	18	0
5	256QAM	1	24	16.37	16.34	16.46		
5	256QAM	12	0	16.70	16.64	16.57		
5	256QAM	12	7	16.78	16.71	16.62	18	0
5	256QAM	12	13	16.62	16.50	16.66		
5	256QAM	25	0	16.68	16.62	16.52		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.75	16.73	16.65		
3	QPSK	1	8	16.76	16.77	16.72	18	0
3	QPSK	1	14	16.47	16.48	16.49		
3	QPSK	8	0	16.74	16.73	16.69		
3	QPSK	8	4	16.80	16.77	16.76	18	0
3	QPSK	8	7	16.69	16.56	16.62		
3	QPSK	15	0	16.73	16.60	16.64		
3	16QAM	1	0	16.74	16.81	16.62		
3	16QAM	1	8	16.83	16.75	16.77	18	0
3	16QAM	1	14	16.78	16.69	16.73		
3	16QAM	8	0	16.75	16.73	16.73		
3	16QAM	8	4	16.70	16.69	16.72	18	0
3	16QAM	8	7	16.75	16.73	16.68		
3	16QAM	15	0	16.69	16.62	16.63		
3	64QAM	1	0	16.74	16.67	16.57		
3	64QAM	1	8	16.74	16.65	16.61	18	0
3	64QAM	1	14	16.46	16.41	16.32		
3	64QAM	8	0	16.65	16.68	16.76		
3	64QAM	8	4	16.68	16.62	16.62	18	0
3	64QAM	8	7	16.77	16.56	16.56		
3	64QAM	15	0	16.67	16.62	16.67		
3	256QAM	1	0	16.63	16.70	16.50		
3	256QAM	1	8	16.67	16.78	16.63	18	0
3	256QAM	1	14	16.41	16.48	16.48		
3	256QAM	8	0	16.74	16.65	16.61		
3	256QAM	8	4	16.70	16.68	16.67	18	0
3	256QAM	8	7	16.72	16.50	16.66		
3	256QAM	15	0	16.66	16.68	16.57		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.73	16.74	16.67		
1.4	QPSK	1	3	16.72	16.80	16.67		
1.4	QPSK	1	5	16.46	16.36	16.50	18	0
1.4	QPSK	3	0	16.74	16.72	16.73		
1.4	QPSK	3	1	16.78	16.79	16.71		
1.4	QPSK	3	3	16.68	16.55	16.67		
1.4	QPSK	6	0	16.67	16.62	16.62	18	0
1.4	16QAM	1	0	16.71	16.78	16.56		
1.4	16QAM	1	3	16.78	16.77	16.77		
1.4	16QAM	1	5	16.81	16.71	16.74	18	0
1.4	16QAM	3	0	16.68	16.67	16.77		
1.4	16QAM	3	1	16.71	16.69	16.73		
1.4	16QAM	3	3	16.76	16.71	16.69		
1.4	16QAM	6	0	16.64	16.68	16.69	18	0
1.4	64QAM	1	0	16.63	16.66	16.66		
1.4	64QAM	1	3	16.77	16.75	16.68		
1.4	64QAM	1	5	16.44	16.47	16.40	18	0
1.4	64QAM	3	0	16.66	16.72	16.73		
1.4	64QAM	3	1	16.68	16.68	16.68		
1.4	64QAM	3	3	16.71	16.56	16.64		
1.4	64QAM	6	0	16.73	16.65	16.66	18	0
1.4	256QAM	1	0	16.68	16.73	16.50		
1.4	256QAM	1	3	16.68	16.78	16.68		
1.4	256QAM	1	5	16.36	16.35	16.52	18	0
1.4	256QAM	3	0	16.73	16.64	16.61		
1.4	256QAM	3	1	16.75	16.72	16.62		
1.4	256QAM	3	3	16.65	16.52	16.67		
1.4	256QAM	6	0	16.62	16.68	16.61	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	20.59	20.58	20.57		
20	QPSK	1	49	20.68	20.71	20.67	21.7	0
20	QPSK	1	99	20.46	20.44	20.36		
20	QPSK	50	0	20.65	20.62	20.63		
20	QPSK	50	24	20.68	20.70	20.64	21.7	0
20	QPSK	50	50	20.58	20.56	20.62		
20	QPSK	100	0	20.61	20.65	20.64		
20	16QAM	1	0	20.57	20.59	20.43		
20	16QAM	1	49	20.53	20.56	20.56	21.7	0
20	16QAM	1	99	20.38	20.36	20.33		
20	16QAM	50	0	20.49	20.68	20.39		
20	16QAM	50	24	20.63	20.67	20.59	21.7	0
20	16QAM	50	50	20.52	20.54	20.60		
20	16QAM	100	0	20.64	20.55	20.63		
20	64QAM	1	0	20.59	20.61	20.53		
20	64QAM	1	49	20.44	20.63	20.65	21.7	0
20	64QAM	1	99	20.47	20.65	20.51		
20	64QAM	50	0	20.15	20.23	20.16		
20	64QAM	50	24	20.18	20.12	20.18	21.2	0.5
20	64QAM	50	50	20.22	20.06	20.02		
20	64QAM	100	0	20.22	20.14	20.08		
20	256QAM	1	0	18.02	18.00	18.01		
20	256QAM	1	49	18.14	18.09	18.01	19.2	2.5
20	256QAM	1	99	17.95	17.92	17.77		
20	256QAM	50	0	18.09	18.06	18.12		
20	256QAM	50	24	18.10	18.20	18.15	19.2	2.5
20	256QAM	50	50	18.06	18.01	18.07		
20	256QAM	100	0	18.06	18.14	18.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.51	20.50	20.47		
15	QPSK	1	37	20.62	20.67	20.50	21.7	0
15	QPSK	1	74	20.41	20.41	20.30		
15	QPSK	36	0	20.54	20.55	20.56		
15	QPSK	36	20	20.67	20.64	20.61	21.7	0
15	QPSK	36	39	20.53	20.53	20.56		
15	QPSK	75	0	20.62	20.60	20.55		
15	16QAM	1	0	20.53	20.59	20.41		
15	16QAM	1	37	20.40	20.56	20.49	21.7	0
15	16QAM	1	74	20.35	20.29	20.22		
15	16QAM	36	0	20.46	20.67	20.32		
15	16QAM	36	20	20.53	20.58	20.50	21.7	0
15	16QAM	36	39	20.42	20.52	20.52		
15	16QAM	75	0	20.56	20.50	20.57		
15	64QAM	1	0	20.57	20.54	20.45		
15	64QAM	1	37	20.37	20.60	20.57	21.7	0
15	64QAM	1	74	20.40	20.37	20.51		
15	64QAM	36	0	20.09	20.18	20.12		
15	64QAM	36	20	20.16	20.00	20.13	21.2	0.5
15	64QAM	36	39	20.14	20.04	19.95		
15	64QAM	75	0	20.21	20.09	20.01		
15	256QAM	1	0	17.95	17.93	17.97		
15	256QAM	1	37	18.10	18.04	17.94	19.2	2.5
15	256QAM	1	74	17.88	17.83	17.72		
15	256QAM	36	0	18.03	18.01	18.06		
15	256QAM	36	20	18.06	18.08	18.09	19.2	2.5
15	256QAM	36	39	17.97	17.90	18.01		
15	256QAM	75	0	17.99	18.15	18.03		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.48	20.54	20.54		
10	QPSK	1	25	20.67	20.69	20.53	21.7	0
10	QPSK	1	49	20.40	20.36	20.33		
10	QPSK	25	0	20.61	20.55	20.60		
10	QPSK	25	12	20.61	20.63	20.56	21.7	0
10	QPSK	25	25	20.52	20.48	20.54		
10	QPSK	50	0	20.52	20.61	20.59		
10	16QAM	1	0	20.49	20.57	20.33		
10	16QAM	1	25	20.41	20.48	20.51	21.7	0
10	16QAM	1	49	20.36	20.30	20.26		
10	16QAM	25	0	20.46	20.65	20.36		
10	16QAM	25	12	20.60	20.67	20.57	21.7	0
10	16QAM	25	25	20.35	20.53	20.57		
10	16QAM	50	0	20.59	20.50	20.52		
10	64QAM	1	0	20.55	20.57	20.43		
10	64QAM	1	25	20.45	20.55	20.57	21.7	0
10	64QAM	1	49	20.40	20.55	20.46		
10	64QAM	25	0	20.12	20.18	20.08		
10	64QAM	25	12	20.15	20.05	20.11	21.2	0.5
10	64QAM	25	25	20.13	20.03	20.02		
10	64QAM	50	0	20.20	20.03	20.04		
10	256QAM	1	0	17.91	17.94	17.96		
10	256QAM	1	25	18.09	18.06	17.95	19.2	2.5
10	256QAM	1	49	17.90	17.85	17.70		
10	256QAM	25	0	18.06	18.02	18.03		
10	256QAM	25	12	18.07	18.12	18.14	19.2	2.5
10	256QAM	25	25	17.96	17.96	18.03		
10	256QAM	50	0	18.03	18.09	18.04		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.50	20.53	20.46		
5	QPSK	1	12	20.68	20.65	20.49	21.7	0
5	QPSK	1	24	20.46	20.34	20.30		
5	QPSK	12	0	20.55	20.60	20.62		
5	QPSK	12	7	20.61	20.66	20.60	21.7	0
5	QPSK	12	13	20.48	20.55	20.52		
5	QPSK	25	0	20.54	20.62	20.62		
5	16QAM	1	0	20.56	20.50	20.38		
5	16QAM	1	12	20.51	20.51	20.52	21.7	0
5	16QAM	1	24	20.37	20.28	20.29		
5	16QAM	12	0	20.42	20.62	20.32		
5	16QAM	12	7	20.52	20.62	20.56	21.7	0
5	16QAM	12	13	20.44	20.45	20.59		
5	16QAM	25	0	20.62	20.47	20.59		
5	64QAM	1	0	20.53	20.59	20.47		
5	64QAM	1	12	20.46	20.56	20.58	21.7	0
5	64QAM	1	24	20.44	20.60	20.47		
5	64QAM	12	0	20.07	20.19	20.09		
5	64QAM	12	7	20.16	20.07	20.11	21.2	0.5
5	64QAM	12	13	20.17	20.02	20.00		
5	64QAM	25	0	20.14	20.05	20.03		
5	256QAM	1	0	17.99	17.96	17.91		
5	256QAM	1	12	18.07	18.06	17.91	19.2	2.5
5	256QAM	1	24	17.87	17.91	17.76		
5	256QAM	12	0	18.06	17.98	18.05		
5	256QAM	12	7	18.04	18.14	18.12	19.2	2.5
5	256QAM	12	13	17.96	18.00	17.97		
5	256QAM	25	0	18.12	18.12	18.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.51	20.52	20.53		
3	QPSK	1	8	20.65	20.64	20.49	21.7	0
3	QPSK	1	14	20.40	20.41	20.29		
3	QPSK	8	0	20.60	20.59	20.56		
3	QPSK	8	4	20.60	20.65	20.63	21.7	0
3	QPSK	8	7	20.53	20.57	20.54		
3	QPSK	15	0	20.53	20.60	20.57		
3	16QAM	1	0	20.50	20.48	20.37		
3	16QAM	1	8	20.52	20.56	20.51	21.7	0
3	16QAM	1	14	20.32	20.27	20.30		
3	16QAM	8	0	20.44	20.60	20.37		
3	16QAM	8	4	20.59	20.63	20.47	21.7	0
3	16QAM	8	7	20.36	20.46	20.49		
3	16QAM	15	0	20.56	20.53	20.57		
3	64QAM	1	0	20.53	20.54	20.48		
3	64QAM	1	8	20.36	20.53	20.61	21.7	0
3	64QAM	1	14	20.42	20.55	20.49		
3	64QAM	8	0	20.08	20.15	20.14		
3	64QAM	8	4	20.07	20.11	20.12	21.2	0.5
3	64QAM	8	7	20.17	20.02	19.93		
3	64QAM	15	0	20.22	20.07	20.00		
3	256QAM	1	0	17.97	17.94	17.94		
3	256QAM	1	8	18.07	18.00	17.90	19.2	2.5
3	256QAM	1	14	17.91	17.86	17.72		
3	256QAM	8	0	18.00	17.97	18.10		
3	256QAM	8	4	18.07	18.08	18.10	19.2	2.5
3	256QAM	8	7	17.96	17.94	18.03		
3	256QAM	15	0	18.04	18.08	17.97		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.53	20.53	20.57		
1.4	QPSK	1	3	20.59	20.65	20.56		
1.4	QPSK	1	5	20.40	20.43	20.31	21.7	0
1.4	QPSK	3	0	20.58	20.57	20.57		
1.4	QPSK	3	1	20.58	20.66	20.56		
1.4	QPSK	3	3	20.51	20.56	20.57		
1.4	QPSK	6	0	20.53	20.54	20.54	21.7	0
1.4	16QAM	1	0	20.50	20.56	20.52		
1.4	16QAM	1	3	20.62	20.66	20.50		
1.4	16QAM	1	5	20.40	20.41	20.26	21.7	0
1.4	16QAM	3	0	20.58	20.56	20.62		
1.4	16QAM	3	1	20.58	20.62	20.66		
1.4	16QAM	3	3	20.56	20.50	20.56		
1.4	16QAM	6	0	20.49	20.57	20.60	21.7	0
1.4	64QAM	1	0	20.57	20.51	20.55		
1.4	64QAM	1	3	20.64	20.64	20.54		
1.4	64QAM	1	5	20.40	20.37	20.28	21.7	0
1.4	64QAM	3	0	20.61	20.62	20.63		
1.4	64QAM	3	1	20.59	20.70	20.60		
1.4	64QAM	3	3	20.55	20.51	20.53		
1.4	64QAM	6	0	20.05	20.07	20.04	21.2	0.5
1.4	256QAM	1	0	17.96	17.88	17.92		
1.4	256QAM	1	3	18.04	18.07	17.96		
1.4	256QAM	1	5	17.89	17.81	17.76	19.2	2.5
1.4	256QAM	3	0	18.00	18.04	18.06		
1.4	256QAM	3	1	18.04	18.18	18.05		
1.4	256QAM	3	3	17.98	17.98	18.00		
1.4	256QAM	6	0	17.98	18.09	18.08	19.2	2.5

Band 4 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	20.94	21.00	20.91		
20	QPSK	1	49	21.02	21.06	20.97	21.5	0
20	QPSK	1	99	20.78	20.76	20.81		
20	QPSK	50	0	19.88	19.96	19.92		
20	QPSK	50	24	19.98	20.02	19.97	20.5	1
20	QPSK	50	50	19.95	19.85	19.90		
20	QPSK	100	0	19.85	19.91	19.90		
20	16QAM	1	0	20.10	20.13	20.08		
20	16QAM	1	49	20.23	20.15	20.20	20.5	1
20	16QAM	1	99	19.96	19.97	20.01		
20	16QAM	50	0	18.76	18.95	18.97		

Band 4 Main PA_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.26	21.31	21.23		
20	QPSK	1	49	21.33	21.38	21.35	21.7	0
20	QPSK	1	99	21.16	21.13	21.19		
20	QPSK	50	0	21.22	21.33	21.32		
20	QPSK	50	24	21.37	21.37	21.34	21.7	0
20	QPSK	50	50	21.30	21.32	21.30		
20	QPSK	100	0	21.22	21.35	21.29		
20	16QAM	1	0	21.25	21.23	21.17		
20	16QAM	1	49	21.27	21.29	21.22	21.7	0
20	16QAM	1	99	21.17	21.12	21.09		
20	16QAM	50	0	21.24	21.04	21.33		
20	16QAM	50	24	21.02	20.97	20.97	21.7	0
20	16QAM	50	50	21.19	21.28	21.01		
20	16QAM	100	0	21.18	21.27	21.28		
20	64QAM	1	0	21.16	21.19	21.19		
20	64QAM	1	49	21.28	21.29	20.86	21.7	0
20	64QAM	1	99	21.05	21.13	21.09		
20	64QAM	50	0	20.72	20.92	20.83		
20	64QAM	50	24	20.82	20.86	20.84	21.2	0.5
20	64QAM	50	50	20.75	20.81	20.83		
20	64QAM	100	0	20.74	20.84	20.85		
20	256QAM	1	0	18.71	18.72	18.70		
20	256QAM	1	49	18.79	18.82	18.84	19.2	2.5
20	256QAM	1	99	18.57	18.53	18.68		
20	256QAM	50	0	18.65	18.79	18.75		
20	256QAM	50	24	18.74	18.87	18.79	19.2	2.5
20	256QAM	50	50	18.74	18.76	18.71		
20	256QAM	100	0	18.71	18.74	18.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.21	21.30	21.19		
15	QPSK	1	37	21.20	21.32	21.29	21.7	0
15	QPSK	1	74	21.08	21.10	21.17		
15	QPSK	36	0	21.11	21.30	21.31		
15	QPSK	36	20	21.22	21.30	21.34	21.7	0
15	QPSK	36	39	21.20	21.24	21.25		
15	QPSK	75	0	21.21	21.30	21.24		
15	16QAM	1	0	21.13	21.18	21.18		
15	16QAM	1	37	21.21	21.18	21.20	21.7	0
15	16QAM	1	74	21.08	21.07	21.02		
15	16QAM	36	0	21.22	20.95	21.30		
15	16QAM	36	20	20.95	20.93	20.95	21.7	0
15	16QAM	36	39	21.15	21.28	20.98		
15	16QAM	75	0	21.12	21.20	21.21		
15	64QAM	1	0	21.11	21.10	21.13		
15	64QAM	1	37	21.25	21.24	20.75	21.7	0
15	64QAM	1	74	20.86	21.07	21.04		
15	64QAM	36	0	20.71	20.87	20.80		
15	64QAM	36	20	20.76	20.80	20.76	21.2	0.5
15	64QAM	36	39	20.69	20.76	20.77		
15	64QAM	75	0	20.70	20.79	20.74		
15	256QAM	1	0	18.65	18.64	18.67		
15	256QAM	1	37	18.72	18.78	18.79	19.2	2.5
15	256QAM	1	74	18.49	18.52	18.66		
15	256QAM	36	0	18.68	18.72	18.71		
15	256QAM	36	20	18.65	18.80	18.73	19.2	2.5
15	256QAM	36	39	18.64	18.71	18.66		
15	256QAM	75	0	18.71	18.70	18.68		
Channel				20175	20250	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.17	21.26	21.21		
10	QPSK	1	25	21.26	21.32	21.27	21.7	0
10	QPSK	1	49	21.11	21.09	21.12		
10	QPSK	25	0	21.22	21.32	21.30		
10	QPSK	25	12	21.25	21.31	21.28	21.7	0
10	QPSK	25	25	21.24	21.26	21.28		
10	QPSK	50	0	21.18	21.29	21.21		
10	16QAM	1	0	21.25	21.16	21.11		
10	16QAM	1	25	21.23	21.28	21.15	21.7	0
10	16QAM	1	49	21.12	21.08	21.00		
10	16QAM	25	0	21.20	20.98	21.23		
10	16QAM	25	12	20.92	20.92	20.93	21.7	0
10	16QAM	25	25	21.11	21.21	20.98		
10	16QAM	50	0	21.07	21.23	21.25		
10	64QAM	1	0	21.09	21.14	21.12		
10	64QAM	1	25	21.25	21.28	20.80	21.7	0
10	64QAM	1	49	20.99	21.03	21.00		
10	64QAM	25	0	20.68	20.87	20.79		
10	64QAM	25	12	20.71	20.81	20.81	21.2	0.5
10	64QAM	25	25	20.63	20.75	20.77		
10	64QAM	50	0	20.67	20.78	20.79		
10	256QAM	1	0	18.63	18.68	18.68		
10	256QAM	1	25	18.75	18.76	18.82	19.2	2.5
10	256QAM	1	49	18.46	18.45	18.59		
10	256QAM	25	0	18.58	18.76	18.69		
10	256QAM	25	12	18.73	18.81	18.70	19.2	2.5
10	256QAM	25	25	18.68	18.71	18.63		
10	256QAM	50	0	18.68	18.68	18.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.16	21.28	21.18		
5	QPSK	1	12	21.25	21.33	21.31	21.7	0
5	QPSK	1	24	21.06	21.04	21.17		
5	QPSK	12	0	21.18	21.28	21.29		
5	QPSK	12	7	21.24	21.31	21.31	21.7	0
5	QPSK	12	13	21.24	21.21	21.21		
5	QPSK	25	0	21.18	21.33	21.28		
5	16QAM	1	0	21.19	21.08	21.18		
5	16QAM	1	12	21.24	21.24	21.18	21.7	0
5	16QAM	1	24	21.16	21.06	21.03		
5	16QAM	12	0	21.21	21.03	21.23		
5	16QAM	12	7	20.97	20.95	20.95	21.7	0
5	16QAM	12	13	21.13	21.16	21.00		
5	16QAM	25	0	21.08	21.23	21.17		
5	64QAM	1	0	21.09	21.16	21.15		
5	64QAM	1	12	21.25	21.20	20.82	21.7	0
5	64QAM	1	24	21.03	21.14	21.03		
5	64QAM	12	0	20.65	20.88	20.81		
5	64QAM	12	7	20.77	20.77	20.80	21.2	0.5
5	64QAM	12	13	20.62	20.73	20.84		
5	64QAM	25	0	20.62	20.77	20.79		
5	256QAM	1	0	18.67	18.60	18.67		
5	256QAM	1	12	18.72	18.76	18.75	19.2	2.5
5	256QAM	1	24	18.48	18.54	18.68		
5	256QAM	12	0	18.54	18.74	18.73		
5	256QAM	12	7	18.63	18.80	18.78	19.2	2.5
5	256QAM	12	13	18.71	18.73	18.60		
5	256QAM	25	0	18.68	18.76	18.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.15	21.25	21.18		
3	QPSK	1	8	21.22	21.32	21.25	21.7	0
3	QPSK	1	14	21.06	21.08	21.11		
3	QPSK	8	0	21.22	21.31	21.24		
3	QPSK	8	4	21.28	21.33	21.36	21.7	0
3	QPSK	8	7	21.26	21.30	21.23		
3	QPSK	15	0	21.13	21.24	21.23		
3	16QAM	1	0	21.19	21.18	21.10		
3	16QAM	1	8	21.24	21.18	21.17	21.7	0
3	16QAM	1	14	21.16	21.05	21.05		
3	16QAM	8	0	21.23	20.96	21.26		
3	16QAM	8	4	20.98	20.92	20.89	21.7	0
3	16QAM	8	7	21.10	21.19	20.95		
3	16QAM	15	0	21.17	21.25	21.25		
3	64QAM	1	0	21.10	21.08	21.15		
3	64QAM	1	8	21.23	21.20	20.84	21.7	0
3	64QAM	1	14	20.95	21.06	21.01		
3	64QAM	8	0	20.62	20.90	20.71		
3	64QAM	8	4	20.76	20.74	20.76	21.2	0.5
3	64QAM	8	7	20.64	20.75	20.81		
3	64QAM	15	0	20.69	20.79	20.81		
3	256QAM	1	0	18.63	18.69	18.71		
3	256QAM	1	8	18.75	18.80	18.79	19.2	2.5
3	256QAM	1	14	18.51	18.45	18.63		
3	256QAM	8	0	18.57	18.76	18.72		
3	256QAM	8	4	18.65	18.80	18.78	19.2	2.5
3	256QAM	8	7	18.75	18.74	18.63		
3	256QAM	15	0	18.64	18.68	18.64		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.18	21.31	21.16		
1.4	QPSK	1	3	21.24	21.29	21.27		
1.4	QPSK	1	5	21.17	21.05	21.12	21.7	0
1.4	QPSK	3	0	21.18	21.32	21.26		
1.4	QPSK	3	1	21.28	21.30	21.31		
1.4	QPSK	3	3	21.30	21.27	21.24		
1.4	QPSK	6	0	21.18	21.29	21.22	21.7	0
1.4	16QAM	1	0	21.18	21.26	21.16		
1.4	16QAM	1	3	21.27	21.26	21.35		
1.4	16QAM	1	5	21.15	21.13	21.10	21.7	0
1.4	16QAM	3	0	21.19	21.25	21.28		
1.4	16QAM	3	1	21.20	21.28	21.34		
1.4	16QAM	3	3	21.23	21.29	21.21		
1.4	16QAM	6	0	21.20	21.29	21.26	21.7	0
1.4	64QAM	1	0	21.19	21.22	21.14		
1.4	64QAM	1	3	21.23	21.34	21.32		
1.4	64QAM	1	5	21.13	21.10	21.08	21.7	0
1.4	64QAM	3	0	21.22	21.24	21.23		
1.4	64QAM	3	1	21.29	21.34	21.29		
1.4	64QAM	3	3	21.25	21.27	21.23		
1.4	64QAM	6	0	20.72	20.76	20.68	21.2	0.5
1.4	256QAM	1	0	18.60	18.67	18.65		
1.4	256QAM	1	3	18.69	18.76	18.81		
1.4	256QAM	1	5	18.55	18.50	18.68	19.2	2.5
1.4	256QAM	3	0	18.55	18.79	18.68		
1.4	256QAM	3	1	18.70	18.82	18.74		
1.4	256QAM	3	3	18.72	18.65	18.71		
1.4	256QAM	6	0	18.70	18.66	18.60	19.2	2.5

Band 4 Main PA_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.34	22.32	22.28		
20	QPSK	1	49	22.43	22.46	22.41	23.7	0
20	QPSK	1	99	22.24	22.22	22.22		
20	QPSK	50	0	21.97	21.97	21.98		
20	QPSK	50	24	22.01	22.11	22.05	23.2	0.5
20	QPSK	50	50	22.00	21.83	22.04		
20	QPSK	100	0	21.89	22.03	22.01		
20	16QAM	1	0	21.76	21.77	21.69		
20	16QAM	1	49	21.93	21.76	21.89	23.2	0.5
20	16QAM	1	99	21.65	21.75	21.69		
20	16QAM	50	0	20.83	21.03	21.00		
20	16QAM	50	24	21.03	20.94	21.02	22.2	1.5
20	16QAM	50	50	20.91	20.93	21.02		
20	16QAM	100	0	20.85	20.84	20.96		
20	64QAM	1	0	21.23	21.17	21.16		
20	64QAM	1	49	21.23	21.24	21.26	22.2	1.5
20	64QAM	1	99	21.08	21.06	21.09		
20	64QAM	50	0	19.79	19.92	20.02		
20	64QAM	50	24	19.98	19.98	19.97	21.2	2.5
20	64QAM	50	50	19.96	19.82	19.99		
20	64QAM	100	0	19.88	19.89	20.00		
20	256QAM	1	0	17.79	17.81	17.75		
20	256QAM	1	49	17.83	17.92	17.79	19.2	4.5
20	256QAM	1	99	17.69	17.68	17.61		
20	256QAM	50	0	17.89	17.98	17.89		
20	256QAM	50	24	17.97	18.07	18.06	19.2	4.5
20	256QAM	50	50	17.91	17.78	17.95		
20	256QAM	100	0	17.85	17.97	17.97		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.31	22.24	22.23		
15	QPSK	1	37	22.39	22.44	22.42	23.7	0
15	QPSK	1	74	22.18	22.15	22.17		
15	QPSK	36	0	21.87	22.00	21.90		
15	QPSK	36	20	21.93	22.05	22.03	23.2	0.5
15	QPSK	36	39	21.94	21.76	22.01		
15	QPSK	75	0	21.85	21.96	21.91		
15	16QAM	1	0	21.75	21.67	21.63		
15	16QAM	1	37	21.94	21.73	21.84	23.2	0.5
15	16QAM	1	74	21.56	21.70	21.69		
15	16QAM	36	0	20.78	20.96	20.94		
15	16QAM	36	20	21.03	20.87	20.98	22.2	1.5
15	16QAM	36	39	20.85	20.81	20.94		
15	16QAM	75	0	20.78	20.76	20.85		
15	64QAM	1	0	21.23	21.13	21.11		
15	64QAM	1	37	21.23	21.17	21.16	22.2	1.5
15	64QAM	1	74	21.07	20.99	21.04		
15	64QAM	36	0	19.77	19.86	19.96		
15	64QAM	36	20	19.91	19.99	19.89	21.2	2.5
15	64QAM	36	39	19.90	19.78	19.95		
15	64QAM	75	0	19.84	19.83	20.01		
15	256QAM	1	0	17.75	17.74	17.73		
15	256QAM	1	37	17.73	17.91	17.76	19.2	4.5
15	256QAM	1	74	17.65	17.58	17.50		
15	256QAM	36	0	17.88	17.97	17.83		
15	256QAM	36	20	17.96	18.02	18.03	19.2	4.5
15	256QAM	36	39	17.87	17.74	17.87		
15	256QAM	75	0	17.80	17.88	17.96		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.30	22.24	22.21		
10	QPSK	1	25	22.34	22.38	22.36	23.7	0
10	QPSK	1	49	22.18	22.20	22.22		
10	QPSK	25	0	22.88	21.93	21.89		
10	QPSK	25	12	21.90	22.11	22.01	23.2	0.5
10	QPSK	25	25	21.93	21.75	21.99		
10	QPSK	50	0	21.84	22.02	21.90		
10	16QAM	1	0	21.69	21.68	21.63		
10	16QAM	1	25	21.89	21.69	21.85	23.2	0.5
10	16QAM	1	49	21.59	21.73	21.62		
10	16QAM	25	0	20.78	21.00	20.97		
10	16QAM	25	12	20.99	20.92	20.92	22.2	1.5
10	16QAM	25	25	20.89	20.77	20.92		
10	16QAM	50	0	20.78	20.81	20.91		
10	64QAM	1	0	21.15	21.11	21.10		
10	64QAM	1	25	21.23	21.22	21.21	22.2	1.5
10	64QAM	1	49	21.05	20.97	21.04		
10	64QAM	25	0	19.74	19.87	19.96		
10	64QAM	25	12	19.97	19.93	19.95	21.2	2.5
10	64QAM	25	25	19.91	19.82	19.95		
10	64QAM	50	0	19.82	19.83	19.97		
10	256QAM	1	0	17.71	17.77	17.66		
10	256QAM	1	25	17.80	17.86	17.72	19.2	4.5
10	256QAM	1	49	17.63	17.58	17.55		
10	256QAM	25	0	17.89	17.88	17.80		
10	256QAM	25	12	17.94	18.07	18.00	19.2	4.5
10	256QAM	25	25	17.86	17.73	17.88		
10	256QAM	50	0	17.85	17.96	17.95		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.30	22.27	22.24		
5	QPSK	1	12	22.35	22.43	22.33	23.7	0
5	QPSK	1	24	22.19	22.17	22.18		
5	QPSK	12	0	21.94	21.89	21.95		
5	QPSK	12	7	22.01	22.00	21.97	23.2	0.5
5	QPSK	12	13	21.96	21.83	21.98		
5	QPSK	25	0	21.75	22.01	21.94		
5	16QAM	1	0	21.76	21.76	21.68		
5	16QAM	1	12	21.89	21.70	21.84	23.2	0.5
5	16QAM	1	24	21.62	21.72	21.61		
5	16QAM	12	0	20.73	20.96	21.00		
5	16QAM	12	7	20.81	20.89	20.96	22.2	1.5
5	16QAM	12	13	20.85	20.79	20.99		
5	16QAM	25	0	20.79	20.74	20.91		
5	64QAM	1	0	21.24	21.13	21.14		
5	64QAM	1	12	21.18	21.22	21.26	22.2	1.5
5	64QAM	1	24	21.03	21.05	21.05		
5	64QAM	12	0	19.69	19.85	19.94		
5	64QAM	12	7	19.93	19.90	19.93	21.2	2.5
5	64QAM	12	13	19.91	19.77	19.93		
5	64QAM	25	0	19.82	19.80	19.95		
5	256QAM	1	0	17.69	17.80	17.67		
5	256QAM	1	12	17.74	17.89	17.77	19.2	4.5
5	256QAM	1	24	17.59	17.65	17.55		
5	256QAM	12	0	17.86	17.86	17.83		
5	256QAM	12	7	17.88	18.06	17.97	19.2	4.5
5	256QAM	12	13	17.88	17.76	17.86		
5	256QAM	25	0	17.80	17.80	17.85		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.30	22.28	22.26		
3	QPSK	1	8	22.41	22.42	22.41	23.7	0
3	QPSK	1	14	22.16	22.14	22.15		
3	QPSK	8	0	21.92	21.92	21.89		
3	QPSK	8	4	22.01	22.01	21.95	23.2	0.5
3	QPSK	8	7	21.95	21.77	22.01		
3	QPSK	15	0	21.88	22.00	21.93		
3	16QAM	1	0	21.72	21.72	21.64		
3	16QAM	1	8	21.87	21.72	21.79	23.2	0.5
3	16QAM	1	14	21.63	21.69	21.69		
3	16QAM	8	0	20.79	20.93	20.94		
3	16QAM	8	4	21.02	20.90	20.99	22.2	1.5
3	16QAM	8	7	20.85	20.80	20.99		
3	16QAM	15	0	20.82	20.76	20.92		
3	64QAM	1	0	21.14	21.11	21.06		
3	64QAM	1	8	21.13	21.18	21.23	22.2	1.5
3	64QAM	1	14	21.04	21.05	21.02		
3	64QAM	8	0	19.78	19.85	19.92		
3	64QAM	8	4	19.99	19.93	19.95	21.2	2.5
3	64QAM	8	7	19.85	19.74	19.90		
3	64QAM	15	0	19.81	19.83	19.91		
3	256QAM	1	0	17.70	17.70	17.73		
3	256QAM	1	8	17.78	17.83	17.78	19.2	4.5
3	256QAM	1	14	17.68	17.64	17.56		
3	256QAM	8	0	17.87	17.97	17.89		
3	256QAM	8	4	17.95	18.01	17.98	19.2	4.5
3	256QAM	8	7	17.87	17.72	17.91		
3	256QAM	15	0	17.85	17.88	17.95		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.29	22.25	22.18		
1.4	QPSK	1	3	22.43	22.42	22.36		
1.4	QPSK	1	5	22.18	22.16	22.14	23.7	0
1.4	QPSK	3	0	22.32	22.29	22.27		
1.4	QPSK	3	1	22.36	22.40	22.37		
1.4	QPSK	3	3	22.16	22.23	22.16		
1.4	QPSK	6	0	21.96	21.94	21.92	23.2	0.5
1.4	16QAM	1	0	21.95	22.10	21.94		
1.4	16QAM	1	3	21.95	21.83	21.97		
1.4	16QAM	1	5	21.85	21.94	21.95	23.2	0.5
1.4	16QAM	3	0	21.71	21.72	21.66		
1.4	16QAM	3	1	21.89	21.68	21.85		
1.4	16QAM	3	3	21.61	21.67	21.69		
1.4	16QAM	6	0	20.78	20.91	20.99	22.2	1.5
1.4	64QAM	1	0	20.96	20.95	21.00		
1.4	64QAM	1	3	20.90	20.78	20.94		
1.4	64QAM	1	5	20.78	20.83	20.92	22.2	1.5
1.4	64QAM	3	0	21.19	21.16	21.16		
1.4	64QAM	3	1	21.14	21.18	21.17		
1.4	64QAM	3	3	20.98	20.95	20.99		
1.4	64QAM	6	0	19.76	19.85	19.98	21.2	2.5
1.4	256QAM	1	0	17.78	17.81	17.65		
1.4	256QAM	1	3	17.82	17.82	17.74		
1.4	256QAM	1	5	17.66	17.63	17.58	19.2	4.5
1.4	256QAM	3	0	17.85	17.91	17.87		
1.4	256QAM	3	1	17.91	18.05	18.00		
1.4	256QAM	3	3	17.82	17.77	17.84		
1.4	256QAM	6	0	17.78	17.88	17.94	19.2	4.5

Band 5 Main PA_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	24.54	24.49	24.45		
10	QPSK	1	25	24.59	24.61	24.50	25.5	0
10	QPSK	1	49	24.52	24.44	24.41		
10	QPSK	25	0	23.52	23.61	23.46		
10	QPSK	25	12	23.50	23.63	23.47	24.5	1
10	QPSK	25	25	23.58	23.44	23.37		
10

Band 7 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33		
20	QPSK	1	49	20.65	20.77	20.58	21.5	0
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.99	19.67	19.60		
20	QPSK	50	24	19.87	19.69	19.55	20.5	1
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48		
20	16QAM	1	49	19.92	19.83	19.70	20.5	1
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57		
20	16QAM	50	24	18.64	18.61	18.55	19.5	2
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48		
20	64QAM	1	49	18.88	18.81	18.69	19.5	2
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.53	17.63	17.56		
20	64QAM	50	24	17.66	17.61	17.50	18.5	3
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37		
20	256QAM	1	49	15.40	15.27	15.31	16.5	5
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26		
20	256QAM	50	24	15.28	15.25	15.27	16.5	5
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27		
15	QPSK	1	37	20.68	20.68	20.58	21.5	0
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62		
15	QPSK	36	20	19.71	19.63	19.57	20.5	1
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53		
15	16QAM	1	37	19.90	19.77	19.74	20.5	1
15	16QAM	1	74	19.63	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53		
15	16QAM	36	20	18.57	18.60	18.47	19.5	2
15	16QAM	36	39	18.57	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48		
15	64QAM	1	37	18.86	18.73	18.68	19.5	2
15	64QAM	1	74	18.85	18.84	18.49		
15	64QAM	36	0	17.56	17.61	17.61		
15	64QAM	36	20	17.70	17.54	17.48	18.5	3
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36		
15	256QAM	1	37	15.30	15.26	15.34	16.5	5
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17		
15	256QAM	36	20	15.28	15.18	15.25	16.5	5
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38		
10	QPSK	1	25	20.68	20.74	20.51	21.5	0
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58		
10	QPSK	25	12	19.57	19.70	19.61	20.5	1
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43		
10	16QAM	1	25	19.83	19.74	19.60	20.5	1
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48		
10	16QAM	25	12	18.62	18.61	18.55	19.5	2
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53		
10	64QAM	1	0	18.63	18.52	18.50		
10	64QAM	1	25	18.78	18.83	18.72	19.5	2
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46		
10	64QAM	25	12	17.66	17.54	17.53	18.5	3
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29		
10	256QAM	1	25	15.44	15.17	15.34	16.5	5
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28		
10	256QAM	25	12	15.33	15.17	15.32	16.5	5
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.31	15.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34		
5	QPSK	1	12	20.56	20.71	20.61	21.5	0
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52		
5	QPSK	12	7	19.61	19.65	19.56	20.5	1
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48		
5	16QAM	1	12	19.90	19.78	19.75	20.5	1
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62		
5	16QAM	12	7	18.67	18.62	18.54	19.5	2
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46		
5	64QAM	1	12	18.88	18.73	18.68	19.5	2
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49		
5	64QAM	12	7	17.63	17.53	17.45	18.5	3
5	64QAM	12	13	17.56	17.50	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27		
5	256QAM	1	12	15.32	15.31	15.28	16.5	5
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18		
5	256QAM	12	7	15.29	15.27	15.25	16.5	5
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.14	16.13	16.16		
20	QPSK	1	49	16.40	16.42	16.37	17	0
20	QPSK	1	99	16.15	16.19	16.35		
20	QPSK	50	0	16.30	16.29	16.21		
20	QPSK	50	24	16.36	16.37	16.34	17	0
20	QPSK	50	50	16.32	16.27	16.33		
20	QPSK	100	0	16.28	16.37	16.27		
20	16QAM	1	0	16.22	16.23	16.27		
20	16QAM	1	49	16.27	16.31	16.32	17	0
20	16QAM	1	99	16.29	16.39	16.21		
20	16QAM	50	0	16.09	16.25	16.28		
20	16QAM	50	24	16.22	16.21	16.23		
20	16QAM	50	50	16.22	16.21	16.22	17	0
20	16QAM	100	0	16.12	16.22	16.23		
20	64QAM	1	0	16.06	16.13	16.16		
20	64QAM	1	49	16.21	16.17	16.17	17	0
20	64QAM	1	99	16.18	16.24	16.30		
20	64QAM	50	0	16.12	16.16	16.29		
20	64QAM	50	24	16.17	16.20	16.28	17	0
20	64QAM	50	50	16.20	16.22	16.23		
20	64QAM	100	0	16.12	16.24	16.21		
20	256QAM	1	0	16.08	16.09	16.07		
20	256QAM	1	49	16.36	16.36	16.27	17	0
20	256QAM	1	99	16.11	16.12	16.30		
20	256QAM	50	0	16.22	16.23	16.12		
20	256QAM	50	24	16.35	16.32	16.28	17	0
20	256QAM	50	50	16.22	16.20	16.23		
20	256QAM	100	0	16.23	16.37	16.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.08	16.05	16.07		
15	QPSK	1	37	16.32	16.36	16.34	17	0
15	QPSK	1	74	16.13	16.11	16.35		
15	QPSK	36	0	16.24	16.23	16.16		
15	QPSK	36	20	16.28	16.38	16.26	17	0
15	QPSK	36	39	16.27	16.23	16.30		
15	QPSK	75	0	16.23	16.38	16.21		
15	16QAM	1	0	16.16	16.22	16.21		
15	16QAM	1	37	16.22	16.26	16.30	17	0
15	16QAM	1	74	16.29	16.38	16.19		
15	16QAM	36	0	16.00	16.19	16.22		
15	16QAM	36	20	16.22	16.18	16.17	17	0
15	16QAM	36	39	16.17	16.13	16.18		
15	16QAM	75	0	16.05	16.15	16.24		
15	64QAM	1	0	16.02	16.05	16.09		
15	64QAM	1	37	16.17	16.11	16.11	17	0
15	64QAM	1	74	16.13	16.22	16.27		
15	64QAM	36	0	16.05	16.05	16.22		
15	64QAM	36	20	16.12	16.09	16.20	17	0
15	64QAM	36	39	16.18	16.18	16.15		
15	64QAM	75	0	16.07	16.16	16.21		
15	256QAM	1	0	16.05	16.07	16.04		
15	256QAM	1	37	16.30	16.35	16.21	17	0
15	256QAM	1	74	16.08	16.09	16.23		
15	256QAM	36	0	16.16	16.20	16.08		
15	256QAM	36	20	16.32	16.26	16.22	17	0
15	256QAM	36	39	16.18	16.11	16.12		
15	256QAM	75	0	16.22	16.35	16.26		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.12	16.03	16.11		
10	QPSK	1	25	16.37	16.36	16.29	17	0
10	QPSK	1	49	16.12	16.17	16.33		
10	QPSK	25	0	16.25	16.21	16.21		
10	QPSK	25	12	16.27	16.28	16.26	17	0
10	QPSK	25	25	16.29	16.20	16.31		
10	QPSK	50	0	16.22	16.34	16.21		
10	16QAM	1	0	16.17	16.19	16.23		
10	16QAM	1	25	16.16	16.26	16.31	17	0
10	16QAM	1	49	16.23	16.37	16.15		
10	16QAM	25	0	16.06	16.18	16.29		
10	16QAM	25	12	16.16	16.26	16.17	17	0
10	16QAM	25	25	16.16	16.17	16.20		
10	16QAM	50	0	16.07	16.16	16.18		
10	64QAM	1	0	15.99	16.04	16.07		
10	64QAM	1	25	16.14	16.12	16.05	17	0
10	64QAM	1	49	16.19	16.15	16.30		
10	64QAM	25	0	16.04	16.07	16.23		
10	64QAM	25	12	16.12	16.14	16.20	17	0
10	64QAM	25	25	16.18	16.18	16.15		
10	64QAM	50	0	16.00	16.17	16.10		
10	256QAM	1	0	16.00	15.98	16.02		
10	256QAM	1	25	16.31	16.31	16.24	17	0
10	256QAM	1	49	16.05	16.07	16.27		
10	256QAM	25	0	16.14	16.14	16.04		
10	256QAM	25	12	16.28	16.25	16.20	17	0
10	256QAM	25	25	16.12	16.14	16.15		
10	256QAM	50	0	16.17	16.31	16.26		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.11	16.05	16.09		
5	QPSK	1	12	16.37	16.37	16.31	17	0
5	QPSK	1	24	16.10	16.12	16.30		
5	QPSK	12	0	16.27	16.19	16.17		
5	QPSK	12	7	16.33	16.26	16.31	17	0
5	QPSK	12	13	16.28	16.23	16.31		
5	QPSK	25	0	16.23	16.32	16.23		
5	16QAM	1	0	16.23	16.19	16.17		
5	16QAM	1	12	16.21	16.32	16.30	17	0
5	16QAM	1	24	16.25	16.35	16.18		
5	16QAM	12	0	16.02	16.26	16.20		
5	16QAM	12	7	16.17	16.20	16.14	17	0
5	16QAM	12	13	16.13	16.18	16.18		
5	16QAM	25	0	16.08	16.15	16.19		
5	64QAM	1	0	16.02	16.05	16.06		
5	64QAM	1	12	16.14	16.12	16.09	17	0
5	64QAM	1	24	16.07	16.20	16.29		
5	64QAM	12	0	16.11	16.11	16.24		
5	64QAM	12	7	16.17	16.15	16.19	17	0
5	64QAM	12	13	16.12	16.14	16.14		
5	64QAM	25	0	16.07	16.18	16.20		
5	256QAM	1	0	15.97	16.07	15.98		
5	256QAM	1	12	16.24	16.30	16.23	17	0
5	256QAM	1	24	16.09	16.07	16.24		
5	256QAM	12	0	16.17	16.12	16.07		
5	256QAM	12	7	16.27	16.33	16.25	17	0
5	256QAM	12	13	16.16	16.13	16.17		
5	256QAM	25	0	16.13	16.28	16.22		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.31	18.31	18.32		
20	QPSK	1	49	18.58	18.64	18.63	19	0
20	QPSK	1	99	18.32	18.40	18.51		
20	QPSK	50	0	18.48	18.58	18.61		
20	QPSK	50	24	18.54	18.63	18.62	19	0
20	QPSK	50	50	18.52	18.53	18.52		
20	QPSK	100	0	18.46	18.61	18.51		
20	16QAM	1	0	18.29	18.34	18.26		
20	16QAM	1	49	18.46	18.48	18.56	19	0
20	16QAM	1	99	18.30	18.41	18.39		
20	16QAM	50	0	18.44	18.61	18.55		
20	16QAM	50	24	18.58	18.62	18.60	19	0
20	16QAM	50	50	18.59	18.55	18.59		
20	16QAM	100	0	18.43	18.52	18.52		
20	64QAM	1	0	18.55	18.61	18.54		
20	64QAM	1	49	18.61	18.63	18.58	19	0
20	64QAM	1	99	18.50	18.58	18.63		
20	64QAM	50	0	18.49	18.63	18.59		
20	64QAM	50	24	18.54	18.54	18.60	19	0
20	64QAM	50	50	18.58	18.58	18.53		
20	64QAM	100	0	18.48	18.60	18.57		
20	256QAM	1	0	18.22	18.24	18.27		
20	256QAM	1	49	18.49	18.60	18.52	19	0
20	256QAM	1	99	18.31	18.35	18.46		
20	256QAM	50	0	18.38	18.54	18.51		
20	256QAM	50	24	18.48	18.59	18.57	19	0
20	256QAM	50	50	18.44	18.45	18.41		
20	256QAM	100	0	18.44	18.52	18.50		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.31	18.31	18.28		
15	QPSK	1	37	18.47	18.58	18.63	19	0
15	QPSK	1	74	18.25	18.33	18.46		
15	QPSK	36	0	18.42	18.47	18.52		
15	QPSK	36	20	18.54	18.54	18.59	19	0
15	QPSK	36	39	18.49	18.54	18.52		
15	QPSK	75	0	18.44	18.49	18.44		
15	16QAM	1	0	18.23	18.28	18.21		
15	16QAM	1	37	18.41	18.39	18.55	19	0
15	16QAM	1	74	18.23	18.38	18.40		
15	16QAM	36	0	18.39	18.61	18.43		
15	16QAM	36	20	18.52	18.59	18.61	19	0
15	16QAM	36	39	18.57	18.49	18.49		
15	16QAM	75	0	18.36	18.41	18.48		
15	64QAM	1	0	18.55	18.51	18.55		
15	64QAM	1	37	18.53	18.57	18.50	19	0
15	64QAM	1	74	18.47	18.54	18.51		
15	64QAM	36	0	18.48	18.55	18.56		
15	64QAM	36	20	18.50	18.48	18.56	19	0
15	64QAM	36	39	18.51	18.53	18.49		
15	64QAM	75	0	18.40	18.58	18.47		
15	256QAM	1	0	18.11	18.18	18.23		
15	256QAM	1	37	18.42	18.56	18.42	19	0
15	256QAM	1	74	18.29	18.29	18.42		
15	256QAM	36	0	18.28	18.51	18.50		
15	256QAM	36	20	18.37	18.58	18.50	19	0
15	256QAM	36	39	18.38	18.45	18.35		
15	256QAM	75	0	18.36	18.50	18.40		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.24	18.29	18.26		
10	QPSK	1	25	18.58	18.59	18.54	19	0
10	QPSK	1	49	18.31	18.34	18.47		
10	QPSK	25	0	18.45	18.51	18.61		
10	QPSK	25	12	18.48	18.52	18.58	19	0
10	QPSK	25	25	18.49	18.51	18.47		
10	QPSK	50	0	18.37	18.56	18.41		
10	16QAM	1	0	18.25	18.29	18.19		
10	16QAM	1	25	18.44	18.45	18.46	19	0
10	16QAM	1	49	18.22	18.41	18.40		
10	16QAM	25	0	18.34	18.56	18.49		
10	16QAM	25	12	18.53	18.52	18.52	19	0
10	16QAM	25	25	18.49	18.52	18.52		
10	16QAM	50	0	18.41	18.46	18.47		
10	64QAM	1	0	18.50	18.53	18.55		
10	64QAM	1	25	18.57	18.55	18.52	19	0
10	64QAM	1	49	18.50	18.52	18.57		
10	64QAM	25	0	18.47	18.59	18.54		
10	64QAM	25	12	18.44	18.44	18.52	19	0
10	64QAM	25	25	18.52	18.58	18.48		
10	64QAM	50	0	18.38	18.58	18.46		
10	256QAM	1	0	18.19	18.23	18.23		
10	256QAM	1	25	18.45	18.52	18.52	19	0
10	256QAM	1	49	18.31	18.34	18.36		
10	256QAM	25	0	18.33	18.52	18.49		
10	256QAM	25	12	18.43	18.50	18.55	19	0
10	256QAM	25	25	18.40	18.45	18.37		
10	256QAM	50	0	18.34	18.44	18.44		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.22	18.25	18.30		
5	QPSK	1	12	18.55	18.57	18.53	19	0
5	QPSK	1	24	18.24	18.33	18.51		
5	QPSK	12	0	18.43	18.57	18.55		
5	QPSK	12	7	18.48	18.61	18.59	19	0
5	QPSK	12	13	18.50	18.47	18.50		
5	QPSK	25	0	18.44	18.59	18.39		
5	16QAM	1	0	18.21	18.27	18.21		
5	16QAM	1	12	18.36	18.43	18.47	19	0
5	16QAM	1	24	18.22	18.35	18.34		
5	16QAM	12	0	18.40	18.55	18.53		
5	16QAM	12	7	18.52	18.57	18.52	19	0
5	16QAM	12	13	18.59	18.50	18.52		
5	16QAM	25	0	18.34	18.52	18.49		
5	64QAM	1	0	18.49	18.56	18.46		
5	64QAM	1	12	18.51	18.54	18.49	19	0
5	64QAM	1	24	18.43	18.48	18.58		
5	64QAM	12	0	18.41	18.62	18.58		
5	64QAM	12	7	18.50	18.49	18.54	19	0
5	64QAM	12	13	18.50	18.54	18.49		
5	64QAM	25	0	18.44	18.54	18.50		
5	256QAM	1	0	18.21	18.15	18.19		
5	256QAM	1	12	18.44	18.55	18.50	19	0
5	256QAM	1	24	18.28	18.31	18.41		
5	256QAM	12	0	18.33	18.53	18.42		
5	256QAM	12	7	18.47	18.54	18.56	19	0
5	256QAM	12	13	18.42	18.46	18.30		
5	256QAM	25	0	18.42	18.49	18.39		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.06	16.06	16.04		
20	QPSK	1	49	16.36	16.37	16.28	17	0
20	QPSK	1	99	16.12	16.20	16.15		
20	QPSK	50	0	16.16	16.31	16.32		
20	QPSK	50	24	16.25	16.36	16.35	17	0
20	QPSK	50	50	16.18	16.28	16.29		
20	QPSK	100	0	16.18	16.32	16.30		
20	16QAM	1	0	15.95	16.03	16.04		
20	16QAM	1	49	16.23	16.23	16.23	17	0
20	16QAM	1	99	16.07	16.12	16.15		
20	16QAM	50	0	16.18	16.32	16.31		
20	16QAM	50	24	16.31	16.35	16.31	17	0
20	16QAM	50	50	16.27	16.28	16.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.62	23.31	23.61		
10	QPSK	1	25	23.68	23.69	23.66	24.5	0
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57		
10	QPSK	25	12	22.68	22.71	22.62	23.5	1
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81		
10	16QAM	1	25	22.83	22.87	22.87	23.5	1
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59		
10	16QAM	25	12	21.66	21.65	21.65	22.5	2
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65		
10	64QAM	1	25	21.73	21.73	21.70	22.5	2
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56		
10	64QAM	25	12	20.61	20.62	20.62	21.5	3
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.65	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98		
10	256QAM	1	25	18.98	18.95	19.03	19.5	5
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99		
10	256QAM	25	12	19.02	19.02	19.05	19.5	5
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51		
5	QPSK	1	12	23.63	23.62	23.57	24.5	0
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.56	22.54		
5	QPSK	12	7	22.72	22.67	22.57	23.5	1
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61		
5	16QAM	1	0	22.78	22.75	22.83		
5	16QAM	1	12	22.85	22.85	22.92	23.5	1
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59		
5	16QAM	12	7	21.60	21.62	21.57	22.5	2
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68		
5	64QAM	1	12	21.65	21.63	21.64	22.5	2
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56		
5	64QAM	12	7	20.66	20.61	20.60	21.5	3
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94		
5	256QAM	1	12	19.01	18.98	18.93	19.5	5
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99		
5	256QAM	12	7	19.00	19.00	19.07	19.5	5
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62		
3	QPSK	1	8	23.64	23.66	23.68	24.5	0
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57		
3	QPSK	8	4	22.62	22.65	22.53	23.5	1
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.73	22.82	22.76		
3	16QAM	1	8	22.85	22.84	22.79	23.5	1
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63		
3	16QAM	8	4	21.58	21.70	21.55	22.5	2
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64		
3	64QAM	1	8	21.76	21.68	21.63	22.5	2
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59		
3	64QAM	8	4	20.55	20.62	20.60	21.5	3
3	64QAM	8	7	20.64	20.52	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88		
3	256QAM	1	8	18.99	18.89	19.08	19.5	5
3	256QAM	1	14	19.02	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93		
3	256QAM	8	4	18.95	18.93	18.96	19.5	5
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.06	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52		
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61	24.5	0
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.37	22.47		
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55	23.5	1
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.68	21.47	21.67		
1.4	64QAM	1	3	21.61	21.61	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60	22.5	2
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80		
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98	19.5	5
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.98	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83		
10	QPSK	1	25	23.90	23.95	23.91	24.5	0
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78		
10	QPSK	25	12	22.83	22.93	22.85	23.5	1
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02		
10	16QAM	1	25	23.02	23.06	23.04	23.5	1
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88		
10	16QAM	25	12	21.83	21.86	21.89	22.5	2
10	16QAM	25	25	21.86	21.73	21.96		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98		
10	64QAM	1	25	22.00	22.04	22.04	22.5	2
10	64QAM	1	49	22.01	22.00	22.01		
10	64QAM	25	0	20.73	20.82	20.87		
10	64QAM	25	12	20.82	20.85	20.84	21.5	3
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27		
10	256QAM	1	25	19.25	19.25	19.25	19.5	5
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23		
10	256QAM	25	12	19.28	19.20	19.27	19.5	5
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84		
5	QPSK	1	12	23.82	23.85	23.82	24.5	0
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73		
5	QPSK	12	7	22.77	22.98	22.87	23.5	1
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85		
5	16QAM	1	0	22.80	22.88	23.02		
5	16QAM	1	12	22.94	23.04	23.07	23.5	1
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81		
5	16QAM	12	7	21.82	21.80	21.80	22.5	2
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96		
5	64QAM	1	12	21.92	21.97	22.08	22.5	2
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81		
5	64QAM	12	7	20.87	20.79	20.79	21.5	3
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.96		
5	256QAM	1	0	19.21	19.17	19.27		
5	256QAM	1	12	19.17	19.26	19.30	19.5	5
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26		
5	256QAM	12	7	19.18	19.16	19.17	19.5	5
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73		
3	QPSK	1	8	23.86	23.87	23.94	24.5	0
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.75	22.88	22.77		
3	QPSK	8	4	22.81	22.96	22.82	23.5	1
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.74	22.86	23.04		
3	16QAM	1	8	23.02	23.02	22.99	23.5	1
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83		
3	16QAM	8	4	21.83	21.82	21.87	22.5	2
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95		
3	64QAM	1	8	22.02	22.04	22.03	22.5	2
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82		
3	64QAM	8	4	20.83	20.84	20.83	21.5	3
3	64QAM	8	7	20.83	20.78	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20		
3	256QAM	1	8	19.19	19.29	19.15	19.5	5
3	256QAM	1	14	19.23	19.23	19.13		
3	256QAM	8	0	19.22	19.21	19.18		
3	256QAM	8	4	19.32	19.10	19.20	19.5	5
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	19.16	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83		
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.88	23.88	24.5	0
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.69		
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94	23.5	1
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.88	21.91	21.97		
1.4	64QAM	1	3	21.62	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80	22.5	2
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19		
1.4	256QAM	1	3	19.18	19.16	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06	19.5	5
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	5

Band 13 Main PA_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		24.49			
10	QPSK	1	25		24.61		25.5	0
10	QPSK	1	49		24.55			
10	QPSK	25	0		23.40			
10	QPSK	25	12		23.46		24.5	1
10	QPSK	25	25		23.44			
10	QPSK	50	0		23.56			
10	16QAM	1	0		23.54			
10	16QAM	1	25		23.51		24.5	1
10	16QAM	1	49		23.52			
10	16QAM	25	0		22.59			
10	16QAM	25	12		22.67		23.5	2
10	16QAM	25	25		22.66			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.64			
10	64QAM	1	25		22.73		23.5	2
10	64QAM	1	49		22.73			
10	64QAM	25	0		21.56			
10	64QAM	25	12		21.64		22.5	3
10	64QAM	25	25		21.59			
10	64QAM	50	0		21.56			
10	256QAM	1	0		19.67			
10	256QAM	1	25		19.54		20.5	5
10	256QAM	1	49		19.45			
10	256QAM	25	0		19.61			
10	256QAM	25	12		19.41		20.5	5
10	256QAM	25	25		19.43			
10	256QAM	50	0		19.45			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.21	24.22	24.31		
5	QPSK	1	12	24.48	24.44	24.34	25.5	0
5	QPSK	1	24	24.36	24.42	24.35		
5	QPSK	12	0	23.23	23.16	23.26		
5	QPSK	12	7	23.21	23.19	23.27	24.5	1
5	QPSK	12	13	23.22	23.25	23.16		
5	QPSK	25	0	23.38	23.31	23.36		
5	16QAM	1	0	23.38	23.38	23.26		
5	16QAM	1	12	23.28	23.36	23.34	24.5	1
5	16QAM	1	24	23.37	23.30	23.27		
5	16QAM	12	0	22.31	22.44	22.33		
5	16QAM	12	7	22.44	22.45	22.42	23.5	2
5	16QAM	12	13	22.35	22.42	22.42		
5	16QAM	25	0	22.35	22.30	22.41		
5	64QAM	1	0	22.46	22.40	22.43		
5	64QAM	1	12	22.52	22.52	22.50	23.5	2
5	64QAM	1	24	22.47	22.47	22.45		
5	64QAM	12	0	21.32	21.30	21.35		
5	64QAM	12	7	21.40	21.50	21.45	22.5	3
5	64QAM	12	13	21.43	21.42	21.41		
5	64QAM	25	0	21.32	21.43	21.30		
5	256QAM	1	0	19.51	19.44	19.39		
5	256QAM	1	12	19.36	19.40	19.30	20.5	5
5	256QAM	1	24	19.17	19.31	19.22		
5	256QAM	12	0	19.38	19.44	19.37		
5	256QAM	12	7	19.25	19.18	19.17	20.5	5
5	256QAM	12	13	19.28	19.16	19.22		
5	256QAM	25	0	19.31	19.27	19.18		

Band 13 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					23230			
Frequency (MHz)					782			
10	QPSK	1	0		23.39			
10	QPSK	1	25		23.44		24.5	0
10	QPSK	1	49		23.41			
10	QPSK	25	0		23.39			
10	QPSK	25	12		23.40		24.5	0
10	QPSK	25	25		23.34			
10	QPSK	50	0		23.34			
10	16QAM	1	0		23.34			
10	16QAM	1	25		23.40		24.5	0
10	16QAM	1	49		23.38			
10	16QAM	25	0		22.73			
10	16QAM	25	12		22.73		23.5	1
10	16QAM	25	25		22.71			
10	16QAM	50	0		22.67			
10	64QAM	1	0		22.80			
10	64QAM	1	25		22.82		23.5	1
10	64QAM	1	49		22.89			
10	64QAM	25	0		21.72			
10	64QAM	25	12		21.71		22.5	2
10	64QAM	25	25		21.67			
10	64QAM	50	0		21.67			
10	256QAM	1	0		20.21			
10	256QAM	1	25		20.21		20.5	4
10	256QAM	1	49		20.18			
10	256QAM	25	0		20.21			
10	256QAM	25	12		20.29		20.5	4
10	256QAM	25	25		20.28			
10	256QAM	50	0		20.21			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	23.34	23.37	23.39		
5	QPSK	1	12	23.37	23.39	23.36	24.5	0
5	QPSK	1	24	23.42	23.35	23.32		
5	QPSK	12	0	23.32	23.26	23.25		
5	QPSK	12	7	23.30	23.28	23.35	24.5	0
5	QPSK	12	13	23.33	23.33	23.22		
5	QPSK	25	0	23.28	23.35	23.34		
5	16QAM	1	0	23.30	23.20	23.29		
5	16QAM	1	12	23.41	23.30	23.32	24.5	0
5	16QAM	1	24	23.34	23.32	23.34		
5	16QAM	12	0	22.66	22.57	22.67		
5	16QAM	12	7	22.56	22.54	22.64	23.5	1
5	16QAM	12	13	22.62	22.53	22.56		
5	16QAM	25	0	22.51	22.63	22.58		
5	64QAM	1	0	22.72	22.75	22.71		
5	64QAM	1	12	22.82	22.79	22.82	23.5	1
5	64QAM	1	24	22.81	22.74	22.83		
5	64QAM	12	0	21.68	21.55	21.59		
5	64QAM	12	7	21.64	21.57	21.59	22.5	2
5	64QAM	12	13	21.50	21.51	21.54		
5	64QAM	25	0	21.57	21.50	21.50		
5	256QAM	1	0	20.17	20.02	20.12		
5	256QAM	1	12	20.11	20.08	20.05	20.5	4
5	256QAM	1	24	20.02	20.08	20.03		
5	256QAM	12	0	20.08	20.05	20.06		
5	256QAM	12	7	20.13	20.12	20.13	20.5	4
5	256QAM	12	13	20.21	20.15	20.09		
5	256QAM	25	0	20.10	20.10	20.12		

Band 17 Main PA_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	23.22	23.21	23.33		
10	QPSK	1	25	23.65	23.67	23.63	24.5	0
10	QPSK	1	49	23.62	23.64	23.61		
10	QPSK	25	0	22.50	22.45	22.44		
10	QPSK	25	12	22.57	22.61	22.57	23.5	1
10	QPSK	25	25	22.51	22.47	22.52		
10	QPSK	50	0	22.49	22.52	22.48		
10	16QAM	1	0	22.78	22.77	22.74		
10	16QAM	1	25	22.88	22.87	22.79	23.5	1
10	16QAM	1	49	22.86	22.81	22.80		
10	16QAM	25	0	21.51	21.46	21.49		
10	16QAM	25	12	21.52	21.52	21.60	22.5	2
10	16QAM	25	25	21.51	21.47	21.52		
10	16QAM	50	0	21.47	21.45	21.52		
10	64QAM	1	0	21.64	21.64	21.61		
10	64QAM	1	25	21.73	21.70	21.63	22.5	2
10	64QAM	1	49	21.69	21.67	21.69		
10	64QAM	25	0	20.49	20.44	20.47		
10	64QAM	25	12	20.60	20.62	20.58	21.5	3
10	64QAM	25	25	20.51	20.48	20.49		
10	64QAM	50	0	20.49	20.45	20.50		
10	256QAM	1	0	18.86	18.88	18.89		
10	256QAM	1	25	18.93	18.87	18.85	19.5	5
10	256QAM	1	49	18.84	18.85	18.89		
10	256QAM	25	0	18.87	18.90	18.88		
10	256QAM	25	12	18.87	18.85	18.87	19.5	5
10	256QAM	25	25	18.87	18.91	18.89		
10	256QAM	50	0	18.86	18.93	18.92		
Channel				23725	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.23	23.20	23.32		
5	QPSK	1	12	23.64	23.66	23.62	24.5	0
5	QPSK	1	24	23.65	23.57	23.59		
5	QPSK	12	0	22.40	22.49	22.44		
5	QPSK	12	7	22.55	22.58	22.57	23.5	1
5	QPSK	12	13	22.53	22.50	22.57		
5	QPSK	25	0	22.46	22.42	22.49		
5	16QAM	1	0	22.70	22.73	22.68		
5	16QAM	1	12	22.91	22.86	22.83	23.5	1
5	16QAM	1	24	22.85	22.83	22.71		
5	16QAM	12	0	21.53	21.49	21.42		
5	16QAM	12	7	21.53	21.53	21.64	22.5	2
5	16QAM	12	13	21.52	21.47	21.44		
5	16QAM	25	0	21.45	21.47	21.57		
5	64QAM	1	0	21.67	21.55	21.51		
5	64QAM	1	12	21.67	21.69	21.57	22.5	2
5	64QAM	1	24	21.71	21.66	21.63		
5	64QAM	12	0	20.53	20.35	20.37		
5	64QAM	12	7	20.54	20.61	20.54	21.5	3
5	64QAM	12	13	20.43	20.43	20.39		
5	64QAM	25	0	20.40	20.46	20.47		
5	256QAM	1	0	18.83	18.82	18.88		
5	256QAM	1	12	18.86	18.85	18.82	19.5	5
5	256QAM	1	24	18.78	18.85	18.88		
5	256QAM	12	0	18.79	18.90	18.88		
5	256QAM	12	7	18.81	18.78	18.79	19.5	5
5	256QAM	12	13	18.78	18.81	18.85		
5	256QAM	25	0	18.90	18.85	18.85		

Band 17 Main PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.44	23.45	23.56		
10	QPSK	1	25	23.82	23.88	23.83	24.5	0
10	QPSK	1	49	23.81	23.81	23.81		
10	QPSK	25	0	22.78	22.78	22.80		
10	QPSK	25	12	22.86	22.87	22.86	23.5	1
10	QPSK	25	25	22.80	22.79	22.80		
10	QPSK	50	0	22.85	22.87	22.81		
10	16QAM	1	0	22.95	23.02	22.96		
10	16QAM	1	25	23.08	23.05	23.04	23.5	1
10	16QAM	1	49	23.06	22.99	23.05		
10	16QAM	25	0	21.83	21.77	21.80		
10	16QAM	25	12	21.89	21.88	21.87	22.5	2
10	16QAM	25	25	21.79	21.81	21.85		
10	16QAM	50	0	21.78	21.78	21.85		
10	64QAM	1	0	21.97	21.95	21.93		
10	64QAM	1	25	22.05	22.03	21.96	22.5	2
10	64QAM	1	49	22.02	22.03	22.02		
10	64QAM	25	0	20.76	20.75	20.77		
10	64QAM	25	12	20.84	20.86	20.85	21.5	3
10	64QAM	25	25	20.79	20.76	20.83		
10	64QAM	50	0	20.78	20.77	20.82		
10	256QAM	1	0	19.19	19.16	19.13		
10	256QAM	1	25	19.16	19.12	19.11	19.5	5
10	256QAM	1	49	19.11	19.24	19.22		
10	256QAM	25	0	19.26	19.14	19.24		
10	256QAM	25	12	19.14	19.11	19.22	19.5	5
10	256QAM	25	25	19.11	19.18	19.15		
10	256QAM	50	0	19.22	19.24	19.22		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.44	23.43	23.53		
5	QPSK	1	12	23.86	23.82	23.81	24.5	0
5	QPSK	1	24	23.72	23.77	23.83		
5	QPSK	12	0	22.74	22.80	22.73		
5	QPSK	12	7	22.79	22.81	22.88	23.5	1
5	QPSK	12	13	22.82	22.72	22.80		
5	QPSK	25	0	22.88	22.83	22.86		
5	16QAM	1	0	22.89	22.95	22.86		
5	16QAM	1	12	23.07	22.98	22.97	23.5	1
5	16QAM	1	24	23.00	22.91	23.07		
5	16QAM	12	0	21.78	21.70	21.76		
5	16QAM	12	7	21.87	21.81	21.82	22.5	2
5	16QAM	12	13	21.76	21.73	21.76		
5	16QAM	25	0	21.68	21.75	21.78		
5	64QAM	1	0	21.87	21.95	21.92		
5	64QAM	1	12	21.97	21.93	21.93	22.5	2
5	64QAM	1	24	21.93	22.05	22.05		
5	64QAM	12	0	20.79	20.77	20.77		
5	64QAM	12	7	20.87	20.81	20.85	21.5	3
5	64QAM	12	13	20.81	20.72	20.87		
5	64QAM	25	0	20.80	20.73	20.86		
5	256QAM	1	0	19.09	19.20	19.14		
5	256QAM	1	12	19.09	19.07	19.11	19.5	5
5	256QAM	1	24	19.03	19.21	19.19		
5	256QAM	12	0	19.18	19.13	19.27		
5	256QAM	12	7	19.06	19.07	19.22	19.5	5
5	256QAM	12	13	19.04	19.14	19.20		
5	256QAM	25	0	19.26	19.26	19.25		

Band 26 Main PA_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	24.58	24.56	24.54		
15	QPSK	1	37	24.63	24.65	24.58	25.5	0
15	QPSK	1	74	24.61	24.49	24.41		
15	QPSK	36	0	23.60	23.50	23.55		
15	QPSK	36	20	23.65	23.66	23.57	24.5	1
15	QPSK	36	39	23.56	23.58	23.43		
15	QPSK	75	0	23.51	23.55	23.52		
15	16QAM	1	0	23.67	23.72	23.75		
15	16QAM	1	37	23.87	23.84	23.85	24.5	1
15	16QAM	1	74	23.74	23.70	23.68		
15	16QAM	36	0	22.57	22.53	22.57		
15	16QAM	36	20	22.60	22.57	22.51	23.5	2
15	16QAM	36	39	22.65	22.57	22.44		
15	16QAM	75	0	22.62	22.52	22.50		
15	64QAM	1	0	22.62	22.71	22.69		
15	64QAM	1	37	22.77	22.83	22.74	23.5	2
15	64QAM	1	74	22.66	22.64	22.54		
15	64QAM	36	0	21.79	21.68	21.56		
15	64QAM	36	20	21.79	21.60	21.52	22.5	3
15	64QAM	36	39	21.84	21.55	21.39		
15	64QAM	75	0	21.79	21.67	21.46		
15	256QAM	1	0	19.54	19.58	19.53		
15	256QAM	1	37	19.59	19.57	19.54	20.5	5
15	256QAM	1	74	19.62	19.56	19.55		
15	256QAM	36	0	19.57	19.57	19.63		
15	256QAM	36	20	19.60	19.53	19.55	20.5	5
15	256QAM	36	39	19.60	19.56	19.53		
15	256QAM	75	0	19.61	19.54	19.58		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.56	24.48	24.51		
10	QPSK	1	25	24.64	24.64	24.60	25.5	0
10	QPSK	1	49	24.52	24.42	24.42		
10	QPSK	25	0	23.52	23.53	23.59		
10	QPSK	25	12	23.55	23.56	23.62	24.5	1
10	QPSK	25	25	23.61	23.60	23.34		
10	QPSK	50	0	23.45	23.49	23.52		
10	16QAM	1	0	23.93	23.67	23.71		
10	16QAM	1	25	23.92	23.87	23.82	24.5	1
10	16QAM	1	49	23.79	23.75	23.70		
10	16QAM	25	0	22.58	22.43	22.62		
10	16QAM	25	12	22.53	22.53	22.54	23.5	2
10	16QAM	25	25	22.64	22.47	22.45		
10	16QAM	50	0	22.58	22.51	22.53		
10	64QAM	1	0	22.65	22.74	22.64		
10	64QAM	1	25	22.75	22.83	22.67	23.5	2
10	64QAM	1	49	22.68	22.54	22.45		
10	64QAM	25	0	21.69	21.72	21.57		
10	64QAM	25	12	21.83	21.52	21.44	22.5	3
10	64QAM	25	25	21.87	21.53	21.44		
10	64QAM	50	0	21.82	21.47	21.40		
10	256QAM	1	0	19.51	19.63	19.46		
10	256QAM	1	25	19.56	19.61	19.58	20.5	5
10	256QAM	1	49	19.58	19.60	19.60		
10	256QAM	25	0	19.61	19.62	19.53		
10	256QAM	25	12	19.60	19.57	19.47	20.5	5
10	256QAM	25	25	19.55	19.60	19.46		
10	256QAM	50	0	19.54	19.49	19.56		
Channel				26718	26892	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.49	24.47	24.55		
5	QPSK	1	12	24.56	24.63	24.62	25.5	0
5	QPSK	1	24	24.60	24.51	24.35		
5	QPSK	12	0	23.52	23.43	23.46		
5	QPSK	12	7	23.57	23.60	23.48	24.5	1
5	QPSK	12	13	23.56	23.51	23.48		
5	QPSK	25	0	23.55	23.58	23.52		
5	16QAM	1	0	23.65	23.65	23.68		
5	16QAM	1	12	23.86	23.80	23.84	24.5	1
5	16QAM	1	24	23.71	23.71	23.61		
5	16QAM	12	0	22.55	22.58	22.51		
5	16QAM	12	7	22.65	22.61	22.55	23.5	2
5	16QAM	12	13	22.61	22.49	22.44		
5	16QAM	25	0	22.54	22.45	22.53		
5	64QAM	1	0	22.58	22.66	22.69		
5	64QAM	1	12	22.76	22.80	22.70	23.5	2
5	64QAM	1	24	22.60	22.59	22.55		
5	64QAM	12	0	21.74	21.61	21.56		
5	64QAM	12	7	21.71	21.65	21.55	22.5	3
5	64QAM	12	13	21.81	21.58	21.45		
5	64QAM	25	0	21.77	21.52	21.42		
5	256QAM	1	0	19.57	19.48	19.51		
5	256QAM	1	12	19.50	19.58	19.48	20.5	5
5	256QAM	1	24	19.53	19.51	19.59		
5	256QAM	12	0	19.57	19.62	19.58		
5	256QAM	12	7	19.64	19.50	19.57	20.5	5
5	256QAM	12	13	19.63	19.54	19.46		
5	256QAM	25	0	19.51	19.48	19.62		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.53	24.50	24.49		
3	QPSK	1	8	24.57	24.55	24.57	25.5	0
3	QPSK	1	14	24.55	24.42	24.41		
3	QPSK	8	0	23.62	23.51	23.50		
3	QPSK	8	4	23.58	23.58	23.54	24.5	1
3	QPSK	8	7	23.61	23.59	23.34		
3	QPSK	15	0	23.50	23.46	23.44		
3	16QAM	1	0	23.69	23.65	23.76		
3	16QAM	1	8	23.85	23.77	23.83	24.5	1
3	16QAM	1	14	23.75	23.73	23.70		
3	16QAM	8	0	22.62	22.52	22.59		
3	16QAM	8	4	22.62	22.55	22.47	23.5	2
3	16QAM	8	7	22.59	22.55	22.40		
3	16QAM	15	0	22.61	22.51	22.52		
3	64QAM	1	0	22.62	22.64	22.68		
3	64QAM	1	8	22.78	22.75	22.66	23.5	2
3	64QAM	1	14	22.58	22.57	22.47		
3	64QAM	8	0	21.79	21.62	21.55		
3	64QAM	8	4	21.78	21.53	21.42	22.5	3
3	64QAM	8	7	21.83	21.58	21.36		
3	64QAM	15	0	21.74	21.50	21.48		
3	256QAM	1	0	19.56	19.59	19.50		
3	256QAM	1	8	19.58	19.47	19.57	20.5	5
3	256QAM	1	14	19.63	19.48	19.55		
3	256QAM	8	0	19.52	19.56	19.61		
3	256QAM	8	4	19.52	19.51	19.53	20.5	5
3	256QAM	8	7	19.58	19.59	19.44		
3	256QAM	15	0	19.66	19.59	19.58		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.53	24.46	24.46		
1.4	QPSK	1	3	24.58	24.60	24.57		
1.4	QPSK	1	5	24.62	24.58	24.47	25.5	0
1.4	QPSK	3	0	24.57	24.55	24.45		
1.4	QPSK	3	1	24.57	24.47	24.45		
1.4	QPSK	3	3	24.52	24.51	24.44		
1.4	QPSK	6	0	23.64	23.51	23.46	24.5	1
1.4	16QAM	1	0	23.55	23.41	23.47		
1.4	16QAM	1	3	23.56	23.42	23.48		
1.4	16QAM	1	5	23.56	23.49	23.45	24.5	1
1.4	16QAM	3	0	23.64	23.41	23.57		
1.4	16QAM	3	1	23.64	23.48	23.55		
1.4	16QAM	3	3	23.65	23.51	23.50		
1.4	16QAM	6	0	22.58	22.43	22.48	23.5	2
1.4	64QAM	1	0	22.48	22.56	22.61		
1.4	64QAM	1	3	22.61	22.54	22.51		
1.4	64QAM	1	5	22.57	22.45	22.55	23.5	2
1.4	64QAM	3	0	22.54	22.52	22.60		
1.4	64QAM	3	1	22.51	22.47	22.60		
1.4	64QAM	3	3	22.57	22.47	22.53		
1.4	64QAM	6	0	21.77	21.67	21.51	22.5	3
1.4	256QAM	1	0	19.54	19.54	19.54		
1.4	256QAM	1	3	19.62	19.57	19.57		
1.4	256QAM	1	5	19.62	19.55	19.56	20.5	5
1.4	256QAM	3	0	19.58	19.49	19.66		
1.4	256QAM	3	1	19.61	19.57	19.49		
1.4	256QAM	3	3	19.62	19.48	19.51		
1.4	256QAM	6	0	19.54	19.47	19.48	20.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.63	23.68	23.66		
15	QPSK	1	37	23.78	23.79	23.67	24.5	0
15	QPSK	1	74	23.70	23.65	23.58		
15	QPSK	36	0	23.61	23.66	23.65		
15	QPSK	36	20	23.70	23.77	23.60	24.5	0
15	QPSK	36	39	23.66	23.63	23.54		
15	QPSK	75	0	23.60	23.65	23.61		
15	16QAM	1	0	23.77	23.74	23.64		
15	16QAM	1	37	23.69	23.60	23.53	24.5	0
15	16QAM	1	74	23.54	23.62	23.61		
15	16QAM	36	0	22.59	22.65	22.59		
15	16QAM	36	20	22.71	22.72	22.65	23.5	1
15	16QAM	36	39	22.63	22.57	22.51		
15	16QAM	75	0	22.59	22.64	22.56		
15	64QAM	1	0	22.72	22.71	22.63		
15	64QAM	1	37	22.63	22.57	22.50	23.5	1
15	64QAM	1	74	22.50	22.57	22.58		
15	64QAM	36	0	21.82	21.81	21.67		
15	64QAM	36	20	21.81	21.66	21.61	22.5	2
15	64QAM	36	39	21.88	21.65	21.55		
15	64QAM	75	0	21.85	21.72	21.59		
15	256QAM	1	0	19.59	19.64	19.67		
15	256QAM	1	37	19.79	19.72	19.59	20.5	4
15	256QAM	1	74	19.68	19.58	19.53		
15	256QAM	36	0	19.54	19.66	19.60		
15	256QAM	36	20	19.68	19.70	19.61	20.5	4
15	256QAM	36	39	19.57	19.58	19.53		
15	256QAM	75	0	19.55	19.56	19.49		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.59	23.62	23.66		
10	QPSK	1	25	23.74	23.72	23.61	24.5	0
10	QPSK	1	49	23.63	23.62	23.48		
10	QPSK	25	0	23.62	23.62	23.57		
10	QPSK	25	12	23.72	23.70	23.62	24.5	0
10	QPSK	25	25	23.60	23.57	23.50		
10	QPSK	50	0	23.59	23.56	23.58		
10	16QAM	1	0	23.71	23.69	23.59		
10	16QAM	1	25	23.62	23.59	23.49	24.5	0
10	16QAM	1	49	23.49	23.53	23.56		
10	16QAM	25	0	22.59	22.58	22.48		
10	16QAM	25	12	22.69	22.67	22.60	23.5	1
10	16QAM	25	25	22.59	22.56	22.41		
10	16QAM	50	0	22.56	22.59	22.53		
10	64QAM	1	0	22.64	22.63	22.61		
10	64QAM	1	25	22.56	22.50	22.47	23.5	1
10	64QAM	1	49	22.46	22.52	22.54		
10	64QAM	25	0	21.73	21.74	21.61		
10	64QAM	25	12	21.72	21.60	21.56	22.5	2
10	64QAM	25	25	21.83	21.59	21.49		
10	64QAM	50	0	21.75	21.38	21.55		
10	256QAM	1	0	19.57	19.56	19.62		
10	256QAM	1	25	19.76	19.66	19.50	20.5	4
10	256QAM	1	49	19.59	19.54	19.48		
10	256QAM	25	0	19.47	19.65	19.51		
10	256QAM	25	12	19.58	19.64	19.53	20.5	4
10	256QAM	25	25	19.51	19.51	19.50		
10	256QAM	50	0	19.51	19.54	19.45		
Channel				26718	26892	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.57	23.63	23.56		
5	QPSK	1	12	23.74	23.75	23.57	24.5	0
5	QPSK	1	24	23.64	23.56	23.57		
5	QPSK	12	0	23.55	23.61	23.64		
5	QPSK	12	7	23.67	23.73	23.60	24.5	0
5	QPSK	12	13	23.54	23.55	23.45		
5	QPSK	25	0	23.51	23.55	23.57		
5	16QAM	1	0	23.73	23.63	23.61		
5	16QAM	1	12	23.59	23.57	23.44	24.5	0
5	16QAM	1	24	23.50	23.62	23.60		
5	16QAM	12	0	22.58	22.56	22.53		
5	16QAM	12	7	22.68	22.66	22.60	23.5	1
5	16QAM	12	13	22.54	22.54	22.47		
5	16QAM	25	0	22.53	22.61	22.51		
5	64QAM	1	0	22.64	22.60	22.57		
5	64QAM	1	12	22.61	22.51	22.45	23.5	1
5	64QAM	1	24	22.46	22.51	22.47		
5	64QAM	12	0	21.77	21.74	21.62		
5	64QAM	12	7	21.71	21.64	21.57	22.5	2
5	64QAM	12	13	21.78	21.58	21.50		
5	64QAM	25	0	21.74	21.48	21.49		
5	256QAM	1	0	19.54	19.65	19.56		
5	256QAM	1	12	19.74	19.67	19.54	20.5	4
5	256QAM	1	24	19.62	19.52	19.50		
5	256QAM	12	0	19.47	19.66	19.53		
5	256QAM	12	7	19.62	19.64	19.52	20.5	4
5	256QAM	12	13	19.58	19.55	19.52		
5	256QAM	25	0	19.51	19.51	19.38		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.62	23.58	23.59		
3	QPSK	1	8	23.68	23.72	23.57	24.5	0
3	QPSK	1	14	23.69	23.62	23.57		
3	QPSK	8	0	23.54	23.64	23.54		
3	QPSK	8	4	23.65	23.71	23.59	24.5	0
3	QPSK	8	7	23.58	23.58	23.45		
3	QPSK	15	0	23.57	23.60	23.54		
3	16QAM	1	0	23.71	23.64	23.59		
3	16QAM	1	8	23.63	23.60	23.52

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	20.34	20.28	20.28		
20	QPSK	1	49	20.35	20.43	20.42	21.5	0
20	QPSK	1	99	20.16	20.20	20.19		
20	QPSK	50	0	19.33	19.28	19.28		
20	QPSK	50	24	19.40	19.36	19.36	20.5	1
20	QPSK	50	50	19.27	19.31	19.30		
20	QPSK	100	0	19.31	19.32	19.30		
20	16QAM	1	0	19.45	19.44	19.45		
20	16QAM	1	49	19.56	19.64	19.62	20.5	1
20	16QAM	1	99	19.31	19.31	19.31		
20	16QAM	50	0	18.38	18.24	18.28		
20	16QAM	50	24	18.34	18.30	18.34	19.5	2
20	16QAM	50	50	18.23	18.31	18.32		
20	16QAM	100	0	18.26	18.24	18.29		
20	64QAM	1	0	18.39	18.41	18.44		
20	64QAM	1	49	18.43	18.49	18.54	19.5	2
20	64QAM	1	99	18.28	18.29	18.34		
20	64QAM	50	0	17.32	17.25	17.24		
20	64QAM	50	24	17.33	17.32	17.32	18.5	3
20	64QAM	50	50	17.21	17.30	17.35		
20	64QAM	100	0	17.22	17.31	17.24		
20	256QAM	1	0	15.39	15.34	15.32		
20	256QAM	1	49	15.43	15.31	15.33	16.5	5
20	256QAM	1	99	15.35	15.42	15.31		
20	256QAM	50	0	15.41	15.37	15.35		
20	256QAM	50	24	15.43	15.40	15.36	16.5	5
20	256QAM	50	50	15.36	15.42	15.29		
20	256QAM	100	0	15.32	15.43	15.32		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.34	20.19	20.19		
15	QPSK	1	37	20.35	20.42	20.34	21.5	0
15	QPSK	1	74	20.20	20.20	20.11		
15	QPSK	36	0	19.24	19.30	19.20		
15	QPSK	36	20	19.40	19.45	19.33	20.5	1
15	QPSK	36	39	19.22	19.25	19.23		
15	QPSK	75	0	19.30	19.29	19.28		
15	16QAM	1	0	19.46	19.46	19.44		
15	16QAM	1	37	19.45	19.56	19.58	20.5	1
15	16QAM	1	74	19.33	19.31	19.23		
15	16QAM	36	0	18.28	18.17	18.24		
15	16QAM	36	20	18.35	18.34	18.39	19.5	2
15	16QAM	36	39	18.14	18.30	18.30		
15	16QAM	75	0	18.26	18.14	18.26		
15	64QAM	1	0	18.43	18.32	18.48		
15	64QAM	1	37	18.45	18.43	18.44	19.5	2
15	64QAM	1	74	18.29	18.21	18.37		
15	64QAM	36	0	17.26	17.16	17.26		
15	64QAM	36	20	17.34	17.31	17.29	18.5	3
15	64QAM	36	39	17.16	17.25	17.31		
15	64QAM	75	0	17.21	17.27	17.28		
15	256QAM	1	0	15.42	15.29	15.31		
15	256QAM	1	37	15.42	15.29	15.27	16.5	5
15	256QAM	1	74	15.30	15.38	15.32		
15	256QAM	36	0	15.40	15.36	15.36		
15	256QAM	36	20	15.46	15.39	15.27	16.5	5
15	256QAM	36	39	15.40	15.41	15.21		
15	256QAM	75	0	15.32	15.35	15.29		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.35	20.29	20.22		
10	QPSK	1	25	20.30	20.33	20.40	21.5	0
10	QPSK	1	49	20.10	20.24	20.16		
10	QPSK	25	0	19.30	19.22	19.33		
10	QPSK	25	12	19.43	19.37	19.40	20.5	1
10	QPSK	25	25	19.21	19.27	19.34		
10	QPSK	50	0	19.35	19.23	19.34		
10	16QAM	1	0	19.38	19.40	19.42		
10	16QAM	1	25	19.45	19.48	19.53	20.5	1
10	16QAM	1	49	19.31	19.29	19.21		
10	16QAM	25	0	18.40	18.17	18.31		
10	16QAM	25	12	18.29	18.34	18.29	19.5	2
10	16QAM	25	25	18.26	18.35	18.36		
10	16QAM	50	0	18.31	18.19	18.22		
10	64QAM	1	0	18.37	18.31	18.37		
10	64QAM	1	25	18.33	18.39	18.57	19.5	2
10	64QAM	1	49	18.29	18.31	18.36		
10	64QAM	25	0	17.27	17.22	17.25		
10	64QAM	25	12	17.31	17.33	17.26	18.5	3
10	64QAM	25	25	17.26	17.25	17.30		
10	64QAM	50	0	17.19	17.23	17.14		
10	256QAM	1	0	15.33	15.35	15.26		
10	256QAM	1	25	15.44	15.26	15.27	16.5	5
10	256QAM	1	49	15.27	15.41	15.23		
10	256QAM	25	0	15.37	15.27	15.32		
10	256QAM	25	12	15.35	15.40	15.35	16.5	5
10	256QAM	25	25	15.32	15.35	15.30		
10	256QAM	50	0	15.24	15.40	15.37		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.34	20.19	20.25		
5	QPSK	1	12	20.29	20.34	20.40	21.5	0
5	QPSK	1	24	20.19	20.12	20.12		
5	QPSK	12	0	19.18	19.18	19.18		
5	QPSK	12	7	19.45	19.43	19.30	20.5	1
5	QPSK	12	13	19.17	19.33	19.23		
5	QPSK	25	0	19.21	19.32	19.28		
5	16QAM	1	0	19.35	19.46	19.44		
5	16QAM	1	12	19.49	19.56	19.52	20.5	1
5	16QAM	1	24	19.21	19.24	19.27		
5	16QAM	12	0	18.37	18.18	18.20		
5	16QAM	12	7	18.31	18.22	18.34	19.5	2
5	16QAM	12	13	18.22	18.23	18.36		
5	16QAM	25	0	18.19	18.18	18.32		
5	64QAM	1	0	18.38	18.45	18.47		
5	64QAM	1	12	18.49	18.47	18.53	19.5	2
5	64QAM	1	24	18.18	18.27	18.24		
5	64QAM	12	0	17.26	17.30	17.25		
5	64QAM	12	7	17.26	17.22	17.30	18.5	3
5	64QAM	12	13	17.15	17.21	17.40		
5	64QAM	25	0	17.26	17.24	17.16		
5	256QAM	1	0	15.35	15.27	15.36		
5	256QAM	1	12	15.44	15.28	15.31	16.5	5
5	256QAM	1	24	15.40	15.41	15.34		
5	256QAM	12	0	15.43	15.36	15.29		
5	256QAM	12	7	15.39	15.37	15.33	16.5	5
5	256QAM	12	13	15.31	15.35	15.29		
5	256QAM	25	0	15.38	15.42	15.28		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.32	20.26	20.27		
3	QPSK	1	8	20.31	20.35	20.35	21.5	0
3	QPSK	1	14	20.16	20.13	20.15		
3	QPSK	8	0	19.26	19.21	19.18		
3	QPSK	8	4	19.42	19.41	19.31	20.5	1
3	QPSK	8	7	19.29	19.29	19.28		
3	QPSK	15	0	19.27	19.35	19.33		
3	16QAM	1	0	19.49	19.45	19.41		
3	16QAM	1	8	19.42	19.47	19.56	20.5	1
3	16QAM	1	14	19.23	19.33	19.34		
3	16QAM	8	0	18.20	18.23	18.23		
3	16QAM	8	4	18.38	18.20	18.37	19.5	2
3	16QAM	8	7	18.20	18.21	18.36		
3	16QAM	15	0	18.29	18.17	18.23		
3	64QAM	1	0	18.31	18.32	18.34		
3	64QAM	1	8	18.34	18.45	18.47	19.5	2
3	64QAM	1	14	18.19	18.34	18.34		
3	64QAM	8	0	17.32	17.25	17.24		
3	64QAM	8	4	17.25	17.29	17.28	18.5	3
3	64QAM	8	7	17.26	17.22	17.30		
3	64QAM	15	0	17.17	17.18	17.27		
3	256QAM	1	0	15.35	15.28	15.36		
3	256QAM	1	8	15.47	15.33	15.30	16.5	5
3	256QAM	1	14	15.33	15.41	15.33		
3	256QAM	8	0	15.41	15.41	15.36		
3	256QAM	8	4	15.47	15.40	15.41	16.5	5
3	256QAM	8	7	15.38	15.37	15.19		
3	256QAM	15	0	15.32	15.23	15.34		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.29	20.33	20.21		
1.4	QPSK	1	3	20.29	20.33	20.18		
1.4	QPSK	1	5	20.34	20.28	20.30	21.5	0
1.4	QPSK	3	0	20.36	20.31	20.21		
1.4	QPSK	3	1	20.31	20.21	20.30		
1.4	QPSK	3	3	20.39	20.28	20.31		
1.4	QPSK	6	0	19.41	19.44	19.42	20.5	1
1.4	16QAM	1	0	19.43	19.35	19.44		
1.4	16QAM	1	3	19.42	19.36	19.50		
1.4	16QAM	1	5	19.41	19.46	19.35	20.5	1
1.4	16QAM	3	0	19.35	19.47	19.36		
1.4	16QAM	3	1	19.45	19.45	19.38		
1.4	16QAM	3	3	19.44	19.34	19.45		
1.4	16QAM	6	0	18.38	18.19	18.26	19.5	2
1.4	64QAM	1	0	18.34	18.14	18.19		
1.4	64QAM	1	3	18.33	18.16	18.19		
1.4	64QAM	1	5	18.38	18.14	18.21	19.5	2
1.4	64QAM	3	0	18.38	18.14	18.24		
1.4	64QAM	3	1	18.39	18.17	18.22		
1.4	64QAM	3	3	18.40	18.19	18.26		
1.4	64QAM	6	0	17.19	17.26	17.28	18.5	3
1.4	256QAM	1	0	15.41	15.31	15.34		
1.4	256QAM	1	3	15.34	15.23	15.32		
1.4	256QAM	1	5	15.31	15.34	15.22	16.5	5
1.4	256QAM	3	0	15.37	15.34	15.27		
1.4	256QAM	3	1	15.48	15.42	15.39		
1.4	256QAM	3	3	15.34	15.45	15.22		
1.4	256QAM	6	0	15.22	15.46	15.32	16.5	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	17.15	17.21	17.24		
20	QPSK	1	49	17.24	17.45	17.33	18.5	0
20	QPSK	1	99	17.01	17.08	17.04		
20	QPSK	50	0	17.24	17.35	17.31		
20	QPSK	50	24	17.41	17.42	17.38	18.5	0
20	QPSK	50	50	17.26	17.36	17.28		
20	QPSK	100	0	17.29	17.39	17.38		
20	16QAM	1	0	17.25	17.17	17.31		
20	16QAM	1	49	17.27	17.38	17.41	18.5	0
20	16QAM	1	99	17.13	17.22	17.14		
20	16QAM	50	0	17.05	17.13	17.20		
20	16QAM	50	24	17.11	17.11	17.22	18.5	0
20	16QAM	50	50	17.07	17.12	17.12		
20	16QAM	100	0	17.25	17.30	17.06		
20	64QAM	1	0	17.31	17.36	17.41		
20	64QAM	1	49	17.32	17.33	17.41	18.5	0
20	64QAM	1	99	17.24	17.32	17.16		
20	64QAM	50	0	17.28	17.42	17.41		
20	64QAM	50	24	17.33	17.38	17.41	18.5	0
20	64QAM	50	50	17.27	17.39	17.34		
20	64QAM	100	0	17.26	17.42	17.43		
20	256QAM	1	0	17.11	17.14	17.16		
20	256QAM	1	49	17.15	17.38	17.28	18.5	0
20	256QAM	1	99	17.01	17.00	16.98		
20	256QAM	50	0	17.13	17.31	17.23		
20	256QAM	50	24	17.42	17.34	17.32	18.5	0
20	256QAM	50	50	17.22	17.27	17.20		
20	256QAM	100	0	17.21	17.28	17.33		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.09	17.21	17.18		
15	QPSK	1	37	17.19	17.40	17.23	18.5	0
15	QPSK	1	74	16.94	17.09	16.92		
15	QPSK	36	0	17.21	17.32	17.22		
15	QPSK	36	20	17.35	17.36	17.35	18.5	0
15	QPSK	36	39	17.19	17.26	17.24		
15	QPSK	75	0	17.22	17.30	17.32		
15	16QAM	1	0	17.25	17.15	17.24		
15	16QAM	1	37	17.22	17.29	17.34	18.5	0
15	16QAM	1	74	17.11	17.15	17.10		
15	16QAM	36	0	16.99	17.06	17.17		
15	16QAM	36	20	17.09	17.09	17.17	18.5	0
15	16QAM	36	39	17.29	17.16	17.08		
15	16QAM	75	0	17.21	17.27	17.00		
15	64QAM	1	0	17.27	17.35	17.36		
15	64QAM	1	37	17.29	17.26	17.40	18.5	0
15	64QAM	1	74	17.21	17.26	17.22		
15	64QAM	36	0	17.17	17.37	17.39		
15	64QAM	36	20	17.26	17.32	17.39	18.5	0
15	64QAM	36	39	17.25	17.37	17.28		
15	64QAM	75	0	17.26	17.42	17.42		
15	256QAM	1	0	17.12	17.06	17.07		
15	256QAM	1	37	17.04	17.36	17.19	18.5	0
15	256QAM	1	74	16.97	16.98	16.87		
15	256QAM	36	0	17.04	17.31	17.13		
15	256QAM	36	20	17.37	17.27	17.28	18.5	0
15	256QAM	36	39	17.17	17.20	17.15		
15	256QAM	75	0	17.21	17.25	17.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.10	17.16	17.14		
10	QPSK	1	25	17.14	17.42	17.34	18.5	0
10	QPSK	1	49	16.92	17.02	16.98		
10	QPSK	25	0	17.20	17.29	17.24		
10	QPSK	25	12	17.37	17.41	17.39	18.5	0
10	QPSK	25	25	17.22	17.31	17.24		
10	QPSK	50	0	17.19	17.32	17.31		
10	16QAM	1	0	17.21	17.14	17.25		
10	16QAM	1	25	17.20	17.33	17.32	18.5	0
10	16QAM	1	49	17.06	17.16	17.03		
10	16QAM	25	0	17.06	17.06	17.15		
10	16QAM	25	12	17.00	16.99	17.12	18.5	0
10	16QAM	25	25	17.32	17.07	17.11		
10	16QAM	50	0	17.23	17.25	16.98		
10	64QAM	1	0	17.22	17.28	17.34		
10	64QAM	1	25	17.23	17.27	17.35	18.5	0
10	64QAM	1	49	17.18	17.22	17.06		
10	64QAM	25	0	17.23	17.37	17.39		
10	64QAM	25	12	17.28	17.31	17.34	18.5	0
10	64QAM	25	25	17.22	17.31	17.31		
10	64QAM	50	0	17.18	17.31	17.44		
10	256QAM	1	0	17.01	17.06	17.13		
10	256QAM	1	25	17.08	17.35	17.25	18.5	0
10	256QAM	1	49	16.92	16.93	16.92		
10	256QAM	25	0	17.07	17.23	17.21		
10	256QAM	25	12	17.38	17.33	17.23	18.5	0
10	256QAM	25	25	17.16	17.24	17.12		
10	256QAM	50	0	17.23	17.28	17.28		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.11	17.10	17.18		
5	QPSK	1	12	17.18	17.40	17.29	18.5	0
5	QPSK	1	24	16.96	17.03	17.00		
5	QPSK	12	0	17.13	17.32	17.26		
5	QPSK	12	7	17.40	17.31	17.37	18.5	0
5	QPSK	12	13	17.23	17.31	17.28		
5	QPSK	25	0	17.18	17.29	17.34		
5	16QAM	1	0	17.22	17.10	17.24		
5	16QAM	1	12	17.23	17.34	17.39	18.5	0
5	16QAM	1	24	17.05	17.17	17.08		
5	16QAM	12	0	17.02	17.04	17.15		
5	16QAM	12	7	17.10	17.14	17.13	18.5	0
5	16QAM	12	13	17.35	17.10	17.04		
5	16QAM	25	0	17.18	17.22	17.00		
5	64QAM	1	0	17.28	17.33	17.32		
5	64QAM	1	12	17.29	17.31	17.41	18.5	0
5	64QAM	1	24	17.12	17.21	17.15		
5	64QAM	12	0	17.24	17.35	17.37		
5	64QAM	12	7	17.29	17.33	17.35	18.5	0
5	64QAM	12	13	17.22	17.31	17.31		
5	64QAM	25	0	17.18	17.35	17.39		
5	256QAM	1	0	17.08	17.10	17.12		
5	256QAM	1	12	17.13	17.29	17.29	18.5	0
5	256QAM	1	24	16.94	16.92	16.91		
5	256QAM	12	0	17.06	17.26	17.12		
5	256QAM	12	7	17.39	17.26	17.28	18.5	0
5	256QAM	12	13	17.13	17.19	17.16		
5	256QAM	25	0	17.16	17.24	17.29		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.07	17.10	17.15		
3	QPSK	1	8	17.18	17.36	17.26	18.5	0
3	QPSK	1	14	16.92	17.00	16.94		
3	QPSK	8	0	17.15	17.30	17.25		
3	QPSK	8	4	17.30	17.39	17.29	18.5	0
3	QPSK	8	7	17.19	17.31	17.23		
3	QPSK	15	0	17.23	17.35	17.34		
3	16QAM	1	0	17.20	17.05	17.32		
3	16QAM	1	8	17.19	17.33	17.39	18.5	0
3	16QAM	1	14	17.07	17.11	17.08		
3	16QAM	8	0	17.04	17.00	17.14		
3	16QAM	8	4	17.05	17.03	17.17	18.5	0
3	16QAM	8	7	17.31	17.04	17.07		
3	16QAM	15	0	17.25	17.20	16.99		
3	64QAM	1	0	17.22	17.29	17.36		
3	64QAM	1	8	17.27	17.47	17.40	18.5	0
3	64QAM	1	14	17.12	17.24	17.07		
3	64QAM	8	0	17.19	17.34	17.30		
3	64QAM	8	4	17.30	17.34	17.32	18.5	0
3	64QAM	8	7	17.27	17.26	17.26		
3	64QAM	15	0	17.20	17.35	17.39		
3	256QAM	1	0	17.09	17.03	17.13		
3	256QAM	1	8	17.09	17.33	17.16	18.5	0
3	256QAM	1	14	16.95	16.97	16.89		
3	256QAM	8	0	17.06	17.25	17.18		
3	256QAM	8	4	17.38	17.30	17.23	18.5	0
3	256QAM	8	7	17.17	17.37	17.12		
3	256QAM	15	0	17.15	17.29	17.28		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.04	17.16	17.20		
1.4	QPSK	1	3	17.15	17.33	17.30		
1.4	QPSK	1	5	16.92	17.09	17.04	18.5	0
1.4	QPSK	3	0	17.21	17.24	17.23		
1.4	QPSK	3	1	17.33	17.35	17.35		
1.4	QPSK	3	3	17.21	17.28	17.20		
1.4	QPSK	6	0	17.21	17.25	17.24	18.5	0
1.4	16QAM	1	0	17.25	17.10	17.29		
1.4	16QAM	1	3	17.21	17.28	17.38		
1.4	16QAM	1	5	17.07	17.18	17.09	18.5	0
1.4	16QAM	3	0	17.00	17.11	17.18		
1.4	16QAM	3	1	17.09	17.02	17.14		
1.4	16QAM	3	3	17.30	17.02	17.11		
1.4	16QAM	6	0	17.20	17.25	17.02	18.5	0
1.4	64QAM	1	0	17.26	17.26	17.40		
1.4	64QAM	1	3	17.28	17.28	17.35		
1.4	64QAM	1	5	17.16	17.28	17.10	18.5	0
1.4	64QAM	3	0	17.29	17.37	17.42		
1.4	64QAM	3	1	17.29	17.29	17.38		
1.4	64QAM	3	3	17.23	17.36	17.24		
1.4	64QAM	6	0	17.15	17.38	17.38	18.5	0
1.4	256QAM	1	0	17.04	17.04	17.13		
1.4	256QAM	1	3	17.10	17.37	17.27		
1.4	256QAM	1	5	16.93	16.92	16.97	18.5	0
1.4	256QAM	3	0	17.04	17.19	17.12		
1.4	256QAM	3	1	17.39	17.33	17.23		
1.4	256QAM	3	3	17.16	17.17	17.11		
1.4	256QAM	6	0	17.14	17.25	17.28	18.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.09	21.19	21.25		
20	QPSK	1	49	21.28	21.39	21.36	22.2	0
20	QPSK	1	99	21.00	21.11	21.08		
20	QPSK	50	0	21.15	21.33	21.33		
20	QPSK	50	24	21.17	21.35	21.34	22.2	0
20	QPSK	50	50	21.13	21.25	21.22		
20	QPSK	100	0	21.22	21.29	21.26		
20	16QAM	1	0	21.00	21.05	21.10		
20	16QAM	1	49	21.06	21.28	21.25	22.2	0
20	16QAM	1	99	20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.52	20.40	20.32	21.5	0
20	QPSK	1	49	20.55	20.65	20.54		
20	QPSK	1	99	20.51	20.41	20.43		
20	QPSK	50	0	19.55	19.47	19.47	20.5	1
20	QPSK	50	24	19.57	19.63	19.52		
20	QPSK	50	50	19.55	19.48	19.49		
20	QPSK	100	0	19.46	19.55	19.49		
20	16QAM	1	0	19.50	19.34	19.30	20.5	1
20	16QAM	1	49	19.63	19.52	19.53		
20	16QAM	1	99	19.46	19.36	19.41		
20	16QAM	50	0	18.56	18.46	18.47	19.5	2
20	16QAM	50	24	18.65	18.53	18.54		
20	16QAM	50	50	18.58	18.45	18.52		
20	16QAM	100	0	18.56	18.44	18.48		
20	64QAM	1	0	18.23	18.12	18.08	19.5	2
20	64QAM	1	49	18.38	18.26	18.25		
20	64QAM	1	99	18.24	18.12	18.17		
20	64QAM	50	0	17.52	17.42	17.45	18.5	3
20	64QAM	50	24	17.60	17.48	17.48		
20	64QAM	50	50	17.53	17.43	17.47		
20	64QAM	100	0	17.51	17.43	17.47		
20	256QAM	1	0	15.23	15.22	15.12	16.5	5
20	256QAM	1	49	15.13	15.18	15.26		
20	256QAM	1	99	15.23	15.12	15.16		
20	256QAM	50	0	15.20	15.20	15.17	16.5	5
20	256QAM	50	24	15.26	15.25	15.20		
20	256QAM	50	50	15.24	15.23	15.14		
20	256QAM	100	0	15.23	15.18	15.23		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.49	20.32	20.26	21.5	0
15	QPSK	1	37	20.53	20.64	20.58		
15	QPSK	1	74	20.42	20.38	20.36		
15	QPSK	36	0	19.51	19.39	19.46	20.5	1
15	QPSK	36	20	19.57	19.60	19.54		
15	QPSK	36	39	19.59	19.39	19.47		
15	QPSK	75	0	19.41	19.52	19.40		
15	16QAM	1	0	19.52	19.27	19.26	20.5	1
15	16QAM	1	37	19.61	19.47	19.54		
15	16QAM	1	74	19.49	19.40	19.37		
15	16QAM	36	0	18.55	18.45	18.48	19.5	2
15	16QAM	36	20	18.66	18.52	18.57		
15	16QAM	36	39	18.58	18.46	18.45		
15	16QAM	75	0	18.57	18.40	18.43		
15	64QAM	1	0	18.28	18.12	18.06	19.5	2
15	64QAM	1	37	18.33	18.24	18.16		
15	64QAM	1	74	18.20	18.02	18.14		
15	64QAM	36	0	17.46	17.40	17.37	18.5	3
15	64QAM	36	20	17.50	17.50	17.49		
15	64QAM	36	39	17.56	17.48	17.42		
15	64QAM	75	0	17.46	17.45	17.38		
15	256QAM	1	0	15.18	15.15	15.02	16.5	5
15	256QAM	1	37	15.05	15.18	15.18		
15	256QAM	1	74	15.28	15.02	15.11		
15	256QAM	36	0	15.21	15.15	15.20	16.5	5
15	256QAM	36	20	15.20	15.27	15.23		
15	256QAM	36	39	15.28	15.14	15.11		
15	256QAM	75	0	15.28	15.21	15.19		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.50	20.43	20.37	21.5	0
10	QPSK	1	25	20.55	20.60	20.53		
10	QPSK	1	49	20.54	20.43	20.41		
10	QPSK	25	0	19.46	19.40	19.51	20.5	1
10	QPSK	25	12	19.57	19.66	19.42		
10	QPSK	25	25	19.52	19.43	19.41		
10	QPSK	50	0	19.40	19.58	19.44		
10	16QAM	1	0	19.50	19.29	19.22	20.5	1
10	16QAM	1	25	19.55	19.55	19.52		
10	16QAM	1	49	19.47	19.31	19.36		
10	16QAM	25	0	18.51	18.38	18.41	19.5	2
10	16QAM	25	12	18.63	18.49	18.50		
10	16QAM	25	25	18.46	18.49	18.43		
10	16QAM	50	0	18.49	18.39	18.38		
10	64QAM	1	0	18.26	18.14	18.13	19.5	2
10	64QAM	1	25	18.38	18.29	18.27		
10	64QAM	1	49	18.25	18.06	18.10		
10	64QAM	25	0	17.56	17.33	17.47	18.5	3
10	64QAM	25	12	17.51	17.38	17.44		
10	64QAM	25	25	17.56	17.45	17.44		
10	64QAM	50	0	17.51	17.34	17.51		
10	256QAM	1	0	15.21	15.27	15.13	16.5	5
10	256QAM	1	25	15.09	15.21	15.16		
10	256QAM	1	49	15.23	15.04	15.17		
10	256QAM	25	0	15.13	15.15	15.08	16.5	5
10	256QAM	25	12	15.30	15.16	15.11		
10	256QAM	25	25	15.15	15.21	15.14		
10	256QAM	50	0	15.21	15.08	15.22		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.49	20.33	20.26	21.5	0
5	QPSK	1	12	20.60	20.64	20.54		
5	QPSK	1	24	20.53	20.44	20.33		
5	QPSK	12	0	19.56	19.37	19.43	20.5	1
5	QPSK	12	7	19.58	19.59	19.46		
5	QPSK	12	13	19.49	19.41	19.48		
5	QPSK	25	0	19.40	19.57	19.41		
5	16QAM	1	0	19.48	19.33	19.20	20.5	1
5	16QAM	1	12	19.65	19.57	19.58		
5	16QAM	1	24	19.44	19.29	19.31		
5	16QAM	12	0	18.51	18.51	18.46	19.5	2
5	16QAM	12	7	18.66	18.50	18.55		
5	16QAM	12	13	18.56	18.37	18.43		
5	16QAM	25	0	18.46	18.48	18.43		
5	64QAM	1	0	18.23	18.09	18.11	19.5	2
5	64QAM	1	12	18.41	18.26	18.21		
5	64QAM	1	24	18.18	18.13	18.13		
5	64QAM	12	0	17.55	17.42	17.47	18.5	3
5	64QAM	12	7	17.60	17.42	17.50		
5	64QAM	12	13	17.49	17.39	17.50		
5	64QAM	25	0	17.46	17.38	17.52		
5	256QAM	1	0	15.18	15.22	15.03	16.5	5
5	256QAM	1	12	15.16	15.11	15.31		
5	256QAM	1	24	15.28	15.02	15.21		
5	256QAM	12	0	15.19	15.10	15.22	16.5	5
5	256QAM	12	7	15.20	15.26	15.24		
5	256QAM	12	13	15.14	15.25	15.06		
5	256QAM	25	0	15.27	15.11	15.20		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.82	19.70	19.76	20.5	0
20	QPSK	1	49	19.88	19.98	19.94		
20	QPSK	1	99	19.87	19.81	19.88		
20	QPSK	50	0	19.90	19.79	19.86	20.5	0
20	QPSK	50	24	19.94	19.96	19.92		
20	QPSK	50	50	19.88	19.80	19.91		
20	QPSK	100	0	19.86	19.87	19.86		
20	16QAM	1	0	19.76	19.78	19.69	20.5	0
20	16QAM	1	49	19.91	19.96	19.88		
20	16QAM	1	99	19.83	19.78	19.86		
20	16QAM	50	0	19.87	19.82	19.93	20.5	0
20	16QAM	50	24	19.97	19.84	19.94		
20	16QAM	50	50	19.94	19.85	19.90		
20	16QAM	100	0	19.87	19.82	19.89		
20	64QAM	1	0	19.55	19.57	19.53	20.5	0
20	64QAM	1	49	19.66	19.65	19.77		
20	64QAM	1	99	19.66	19.58	19.76		
20	64QAM	50	0	19.89	19.83	19.93	20.5	0
20	64QAM	50	24	19.93	19.88	19.95		
20	64QAM	50	50	19.91	19.86	19.92		
20	64QAM	100	0	19.89	19.87	19.90		
20	256QAM	1	0	19.73	19.64	19.66	20.5	0
20	256QAM	1	49	19.78	19.94	19.87		
20	256QAM	1	99	19.79	19.77	19.83		
20	256QAM	50	0	19.82	19.79	19.81	20.5	0
20	256QAM	50	24	19.88	19.90	19.84		
20	256QAM	50	50	19.82	19.75	19.90		
20	256QAM	100	0	19.82	19.77	19.86		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.81	19.68	19.72	20.5	0
15	QPSK	1	37	19.78	19.97	19.87		
15	QPSK	1	74	19.84	19.80	19.78		
15	QPSK	36	0	19.90	19.72	19.81	20.5	0
15	QPSK	36	20	19.86	19.90	19.93		
15	QPSK	36	39	19.82	19.72	19.82		
15	QPSK	75	0	19.84	19.84	19.80		
15	16QAM	1	0	19.73	19.74	19.64	20.5	0
15	16QAM	1	37	19.83	19.91	19.81		
15	16QAM	1	74	19.80	19.72	19.82		
15	16QAM	36	0	19.81	19.77	19.84	20.5	0
15	16QAM	36	20	19.92	19.72	19.85		
15	16QAM	36	39	19.90	19.80	19.87		
15	16QAM	75	0	19.81	19.82	19.88		
15	64QAM	1	0	19.49	19.51	19.45	20.5	0
15	64QAM	1	37	19.59	19.62	19.74		
15	64QAM	1	74	19.63	19.51	19.71		
15	64QAM	36	0	19.86	19.73	19.86	20.5	0
15	64QAM	36	20	19.85	19.76	19.89		
15	64QAM	36	39	19.87	19.74	19.86		
15	64QAM	75	0	19.82	19.82	19.81		
15	256QAM	1	0	19.64	19.61	19.58	20.5	0
15	256QAM	1	37	19.70	19.88	19.82		
15	256QAM	1	74	19.75	19.73	19.75		
15	256QAM	36	0	19.76	19.71	19.75	20.5	0
15	256QAM	36	20	19.87	19.81	19.78		
15	256QAM	36	39	19.81	19.74	19.83		
15	256QAM	75	0	19.82	19.68	19.76		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.79	19.63	19.66	20.5	0
10	QPSK	1	25	19.88	19.95	19.92		
10	QPSK	1	49	19.81	19.77	19.84		
10	QPSK	25	0	19.84	19.70	19.82	20.5	0
10	QPSK	25	12	19.84	19.84	19.83		
10	QPSK	25	25	19.85	19.77	19.86		
10	QPSK	50	0	19.83	19.82	19.82		
10	16QAM	1	0	19.71	19.73	19.64	20.5	0
10	16QAM	1	25	19.83	19.85	19.83		
10	16QAM	1	49	19.79	19.76	19.85		
10	16QAM	25	0	19.86	19.78	19.89	20.5	0
10	16QAM	25	12	19.93	19.76	19.88		
10	16QAM	25	25	19.95	19.82	19.84		
10	16QAM	50	0	19.79	19.78	19.89		
10	64QAM	1	0	19.52	19.51	19.50	20.5	0
10	64QAM	1	25	19.65	19.65	19.74		
10	64QAM	1	49	19.63	19.50	19.69		
10	64QAM	25	0	19.88	19.82	19.88	20.5	0
10	64QAM	25	12	19.88	19.87	19.87		
10	64QAM	25	25	19.89	19.77	19.92		
10	64QAM	50	0	19.84	19.78	19.83		
10	256QAM	1	0	19.69	19.54	19.62	20.5	0
10	256QAM	1	25	19.74	19.83	19.80		
10	256QAM	1	49	19.73	19.75	19.79		
10	256QAM	25	0	19.77	19.76	19.71	20.5	0
10	256QAM	25	12	19.77	19.85	19.79		
10	256QAM	25	25	19.75	19.71	19.87		
10	256QAM	50	0	19.75	19.71	19.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.71	19.66	19.76	20.5	0
5	QPSK	1	12	19.81	19.87	19.87		
5	QPSK	1	24	19.81	19.75	19.78		
5	QPSK	12	0	19.78	19.72	19.79	20.5	0
5	QPSK	12	7	19.84	19.95	19.84		
5	QPSK	12	13	19.87	19.74	19.84		
5	QPSK	25	0	19.84	19.80	19.79		
5	16QAM	1	0	19.73	19.74	19.59	20.5	0
5	16QAM	1	12	19.81	19.87	19.86		
5	16QAM	1	24	19.74	19.74	19.74		
5	16QAM	12	0	19.81	19.82	19.88	20.5	0
5	16QAM	12	7	19.93	19.72	19.86		
5	16QAM	12	13	19.87	19.75	19.83		
5	16QAM	25	0	19.82	19.75	19.84		
5	64QAM	1	0	19.48	19.48	19.48	20.5	0
5	64QAM	1	12	19.59	19.59	19.71		
5	64QAM	1	24	19.56	19.55	19.68		
5	64QAM	12	0	19.82	19.77	19.88	20.5	0
5	64QAM	12	7	19.86	19.86	19.91		
5	64QAM	12	13	19.84	19.77	19.88		
5	64QAM	25	0	19.88	19.79	19.86		
5	256QAM	1	0	19.67	19.61	19.63	20.5	0
5	256QAM	1	12	19.70	19.89	19.86		
5	256QAM	1	24	19.70	19.72	19.80		
5	256QAM	12	0	19.78	19.75	19.74	20.5	0
5	256QAM	12	7	19.78	19.86	19.76		
5	256QAM	12	13	19.77	19.74	19.80		
5	256QAM	25	0	19.71	19.74	19.81		

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BW [MHz]	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	22.44	22.33	22.32	23	0
20	QPSK	1	49	22.61	22.66	22.64		
20	QPSK	1	99	22.57	22.45	22.53		
20	QPSK	50	0	22.52	22.62	22.52	23	0
20	QPSK	50	24	22.59	22.64	22.61		
20	QPSK	50	50	22.52	22.62	22.49		
20	QPSK	100	0	22.50	22.55	22.41		
20	16QAM	1	0	22.36	22.29	22.27	23	0
20	16QAM	1	49	22.25	22.44	22.53		
20	16QAM	1	99	22.41	22.32	22.39		
20	16QAM	50	0	21.27	21.33	21.33	22	1
20	16QAM	50	24	21.39	21.30	21.41		
20	16QAM	50	50	21.42	21.35	21.33		
20	16QAM	100	0	21.30	21.24	21.32		
20	64QAM	1	0	21.49	21.47	21.43	22	1
20	64QAM	1	49	21.70	21.56	21.66		
20	64QAM	1	99	21.55	21.48	21.53		
20	64QAM	50	0	20.60	20.55	20.61	21	2
20	64QAM	50	24	20.66	20.58	20.68		
20	64QAM	50	50	20.64	20.60	20.64		
20	64QAM	100	0	20.63	20.52	20.61		
20	256QAM	1	0	18.35	18.24	18.27	19	4
20	256QAM	1	49	18.58	18.61	18.54		
20	256QAM	1	99	18.50	18.41	18.52		
20	256QAM	50	0	18.48	18.63	18.44	19	4
20	256QAM	50	24	18.57	18.58	18.57		
20	256QAM	50	50	18.48	18.52	18.44		
20	256QAM	100	0	18.42	18.48	18.37		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.39	22.29	22.23	23	0
15	QPSK	1	37	22.50	22.61	22.64		
15	QPSK	1	74	22.58	22.43	22.46		
15	QPSK	36	0	22.50	22.55	22.45	23	0
15	QPSK	36	20	22.50	22.54	22.50		
15	QPSK	36	39	22.48	22.52	22.49		
15	QPSK	75	0	22.48	22.49	22.38		
15	16QAM	1	0	22.27	22.26	22.24	23	0
15	16QAM	1	37	22.19	22.37	22.43		
15	16QAM	1	74	22.33	22.29	22.37		
15	16QAM	36	0	21.16	21.22	21.29	22	1
15	16QAM	36	20	21.29	21.26	21.31		
15	16QAM	36	39	21.37	21.25	21.28		
15	16QAM	75	0	21.19	21.15	21.32		
15	64QAM	1	0	21.40	21.48	21.36	22	1
15	64QAM	1	37	21.63	21.48	21.64		
15	64QAM	1	74	21.46	21.41	21.50		
15	64QAM	36	0	20.54	20.48	20.52	21	2
15	64QAM	36	20	20.59	20.56	20.60		
15	64QAM	36	39	20.57	20.53	20.60		
15	64QAM	75	0	20.57	20.47	20.57		
15	256QAM	1	0	18.33	18.21	18.18	19	4
15	256QAM	1	37	18.56	18.55	18.52		
15	256QAM	1	74	18.43	18.34	18.49		
15	256QAM	36	0	18.46	18.57	18.36	19	4
15	256QAM	36	20	18.55	18.48	18.52		
15	256QAM	36	39	18.44	18.48	18.35		
15	256QAM	75	0	18.31	18.45	18.33		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.42	22.27	22.30	23	0
10	QPSK	1	25	22.56	22.63	22.57		
10	QPSK	1	49	22.52	22.39	22.47		
10	QPSK	25	0	22.52	22.59	22.45	23	0
10	QPSK	25	12	22.54	22.56	22.51		
10	QPSK	25	25	22.45	22.54	22.43		
10	QPSK	50	0	22.45	22.46	22.32		
10	16QAM	1	0	22.30	22.23	22.25	23	0
10	16QAM	1	25	22.20	22.33	22.42		
10	16QAM	1	49	22.35	22.30	22.36		
10	16QAM	25	0	21.18	21.24	21.30	22	1
10	16QAM	25	12	21.30	21.29	21.37		
10	16QAM	25	25	21.34	21.25	21.29		
10	16QAM	50	0	21.29	21.17	21.23		
10	64QAM	1	0	21.43	21.39	21.40	22	1
10	64QAM	1	25	21.65	21.57	21.56		
10	64QAM	1	49	21.45	21.44	21.47		
10	64QAM	25	0	20.57	20.50	20.55	21	2
10	64QAM	25	12	20.57	20.53	20.58		
10	64QAM	25	25	20.58	20.57	20.61		
10	64QAM	50	0	20.58	20.45	20.55		
10	256QAM	1	0	18.24	18.22	18.23	19	4
10	256QAM	1	25	18.56	18.54	18.52		
10	256QAM	1	49	18.47	18.40	18.47		
10	256QAM	25	0	18.41	18.59	18.34	19	4
10	256QAM	25	12	18.53	18.56	18.49		
10	256QAM	25	25	18.46	18.44	18.42		
10	256QAM	50	0	18.56	18.41	18.30		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.33	22.24	22.22	23	0
5	QPSK	1	12	22.54	22.61	22.61		
5	QPSK	1	24	22.52	22.42	22.49		
5	QPSK	12	0	22.43	22.62	22.45	23	0
5	QPSK	12	7	22.49	22.60	22.57		
5	QPSK	12	13	22.47	22.58	22.45		
5	QPSK	25	0	22.46	22.45	22.38		
5	16QAM	1	0	22.28	22.23	22.24	23	0
5	16QAM	1	12	22.15	22.41	22.48		
5	16QAM	1	24	22.35	22.23	22.40		
5	16QAM	12	0	21.20	21.26	21.32	22	1
5	16QAM	12	7	21.35	21.23	21.36		
5	16QAM	12	13	21.32	21.31	21.28		
5	16QAM	25	0	21.18	21.21	21.25		
5	64QAM	1	0	21.49	21.45	21.39	22	1
5	64QAM	1	12	21.64	21.44	21.61		
5	64QAM	1	24	21.44	21.40	21.53		
5	64QAM	12	0	20.57	20.49	20.51	21	2
5	64QAM	12	7	20.64	20.53	20.64		
5	64QAM	12	13	20.57	20.48	20.58		
5	64QAM	25	0	20.60	20.48	20.56		
5	256QAM	1	0	18.29	18.16	18.24	19	4
5	256QAM	1	12	18.50	18.52	18.44		
5	256QAM	1	24	18.46	18.36	18.45		
5	256QAM	12	0	18.43	18.59	18.43	19	4
5	256QAM	12	7	18.53	18.49	18.54		
5	256QAM	12	13	18.39	18.48	18.38		
5	256QAM	25	0	18.36	18.42	18.32		

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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	18.17	18.13	18.04		
20	QPSK	1	49	18.30	18.43	18.20	19	0
20	QPSK	1	99	18.16	18.08	18.09		
20	QPSK	50	0	18.31	18.28	18.22		
20	QPSK	50	24	18.35	18.37	18.31	19	0
20	QPSK	50	50	18.33	18.23	18.22		
20	QPSK	100	0	18.33	18.34	18.28		
20	16QAM	1	0	18.37	18.32	18.20		
20	16QAM	1	49	18.41	18.42	18.33	19	0
20	16QAM	1	99	18.39	18.25	18.30		
20	16QAM	50	0	18.35	18.27	18.27		
20	16QAM	50	24	18.40	18.28	18.33	19	0
20	16QAM	50	50	18.35	18.27	18.28		
20	16QAM	100	0	18.32	18.27	18.23		
20	64QAM	1	0	18.27	18.13	18.06		
20	64QAM	1	49	18.36	18.26	18.23	19	0
20	64QAM	1	99	18.24	18.11	18.10		
20	64QAM	50	0	18.35	18.31	18.28		
20	64QAM	50	24	18.38	18.33	18.35	19	0
20	64QAM	50	50	18.37	18.26	18.26		
20	64QAM	100	0	18.32	18.23	18.26		
20	256QAM	1	0	18.16	18.05	17.95		
20	256QAM	1	49	18.28	18.35	18.13	19	0
20	256QAM	1	99	18.06	17.97	18.08		
20	256QAM	50	0	18.22	18.26	18.14		
20	256QAM	50	24	18.33	18.35	18.21	19	0
20	256QAM	50	50	18.34	18.20	18.12		
20	256QAM	100	0	18.33	18.28	18.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.05	18.04	17.96		
15	QPSK	1	37	18.25	18.40	18.15	19	0
15	QPSK	1	74	18.15	18.02	17.98		
15	QPSK	36	0	18.28	18.21	18.20		
15	QPSK	36	20	18.27	18.31	18.23	19	0
15	QPSK	36	39	18.30	18.18	18.18		
15	QPSK	75	0	18.27	18.35	18.19		
15	16QAM	1	0	18.27	18.28	18.15		
15	16QAM	1	37	18.33	18.36	18.30	19	0
15	16QAM	1	74	18.30	18.18	18.25		
15	16QAM	36	0	18.30	18.27	18.19		
15	16QAM	36	20	18.33	18.17	18.32	19	0
15	16QAM	36	39	18.28	18.16	18.22		
15	16QAM	75	0	18.30	18.20	18.12		
15	64QAM	1	0	18.26	18.08	18.01		
15	64QAM	1	37	18.25	18.22	18.16	19	0
15	64QAM	1	74	18.16	18.08	18.05		
15	64QAM	36	0	18.32	18.26	18.22		
15	64QAM	36	20	18.32	18.28	18.29	19	0
15	64QAM	36	39	18.32	18.16	18.19		
15	64QAM	75	0	18.22	18.14	18.24		
15	256QAM	1	0	18.11	17.95	17.89		
15	256QAM	1	37	18.21	18.33	18.10	19	0
15	256QAM	1	74	17.99	17.94	17.99		
15	256QAM	36	0	18.18	18.21	18.02		
15	256QAM	36	20	18.27	18.34	18.15	19	0
15	256QAM	36	39	18.28	18.15	18.07		
15	256QAM	75	0	18.29	18.19	18.18		
Channel				37900	38000	38100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.10	18.07	17.94		
10	QPSK	1	25	18.25	18.37	18.16	19	0
10	QPSK	1	49	18.14	18.02	18.07		
10	QPSK	25	0	18.28	18.20	18.18		
10	QPSK	25	12	18.24	18.31	18.25	19	0
10	QPSK	25	25	18.23	18.15	18.19		
10	QPSK	50	0	18.27	18.28	18.21		
10	16QAM	1	0	18.26	18.25	18.10		
10	16QAM	1	25	18.32	18.39	18.29	19	0
10	16QAM	1	49	18.35	18.24	18.25		
10	16QAM	25	0	18.31	18.20	18.25		
10	16QAM	25	12	18.33	18.22	18.26	19	0
10	16QAM	25	25	18.27	18.22	18.22		
10	16QAM	50	0	18.22	18.21	18.15		
10	64QAM	1	0	18.21	18.11	17.98		
10	64QAM	1	25	18.33	18.20	18.23	19	0
10	64QAM	1	49	18.21	18.07	18.07		
10	64QAM	25	0	18.28	18.23	18.25		
10	64QAM	25	12	18.34	18.26	18.33	19	0
10	64QAM	25	25	18.34	18.20	18.22		
10	64QAM	50	0	18.22	18.12	18.20		
10	256QAM	1	0	18.13	17.99	17.90		
10	256QAM	1	25	18.24	18.32	18.11	19	0
10	256QAM	1	49	18.03	17.91	18.03		
10	256QAM	25	0	18.10	18.22	18.05		
10	256QAM	25	12	18.29	18.36	18.11	19	0
10	256QAM	25	25	18.24	18.16	18.09		
10	256QAM	50	0	18.21	18.17	18.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.12	18.07	17.99		
5	QPSK	1	12	18.25	18.39	18.15	19	0
5	QPSK	1	24	18.16	18.01	18.09		
5	QPSK	12	0	18.25	18.27	18.15		
5	QPSK	12	7	18.28	18.34	18.20	19	0
5	QPSK	12	13	18.31	18.22	18.18		
5	QPSK	25	0	18.30	18.27	18.23		
5	16QAM	1	0	18.30	18.24	18.17		
5	16QAM	1	12	18.41	18.35	18.33	19	0
5	16QAM	1	24	18.34	18.23	18.23		
5	16QAM	12	0	18.29	18.15	18.21		
5	16QAM	12	7	18.33	18.19	18.28	19	0
5	16QAM	12	13	18.30	18.23	18.18		
5	16QAM	25	0	18.26	18.20	18.15		
5	64QAM	1	0	18.16	18.01	18.02		
5	64QAM	1	12	18.30	18.25	18.17	19	0
5	64QAM	1	24	18.15	18.08	18.06		
5	64QAM	12	0	18.26	18.20	18.19		
5	64QAM	12	7	18.30	18.31	18.31	19	0
5	64QAM	12	13	18.26	18.22	18.25		
5	64QAM	25	0	18.26	18.16	18.17		
5	256QAM	1	0	18.08	18.00	17.88		
5	256QAM	1	12	18.19	18.29	18.03	19	0
5	256QAM	1	24	17.99	17.95	17.96		
5	256QAM	12	0	18.14	18.16	18.07		
5	256QAM	12	7	18.34	18.26	18.15	19	0
5	256QAM	12	13	18.24	18.13	18.12		
5	256QAM	25	0	18.30	18.26	18.19		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.55	20.25	20.45	20.17	20.41		
20	QPSK	1	49	20.58	20.44	20.66	20.29	20.43	21.5	0
20	QPSK	1	99	20.49	20.41	20.44	20.22	20.21		
20	QPSK	50	0	19.51	19.36	19.55	19.23	19.41		
20	QPSK	50	24	19.56	19.45	19.63	19.27	19.40	20.5	1
20	QPSK	50	50	19.55	19.42	19.54	19.22	19.27		
20	QPSK	100	0	19.55	19.42	19.57	19.20	19.35		
20	16QAM	1	0	19.51	19.23	19.42	19.22	19.37		
20	16QAM	1	49	19.63	19.43	19.55	19.31	19.41	20.5	1
20	16QAM	1	99	19.45	19.41	19.42	19.21	19.16		
20	16QAM	50	0	18.51	18.38	18.57	18.24	18.47		
20	16QAM	50	24	18.62	18.43	18.59	18.28	18.39	19.5	2
20	16QAM	50	50	18.61	18.47	18.55	18.21	18.25		
20	16QAM	100	0	18.55	18.41	18.53	18.19	18.36		
20	64QAM	1	0	18.22	17.96	18.16	17.92	18.09		
20	64QAM	1	49	18.36	18.15	18.30	18.00	18.11	19.5	2
20	64QAM	1	99	18.17	18.12	18.13	17.95	17.93		
20	64QAM	50	0	17.47	17.36	17.52	17.20	17.43		
20	64QAM	50	24	17.58	17.38	17.55	17.22	17.37	18.5	3
20	64QAM	50	50	17.58	17.41	17.51	17.18	17.22		
20	64QAM	100	0	17.52	17.38	17.50	17.17	17.32		
20	256QAM	1	0	15.18	15.20	15.22	15.18	15.24		
20	256QAM	1	49	15.12	15.20	15.19	15.15	15.13	16.5	5
20	256QAM	1	99	15.25	15.14	15.13	15.25	15.24		
20	256QAM	50	0	15.25	15.15	15.23	15.12	15.18		
20	256QAM	50	24	15.19	15.16	15.19	15.14	15.13	16.5	5
20	256QAM	50	50	15.21	15.17	15.21	15.23	15.24		
20	256QAM	100	0	15.15	15.19	15.23	15.21	15.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	20.50	20.09	20.43	20.17	20.46		
15	QPSK	1	37	20.58	20.33	20.57	20.27	20.45	21.5	0
15	QPSK	1	74	20.48	20.15	20.46	20.21	20.20		
15	QPSK	36	0	19.51	19.24	19.46	19.22	19.45		
15	QPSK	36	20	19.56	19.31	19.55	19.32	19.49	20.5	1
15	QPSK	36	39	19.52	19.19	19.44	19.22	19.20		
15	QPSK	75	0	19.62	19.21	19.62	19.13	19.25		
15	16QAM	1	0	19.36	19.18	19.45	19.20	19.36		
15	16QAM	1	37	19.60	19.23	19.54	19.24	19.34	20.5	1
15	16QAM	1	74	19.39	19.13	19.46	19.26	19.14		
15	16QAM	36	0	18.52	18.17	18.60	18.21	18.48		
15	16QAM	36	20	18.52	18.26	18.51	18.24	18.36	19.5	2
15	16QAM	36	39	18.57	18.14	18.45	18.26	18.17		
15	16QAM	75	0	18.46	18.18	18.48	18.11	18.27		
15	64QAM	1	0	18.16	17.83	18.10	17.97	18.03		
15	64QAM	1	37	18.27	17.91	18.32	18.03	18.11	19.5	2
15	64QAM	1	74	18.06	17.90	18.12	17.89	17.84		
15	64QAM	36	0	17.53	17.15	17.46	17.21	17.38		
15	64QAM	36	20	17.59	17.20	17.49	17.13	17.33	18.5	3
15	64QAM	36	39	17.42	17.21	17.56	17.13	17.14		
15	64QAM	75	0	17.43	17.10	17.45	17.14	17.37		
15	256QAM	1	0	15.20	15.20	15.20	15.15	15.27		
15	256QAM	1	37	15.11	15.14	15.24	15.15	15.03	16.5	5
15	256QAM	1	74	15.15	15.27	15.08	15.17	15.21		
15	256QAM	36	0	15.22	15.10	15.22	15.02	15.12		
15	256QAM	36	20	15.24	15.15	15.20	15.04	15.09	16.5	5
15	256QAM	36	39	15.11	15.26	15.15	15.14	15.14		
15	256QAM	75	0	15.22	15.22	15.13	15.20	15.10		
Channel				39700	40162	40620	41083	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.49	20.20	20.40	20.17	20.38		
10	QPSK	1	25	20.57	20.24	20.64	20.31	20.41	21.5	0
10	QPSK	1	49	20.40	20.17	20.44	20.20	20.20		
10	QPSK	25	0	19.51	19.16	19.46	19.18	19.44		
10	QPSK	25	12	19.53	19.18	19.53	19.24	19.53	20.5	1
10	QPSK	25	25	19.52	19.25	19.45	19.12	19.28		
10	QPSK	50	0	19.52	19.18	19.55	19.25	19.32		
10	16QAM	1	0	19.36	19.24	19.40	19.19	19.38		
10	16QAM	1	25	19.46	19.27	19.46	19.36	19.34	20.5	1
10	16QAM	1	49	19.45	19.24	19.35	19.21	19.14		
10	16QAM	25	0	18.59	18.20	18.62	18.17	18.52		
10	16QAM	25	12	18.58	18.29	18.61	18.26	18.30	19.5	2
10	16QAM	25	25	18.56	18.13	18.49	18.23	18.23		
10	16QAM	50	0	18.55	18.22	18.53	18.15	18.32		
10	64QAM	1	0	18.08	17.82	18.11	17.85	18.01		
10	64QAM	1	25	18.29	18.03	18.24	18.00	18.13	19.5	2
10	64QAM	1	49	18.10	17.88	18.14	17.93	17.91		
10	64QAM	25	0	17.47	17.12	17.43	17.11	17.46		
10	64QAM	25	12	17.51	17.26	17.50	17.13	17.38	18.5	3
10	64QAM	25	25	17.49	17.15	17.43	17.13	17.25		
10	64QAM	50	0	17.50	17.16	17.54	17.14	17.32		
10	256QAM	1	0	15.26	15.19	15.18	15.22	15.29		
10	256QAM	1	25	15.11	15.05	15.21	15.17	15.03	16.5	5
10	256QAM	1	49	15.06	15.28	15.05	15.26	15.24		
10	256QAM	25	0	15.19	15.14	15.27	15.06	15.23		
10	256QAM	25	12	15.12	15.18	15.15	15.13	15.06	16.5	5
10	256QAM	25	25	15.15	15.23	15.21	15.28	15.19		
10	256QAM	50	0	15.16	15.11	15.27	15.15	15.13		
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	20.48	20.09	20.36	20.21	20.37		
5	QPSK	1	12	20.56	20.28	20.35	20.23	20.38	21.5	0
5	QPSK	1	24	20.48	20.26	20.20	20.22	20.26		
5	QPSK	12	0	19.51	19.28	19.35	19.20	19.39		
5	QPSK	12	7	19.59	19.24	19.53	19.29	19.49	20.5	1
5	QPSK	12	13	19.52	19.18	19.25	19.12	19.28		
5	QPSK	25	0	19.49	19.15	19.26	19.19	19.25		
5	16QAM	1	0	19.40	19.16	19.33	19.16	19.28		
5	16QAM	1	12	19.53	19.35	19.45	19.34	19.33	20.5	1
5	16QAM	1	24	19.38	19.12	19.10	19.11	19.12		
5	16QAM	12	0	18.52	18.25	18.39	18.15	18.49		
5	16QAM	12	7	18.61	18.30	18.34	18.22	18.41	19.5	2
5	16QAM	12	13	18.54	18.11	18.19	18.26	18.27		
5	16QAM	25	0	18.44	18.21	18.36	18.11	18.37		
5	64QAM	1	0	18.09	17.93	18.05	17.84	18.06		
5	64QAM	1	12	18.33	17.94	18.11	18.02	18.12	19.5	2
5	64QAM	1	24	18.11	18.00	17.96	17.91	17.98		
5	64QAM	12	0	17.42	17.15	17.34	17.25	17.38		
5	64QAM	12	7	17.45	17.24	17.31	17.27	17.33	18.5	3
5	64QAM	12	13	17.51	17.21	17.17	17.16	17.24		
5	64QAM	25	0	17.46	17.07	17.31	17.09	17.33		
5	256QAM	1	0	15.17	15.20	15.15	15.23	15.24		
5	256QAM	1	12	15.21	15.11	15.16	15.10	15.06	16.5	5
5	256QAM	1	24	15.18	15.23	15.25	15.18	15.27		
5	256QAM	12	0	15.26	15.12	15.08	15.14	15.18		
5	256QAM	12	7	15.18	15.14	15.08	15.16	15.04	16.5	5
5	256QAM	12	13	15.12	15.21	15.22	15.24	15.23		
5	256QAM	25	0	15.24	15.25	15.17	15.25	15.09		

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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	18.53	18.50	18.78	18.54	18.70		
20	QPSK	1	49	18.70	18.61	18.99	18.73	18.93	19.5	0
20	QPSK	1	99	18.54	18.56	18.60	18.57	18.82		
20	QPSK	50	0	18.59	18.53	18.82	18.65	18.84		
20	QPSK	50	24	18.67	18.63	18.95	18.73	18.94	19.5	0
20	QPSK	50	50	18.64	18.61	18.71	18.60	18.86		
20	QPSK	100	0	18.62	18.60	18.85	18.63	18.84		
20	16QAM	1	0	18.66	18.46	18.85	18.60	18.77		
20	16QAM	1	49	18.85	18.61	18.90	18.76	18.96	19.5	0
20	16QAM	1	99	18.60	18.64	18.60	18.61	18.82		
20	16QAM	50	0	18.59	18.51	18.97	18.74	18.83		
20	16QAM	50	24	18.71	18.59	18.94	18.70	18.95	19.5	0
20	16QAM	50	50	18.71	18.63	18.74	18.68	18.91		
20	16QAM	100	0	18.70	18.53	18.88	18.66	18.86		
20	64QAM	1	0	18.29	18.37	18.60	18.32	18.53		
20	64QAM	1	49	18.43	18.39	18.65	18.48	18.68	19.5	0
20	64QAM	1	99	18.26	18.43	18.35	18.34	18.58		
20	64QAM	50	0	18.57	18.55	18.97	18.68	18.88		
20	64QAM	50	24	18.62	18.57	18.86	18.70	18.92	19.5	0
20	64QAM	50	50	18.71	18.63	18.75	18.64	18.87		
20	64QAM	100	0	18.61	18.60	18.87	18.66	18.85		
20	256QAM	1	0	18.46	18.51	18.72	18.47	18.65		
20	256QAM	1	49	18.66	18.61	18.92	18.67	18.88	19.5	0
20	256QAM	1	99	18.46	18.57	18.50	18.49	18.75		
20	256QAM	50	0	18.57	18.49	18.74	18.56	18.75		
20	256QAM	50	24	18.59	18.54	18.87	18.68	18.91	19.5	0
20	256QAM	50	50	18.55	18.60	18.64	18.53	18.82		
20	256QAM	100	0	18.57	18.56	18.82	18.54	18.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.47	18.48	18.75	18.50	18.63		
15	QPSK	1	37	18.60	18.54	18.88	18.68	18.86	19.5	0
15	QPSK	1	74	18.49	18.54	18.50	18.47	18.77		
15	QPSK	36	0	18.54	18.47	18.82	18.59	18.80		
15	QPSK	36	20	18.60	18.56	18.89	18.68	18.86	19.5	0
15	QPSK	36	39	18.60	18.59	18.67	18.55	18.82		
15	QPSK	75	0	18.60	18.58	18.78	18.62	18.81		
15	16QAM	1	0	18.55	18.41	18.75	18.55	18.71		
15	16QAM	1	37	18.79	18.53	18.85	18.71	18.85	19.5	0
15	16QAM	1	74	18.55	18.58	18.50	18.54	18.79		
15	16QAM	36	0	18.51	18.46	18.86	18.66	18.72		
15	16QAM	36	20	18.67	18.60	18.89	18.59	18.92	19.5	0
15	16QAM	36	39	18.63	18.58	18.68	18.67	18.86		
15	16QAM	75	0	18.61	18.47	18.86	18.61	18.78		
15	64QAM	1	0	18.19	18.37	18.50	18.28	18.47		
15	64QAM	1	37	18.36	18.33	18.56	18.41	18.56	19.5	0
15	64QAM	1	74	18.17	18.35	18.28	18.32	18.57		
15	64QAM	36	0	18.52	18.47	18.91	18.64	18.85		
15	64QAM	36	20	18.60	18.49	18.83	18.64	18.88	19.5	0
15	64QAM	36	39	18.70	18.54	18.72	18.58	18.86		
15	64QAM	75	0	18.53	18.49	18.75	18.55	18.78		
15	256QAM	1	0	18.41	18.50	18.68	18.43	18.56		
15	256QAM	1	37	18.54	18.51	18.89	18.65	18.81	19.5	0
15	256QAM	1	74	18.44	18.55	18.49	18.46	18.69		
15	256QAM	36	0	18.52	18.44	18.73	18.51	18.71		
15	256QAM	36	20	18.53	18.50	18.81	18.60	18.87	19.5	0
15	256QAM	36	39	18.53	18.49	18.59	18.48	18.80		
15	256QAM	75	0	18.52	18.52	18.83	18.45	18.75		
Channel				39700	40162	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.50	18.47	18.76	18.52	18.63		
10	QPSK	1	25	18.71	18.60	18.91	18.68	18.90	19.5	0
10	QPSK	1	49	18.47	18.51	18.58	18.51	18.70		
10	QPSK	25	0	18.59	18.53	18.75	18.64	18.79		
10	QPSK	25	12	18.61	18.53	18.87	18.67	18.91	19.5	0
10	QPSK	25	25	18.53	18.59	18.65	18.56	18.83		
10	QPSK	50	0	18.53	18.54	18.77	18.58	18.82		
10	16QAM	1	0	18.62	18.44	18.76	18.52	18.69		
10	16QAM	1	25	18.74	18.56	18.87	18.73	18.90	19.5	0
10	16QAM	1	49	18.58	18.65	18.55	18.53	18.80		
10	16QAM	25	0	18.51	18.46	18.95	18.72	18.82		
10	16QAM	25	12	18.68	18.56	18.86	18.64	18.84	19.5	0
10	16QAM	25	25	18.67	18.59	18.71	18.62	18.83		
10	16QAM	50	0	18.67	18.50	18.87	18.54	18.76		
10	64QAM	1	0	18.24	18.33	18.51	18.23	18.47		
10	64QAM	1	25	18.38	18.32	18.58	18

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.41	22.25	22.64	22.44	22.61		
20	QPSK	1	49	22.65	22.53	22.74	22.60	22.73	23	0
20	QPSK	1	99	22.44	22.53	22.68	22.43	22.44		
20	QPSK	50	0	22.08	22.01	22.36	22.17	22.26		
20	QPSK	50	24	22.22	22.15	22.40	22.19	22.36	23	0
20	QPSK	50	50	22.20	22.11	22.33	22.12	22.20		
20	QPSK	100	0	22.17	22.12	22.34	22.10	22.24		
20	16QAM	1	0	22.16	22.16	22.36	22.15	22.41		
20	16QAM	1	49	22.33	22.19	22.50	22.36	22.39	23	0
20	16QAM	1	99	22.15	22.19	22.39	22.09	22.13		
20	16QAM	50	0	21.13	21.06	21.31	21.12	21.42		
20	16QAM	50	24	21.24	21.10	21.44	21.19	21.38	22	1
20	16QAM	50	50	21.21	21.13	21.42	21.13	21.21		
20	16QAM	100	0	21.14	21.06	21.35	21.11	21.25		
20	64QAM	1	0	21.07	20.82	21.20	20.99	21.26		
20	64QAM	1	49	21.19	21.02	21.26	21.15	21.27	22	1
20	64QAM	1	99	20.98	21.05	21.21	20.97	20.98		
20	64QAM	50	0	20.06	20.02	20.31	20.09	20.36		
20	64QAM	50	24	20.17	20.07	20.36	20.13	20.31	21	2
20	64QAM	50	50	20.17	20.09	20.32	20.08	20.20		
20	64QAM	100	0	20.14	20.04	20.27	20.13	20.21		
20	256QAM	1	0	18.29	18.24	18.56	18.40	18.58		
20	256QAM	1	49	18.65	18.51	18.73	18.61	18.70	19	4
20	256QAM	1	99	18.40	18.46	18.65	18.41	18.39		
20	256QAM	50	0	18.03	18.02	18.34	18.16	18.19		
20	256QAM	50	24	18.14	18.04	18.35	18.12	18.30	19	4
20	256QAM	50	50	18.11	18.03	18.25	18.05	18.17		
20	256QAM	100	0	18.12	18.06	18.27	18.08	18.21		
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	22.29	22.20	22.52	22.41	22.62		
15	QPSK	1	37	22.60	22.49	22.69	22.55	22.62	23	0
15	QPSK	1	74	22.35	22.45	22.58	22.41	22.36		
15	QPSK	36	0	22.01	21.96	22.33	22.13	22.22		
15	QPSK	36	20	22.22	22.09	22.36	22.14	22.29	23	0
15	QPSK	36	39	22.17	22.10	22.31	22.02	22.14		
15	QPSK	75	0	22.15	22.04	22.31	22.04	22.16		
15	16QAM	1	0	22.12	22.10	22.32	22.08	22.36		
15	16QAM	1	37	22.32	22.09	22.41	22.33	22.34	23	0
15	16QAM	1	74	22.12	22.14	22.33	22.02	22.05		
15	16QAM	36	0	21.04	21.05	21.19	21.10	21.38		
15	16QAM	36	20	21.18	21.08	21.39	21.19	21.39	22	1
15	16QAM	36	39	21.17	21.08	21.38	21.08	21.14		
15	16QAM	75	0	21.10	21.01	21.28	21.07	21.20		
15	64QAM	1	0	21.05	20.72	21.16	20.95	21.19		
15	64QAM	1	37	21.12	20.95	21.18	21.08	21.22	22	1
15	64QAM	1	74	20.92	21.00	21.15	20.94	20.88		
15	64QAM	36	0	20.02	20.02	20.29	20.07	20.30		
15	64QAM	36	20	20.14	20.03	20.30	20.13	20.24	21	2
15	64QAM	36	39	20.13	20.06	20.26	20.04	20.15		
15	64QAM	75	0	20.06	19.99	20.24	20.10	20.18		
15	256QAM	1	0	18.26	18.22	18.56	18.39	18.53		
15	256QAM	1	37	18.60	18.44	18.66	18.56	18.59	19	4
15	256QAM	1	74	18.36	18.36	18.66	18.32	18.32		
15	256QAM	36	0	18.03	18.00	18.32	18.09	18.10		
15	256QAM	36	20	18.05	17.95	18.35	18.07	18.25	19	4
15	256QAM	36	39	18.04	17.94	18.23	17.96	18.18		
15	256QAM	75	0	18.11	18.05	18.21	18.07	18.15		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.38	22.23	22.55	22.41	22.57		
10	QPSK	1	25	22.57	22.52	22.69	22.54	22.67	23	0
10	QPSK	1	49	22.35	22.43	22.64	22.34	22.42		
10	QPSK	25	0	21.99	21.97	22.27	22.06	22.18		
10	QPSK	25	12	22.22	22.09	22.30	22.12	22.32	23	0
10	QPSK	25	25	22.13	22.07	22.31	22.07	22.11		
10	QPSK	50	0	22.12	22.08	22.31	22.03	22.22		
10	16QAM	1	0	22.13	22.05	22.31	22.14	22.34		
10	16QAM	1	25	22.28	22.10	22.46	22.30	22.30	23	0
10	16QAM	1	49	22.05	22.15	22.33	22.03	22.13		
10	16QAM	25	0	21.09	20.99	21.23	21.06	21.35		
10	16QAM	25	12	21.22	21.09	21.37	21.15	21.38	22	1
10	16QAM	25	25	21.11	21.09	21.32	21.13	21.16		
10	16QAM	50	0	21.06	20.96	21.30	21.07	21.23		
10	64QAM	1	0	21.05	20.80	21.15	20.90	21.18		
10	64QAM	1	25	21.16	20.99	21.20	21.06	21.26	22	1
10	64QAM	1	49	20.91	21.01	21.12	20.95	20.93		
10	64QAM	25	0	20.00	19.95	20.23	20.04	20.29		
10	64QAM	25	12	20.16	20.04	20.32	20.01	20.21	21	2
10	64QAM	25	25	20.07	20.03	20.21	20.00	20.12		
10	64QAM	50	0	20.07	19.92	20.23	20.05	20.15		
10	256QAM	1	0	18.24	18.25	18.48	18.31	18.56		
10	256QAM	1	25	18.62	18.43	18.70	18.58	18.63	19	4
10	256QAM	1	49	18.40	18.41	18.61	18.34	18.35		
10	256QAM	25	0	17.97	18.02	18.32	18.14	18.17		
10	256QAM	25	12	18.05	17.98	18.29	18.10	18.26	19	4
10	256QAM	25	25	18.06	18.02	18.21	18.02	18.05		
10	256QAM	50	0	18.02	17.98	18.24	18.03	18.22		
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	22.35	22.18	22.56	22.38	22.60		
5	QPSK	1	12	22.61	22.42	22.63	22.49	22.65	23	0
5	QPSK	1	24	22.42	22.50	22.62	22.37	22.37		
5	QPSK	12	0	22.00	22.01	22.26	22.08	22.24		
5	QPSK	12	7	22.22	22.07	22.40	22.14	22.36	23	0
5	QPSK	12	13	22.10	22.11	22.25	22.07	22.15		
5	QPSK	25	0	22.12	22.10	22.30	22.09	22.20		
5	16QAM	1	0	22.09	22.16	22.31	22.08	22.40		
5	16QAM	1	12	22.27	22.10	22.50	22.30	22.38	23	0
5	16QAM	1	24	22.13	22.14	22.40	22.04	22.07		
5	16QAM	12	0	21.13	21.05	21.30	21.04	21.33		
5	16QAM	12	7	21.22	21.05	21.40	21.12	21.34	22	1
5	16QAM	12	13	21.13	21.08	21.33	21.06	21.19		
5	16QAM	25	0	21.08	20.99	21.29	21.03	21.22		
5	64QAM	1	0	20.99	20.78	21.13	20.89	21.21		
5	64QAM	1	12	21.07	20.94	21.23	21.13	21.19	22	1
5	64QAM	1	24	20.96	21.02	21.19	20.91	20.95		
5	64QAM	12	0	20.04	19.96	20.21	20.06	20.28		
5	64QAM	12	7	20.13	20.00	20.31	20.08	20.26	21	2
5	64QAM	12	13	20.11	20.01	20.29	19.98	20.11		
5	64QAM	25	0	20.10	19.93	20.27	20.05	20.15		
5	256QAM	1	0	18.24	18.16	18.49	18.36	18.53		
5	256QAM	1	12	18.61	18.43	18.61	18.56	18.60	19	4
5	256QAM	1	24	18.35	18.40	18.60	18.34	18.35		
5	256QAM	12	0	17.92	17.97	18.31	18.07	18.11		
5	256QAM	12	7	18.04	17.98	18.35	18.07	18.26	19	4
5	256QAM	12	13	18.04	17.94	18.19	17.98	18.12		
5	256QAM	25	0	18.09	18.02	18.20	18.05	18.16		

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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	18.20	18.22	18.32	18.20	18.31		
20	QPSK	1	49	18.31	18.32	18.67	18.22	18.33	19	0
20	QPSK	1	99	18.20	18.28	18.28	18.19	18.21		
20	QPSK	50	0	18.30	18.27	18.55	18.16	18.44		
20	QPSK	50	24	18.46	18.41	18.61	18.22	18.45	19	0
20	QPSK	50	50	18.43	18.36	18.57	18.18	18.23		
20	QPSK	100	0	18.42	18.36	18.50	18.14	18.30		
20	16QAM	1	0	18.50	18.27	18.57	18.20	18.40		
20	16QAM	1	49	18.59	18.54	18.67	18.36	18.41	19	0
20	16QAM	1	99	18.46	18.53	18.50	18.23	18.17		
20	16QAM	50	0	18.33	18.34	18.54	18.15	18.48		
20	16QAM	50	24	18.50	18.33	18.64	18.26	18.39	19	0
20	16QAM	50	50	18.45	18.43	18.54	18.22	18.29		
20	16QAM	100	0	18.43	18.38	18.57	18.20	18.34		
20	64QAM	1	0	18.31	18.17	18.37	18.04	18.23		
20	64QAM	1	49	18.43	18.38	18.52	18.19	18.24	19	0
20	64QAM	1	99	18.29	18.39	18.36	18.16	18.15		
20	64QAM	50	0	18.31	18.34	18.55	18.16	18.45		
20	64QAM	50	24	18.48	18.41	18.57	18.17	18.39	19	0
20	64QAM	50	50	18.45	18.38	18.54	18.19	18.25		
20	64QAM	100	0	18.35	18.34	18.54	18.18	18.34		
20	256QAM	1	0	18.20	18.23	18.26	18.23	18.27		
20	256QAM	1	49	18.23	18.30	18.62	18.25	18.29	19	0
20	256QAM	1	99	18.18	18.22	18.24	18.18	18.21		
20	256QAM	50	0	18.21	18.19	18.50	18.17	18.43		
20	256QAM	50	24	18.37	18.39	18.59	18.21	18.36	19	0
20	256QAM	50	50	18.36	18.27	18.58	18.12	18.16		
20	256QAM	100	0	18.40	18.27	18.38	18.13	18.30		
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	18.13	18.17	18.24	18.20	18.24		
15	QPSK	1	37	18.27	18.24	18.56	18.17	18.22	19	0
15	QPSK	1	74	18.21	18.29	18.22	18.07	18.16		
15	QPSK	36	0	18.27	18.16	18.54	18.13	18.39		
15	QPSK	36	20	18.38	18.36	18.55	18.13	18.39	19	0
15	QPSK	36	39	18.37	18.28	18.54	18.12	18.23		
15	QPSK	75	0	18.37	18.27	18.43	18.07	18.30		
15	16QAM	1	0	18.47	18.23	18.53	18.17	18.35		
15	16QAM	1	37	18.50	18.48	18.65	18.33	18.39	19	0
15	16QAM	1	74	18.34	18.48	18.49	18.18	18.16		
15	16QAM	36	0	18.33	18.26	18.55	18.14	18.42		
15	16QAM	36	20	18.49	18.28	18.54	18.25	18.32	19	0
15	16QAM	36	39	18.38	18.40	18.44	18.21	18.19		
15	16QAM	75	0	18.36	18.33	18.54	18.11	18.33		
15	64QAM	1	0	18.23	18.12	18.36	18.00	18.16		
15	64QAM	1	37	18.37	18.35	18.47	18.11	18.18	19	0
15	64QAM	1	74	18.27	18.38	18.30	18.06	18.15		
15	64QAM	36	0	18.29	18.28	18.52	18.11	18.39		
15	64QAM	36	20	18.44	18.38	18.58	18.14	18.30	19	0
15	64QAM	36	39	18.39	18.39	18.52	18.13	18.16		
15	64QAM	75	0	18.30	18.32	18.49	18.09	18.27		
15	256QAM	1	0	18.15	18.21	18.25	18.18	18.21		
15	256QAM	1	37	18.13	18.25	18.55	18.17	18.26	19	0
15	256QAM	1	74	18.19	18.17	18.21	18.16	18.14		
15	256QAM	36	0	18.11	18.15	18.42	18.11	18.37		
15	256QAM	36	20	18.36	18.33	18.53	18.19	18.31	19	0
15	256QAM	36	39	18.26	18.26	18.50	18.09	18.09		
15	256QAM	75	0	18.34	18.26	18.36	18.08	18.22		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.12	18.20	18.26	18.18	18.29		
10	QPSK	1	25	18.25	18.26	18.61	18.18	18.34	19	0
10	QPSK	1	49	18.12	18.24	18.24	18.16	18.13		
10	QPSK	25	0	18.27	18.20	18.45	18.12	18.39		
10	QPSK	25	12	18.41	18.37	18.50	18.16	18.43	19	0
10	QPSK	25	25	18.39	18.34	18.50	18.08	18.16		
10	QPSK	50	0	18.34	18.30	18.46	18.11	18.26		
10	16QAM	1	0	18.39	18.15	18.52	18.12	18.29		
10	16QAM	1	25	18.51	18.49	18.61	18.31	18.35	19	0
10	16QAM	1	49	18.41	18.53	18.48	18.19	18.12		
10	16QAM	25	0	18.25	18.30	18.48	18.08	18.43		
10	16QAM	25	12	18.51	18.27	18.54	18.23	18.32	19	0
10	16QAM	25	25	18.40	18.40	18.44	18.21	18.28		
10	16QAM	50	0	18.37	18.28	18.55	18.15	18.31		
10	64QAM	1	0	18.29	18.09	18.30	18.01	18.23		
10	64QAM	1	25	18.32	18.30	18.44	18.14	18.23	19	0
10	64QAM	1	49	18.27	18.33	18.30	18.11	18.14		
10	64QAM	25	0	18.27	18.29	18.53	18.10	18.39		
10	64QAM	25	12	18.45	18.36	18.52	18.10	18.32	19	0
10	64QAM	25	25	18.38	18.28	18.47	18.16	18.20		
10	64QAM	50	0	18.34	18.31	18.49	18.16	18.32		
10	256QAM	1	0	18.14	18.17	18.24	18.16	18.17		
10	256QAM	1	25	18.18	18.23	18.55	18.19	18.27	19	0
10	256QAM	1	49	18.11	18.22	18.23	18.13	18.13		
10	256QAM	25	0	18.16	18.09	18.43	18.13	18.33		
10	256QAM	25	12	18.32	18.33	18.53	18.11	18.29	19	0
10	256QAM	25	25	18.28	18.16	18.52	18.07	18.15		
10	256QAM	50	0	18.30	18.18	18.30	18.10	18.26		
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	18.21	18.13	18.30	18.16	18.25		
5	QPSK	1	12	18.31	18.30	18.62	18.13	18.29	19	0
5	QPSK	1	24	18.15	18.22	18.19	18.18	18.21		
5	QPSK	12	0	18.27	18.23	18.45	18.10	18.43		
5	QPSK	12	7	18.42	18.39	18.56	18.17	18.39	19	0
5	QPSK	12	13	18.33	18.35	18.53	18.11	18.20		
5	QPSK	25	0	18.35	18.32	18.49	18.12	18.26		
5	16QAM	1	0	18.42	18.26	18.51	18.16	18.28		
5	16QAM	1	12	18.54	18.51	18.62	18.26	18.35	19	0
5	16QAM	1	24	18.41	18.48	18.45	18.18	18.12		
5	16QAM	12	0	18.32	18.27	18.50	18.15	18.38		
5	16QAM	12	7	18.50	18.33	18.60	18.21	18.33	19	0
5	16QAM	12	13	18.40	18.41	18.46	18.14	18.24		
5	16QAM	25	0	18.36	18.35	18.46	18.14	18.28		
5	64QAM	1	0	18.27	18.13	18.30	18.04	18.14		
5	64QAM	1	12	18.38	18.31	18.51	18.16	18.19	19	0
5	64QAM	1	24	18.23	18.35	18.29	18.09	18.06		
5	64QAM	12	0	18.23	18.30	18.49	18.09	18.39		
5	64QAM	12	7	18.42	18.36	18.49	18.15	18.34	19	0
5	64QAM	12	13	18.42	18.33	18.53	18.15	18.14		
5	64QAM	25	0	18.32	18.28	18.53	18.18	18.29		
5	256QAM	1	0	18.15	18.19	18.22	18.16	18.17		
5	256QAM	1	12	18.17	18.21	18.62	18.24	18.25	19	0
5	256QAM	1	24	18.15	18.19	18.18	18.16	18.14		
5	256QAM	12	0	18.11	18.19	18.45	18.09	18.37		
5	256QAM	12	7	18.33	18.34	18.54	18.16	18.32	19	0
5	256QAM	12	13	18.29	18.20	18.52	18.07	18.09		
5	256QAM	25	0	18.34	18.22	18.33	18.07	18.23		

Full&Default Power Mode

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.70	24.67	24.67	25.5	0.0
20	PI/2 BPSK	1	53	24.82	24.71	24.82		
20	PI/2 BPSK	1	104	24.68	24.68	24.65		
20	PI/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	PI/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	PI/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61	25.5	0.0
20	QPSK	1	53	24.78	24.83	24.81		
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.76	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.74	24.79	24.62	25.5	0.0
20	PI/2 BPSK	1	53	24.92	24.93	24.91		
20	PI/2 BPSK	1	104	24.82	24.83	24.78		
20	PI/2 BPSK	50	0	24.28	24.40	24.23	25.0	0.5
20	PI/2 BPSK	50	28	24.82	24.90	24.78	25.5	0.0
20	PI/2 BPSK	50	56	24.07	24.11	24.01	25.0	0.5
20	PI/2 BPSK	100	0	24.28	24.36	24.22		
20	QPSK	1	1	24.59	24.64	24.55	25.5	0.0
20	QPSK	1	53	24.90	24.96	24.77		
20	QPSK	1	104	24.73	24.74	24.70		
20	QPSK	50	0	23.78	23.79	23.77	24.5	1.0
20	QPSK	50	28	24.90	24.94	24.91	25.5	0.0
20	QPSK	50	56	23.46	23.51	23.34	24.5	1.0
20	QPSK	100	0	23.72	23.76	23.65		
20	16QAM	1	53	23.48	23.50	23.45	24.5	1.0
20	64QAM	1	53	22.01	22.15	22.04	23.0	2.5
20	256QAM	1	53	20.64	20.62	20.67	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.47	24.61	24.48	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.58	24.63	24.51	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.52	24.53	24.51	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46	21.5	0.0
50	PI/2 BPSK	1	135	20.56	20.67	20.50		
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31	21.5	0.0
50	QPSK	1	135	20.70	20.73	20.63		
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.69	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.49	24.55	24.39	25.5	0.0
50	PI/2 BPSK	1	135	24.72	24.83	24.71		
50	PI/2 BPSK	1	268	24.50	24.62	24.41		
50	PI/2 BPSK	135	0	24.25	24.34	24.14	25.0	0.5
50	PI/2 BPSK	135	68	24.78	24.81	24.68	25.5	0.0
50	PI/2 BPSK	135	135	24.31	24.43	24.22	25.0	0.5
50	PI/2 BPSK	270	0	24.20	24.31	24.11		
50	QPSK	1	1	24.36	24.45	24.41	25.5	0.0
50	QPSK	1	135	24.74	24.85	24.70		
50	QPSK	1	268	24.52	24.60	24.48		
50	QPSK	135	0	23.61	23.66	23.62	24.5	1.0
50	QPSK	135	68	24.76	24.79	24.75	25.5	0.0
50	QPSK	135	135	23.74	23.81	23.80	24.5	1.0
50	QPSK	270	0	23.67	23.76	23.69		
50	16QAM	1	135	22.70	22.82	22.75	24.5	1.0
50	64QAM	1	135	21.08	21.15	21.14	23.0	2.5
50	256QAM	1	135	20.24	20.30	20.28	21.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	24.35	24.42	24.36	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	24.27	24.43	24.31	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	24.25	24.42	24.36	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	24.34	24.38	24.40	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	24.30	24.34	24.32	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	24.27	24.41	24.37	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	24.33	24.37	24.29	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.12	23.14	23.08	24.0	0.0
50	PI/2 BPSK	1	135	23.32	23.41	23.30		
50	PI/2 BPSK	1	268	23.13	23.22	23.14		
50	PI/2 BPSK	135	0	22.81	22.93	22.88	23.5	0.5
50	PI/2 BPSK	135	68	23.32	23.41	23.30	24.0	0.0
50	PI/2 BPSK	135	135	23.04	23.09	23.07	23.5	0.5
50	PI/2 BPSK	270	0	22.83	22.91	22.84		
50	QPSK	1	1	22.97	23.08	23.02	24.0	0.0
50	QPSK	1	135	23.32	23.45	23.35		
50	QPSK	1	268	23.01	23.12	23.03		
50	QPSK	135	0	22.30	22.31	22.27	23.0	1.0
50	QPSK	135	68	23.33	23.43	23.41	24.0	0.0
50	QPSK	135	135	22.40	22.45	22.40	23.0	1.0
50	QPSK	270	0	22.35	22.36	22.33		
50	16QAM	1	135	21.80	21.82	21.73	23.0	1.0
50	64QAM	1	135	20.37	20.44	20.41	21.5	2.5
50	256QAM	1	135	18.90	19.00	18.90	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	22.87	22.98	22.95	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	22.94	23.03	23.01	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	22.89	23.05	22.93	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	22.95	23.00	22.90	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	22.91	22.98	22.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.92	23.03	22.95	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.86	23.04	22.91	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.03	23.06	22.97	24.0	0.0
50	PI/2 BPSK	1	135	23.32	23.34	23.28		
50	PI/2 BPSK	1	268	23.01	23.09	23.01		
50	PI/2 BPSK	135	0	22.82	22.89	22.86	23.5	0.5
50	PI/2 BPSK	135	68	23.19	23.31	23.29	24.0	0.0
50	PI/2 BPSK	135	135	22.90	22.96	22.95	23.5	0.5
50	PI/2 BPSK	270	0	22.79	22.87	22.86		
50	QPSK	1	1	23.03	23.05	23.04	24.0	0.0
50	QPSK	1	135	23.31	23.38	23.26		
50	QPSK	1	268	23.04	23.12	23.04		
50	QPSK	135	0	22.25	22.30	22.22	23.0	1.0
50	QPSK	135	68	23.28	23.35	23.32	24.0	0.0
50	QPSK	135	135	22.31	22.37	22.31	23.0	1.0
50	QPSK	270	0	22.19	22.28	22.27		
50	16QAM	1	135	21.85	21.89	21.86	23.0	1.0
50	64QAM	1	135	20.43	20.44	20.39	21.5	2.5
50	256QAM	1	135	19.04	19.08	19.03	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	22.98	22.98	23.01	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	22.95	22.98	22.92	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	22.96	23.02	22.94	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	23.00	23.00	22.94	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	23.00	22.93	22.99	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.92	22.96	22.92	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.95	22.95	22.99	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.60	20.61	20.54	22.0	0.0
40	PI/2 BPSK	1	108	21.15	21.21	21.20		
40	PI/2 BPSK	1	214	20.55	20.58	20.56		
40	PI/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	PI/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	PI/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	PI/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40	22.0	0.0
40	QPSK	1	108	21.14	21.22	21.19		
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.93	24.03	23.94	25.5	0.0
40	PI/2 BPSK	1	108	24.67	24.71	24.60		
40	PI/2 BPSK	1	214	24.00	24.12	24.05		
40	PI/2 BPSK	108	0	23.80	23.91	23.79	25.0	0.5
40	PI/2 BPSK	108	54	24.58	24.68	24.66	25.5	0.0
40	PI/2 BPSK	108	108	23.92	24.00	23.99	25.0	0.5
40	PI/2 BPSK	216	0	23.85	23.97	23.93		
40	QPSK	1	1	23.96	24.03	24.02	25.5	0.0
40	QPSK	1	108	24.61	24.72	24.70		
40	QPSK	1	214	24.03	24.09	24.07		
40	QPSK	108	0	23.35	23.37	23.35	24.5	1.0
40	QPSK	108	54	24.68	24.63	24.61	25.5	0.0
40	QPSK	108	108	23.40	23.44	23.35	24.5	1.0
40	QPSK	216	0	23.35	23.37	23.27		
40	16QAM	1	108	23.56	23.57	23.50	24.5	1.0
40	64QAM	1	108	22.02	22.04	21.99	23.0	2.5
40	256QAM	1	108	20.51	20.63	20.62	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	24.54	24.61	24.58	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	24.50	24.61	24.57	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	24.44	24.57	24.54	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	24.51	24.53	24.50	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	24.52	24.56	24.60	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.23	23.24	23.21	24.2	0.0
40	PI/2 BPSK	1	108	23.74	23.78	23.72		
40	PI/2 BPSK	1	214	23.22	23.23	23.20		
40	PI/2 BPSK	108	0	22.94	23.03	22.97	23.7	0.5
40	PI/2 BPSK	108	54	23.68	23.80	23.75	24.2	0.0
40	PI/2 BPSK	108	108	23.01	23.11	23.07	23.7	0.5
40	PI/2 BPSK	216	0	23.09	23.16	23.12		
40	QPSK	1	1	23.06	23.18	23.17	24.2	0.0
40	QPSK	1	108	23.76	23.81	23.80		
40	QPSK	1	214	23.19	23.22	23.21		
40	QPSK	108	0	22.43	22.47	22.46	23.2	1.0
40	QPSK	108	54	23.72	23.76	23.72	24.2	0.0
40	QPSK	108	108	22.50	22.57	22.51	23.2	1.0
40	QPSK	216	0	22.48	22.53	22.41		
40	16QAM	1	108	22.62	22.71	22.64	23.2	1.0
40	64QAM	1	108	21.25	21.26	21.27	21.7	2.5
40	256QAM	1	108	19.46	19.52	19.43	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.46	23.62	23.65	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	23.52	23.68	23.52	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	23.71	23.68	23.67	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.51	23.80	23.77	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.52	23.59	23.66	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.48	22.56	22.45	24.2	0.0
40	PI/2 BPSK	1	108	23.03	23.11	23.00		
40	PI/2 BPSK	1	214	22.48	22.58	22.48		
40	PI/2 BPSK	108	0	22.34	22.36	22.32	23.7	0.5
40	PI/2 BPSK	108	54	23.07	23.10	23.05	24.2	0.0
40	PI/2 BPSK	108	108	22.45	22.49	22.40	23.7	0.5
40	PI/2 BPSK	216	0	22.36	22.41	22.34		
40	QPSK	1	1	22.47	22.57	22.51	24.2	0.0
40	QPSK	1	108	23.10	23.19	23.12		
40	QPSK	1	214	22.49	22.56	22.51		
40	QPSK	108	0	21.72	21.74	21.62	23.2	1.0
40	QPSK	108	54	23.02	23.06	23.05	24.2	0.0
40	QPSK	108	108	21.89	21.94	21.87	23.2	1.0
40	QPSK	216	0	21.79	21.85	21.80		
40	16QAM	1	108	21.85	21.93	21.86	23.2	1.0
40	64QAM	1	108	20.36	20.45	20.41	21.7	2.5
40	256QAM	1	108	18.94	19.02	19.01	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	22.92	22.95	22.93	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	22.93	23.04	22.90	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	22.87	23.05	22.95	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	22.85	23.03	23.00	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	22.92	22.98	22.94	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27	21.5	0.0
40	PI/2 BPSK	1	53	20.91	20.93	20.90		
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12	21.5	0.0
40	QPSK	1	53	20.88	20.98	20.88		
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55	21.5	0.0
40	QPSK	50	28	20.46	20.48	20.44		
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.38	24.41	24.37	25.5	0.0
40	PI/2 BPSK	1	53	24.80	24.91	24.87		
40	PI/2 BPSK	1	104	24.36	24.44	24.42		
40	PI/2 BPSK	50	0	24.04	24.14	24.12	25.0	0.5
40	PI/2 BPSK	50	28	24.61	24.64	24.59	25.5	0.0
40	PI/2 BPSK	50	56	24.11	24.17	24.15	25.0	0.5
40	PI/2 BPSK	100	0	24.11	24.18	24.11		
40	QPSK	1	1	24.24	24.32	24.21	25.5	0.0
40	QPSK	1	53	24.78	24.98	24.86		
40	QPSK	1	104	24.20	24.32	24.22		
40	QPSK	50	0	23.69	23.67	23.72	25.5	0.0
40	QPSK	50	28	24.43	24.44	24.41		
40	QPSK	50	56	23.66	23.74	23.69		
40	QPSK	100	0	23.24	23.34	23.31	24.5	1.0
40	16QAM	1	53	23.39	23.32	23.32	24.5	1.0
40	64QAM	1	53	21.88	21.86	21.89	23.0	2.5
40	256QAM	1	53	20.32	20.44	20.36	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	24.49	24.51	24.48	25.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	24.46	24.55	24.39	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.80	22.86	22.74	24.0	0.0
40	PI/2 BPSK	1	53	23.43	23.46	23.45		
40	PI/2 BPSK	1	104	22.91	23.02	23.00		
40	PI/2 BPSK	50	0	22.57	22.60	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.04	23.12	23.11	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.64	22.59	23.5	0.5
40	PI/2 BPSK	100	0	22.63	22.66	22.58		
40	QPSK	1	1	22.70	22.75	22.70	24.0	0.0
40	QPSK	1	53	23.35	23.49	23.45		
40	QPSK	1	104	22.87	22.92	22.82		
40	QPSK	50	0	22.05	22.01	22.04	24.0	0.0
40	QPSK	50	28	22.97	23.01	23.00		
40	QPSK	50	56	22.17	22.04	22.07		
40	QPSK	100	0	21.95	22.02	21.97	23.0	1.0
40	16QAM	1	53	22.23	22.27	22.22	23.0	1.0
40	64QAM	1	53	20.81	20.82	20.77	21.5	2.5
40	256QAM	1	53	19.42	19.43	19.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	22.65	22.74	22.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	22.64	22.70	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.87	22.97	22.96	24.0	0.0
40	PI/2 BPSK	1	53	23.38	23.47	23.39		
40	PI/2 BPSK	1	104	22.85	22.96	22.86		
40	PI/2 BPSK	50	0	22.64	22.68	22.57	23.5	0.5
40	PI/2 BPSK	50	28	23.09	23.19	23.09	24.0	0.0
40	PI/2 BPSK	50	56	22.57	22.60	22.59	23.5	0.5
40	PI/2 BPSK	100	0	22.58	22.66	22.64		
40	QPSK	1	1	22.74	22.85	22.75	24.0	0.0
40	QPSK	1	53	23.43	23.51	23.46		
40	QPSK	1	104	22.76	22.83	22.75		
40	QPSK	50	0	22.05	22.07	22.09	24.0	0.0
40	QPSK	50	28	22.98	22.99	22.98		
40	QPSK	50	56	22.07	22.01	22.08		
40	QPSK	100	0	21.95	22.06	21.99	23.0	1.0
40	16QAM	1	53	22.19	22.21	22.09	23.0	1.0
40	64QAM	1	53	20.71	20.78	20.73	21.5	2.5
40	256QAM	1	53	19.28	19.38	19.26	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	23.31	23.39	23.31	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	23.29	23.33	23.24	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62	21.5	0.0
100	PI/2 BPSK	1	137	20.89	20.94	20.79		
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57	21.5	0.0
100	QPSK	1	137	20.75	21.00	20.57		
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56	21.5	0.0
100	QPSK	135	69	20.61	20.66	20.51		
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.75	20.73	20.71	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	109	20.75	20.88	20.72	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.71	20.73	20.77	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	67	20.72	20.80	20.78	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.75	20.83	20.77	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.70	20.78	20.77	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	26	20.70	20.83	20.73	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.67	23.73	23.70	25.5	0.0
100	PI/2 BPSK	1	137	24.86	24.94	24.87		
100	PI/2 BPSK	1	271	23.80	23.85	23.75		
100	PI/2 BPSK	135	0	24.03	24.10	24.05	25.0	0.5
100	PI/2 BPSK	135	69	24.94	24.99	24.88	25.5	0.0
100	PI/2 BPSK	135	138	24.09	24.15	24.08	25.0	0.5
100	PI/2 BPSK	270	0	24.10	24.12	24.01		
100	QPSK	1	1	23.71	23.81	23.70	25.5	0.0
100	QPSK	1	137	24.91	25.00	24.94		
100	QPSK	1	271	23.78	23.81	23.78		
100	QPSK	135	0	23.59	23.61	23.55	25.5	0.0
100	QPSK	135	69	24.72	24.83	24.79		
100	QPSK	135	138	23.55	23.56	23.52		
100	QPSK	270	0	23.34	23.38	23.33	24.5	1.0
100	16QAM	1	137	23.59	23.62	23.52	24.5	1.0
100	64QAM	1	137	22.00	22.12	22.10	23.0	2.5
100	256QAM	1	137	20.64	20.65	20.60	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	24.67	24.75	24.69	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	24.59	24.78	24.58	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	24.70	24.71	24.67	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	24.60	24.73	24.65	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	24.61	24.74	24.67	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	24.60	24.70	24.62	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	24.67	24.72	24.63	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.20	22.26	22.17	24.0	0.0
100	PI/2 BPSK	1	137	23.41	23.52	23.49		
100	PI/2 BPSK	1	271	22.22	22.33	22.26		
100	PI/2 BPSK	135	0	22.46	22.58	22.49	23.5	0.5
100	PI/2 BPSK	135	69	23.38	23.48	23.44	24.0	0.0
100	PI/2 BPSK	135	138	22.49	22.59	22.50	23.5	0.5
100	PI/2 BPSK	270	0	22.52	22.60	22.50		
100	QPSK	1	1	22.25	22.29	22.22	24.0	0.0
100	QPSK	1	137	23.46	23.54	23.37		
100	QPSK	1	271	22.36	22.38	22.37		
100	QPSK	135	0	22.60	22.61	22.60	24.0	0.0
100	QPSK	135	69	23.30	23.46	23.26		
100	QPSK	135	138	22.54	22.60	22.58		
100	QPSK	270	0	22.45	22.48	22.37	23.0	1.0
100	16QAM	1	137	22.22	22.27	22.19	23.0	1.0
100	64QAM	1	137	20.61	20.65	20.59	21.5	2.5
100	256QAM	1	137	19.18	19.21	19.12	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	23.05	23.07	23.05	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.06	23.11	23.02	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.05	23.15	23.00	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.05	23.18	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.04	23.11	23.08	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.06	23.13	23.08	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.12	23.15	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.32	22.41	22.37	24.0	0.0
100	PI/2 BPSK	1	137	23.47	23.50	23.49		
100	PI/2 BPSK	1	271	22.24	22.30	22.27		
100	PI/2 BPSK	135	0	22.58	22.63	22.60	23.5	0.5
100	PI/2 BPSK	135	69	23.44	23.51	23.43	24.0	0.0
100	PI/2 BPSK	135	138	22.62	22.66	22.61	23.5	0.5
100	PI/2 BPSK	270	0	22.55	22.63	22.58		
100	QPSK	1	1	22.30	22.36	22.28	24.0	0.0
100	QPSK	1	137	23.50	23.55	23.25		
100	QPSK	1	271	22.10	22.22	22.13		
100	QPSK	135	0	22.09	22.03	22.14	24.0	0.0
100	QPSK	135	69	23.34	23.35	23.27		
100	QPSK	135	138	22.08	22.00	22.04		
100	QPSK	270	0	21.88	22.00	21.96	23.0	1.0
100	16QAM	1	137	22.06	22.15	22.05	23.0	1.0
100	64QAM	1	137	20.58	20.68	20.61	21.5	2.5
100	256QAM	1	137	19.25	19.28	19.21	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	23.27	23.24	23.26	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.20	23.29	23.17	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.25	23.32	23.23	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.28	23.25	23.24	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.24	23.31	23.23	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.28	23.28	23.27	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.29	23.28	23.27	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.93		24.5	0.0
100	PI/2 BPSK	1	137		23.91			
100	PI/2 BPSK	1	271		22.95			
100	PI/2 BPSK	135	0		23.56		24.5	0.0
100	PI/2 BPSK	135	69		23.80		24.5	0.0
100	PI/2 BPSK	135	138		23.57		24.5	0.0
100	PI/2 BPSK	270	0		23.61			
100	QPSK	1	1		22.95		24.5	0.0
100	QPSK	1	137		23.93			
100	QPSK	1	271		22.98			
100	QPSK	135	0		23.53		24.5	0.0
100	QPSK	135	69		23.75			
100	QPSK	135	138		23.52			
100	QPSK	270	0		23.49		24.5	0.0
100	16QAM	1	137		23.47		24.5	0.0
100	64QAM	1	137		23.53		24.5	0.0
100	256QAM	1	137		22.62		23.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.88	23.71	23.79	24.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	23.84	23.73	23.70	24.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.84	23.86	23.89	24.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	23.79	23.70	23.88	24.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.84	23.76	23.79	24.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	23.88	23.70	23.73	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.63		27.5	0.0
100	PI/2 BPSK	1	137		25.77			
100	PI/2 BPSK	1	271		25.70			
100	PI/2 BPSK	135	0		25.86		27.0	0.5
100	PI/2 BPSK	135	69		26.00		27.5	0.0
100	PI/2 BPSK	135	138		25.71		27.0	0.5
100	PI/2 BPSK	270	0		25.77			
100	QPSK	1	1		25.57		27.5	0.0
100	QPSK	1	137		25.81			
100	QPSK	1	271		25.38			
100	QPSK	135	0		25.48		27.5	0.0
100	QPSK	135	69		26.03			
100	QPSK	135	138		25.44			
100	QPSK	270	0		25.97		26.5	1.0
100	16QAM	1	137		25.47		26.5	1.0
100	64QAM	1	137		23.66		25.0	2.5
100	256QAM	1	137		22.20		23.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	25.80	25.70	25.77	27.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	25.78	25.78	25.70	27.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	25.70	25.77	25.79	27.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	25.67	25.78	25.71	27.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	25.69	25.71	25.75	27.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	25.74	25.78	25.72	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.96	23.01	22.94	24.5	0.0
100	PI/2 BPSK	1	137	23.61	23.73	23.72		
100	PI/2 BPSK	1	271	22.90	22.97	22.92		
100	PI/2 BPSK	135	0	23.37	23.42	23.40	24.0	0.5
100	PI/2 BPSK	135	69	23.51	23.60	23.54	24.5	0.0
100	PI/2 BPSK	135	138	23.36	23.37	23.26	24.0	0.5
100	PI/2 BPSK	270	0	23.25	23.32	23.31		
100	QPSK	1	1	22.91	22.96	22.93	24.5	0.0
100	QPSK	1	137	23.67	23.76	23.65		
100	QPSK	1	271	22.90	22.98	22.93		
100	QPSK	135	0	23.31	23.36	23.29	24.5	0.0
100	QPSK	135	69	23.52	23.53	23.44		
100	QPSK	135	138	23.24	23.26	23.14		
100	QPSK	270	0	23.23	23.29	23.28	23.5	1.0
100	16QAM	1	137	22.77	22.87	22.84	23.5	1.0
100	64QAM	1	137	21.76	21.87	21.76	22.0	2.5
100	256QAM	1	137	19.11	19.15	19.13	20.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	23.54	23.49	23.55	24.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	23.40	23.56	23.47	24.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	23.51	23.48	23.49	24.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	23.52	23.40	23.47	24.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	23.49	23.46	23.50	24.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	23.44	23.56	23.56	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.52	25.56	25.53	27.5	0.0
100	PI/2 BPSK	1	137	25.84	25.99	25.91		
100	PI/2 BPSK	1	271	25.48	25.61	25.55		
100	PI/2 BPSK	135	0	25.71	25.73	25.69	27.0	0.5
100	PI/2 BPSK	135	69	25.91	25.97	25.91	27.5	0.0
100	PI/2 BPSK	135	138	25.63	25.74	25.71	27.0	0.5
100	PI/2 BPSK	270	0	25.71	25.76	25.71		
100	QPSK	1	1	25.45	25.50	25.43	27.5	0.0
100	QPSK	1	137	25.88	26.03	25.98		
100	QPSK	1	271	25.61	25.66	25.61		
100	QPSK	135	0	25.39	25.41	25.35	27.5	0.0
100	QPSK	135	69	25.95	26.01	25.94		
100	QPSK	135	138	25.38	25.42	25.39		
100	QPSK	270	0	25.31	25.34	25.25	26.5	1.0
100	16QAM	1	137	24.88	24.92	24.91	26.5	1.0
100	64QAM	1	137	23.29	23.31	23.25	25.0	2.5
100	256QAM	1	137	21.18	21.22	21.19	23.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	26.02	25.91	25.98	27.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	25.95	25.99	25.89	27.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	25.91	25.97	25.96	27.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	25.93	25.94	25.95	27.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	25.92	25.93	25.86	27.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	25.91	25.85	25.81	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.50		25.5	0.0
100	PI/2 BPSK	1	137		24.59			
100	PI/2 BPSK	1	271		23.68			
100	PI/2 BPSK	135	0		24.24		25.5	0.0
100	PI/2 BPSK	135	69		24.50		25.5	0.0
100	PI/2 BPSK	135	138		24.30		25.5	0.0
100	PI/2 BPSK	270	0		24.26			
100	QPSK	1	1		23.61		25.5	0.0
100	QPSK	1	137		24.70			
100	QPSK	1	271		23.77			
100	QPSK	135	0		24.24		25.5	0.0
100	QPSK	135	69		24.54			
100	QPSK	135	138		24.35			
100	QPSK	270	0		24.22		25.5	0.0
100	16QAM	1	137		24.19		25.5	0.0
100	64QAM	1	137		24.17		25.5	0.0
100	256QAM	1	137		23.01		24.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	24.51	24.36	24.51	25.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	24.57	24.50	24.60	25.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	24.37	24.35	24.57	25.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	24.45	24.49	24.66	25.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	24.42	24.51	24.55	25.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	24.55	24.46	24.51	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		27.02		28.5	0.0
100	PI/2 BPSK	1	137		27.50			
100	PI/2 BPSK	1	271		27.09			
100	PI/2 BPSK	135	0		27.21		28.0	0.5
100	PI/2 BPSK	135	69		27.48		28.5	0.0
100	PI/2 BPSK	135	138		27.26		28.0	0.5
100	PI/2 BPSK	270	0		27.35			
100	QPSK	1	1		26.92		28.5	0.0
100	QPSK	1	137		27.54			
100	QPSK	1	271		27.05			
100	QPSK	135	0		26.98		28.5	0.0
100	QPSK	135	69		27.51			
100	QPSK	135	138		27.09			
100	QPSK	270	0		26.91		27.5	1.0
100	16QAM	1	137		26.82		27.5	1.0
100	64QAM	1	137		25.23		26.0	2.5
100	256QAM	1	137		23.17		24.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	27.36	27.17	27.23	28.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	27.28	27.28	27.09	28.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	27.23	27.10	27.29	28.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	27.37	27.06	27.37	28.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	27.29	27.26	27.28	28.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	27.43	27.24	27.24	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.67	23.74	23.70	25.5	0.0
100	PI/2 BPSK	1	137	24.54	24.62	24.52		
100	PI/2 BPSK	1	271	23.79	23.85	23.81		
100	PI/2 BPSK	135	0	24.20	24.23	24.12	25.0	0.5
100	PI/2 BPSK	135	69	24.43	24.51	24.42	25.5	0.0
100	PI/2 BPSK	135	138	24.18	24.29	24.18	25.0	0.5
100	PI/2 BPSK	270	0	24.18	24.26	24.20		
100	QPSK	1	1	23.67	23.68	23.66	25.5	0.0
100	QPSK	1	137	24.40	24.63	24.55		
100	QPSK	1	271	23.71	23.76	23.65		
100	QPSK	135	0	24.12	24.22	24.14	25.5	0.0
100	QPSK	135	69	24.30	24.50	24.42		
100	QPSK	135	138	24.17	24.24	24.18		
100	QPSK	270	0	24.03	24.14	24.10	24.5	1.0
100	16QAM	1	137	24.37	24.49	24.43	24.5	1.0
100	64QAM	1	137	22.78	22.81	22.76	23.0	2.5
100	256QAM	1	137	20.30	20.35	20.25	21.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	24.40	24.53	24.22	25.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	24.45	24.51	24.29	25.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	24.28	24.41	24.32	25.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	24.43	24.47	24.44	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.34	24.44	24.42	25.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	24.48	24.36	24.50	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	27.34	27.53	27.40	28.5	0.0
100	PI/2 BPSK	1	137	28.23	28.26	28.26		
100	PI/2 BPSK	1	271	27.58	27.59	27.51		
100	PI/2 BPSK	135	0	27.49	27.72	27.70	28.0	0.5
100	PI/2 BPSK	135	69	28.13	28.22	28.03	28.5	0.0
100	PI/2 BPSK	135	138	27.79	27.75	27.63	28.0	0.5
100	PI/2 BPSK	270	0	27.35	27.56	27.60		
100	QPSK	1	1	27.47	27.61	27.65	28.5	0.0
100	QPSK	1	137	28.23	28.35	28.28		
100	QPSK	1	271	27.57	27.58	27.57		
100	QPSK	135	0	27.51	27.55	27.56	28.5	0.0
100	QPSK	135	69	28.12	28.33	28.16		
100	QPSK	135	138	27.52	27.56	27.40		
100	QPSK	270	0	27.24	27.31	27.22	27.5	1.0
100	16QAM	1	137	26.76	26.83	26.88	27.5	1.0
100	64QAM	1	137	24.98	25.21	24.96	26.0	2.5
100	256QAM	1	137	22.98	23.11	22.95	24.0	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	27.68	27.80	27.95	28.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	27.87	27.94	28.04	28.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	27.74	27.79	27.88	28.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	27.88	27.95	27.88	28.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	27.81	27.82	28.04	28.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	27.76	27.96	28.00	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.41		22.3	0.0
100	PI/2 BPSK	1	137		21.37			
100	PI/2 BPSK	1	271		20.43			
100	PI/2 BPSK	135	0		21.00		22.3	0.0
100	PI/2 BPSK	135	69		21.29		22.3	0.0
100	PI/2 BPSK	135	138		21.11		22.3	0.0
100	PI/2 BPSK	270	0		21.08			
100	QPSK	1	1		20.45		22.3	0.0
100	QPSK	1	137		21.42			
100	QPSK	1	271		20.49			
100	QPSK	135	0		20.98		22.3	0.0
100	QPSK	135	69		21.21			
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.07		22.3	0.0
100	16QAM	1	137		20.85		22.3	0.0
100	64QAM	1	137		20.81		22.3	0.0
100	256QAM	1	137		19.02		20.8	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.94	21.02	20.96	22.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.98	21.01	20.98	22.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	21.02	20.98	20.98	22.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	21.03	20.97	20.97	22.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	21.01	21.02	20.93	22.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	21.01	20.98	21.02	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.81		25.3	0.0
100	PI/2 BPSK	1	137		24.35			
100	PI/2 BPSK	1	271		24.04			
100	PI/2 BPSK	135	0		24.12		24.8	0.5
100	PI/2 BPSK	135	69		24.35		25.3	0.0
100	PI/2 BPSK	135	138		24.15		24.8	0.5
100	PI/2 BPSK	270	0		24.31			
100	QPSK	1	1		23.81		25.3	0.0
100	QPSK	1	137		24.41			
100	QPSK	1	271		23.98			
100	QPSK	135	0		23.62		25.3	0.0
100	QPSK	135	69		24.38			
100	QPSK	135	138		23.73			
100	QPSK	270	0		23.90		24.3	1.0
100	16QAM	1	137		23.24		24.3	1.0
100	64QAM	1	137		21.66		22.8	2.5
100	256QAM	1	137		19.85		20.8	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	24.00	24.04	23.90	25.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	23.96	23.97	23.98	25.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	24.13	24.05	24.01	25.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	23.88	24.05	23.81	25.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	24.05	24.12	23.98	25.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	23.98	23.92	23.94	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.46	20.56	20.55	22.3	0.0
100	PI/2 BPSK	1	137	21.41	21.42	21.34		
100	PI/2 BPSK	1	271	20.51	20.60	20.54		
100	PI/2 BPSK	135	0	20.97	21.03	20.95	21.8	0.5
100	PI/2 BPSK	135	69	21.22	21.28	21.26	22.3	0.0
100	PI/2 BPSK	135	138	21.07	21.09	20.97	21.8	0.5
100	PI/2 BPSK	270	0	21.00	21.03	20.98		
100	QPSK	1	1	20.55	20.60	20.54	22.3	0.0
100	QPSK	1	137	21.11	21.45	21.33		
100	QPSK	1	271	20.47	20.59	20.50		
100	QPSK	135	0	20.87	20.96	20.89	22.3	0.0
100	QPSK	135	69	21.01	21.22	21.21		
100	QPSK	135	138	20.97	21.00	20.90		
100	QPSK	270	0	20.88	20.98	20.92	21.3	1.0
100	16QAM	1	137	20.24	20.36	20.31	21.3	1.0
100	64QAM	1	137	19.67	19.72	19.69	19.8	2.5
100	256QAM	1	137	16.27	16.36	16.33	17.8	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	20.45	20.65	20.63	22.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	20.67	20.48	20.59	22.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	20.41	20.74	20.49	22.3	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	20.51	20.67	20.56	22.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.62	20.56	20.67	22.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	20.57	20.68	20.60	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.02	24.01	24.02	25.3	0.0
100	PI/2 BPSK	1	137	24.73	24.97	24.98		
100	PI/2 BPSK	1	271	24.14	24.21	24.01		
100	PI/2 BPSK	135	0	24.33	24.28	24.30	24.8	0.5
100	PI/2 BPSK	135	69	24.83	24.95	24.91	25.3	0.0
100	PI/2 BPSK	135	138	24.08	24.22	24.26	24.8	0.5
100	PI/2 BPSK	270	0	24.36	24.36	24.21		
100	QPSK	1	1	24.14	24.15	24.20	25.3	0.0
100	QPSK	1	137	24.83	25.13	25.03		
100	QPSK	1	271	24.16	24.17	24.22		
100	QPSK	135	0	24.11	24.10	24.18	25.3	0.0
100	QPSK	135	69	24.95	25.08	24.98		
100	QPSK	135	138	24.11	24.14	24.17		
100	QPSK	270	0	23.64	23.87	23.81	24.3	1.0
100	16QAM	1	137	23.48	23.60	23.59	24.3	1.0
100	64QAM	1	137	21.97	22.02	21.85	22.8	2.5
100	256QAM	1	137	19.73	19.91	19.83	20.8	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	24.67	24.51	24.62	25.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	24.70	24.51	24.60	25.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	24.56	24.51	24.62	25.3	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	24.79	24.53	24.71	25.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.76	24.74	24.64	25.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	24.54	24.76	24.74	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.26		21.0	0.0
100	PI/2 BPSK	1	137		20.27			
100	PI/2 BPSK	1	271		19.28			
100	PI/2 BPSK	135	0		20.01		21.0	0.0
100	PI/2 BPSK	135	69		20.22		21.0	0.0
100	PI/2 BPSK	135	138		19.95		21.0	0.0
100	PI/2 BPSK	270	0		20.00			
100	QPSK	1	1		19.26		21.0	0.0
100	QPSK	1	137		20.33			
100	QPSK	1	271		19.31			
100	QPSK	135	0		19.97		21.0	0.0
100	QPSK	135	69		20.16			
100	QPSK	135	138		19.90			
100	QPSK	270	0		19.94		21.0	0.0
100	16QAM	1	137		19.89		21.0	0.0
100	64QAM	1	137		19.53		21.0	0.0
100	256QAM	1	137		18.53		19.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.18	20.20	20.19	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.16	20.20	20.24	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.15	20.17	20.18	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.24	20.19	20.17	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.25	20.16	20.25	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.23	20.23	20.19	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.83		24.0	0.0
100	PI/2 BPSK	1	137		23.37			
100	PI/2 BPSK	1	271		22.91			
100	PI/2 BPSK	135	0		23.08		23.5	0.5
100	PI/2 BPSK	135	69		23.34		24.0	0.0
100	PI/2 BPSK	135	138		23.09		23.5	0.5
100	PI/2 BPSK	270	0		22.92			
100	QPSK	1	1		22.82		24.0	0.0
100	QPSK	1	137		23.46			
100	QPSK	1	271		22.93			
100	QPSK	135	0		22.61		24.0	0.0
100	QPSK	135	69		23.39			
100	QPSK	135	138		22.62			
100	QPSK	270	0		22.37		23.0	1.0
100	16QAM	1	137		22.21		23.0	1.0
100	64QAM	1	137		20.66		21.5	2.5
100	256QAM	1	137		18.53		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.08	23.23	23.21	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	23.02	23.27	23.10	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.14	23.22	23.31	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	23.13	23.13	23.25	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.11	23.32	23.31	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	23.11	23.12	23.16	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.22	19.26	19.21	21.0	0.0
100	PI/2 BPSK	1	137	20.04	20.15	19.87		
100	PI/2 BPSK	1	271	19.19	19.25	19.16		
100	PI/2 BPSK	135	0	19.65	19.83	19.53	21.0	0.0
100	PI/2 BPSK	135	69	19.86	20.06	19.77	21.0	0.0
100	PI/2 BPSK	135	138	19.65	19.76	19.50	21.0	0.0
100	PI/2 BPSK	270	0	19.61	19.82	19.51		
100	QPSK	1	1	19.20	19.32	19.21	21.0	0.0
100	QPSK	1	137	19.86	20.17	19.75		
100	QPSK	1	271	19.18	19.32	19.24		
100	QPSK	135	0	19.59	19.74	19.50	21.0	0.0
100	QPSK	135	69	19.74	20.02	19.72		
100	QPSK	135	138	19.61	19.73	19.49		
100	QPSK	270	0	19.56	19.72	19.49	21.0	0.0
100	16QAM	1	137	19.05	19.10	19.08	21.0	0.0
100	64QAM	1	137	19.06	19.12	19.11	21.0	0.0
100	256QAM	1	137	18.02	18.18	17.95	19.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	19.94	19.86	19.73	21.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	19.93	19.91	19.88	21.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	19.92	19.78	19.71	21.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	19.73	19.96	19.93	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.75	20.05	19.95	21.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	19.86	19.96	19.92	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.74	22.89	22.77	24.0	0.0
100	PI/2 BPSK	1	137	23.70	23.73	23.72		
100	PI/2 BPSK	1	271	22.89	22.93	22.76		
100	PI/2 BPSK	135	0	23.20	23.15	22.94	23.5	0.5
100	PI/2 BPSK	135	69	23.54	23.77	23.76	24.0	0.0
100	PI/2 BPSK	135	138	22.88	23.07	22.92	23.5	0.5
100	PI/2 BPSK	270	0	23.01	23.10	22.88		
100	QPSK	1	1	22.95	22.86	22.82	24.0	0.0
100	QPSK	1	137	23.62	23.81	23.64		
100	QPSK	1	271	22.89	22.84	23.04		
100	QPSK	135	0	22.86	22.83	22.82	24.0	0.0
100	QPSK	135	69	23.50	23.79	23.61		
100	QPSK	135	138	22.94	22.81	22.86		
100	QPSK	270	0	22.73	22.78	22.64	23.0	1.0
100	16QAM	1	137	21.71	21.92	21.67	23.0	1.0
100	64QAM	1	137	20.08	20.29	20.07	21.5	2.5
100	256QAM	1	137	17.97	18.17	18.21	19.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	23.67	23.46	23.33	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	23.59	23.36	23.45	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	23.60	23.32	23.53	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	23.52	23.49	23.51	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	23.48	23.42	23.54	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	23.51	23.60	23.29	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.93		24.5	0.0
100	PI/2 BPSK	1	137		23.82			
100	PI/2 BPSK	1	271		23.05			
100	PI/2 BPSK	135	0		23.60		24.5	0.0
100	PI/2 BPSK	135	69		23.71		24.5	0.0
100	PI/2 BPSK	135	138		23.62		24.5	0.0
100	PI/2 BPSK	270	0		23.56			
100	QPSK	1	1		22.97		24.5	0.0
100	QPSK	1	137		23.86			
100	QPSK	1	271		23.11			
100	QPSK	135	0		23.50		24.5	0.0
100	QPSK	135	69		23.78			
100	QPSK	135	138		23.60			
100	QPSK	270	0		23.54		24.5	0.0
100	16QAM	1	137		23.01		24.5	0.0
100	64QAM	1	137		22.95		24.5	0.0
100	256QAM	1	137		22.07		23.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.68	23.59	23.65	24.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	23.81	23.71	23.64	24.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	23.70	23.67	23.58	24.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.78	23.68	23.71	24.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	23.75	23.70	23.60	24.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.81	23.56	23.56	24.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	23.77	23.53	23.54	24.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	23.76	23.59	23.50	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					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.84		27.5	0.0
100	PI/2 BPSK	1	137		25.79			
100	PI/2 BPSK	1	271		25.86			
100	PI/2 BPSK	135	0		25.90		27.0	0.5
100	PI/2 BPSK	135	69		25.79		27.5	0.0
100	PI/2 BPSK	135	138		25.88		27.0	0.5
100	PI/2 BPSK	270	0		25.95			
100	QPSK	1	1		25.79		27.5	0.0
100	QPSK	1	137		25.96			
100	QPSK	1	271		25.70			
100	QPSK	135	0		25.48		27.5	0.0
100	QPSK	135	69		25.91			
100	QPSK	135	138		25.66			
100	QPSK	270	0		25.95		26.5	1.0
100	16QAM	1	137		25.16		26.5	1.0
100	64QAM	1	137		23.54		25.0	2.5
100	256QAM	1	137		21.53		23.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	25.94	25.90	25.83	27.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	25.85	25.92	25.85	27.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	25.88	25.95	25.95	27.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	25.86	25.88	25.84	27.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	25.90	25.82	25.90	27.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	25.90	25.92	25.89	27.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	25.93	25.94	25.88	27.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	25.90	25.85	25.81	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.03		24.5	0.0
100	PI/2 BPSK	1	137		23.57			
100	PI/2 BPSK	1	271		22.97			
100	PI/2 BPSK	135	0		23.32		24.5	0.0
100	PI/2 BPSK	135	69		23.53		24.5	0.0
100	PI/2 BPSK	135	138		23.30		24.5	0.0
100	PI/2 BPSK	270	0		23.27			
100	QPSK	1	1		23.01		24.5	0.0
100	QPSK	1	137		23.61			
100	QPSK	1	271		22.94			
100	QPSK	135	0		23.30		24.5	0.0
100	QPSK	135	69		23.47			
100	QPSK	135	138		23.21			
100	QPSK	270	0		23.23		24.5	0.0
100	16QAM	1	137		23.07		24.5	0.0
100	64QAM	1	137		23.13		24.5	0.0
100	256QAM	1	137		21.64		23.0	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	23.39	23.39	23.21	24.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	23.41	23.46	23.26	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	23.34	23.35	23.21	24.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	23.39	23.53	23.22	24.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	23.31	23.34	23.34	24.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	23.39	23.38	23.29	24.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	23.33	23.25	23.23	24.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	23.44	23.53	23.26	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.64		27.5	0.0
100	PI/2 BPSK	1	137		26.00			
100	PI/2 BPSK	1	271		25.58			
100	PI/2 BPSK	135	0		25.84		27.0	0.5
100	PI/2 BPSK	135	69		25.97		27.5	0.0
100	PI/2 BPSK	135	138		25.65		27.0	0.5
100	PI/2 BPSK	270	0		25.62			
100	QPSK	1	1		25.60		27.5	0.0
100	QPSK	1	137		26.07			
100	QPSK	1	271		25.59			
100	QPSK	135	0		25.44		27.5	0.0
100	QPSK	135	69		25.98			
100	QPSK	135	138		25.40			
100	QPSK	270	0		25.17		26.5	1.0
100	16QAM	1	137		24.90		26.5	1.0
100	64QAM	1	137		23.56		25.0	2.5
100	256QAM	1	137		21.23		23.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	25.94	25.93	25.92	27.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	25.99	25.99	26.00	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	26.02	25.97	25.98	27.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	25.99	26.06	26.04	27.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	25.93	26.00	25.97	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	26.04	26.01	25.96	27.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	25.98	26.03	25.98	27.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	25.96	25.98	26.00	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.71		25.5	0.0
100	PI/2 BPSK	1	137		24.65			
100	PI/2 BPSK	1	271		23.92			
100	PI/2 BPSK	135	0		24.29		25.5	0.0
100	PI/2 BPSK	135	69		24.55		25.5	0.0
100	PI/2 BPSK	135	138		24.41		25.5	0.0
100	PI/2 BPSK	270	0		24.35			
100	QPSK	1	1		23.80		25.5	0.0
100	QPSK	1	137		24.69			
100	QPSK	1	271		23.95			
100	QPSK	135	0		24.24		25.5	0.0
100	QPSK	135	69		24.50			
100	QPSK	135	138		24.32			
100	QPSK	270	0		24.29		25.5	0.0
100	16QAM	1	137		24.55		25.5	0.0
100	64QAM	1	137		24.22		25.5	0.0
100	256QAM	1	137		22.92		24.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	24.26	24.47	24.32	25.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	24.35	24.37	24.25	25.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	24.22	24.41	24.22	25.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	24.36	24.61	24.45	25.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	24.20	24.48	24.39	25.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	24.15	24.61	24.18	25.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	24.25	24.39	24.46	25.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	24.21	24.46	24.20	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.59		28.5	0.0
100	PI/2 BPSK	1	137		27.44			
100	PI/2 BPSK	1	271		26.63			
100	PI/2 BPSK	135	0		26.61		28.0	0.5
100	PI/2 BPSK	135	69		27.42		28.5	0.0
100	PI/2 BPSK	135	138		26.70		28.0	0.5
100	PI/2 BPSK	270	0		27.41			
100	QPSK	1	1		26.62		28.5	0.0
100	QPSK	1	137		27.50			
100	QPSK	1	271		26.88			
100	QPSK	135	0		26.58		28.5	0.0
100	QPSK	135	69		27.43			
100	QPSK	135	138		26.59			
100	QPSK	270	0		26.52		27.5	1.0
100	16QAM	1	137		26.69		27.5	1.0
100	64QAM	1	137		25.02		26.0	2.5
100	256QAM	1	137		23.13		24.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	26.84	26.85	26.99	28.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	26.83	26.73	26.98	28.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	26.86	26.93	26.91	28.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	26.93	26.78	27.04	28.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	26.98	26.74	26.86	28.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	26.78	26.71	27.05	28.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	26.82	26.87	26.97	28.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	26.95	26.73	27.13	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.58		25.5	0.0
100	PI/2 BPSK	1	137		24.47			
100	PI/2 BPSK	1	271		23.59			
100	PI/2 BPSK	135	0		24.25		25.5	0.0
100	PI/2 BPSK	135	69		24.46		25.5	0.0
100	PI/2 BPSK	135	138		24.23		25.5	0.0
100	PI/2 BPSK	270	0		24.21			
100	QPSK	1	1		23.57		25.5	0.0
100	QPSK	1	137		24.48			
100	QPSK	1	271		23.56			
100	QPSK	135	0		24.12		25.5	0.0
100	QPSK	135	69		24.38			
100	QPSK	135	138		24.19			
100	QPSK	270	0		24.06		25.5	0.0
100	16QAM	1	137		24.36		25.5	0.0
100	64QAM	1	137		24.36		25.5	0.0
100	256QAM	1	137		23.10		24.0	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	24.16	24.27	24.25	25.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	24.16	24.19	24.21	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.26	24.28	24.35	25.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	24.28	24.25	24.37	25.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	24.15	24.37	24.11	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.17	24.16	24.31	25.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	24.29	24.22	24.20	25.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	24.30	24.26	24.19	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		27.17		28.5	0.0
100	PI/2 BPSK	1	137		28.09			
100	PI/2 BPSK	1	271		27.42			
100	PI/2 BPSK	135	0		27.43		28.0	0.5
100	PI/2 BPSK	135	69		28.03		28.5	0.0
100	PI/2 BPSK	135	138		27.54		28.0	0.5
100	PI/2 BPSK	270	0		27.47			
100	QPSK	1	1		27.20		28.5	0.0
100	QPSK	1	137		28.11			
100	QPSK	1	271		27.31			
100	QPSK	135	0		27.09		28.5	0.0
100	QPSK	135	69		28.06			
100	QPSK	135	138		27.07			
100	QPSK	270	0		27.01		27.5	1.0
100	16QAM	1	137		26.81		27.5	1.0
100	64QAM	1	137		25.23		26.0	2.5
100	256QAM	1	137		23.14		24.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	27.93	27.95	27.86	28.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	27.98	27.98	27.92	28.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	27.99	27.99	28.01	28.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	27.94	28.06	27.87	28.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	27.87	27.97	27.96	28.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	27.92	28.10	27.80	28.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	27.86	27.92	27.73	28.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	27.99	27.92	27.94	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.48		22.3	0.0
100	PI/2 BPSK	1	137		21.40			
100	PI/2 BPSK	1	271		20.55			
100	PI/2 BPSK	135	0		21.05		22.3	0.0
100	PI/2 BPSK	135	69		21.34		22.3	0.0
100	PI/2 BPSK	135	138		21.05		22.3	0.0
100	PI/2 BPSK	270	0		21.07			
100	QPSK	1	1		20.45		22.3	0.0
100	QPSK	1	137		21.41			
100	QPSK	1	271		20.51			
100	QPSK	135	0		21.01		22.3	0.0
100	QPSK	135	69		21.25			
100	QPSK	135	138		21.03			
100	QPSK	270	0		21.02		22.3	0.0
100	16QAM	1	137		20.74		22.3	0.0
100	64QAM	1	137		20.75		22.3	0.0
100	256QAM	1	137		19.51		20.8	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	21.17	21.09	21.26	22.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	21.31	21.14	21.15	22.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	21.14	21.06	21.29	22.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	21.19	21.05	21.36	22.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	21.26	21.16	21.21	22.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	21.03	21.10	21.36	22.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	21.16	21.19	21.40	22.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	21.23	21.07	21.30	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.74		25.3	0.0
100	PI/2 BPSK	1	137		24.36			
100	PI/2 BPSK	1	271		23.94			
100	PI/2 BPSK	135	0		23.85		24.8	0.5
100	PI/2 BPSK	135	69		24.33		25.3	0.0
100	PI/2 BPSK	135	138		24.01		24.8	0.5
100	PI/2 BPSK	270	0		23.92			
100	QPSK	1	1		23.71		25.3	0.0
100	QPSK	1	137		24.40			
100	QPSK	1	271		23.88			
100	QPSK	135	0		23.62		25.3	0.0
100	QPSK	135	69		24.37			
100	QPSK	135	138		23.58			
100	QPSK	270	0		23.42		24.3	1.0
100	16QAM	1	137		23.20		24.3	1.0
100	64QAM	1	137		21.59		22.8	2.5
100	256QAM	1	137		19.61		20.8	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.96	23.90	23.98	25.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	24.09	23.77	24.07	25.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	23.93	24.01	23.84	25.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.93	24.01	23.91	25.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	24.10	24.01	23.83	25.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.92	24.01	23.93	25.3	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	24.02	23.86	23.83	25.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	24.09	23.98	23.91	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.36		22.3	0.0
100	PI/2 BPSK	1	137		21.14			
100	PI/2 BPSK	1	271		20.38			
100	PI/2 BPSK	135	0		20.90		22.3	0.0
100	PI/2 BPSK	135	69		21.09		22.3	0.0
100	PI/2 BPSK	135	138		20.91		22.3	0.0
100	PI/2 BPSK	270	0		20.90			
100	QPSK	1	1		20.38		22.3	0.0
100	QPSK	1	137		21.20			
100	QPSK	1	271		20.41			
100	QPSK	135	0		20.80		22.3	0.0
100	QPSK	135	69		21.04			
100	QPSK	135	138		20.91			
100	QPSK	270	0		20.81		22.3	0.0
100	16QAM	1	137		20.38		22.3	0.0
100	64QAM	1	137		20.47		22.3	0.0
100	256QAM	1	137		19.31		20.8	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	20.73	20.78	21.02	22.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	20.82	20.79	20.89	22.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.77	20.84	20.88	22.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	20.68	20.82	21.06	22.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	20.80	20.72	21.16	22.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.63	20.64	21.08	22.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	20.61	20.89	21.03	22.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	20.59	20.77	21.17	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.73		25.3	0.0
100	PI/2 BPSK	1	137		24.50			
100	PI/2 BPSK	1	271		23.92			
100	PI/2 BPSK	135	0		23.85		24.8	0.5
100	PI/2 BPSK	135	69		24.50		25.3	0.0
100	PI/2 BPSK	135	138		24.02		24.8	0.5
100	PI/2 BPSK	270	0		23.96			
100	QPSK	1	1		23.64		25.3	0.0
100	QPSK	1	137		24.57			
100	QPSK	1	271		23.78			
100	QPSK	135	0		23.56		25.3	0.0
100	QPSK	135	69		24.54			
100	QPSK	135	138		23.61			
100	QPSK	270	0		23.50		24.3	1.0
100	16QAM	1	137		23.12		24.3	1.0
100	64QAM	1	137		21.56		22.8	2.5
100	256QAM	1	137		19.56		20.8	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	24.37	24.34	24.32	25.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	24.39	24.21	24.18	25.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.37	24.35	24.30	25.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	24.49	24.42	24.22	25.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	24.48	24.29	24.30	25.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.28	24.25	24.28	25.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	24.49	24.26	24.33	25.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	24.23	24.22	24.27	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.39		21.0	0.0
100	PI/2 BPSK	1	137		20.23			
100	PI/2 BPSK	1	271		19.40			
100	PI/2 BPSK	135	0		20.02		21.0	0.0
100	PI/2 BPSK	135	69		20.15		21.0	0.0
100	PI/2 BPSK	135	138		20.02		21.0	0.0
100	PI/2 BPSK	270	0		20.04			
100	QPSK	1	1		19.41		21.0	0.0
100	QPSK	1	137		20.27			
100	QPSK	1	271		19.46			
100	QPSK	135	0		19.97		21.0	0.0
100	QPSK	135	69		20.10			
100	QPSK	135	138		19.95			
100	QPSK	270	0		19.93		21.0	0.0
100	16QAM	1	137		20.08		21.0	0.0
100	64QAM	1	137		20.07		21.0	0.0
100	256QAM	1	137		18.93		19.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.17	20.21	20.21	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.24	20.21	20.24	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.21	20.16	20.17	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.21	20.22	20.16	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.13	20.15	20.27	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.09	20.24	20.14	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.12	20.14	20.21	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.11	20.08	20.18	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.94		24.0	0.0
100	PI/2 BPSK	1	137		23.26			
100	PI/2 BPSK	1	271		22.96			
100	PI/2 BPSK	135	0		23.07		23.5	0.5
100	PI/2 BPSK	135	69		23.24		24.0	0.0
100	PI/2 BPSK	135	138		23.02		23.5	0.5
100	PI/2 BPSK	270	0		22.84			
100	QPSK	1	1		22.82		24.0	0.0
100	QPSK	1	137		23.30			
100	QPSK	1	271		22.91			
100	QPSK	135	0		22.89		24.0	0.0
100	QPSK	135	69		23.28			
100	QPSK	135	138		22.70			
100	QPSK	270	0		22.40		23.0	1.0
100	16QAM	1	137		22.56		23.0	1.0
100	64QAM	1	137		21.01		21.5	2.5
100	256QAM	1	137		18.97		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.16	23.16	23.06	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	23.07	23.16	22.98	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	23.22	23.15	23.11	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.25	23.26	22.97	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	23.27	23.13	23.01	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.21	23.15	23.13	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	23.22	23.06	22.92	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	23.01	23.14	23.19	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.03		21.0	0.0
100	PI/2 BPSK	1	137		19.81			
100	PI/2 BPSK	1	271		19.21			
100	PI/2 BPSK	135	0		19.52		21.0	0.0
100	PI/2 BPSK	135	69		19.85		21.0	0.0
100	PI/2 BPSK	135	138		19.79		21.0	0.0
100	PI/2 BPSK	270	0		19.57			
100	QPSK	1	1		19.09		21.0	0.0
100	QPSK	1	137		19.88			
100	QPSK	1	271		19.19			
100	QPSK	135	0		19.45		21.0	0.0
100	QPSK	135	69		19.77			
100	QPSK	135	138		19.67			
100	QPSK	270	0		19.54		21.0	0.0
100	16QAM	1	137		19.06		21.0	0.0
100	64QAM	1	137		19.06		21.0	0.0
100	256QAM	1	137		18.10		19.5	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.55	19.45	19.56	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.64	19.34	19.70	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.45	19.33	19.56	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.40	19.34	19.65	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.62	19.32	19.67	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.50	19.59	19.65	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.70	19.50	19.47	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.41	19.34	19.55	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.52		24.0	0.0
100	PI/2 BPSK	1	137		23.51			
100	PI/2 BPSK	1	271		22.89			
100	PI/2 BPSK	135	0		22.78		23.5	0.5
100	PI/2 BPSK	135	69		23.50		24.0	0.0
100	PI/2 BPSK	135	138		23.05		23.5	0.5
100	PI/2 BPSK	270	0		22.95			
100	QPSK	1	1		22.61		24.0	0.0
100	QPSK	1	137		23.55			
100	QPSK	1	271		22.88			
100	QPSK	135	0		22.66		24.0	0.0
100	QPSK	135	69		23.53			
100	QPSK	135	138		22.67			
100	QPSK	270	0		22.57		23.0	1.0
100	16QAM	1	137		22.17		23.0	1.0
100	64QAM	1	137		20.52		21.5	2.5
100	256QAM	1	137		18.39		19.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	23.22	22.99	23.02	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	23.19	23.10	23.04	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	23.17	22.87	22.99	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	23.32	22.87	22.92	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	23.15	22.98	22.91	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	23.19	22.92	22.88	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	23.20	22.89	23.16	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	23.16	22.93	23.14	24.0	0.0

Reduced Power Mode for DSI0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.70	24.67	24.67		
20	PI/2 BPSK	1	53	24.82	24.71	24.82	25.5	0.0
20	PI/2 BPSK	1	104	24.68	24.68	24.65		
20	PI/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	PI/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	PI/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61		
20	QPSK	1	53	24.78	24.83	24.81	25.5	0.0
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.76	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.17	23.27	23.09		
20	PI/2 BPSK	1	53	23.24	23.27	23.06	24.0	0.0
20	PI/2 BPSK	1	104	23.22	23.29	23.12		
20	PI/2 BPSK	50	0	23.16	23.34	23.06	24.0	0.0
20	PI/2 BPSK	50	28	23.22	23.27	23.04	24.0	0.0
20	PI/2 BPSK	50	56	23.24	23.32	23.12	24.0	0.0
20	PI/2 BPSK	100	0	23.18	23.30	22.99		
20	QPSK	1	1	23.16	23.30	23.09		
20	QPSK	1	53	23.25	23.35	23.11	24.0	0.0
20	QPSK	1	104	23.14	23.28	23.08		
20	QPSK	50	0	23.21	23.31	23.07	24.0	0.0
20	QPSK	50	28	23.23	23.33	23.10	24.0	0.0
20	QPSK	50	56	23.18	23.30	23.04	24.0	0.0
20	QPSK	100	0	23.15	23.28	23.02		
20	16QAM	1	53	23.16	23.29	23.02	24.0	0.0
20	64QAM	1	53	22.01	22.15	22.04	23.0	1.0
20	256QAM	1	53	20.64	20.62	20.67	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.17	23.24	23.02	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.19	23.22	23.01	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.11	23.27	23.00	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46	21.5	0.0
50	PI/2 BPSK	1	135	20.56	20.67	20.50		
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31	21.5	0.0
50	QPSK	1	135	20.70	20.73	20.63		
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.69	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.49	16.63	16.54	17.5	0.0
50	PI/2 BPSK	1	135	16.53	16.62	16.47		
50	PI/2 BPSK	1	268	16.48	16.65	16.48		
50	PI/2 BPSK	135	0	16.49	16.62	16.49	17.5	0.0
50	PI/2 BPSK	135	68	16.51	16.66	16.50	17.5	0.0
50	PI/2 BPSK	135	135	16.51	16.67	16.51	17.5	0.0
50	PI/2 BPSK	270	0	16.56	16.60	16.48		
50	QPSK	1	1	16.56	16.64	16.49	17.5	0.0
50	QPSK	1	135	16.58	16.69	16.55		
50	QPSK	1	268	16.57	16.66	16.45		
50	QPSK	135	0	16.51	16.61	16.50	17.5	0.0
50	QPSK	135	68	16.56	16.64	16.53	17.5	0.0
50	QPSK	135	135	16.51	16.61	16.50	17.5	0.0
50	QPSK	270	0	16.48	16.62	16.43		
50	16QAM	1	135	16.51	16.68	16.44	17.5	0.0
50	64QAM	1	135	16.53	16.68	16.46	17.5	0.0
50	256QAM	1	135	16.55	16.63	16.51	17.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	16.53	16.64	16.48	17.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	16.53	16.66	16.48	17.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	16.55	16.63	16.55	17.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	16.55	16.61	16.51	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	16.51	16.66	16.51	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	16.51	16.64	16.46	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	16.51	16.63	16.49	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.12	23.14	23.08	24.0	0.0
50	PI/2 BPSK	1	135	23.32	23.41	23.30		
50	PI/2 BPSK	1	268	23.13	23.22	23.14		
50	PI/2 BPSK	135	0	22.81	22.93	22.88	23.5	0.5
50	PI/2 BPSK	135	68	23.32	23.41	23.30	24.0	0.0
50	PI/2 BPSK	135	135	23.04	23.09	23.07	23.5	0.5
50	PI/2 BPSK	270	0	22.83	22.91	22.84		
50	QPSK	1	1	22.97	23.08	23.02	24.0	0.0
50	QPSK	1	135	23.32	23.45	23.35		
50	QPSK	1	268	23.01	23.12	23.03		
50	QPSK	135	0	22.30	22.31	22.27	23.0	1.0
50	QPSK	135	68	23.33	23.43	23.41	24.0	0.0
50	QPSK	135	135	22.40	22.45	22.40	23.0	1.0
50	QPSK	270	0	22.35	22.36	22.33		
50	16QAM	1	135	21.80	21.82	21.73	23.0	1.0
50	64QAM	1	135	20.37	20.44	20.41	21.5	2.5
50	256QAM	1	135	18.90	19.00	18.90	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	22.87	22.98	22.95	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	22.94	23.03	23.01	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	22.89	23.05	22.93	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	22.95	23.00	22.90	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	22.91	22.98	22.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.92	23.03	22.95	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.86	23.04	22.91	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.26	17.33	17.23	18.0	0.0
50	PI/2 BPSK	1	135	17.29	17.37	17.18		
50	PI/2 BPSK	1	268	17.24	17.36	17.20		
50	PI/2 BPSK	135	0	17.23	17.35	17.21	18.0	0.0
50	PI/2 BPSK	135	68	17.21	17.36	17.16	18.0	0.0
50	PI/2 BPSK	135	135	17.32	17.35	17.22	18.0	0.0
50	PI/2 BPSK	270	0	17.25	17.29	17.22		
50	QPSK	1	1	17.28	17.35	17.18	18.0	0.0
50	QPSK	1	135	17.32	17.40	17.23		
50	QPSK	1	268	17.20	17.34	17.16		
50	QPSK	135	0	17.24	17.33	17.16	18.0	0.0
50	QPSK	135	68	17.27	17.38	17.20	18.0	0.0
50	QPSK	135	135	17.19	17.30	17.11	18.0	0.0
50	QPSK	270	0	17.30	17.34	17.07		
50	16QAM	1	135	17.26	17.34	17.15	18.0	0.0
50	64QAM	1	135	17.27	17.31	17.23	18.0	0.0
50	256QAM	1	135	17.23	17.33	17.17	18.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	17.27	17.32	17.19	18.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	17.27	17.32	17.16	18.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	17.28	17.34	17.18	18.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	17.22	17.35	17.13	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	17.27	17.36	17.18	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	17.25	17.36	17.16	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	17.26	17.39	17.14	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.60	20.61	20.54	22.0	0.0
40	PI/2 BPSK	1	108	21.15	21.21	21.20		
40	PI/2 BPSK	1	214	20.55	20.58	20.56		
40	PI/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	PI/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	PI/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	PI/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40	22.0	0.0
40	QPSK	1	108	21.14	21.22	21.19		
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.55	17.66	17.66	18.5	0.0
40	PI/2 BPSK	1	108	17.56	17.64	17.61		
40	PI/2 BPSK	1	214	17.56	17.63	17.58		
40	PI/2 BPSK	108	0	17.58	17.58	17.58	18.5	0.0
40	PI/2 BPSK	108	54	17.55	17.61	17.58	18.5	0.0
40	PI/2 BPSK	108	108	17.55	17.63	17.62	18.5	0.0
40	PI/2 BPSK	216	0	17.51	17.64	17.58		
40	QPSK	1	1	17.53	17.63	17.61	18.5	0.0
40	QPSK	1	108	17.60	17.70	17.67		
40	QPSK	1	214	17.53	17.58	17.65		
40	QPSK	108	0	17.48	17.64	17.62	18.5	0.0
40	QPSK	108	54	17.56	17.68	17.65	18.5	0.0
40	QPSK	108	108	17.52	17.64	17.55	18.5	0.0
40	QPSK	216	0	17.48	17.64	17.43		
40	16QAM	1	108	17.53	17.64	17.58	18.5	0.0
40	64QAM	1	108	17.53	17.66	17.58	18.5	0.0
40	256QAM	1	108	17.56	17.66	17.65	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	17.52	17.60	17.63	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	17.58	17.65	17.56	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	17.53	17.63	17.61	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	17.52	17.64	17.57	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	17.53	17.63	17.57	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.23	23.24	23.21	24.2	0.0
40	PI/2 BPSK	1	108	23.74	23.78	23.72		
40	PI/2 BPSK	1	214	23.22	23.23	23.20		
40	PI/2 BPSK	108	0	22.94	23.03	22.97	23.7	0.5
40	PI/2 BPSK	108	54	23.68	23.80	23.75	24.2	0.0
40	PI/2 BPSK	108	108	23.01	23.11	23.07	23.7	0.5
40	PI/2 BPSK	216	0	23.09	23.16	23.12		
40	QPSK	1	1	23.06	23.18	23.17	24.2	0.0
40	QPSK	1	108	23.76	23.81	23.80		
40	QPSK	1	214	23.19	23.22	23.21		
40	QPSK	108	0	22.43	22.47	22.46	23.2	1.0
40	QPSK	108	54	23.72	23.76	23.72	24.2	0.0
40	QPSK	108	108	22.50	22.57	22.51	23.2	1.0
40	QPSK	216	0	22.48	22.53	22.41		
40	16QAM	1	108	22.62	22.71	22.64	23.2	1.0
40	64QAM	1	108	21.25	21.26	21.27	21.7	2.5
40	256QAM	1	108	19.46	19.52	19.43	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.46	23.62	23.65	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	23.52	23.68	23.52	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	23.71	23.68	23.67	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.51	23.80	23.77	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.52	23.59	23.66	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.06	22.17	22.06	23.2	0.0
40	PI/2 BPSK	1	108	22.06	22.17	22.10		
40	PI/2 BPSK	1	214	22.06	22.09	22.10		
40	PI/2 BPSK	108	0	22.14	22.13	22.11	23.2	0.0
40	PI/2 BPSK	108	54	22.14	22.15	22.05	23.2	0.0
40	PI/2 BPSK	108	108	22.15	22.18	22.04	23.2	0.0
40	PI/2 BPSK	216	0	22.07	22.14	22.02		
40	QPSK	1	1	22.10	22.20	22.10	23.2	0.0
40	QPSK	1	108	22.17	22.21	22.13		
40	QPSK	1	214	22.08	22.18	22.08		
40	QPSK	108	0	21.72	21.74	21.62	23.2	0.0
40	QPSK	108	54	22.11	22.16	22.08	23.2	0.0
40	QPSK	108	108	21.89	21.94	21.87	23.2	0.0
40	QPSK	216	0	21.79	21.85	21.80		
40	16QAM	1	108	21.85	21.93	21.86	23.2	0.0
40	64QAM	1	108	20.36	20.45	20.41	21.7	1.5
40	256QAM	1	108	18.94	19.02	19.01	19.7	3.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.12	22.16	22.06	23.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.16	22.12	22.06	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	22.14	22.16	22.05	23.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.11	22.16	22.07	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	22.13	22.14	22.08	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27	21.5	0.0
40	PI/2 BPSK	1	53	20.91	20.93	20.90		
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12	21.5	0.0
40	QPSK	1	53	20.88	20.98	20.88		
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55	21.5	0.0
40	QPSK	50	28	20.46	20.48	20.44		
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.11	17.24	17.19	18.0	0.0
40	PI/2 BPSK	1	53	17.13	17.27	17.12		
40	PI/2 BPSK	1	104	17.08	17.17	17.11		
40	PI/2 BPSK	50	0	17.12	17.21	17.15	18.0	0.0
40	PI/2 BPSK	50	28	17.10	17.17	17.14	18.0	0.0
40	PI/2 BPSK	50	56	17.15	17.21	17.18	18.0	0.0
40	PI/2 BPSK	100	0	17.09	17.21	17.10		
40	QPSK	1	1	17.06	17.21	17.13	18.0	0.0
40	QPSK	1	53	17.15	17.28	17.20		
40	QPSK	1	104	17.09	17.19	17.18		
40	QPSK	50	0	17.06	17.19	17.06	18.0	0.0
40	QPSK	50	28	17.11	17.25	17.16		
40	QPSK	50	56	17.09	17.19	17.10		
40	QPSK	100	0	17.05	17.22	17.03	18.0	0.0
40	16QAM	1	53	17.07	17.26	17.19	18.0	0.0
40	64QAM	1	53	17.05	17.20	17.18	18.0	0.0
40	256QAM	1	53	17.13	17.22	17.18	18.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	17.11	17.19	17.09	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	17.10	17.25	17.10	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.80	22.86	22.74	24.0	0.0
40	PI/2 BPSK	1	53	23.43	23.46	23.45		
40	PI/2 BPSK	1	104	22.91	23.02	23.00		
40	PI/2 BPSK	50	0	22.57	22.60	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.04	23.12	23.11	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.64	22.59	23.5	0.5
40	PI/2 BPSK	100	0	22.63	22.66	22.58		
40	QPSK	1	1	22.70	22.75	22.70	24.0	0.0
40	QPSK	1	53	23.35	23.49	23.45		
40	QPSK	1	104	22.87	22.92	22.82		
40	QPSK	50	0	22.05	22.01	22.04	24.0	0.0
40	QPSK	50	28	22.97	23.01	23.00		
40	QPSK	50	56	22.17	22.04	22.07		
40	QPSK	100	0	21.95	22.02	21.97	23.0	1.0
40	16QAM	1	53	22.23	22.27	22.22	23.0	1.0
40	64QAM	1	53	20.81	20.82	20.77	21.5	2.5
40	256QAM	1	53	19.42	19.43	19.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	22.65	22.74	22.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	22.64	22.70	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.72	18.80	18.81	19.5	0.0
40	PI/2 BPSK	1	53	18.76	18.87	18.75		
40	PI/2 BPSK	1	104	18.68	18.82	18.75		
40	PI/2 BPSK	50	0	18.71	18.80	18.72	19.5	0.0
40	PI/2 BPSK	50	28	18.71	18.77	18.81	19.5	0.0
40	PI/2 BPSK	50	56	18.69	18.82	18.77	19.5	0.0
40	PI/2 BPSK	100	0	18.77	18.81	18.81		
40	QPSK	1	1	18.70	18.85	18.79	19.5	0.0
40	QPSK	1	53	18.78	18.89	18.83		
40	QPSK	1	104	18.70	18.87	18.76		
40	QPSK	50	0	18.65	18.80	18.76	19.5	0.0
40	QPSK	50	28	18.74	18.86	18.80		
40	QPSK	50	56	18.71	18.79	18.72		
40	QPSK	100	0	18.68	18.83	18.62	19.5	0.0
40	16QAM	1	53	18.74	18.84	18.79	19.5	0.0
40	64QAM	1	53	18.71	18.86	18.76	19.5	0.0
40	256QAM	1	53	18.75	18.85	18.77	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	18.76	18.85	18.77	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	18.74	18.87	18.75	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62	21.5	0.0
100	PI/2 BPSK	1	137	20.89	20.94	20.79		
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57	21.5	0.0
100	QPSK	1	137	20.75	21.00	20.57		
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56	21.5	0.0
100	QPSK	135	69	20.61	20.66	20.51		
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.75	20.73	20.71	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	109	20.75	20.88	20.72	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.71	20.73	20.77	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	67	20.72	20.80	20.78	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.75	20.83	20.77	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.70	20.78	20.77	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	26	20.70	20.83	20.73	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.71	16.80	16.71	17.5	0.0
100	PI/2 BPSK	1	137	16.70	16.79	16.75		
100	PI/2 BPSK	1	271	16.74	16.77	16.70		
100	PI/2 BPSK	135	0	16.75	16.79	16.71	17.5	0.0
100	PI/2 BPSK	135	69	16.73	16.73	16.79	17.5	0.0
100	PI/2 BPSK	135	138	16.72	16.78	16.73	17.5	0.0
100	PI/2 BPSK	270	0	16.74	16.76	16.78		
100	QPSK	1	1	16.73	16.73	16.72	17.5	0.0
100	QPSK	1	137	16.77	16.83	16.80		
100	QPSK	1	271	16.75	16.80	16.77		
100	QPSK	135	0	16.67	16.81	16.67	17.5	0.0
100	QPSK	135	69	16.74	16.82	16.77		
100	QPSK	135	138	16.65	16.73	16.71		
100	QPSK	270	0	16.63	16.78	16.60	17.5	0.0
100	16QAM	1	137	16.71	16.74	16.77	17.5	0.0
100	64QAM	1	137	16.66	16.79	16.76	17.5	0.0
100	256QAM	1	137	16.77	16.76	16.76	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	16.71	16.79	16.72	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	16.75	16.76	16.76	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	16.76	16.75	16.71	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	16.73	16.75	16.68	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	16.76	16.79	16.71	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	16.76	16.74	16.76	17.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	16.69	16.80	16.78	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.20	22.26	22.17	24.0	0.0
100	PI/2 BPSK	1	137	23.41	23.52	23.49		
100	PI/2 BPSK	1	271	22.22	22.33	22.26		
100	PI/2 BPSK	135	0	22.46	22.58	22.49	23.5	0.5
100	PI/2 BPSK	135	69	23.38	23.48	23.44	24.0	0.0
100	PI/2 BPSK	135	138	22.49	22.59	22.50	23.5	0.5
100	PI/2 BPSK	270	0	22.52	22.60	22.50		
100	QPSK	1	1	22.25	22.29	22.22	24.0	0.0
100	QPSK	1	137	23.46	23.54	23.37		
100	QPSK	1	271	22.36	22.38	22.37		
100	QPSK	135	0	22.60	22.61	22.60	24.0	0.0
100	QPSK	135	69	23.30	23.46	23.29		
100	QPSK	135	138	22.54	22.60	22.58		
100	QPSK	270	0	22.45	22.48	22.37	23.0	1.0
100	16QAM	1	137	22.22	22.27	22.19	23.0	1.0
100	64QAM	1	137	20.61	20.65	20.59	21.5	2.5
100	256QAM	1	137	19.18	19.21	19.12	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	23.05	23.07	23.05	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.06	23.11	23.02	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.05	23.15	23.00	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.05	23.18	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.04	23.11	23.08	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.06	23.13	23.08	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.12	23.15	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.31	18.31	18.09	19.0	0.0
100	PI/2 BPSK	1	137	18.23	18.33	18.07		
100	PI/2 BPSK	1	271	18.21	18.29	18.11		
100	PI/2 BPSK	135	0	18.27	18.33	18.14	19.0	0.0
100	PI/2 BPSK	135	69	18.28	18.33	18.11	19.0	0.0
100	PI/2 BPSK	135	138	18.26	18.37	18.15	19.0	0.0
100	PI/2 BPSK	270	0	18.31	18.32	18.12		
100	QPSK	1	1	18.31	18.30	18.12	19.0	0.0
100	QPSK	1	137	18.32	18.38	18.16		
100	QPSK	1	271	18.31	18.33	18.11		
100	QPSK	135	0	18.19	18.25	18.04	19.0	0.0
100	QPSK	135	69	18.28	18.33	18.11		
100	QPSK	135	138	18.21	18.29	18.07		
100	QPSK	270	0	18.18	18.27	18.05	19.0	0.0
100	16QAM	1	137	18.26	18.29	18.10	19.0	0.0
100	64QAM	1	137	18.27	18.32	18.06	19.0	0.0
100	256QAM	1	137	18.27	18.37	18.11	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	18.29	18.30	18.10	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	18.24	18.29	18.10	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	18.26	18.32	18.08	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	18.24	18.30	18.09	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	18.22	18.37	18.11	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	18.25	18.27	18.12	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	18.23	18.32	18.11	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.75		20.5	0.0
100	PI/2 BPSK	1	137		19.73			
100	PI/2 BPSK	1	271		19.76			
100	PI/2 BPSK	135	0		19.77		20.5	0.0
100	PI/2 BPSK	135	69		19.73		20.5	0.0
100	PI/2 BPSK	135	138		19.70		20.5	0.0
100	PI/2 BPSK	270	0		19.71			
100	QPSK	1	1		19.77		20.5	0.0
100	QPSK	1	137		19.81			
100	QPSK	1	271		19.79			
100	QPSK	135	0		19.73		20.5	0.0
100	QPSK	135	69		19.75			
100	QPSK	135	138		19.70			
100	QPSK	270	0		19.71		20.5	0.0
100	16QAM	1	137		19.75		20.5	0.0
100	64QAM	1	137		19.76		20.5	0.0
100	256QAM	1	137		18.75		20.0	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	19.63	19.77	19.67	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	19.74	19.73	19.65	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	19.64	19.78	19.67	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	19.64	19.79	19.67	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	19.75	19.77	19.70	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	19.67	19.71	19.66	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.30		23.5	0.0
100	PI/2 BPSK	1	137		23.31			
100	PI/2 BPSK	1	271		23.38			
100	PI/2 BPSK	135	0		23.30		23.5	0.0
100	PI/2 BPSK	135	69		23.35		23.5	0.0
100	PI/2 BPSK	135	138		23.33		23.5	0.0
100	PI/2 BPSK	270	0		23.34			
100	QPSK	1	1		23.34		23.5	0.0
100	QPSK	1	137		23.39			
100	QPSK	1	271		23.38			
100	QPSK	135	0		23.33		23.5	0.0
100	QPSK	135	69		23.34			
100	QPSK	135	138		23.31			
100	QPSK	270	0		23.23		23.5	0.0
100	16QAM	1	137		23.37		23.5	0.0
100	64QAM	1	137		23.21		23.5	0.0
100	256QAM	1	137		22.84		23.0	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.26	23.36	23.21	23.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	23.26	23.35	23.17	23.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.28	23.37	23.18	23.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	23.31	23.32	23.29	23.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.31	23.34	23.26	23.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	23.29	23.34	23.26	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.31	19.41	19.30	20.5	0.0
100	PI/2 BPSK	1	137	19.32	19.39	19.30		
100	PI/2 BPSK	1	271	19.31	19.43	19.25		
100	PI/2 BPSK	135	0	19.36	19.42	19.24	20.5	0.0
100	PI/2 BPSK	135	69	19.29	19.42	19.30	20.5	0.0
100	PI/2 BPSK	135	138	19.36	19.38	19.36		
100	PI/2 BPSK	270	0	19.33	19.36	19.25		
100	QPSK	1	1	19.32	19.38	19.24	20.5	0.0
100	QPSK	1	137	19.38	19.44	19.35		
100	QPSK	1	271	19.35	19.39	19.27		
100	QPSK	135	0	19.27	19.32	19.25	20.5	0.0
100	QPSK	135	69	19.31	19.33	19.28		
100	QPSK	135	138	19.25	19.27	19.26		
100	QPSK	270	0	19.20	19.30	19.18	20.5	0.0
100	16QAM	1	1	19.27	19.42	19.25	20.5	0.0
100	64QAM	1	1	19.33	19.43	19.27	20.5	0.0
100	256QAM	1	1	18.29	18.37	18.32	19.5	1.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	19.30	19.39	19.29	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	19.26	19.32	19.28	20.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	19.33	19.36	19.32	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	19.35	19.39	19.26	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.28	19.34	19.24	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	19.36	19.39	19.34	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.85	22.96	22.80	23.5	0.0
100	PI/2 BPSK	1	137	22.85	22.97	22.74		
100	PI/2 BPSK	1	271	22.81	22.98	22.85		
100	PI/2 BPSK	135	0	22.86	22.95	22.79	23.5	0.0
100	PI/2 BPSK	135	69	22.85	22.99	22.83	23.5	0.0
100	PI/2 BPSK	135	138	22.86	22.95	22.81		
100	PI/2 BPSK	270	0	22.89	22.89	22.81		
100	QPSK	1	1	22.86	22.98	22.78	23.5	0.0
100	QPSK	1	137	22.91	23.00	22.85		
100	QPSK	1	271	22.84	22.91	22.84		
100	QPSK	135	0	22.79	22.88	22.66	23.5	0.0
100	QPSK	135	69	22.85	22.92	22.76		
100	QPSK	135	138	22.76	22.83	22.69		
100	QPSK	270	0	22.72	22.87	22.68	23.5	0.0
100	16QAM	1	137	22.84	22.94	22.76	23.5	0.0
100	64QAM	1	137	22.85	22.93	22.77	23.5	0.0
100	256QAM	1	137	21.83	21.91	21.77	22.5	1.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	22.80	22.91	22.83	23.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	22.82	22.96	22.77	23.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	22.82	22.91	22.81	23.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	22.81	22.90	22.81	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	22.85	22.96	22.83	23.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	22.83	22.89	22.80	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.58		14.5	0.0
100	PI/2 BPSK	1	137		13.59			
100	PI/2 BPSK	1	271		13.51			
100	PI/2 BPSK	135	0		13.56		14.5	0.0
100	PI/2 BPSK	135	69		13.57		14.5	0.0
100	PI/2 BPSK	135	138		13.48		14.5	0.0
100	PI/2 BPSK	270	0		13.58			
100	QPSK	1	1		13.50		14.5	0.0
100	QPSK	1	137		13.60			
100	QPSK	1	271		13.51			
100	QPSK	135	0		13.50		14.5	0.0
100	QPSK	135	69		13.55			
100	QPSK	135	138		13.47			
100	QPSK	270	0		13.51		14.5	0.0
100	16QAM	1	137		13.58		14.5	0.0
100	64QAM	1	137		13.53		14.5	0.0
100	256QAM	1	137		13.57		14.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	13.52	13.53	13.46	14.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	13.51	13.53	13.52	14.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	13.46	13.56	13.44	14.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	13.52	13.57	13.47	14.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	13.48	13.52	13.48	14.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	13.48	13.57	13.43	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.41		17.5	0.0
100	PI/2 BPSK	1	137		17.39			
100	PI/2 BPSK	1	271		17.44			
100	PI/2 BPSK	135	0		17.36		17.5	0.0
100	PI/2 BPSK	135	69		17.37		17.5	0.0
100	PI/2 BPSK	135	138		17.40		17.5	0.0
100	PI/2 BPSK	270	0		17.41			
100	QPSK	1	1		17.40		17.5	0.0
100	QPSK	1	137		17.46			
100	QPSK	1	271		17.45			
100	QPSK	135	0		17.35		17.5	0.0
100	QPSK	135	69		17.39			
100	QPSK	135	138		17.32			
100	QPSK	270	0		17.33		17.5	0.0
100	16QAM	1	137		17.42		17.5	0.0
100	64QAM	1	137		17.42		17.5	0.0
100	256QAM	1	137		17.40		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.37	17.38	17.32	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.33	17.40	17.32	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.38	17.39	17.29	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.38	17.44	17.36	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.34	17.42	17.34	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.37	17.42	17.33	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.42	13.42	13.32	14.5	0.0
100	PI/2 BPSK	1	137	13.46	13.43	13.36		
100	PI/2 BPSK	1	271	13.40	13.43	13.31		
100	PI/2 BPSK	135	0	13.42	13.48	13.31	14.5	0.0
100	PI/2 BPSK	135	69	13.40	13.40	13.34	14.5	0.0
100	PI/2 BPSK	135	138	13.40	13.46	13.37	14.5	0.0
100	PI/2 BPSK	270	0	13.40	13.42	13.33		
100	QPSK	1	1	13.41	13.43	13.31	14.5	0.0
100	QPSK	1	137	13.46	13.51	13.41		
100	QPSK	1	271	13.43	13.47	13.37		
100	QPSK	135	0	13.34	13.36	13.29	14.5	0.0
100	QPSK	135	69	13.40	13.48	13.36		
100	QPSK	135	138	13.39	13.43	13.32		
100	QPSK	270	0	13.36	13.44	13.28	14.5	0.0
100	16QAM	1	137	13.43	13.45	13.32	14.5	0.0
100	64QAM	1	137	13.42	13.45	13.35	14.5	0.0
100	256QAM	1	137	13.40	13.47	13.35	14.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	13.38	13.45	13.36	14.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	13.44	13.44	13.39	14.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	13.45	13.44	13.36	14.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	13.44	13.46	13.38	14.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	13.45	13.49	13.33	14.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	13.40	13.40	13.36	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.31	17.35	17.22	17.5	0.0
100	PI/2 BPSK	1	137	17.31	17.26	17.29		
100	PI/2 BPSK	1	271	17.30	17.32	17.20		
100	PI/2 BPSK	135	0	17.29	17.35	17.18	17.5	0.0
100	PI/2 BPSK	135	69	17.32	17.29	17.26	17.5	0.0
100	PI/2 BPSK	135	138	17.27	17.30	17.28	17.5	0.0
100	PI/2 BPSK	270	0	17.29	17.34	17.24		
100	QPSK	1	1	17.26	17.29	17.17	17.5	0.0
100	QPSK	1	137	17.33	17.36	17.29		
100	QPSK	1	271	17.23	17.28	17.15		
100	QPSK	135	0	17.17	17.27	17.19	17.5	0.0
100	QPSK	135	69	17.27	17.31	17.24		
100	QPSK	135	138	17.19	17.24	17.22		
100	QPSK	270	0	17.14	17.26	17.16	17.5	0.0
100	16QAM	1	137	17.22	17.29	17.20	17.5	0.0
100	64QAM	1	137	17.28	17.29	17.22	17.5	0.0
100	256QAM	1	137	17.28	17.35	17.22	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	17.27	17.29	17.23	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	17.28	17.25	17.24	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	17.27	17.34	17.25	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	17.33	17.31	17.21	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.26	17.29	17.28	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	17.29	17.25	17.26	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.96		13.8	0.0
100	PI/2 BPSK	1	137		13.00			
100	PI/2 BPSK	1	271		12.96			
100	PI/2 BPSK	135	0		12.93		13.8	0.0
100	PI/2 BPSK	135	69		12.98		13.8	0.0
100	PI/2 BPSK	135	138		12.98		13.8	0.0
100	PI/2 BPSK	270	0		12.93			
100	QPSK	1	1		12.97		13.8	0.0
100	QPSK	1	137		13.01			
100	QPSK	1	271		12.64			
100	QPSK	135	0		12.66		13.8	0.0
100	QPSK	135	69		12.92			
100	QPSK	135	138		12.78			
100	QPSK	270	0		12.72		13.8	0.0
100	16QAM	1	137		11.87		13.8	0.0
100	64QAM	1	137		11.95		13.8	0.0
100	256QAM	1	137		12.23		13.8	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	12.88	12.99	12.86	13.8	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	12.85	12.96	12.83	13.8	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	12.94	12.95	12.87	13.8	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	12.92	12.99	12.88	13.8	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	12.86	12.94	12.91	13.8	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	12.92	12.96	12.84	13.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.27		16.8	0.0
100	PI/2 BPSK	1	137		16.18			
100	PI/2 BPSK	1	271		16.25			
100	PI/2 BPSK	135	0		16.26		16.8	0.0
100	PI/2 BPSK	135	69		16.26		16.8	0.0
100	PI/2 BPSK	135	138		16.25		16.8	0.0
100	PI/2 BPSK	270	0		16.19			
100	QPSK	1	1		16.19		16.8	0.0
100	QPSK	1	137		16.30			
100	QPSK	1	271		16.14			
100	QPSK	135	0		15.81		16.8	0.0
100	QPSK	135	69		16.06			
100	QPSK	135	138		15.83			
100	QPSK	270	0		15.86		16.8	0.0
100	16QAM	1	137		15.46		16.8	0.0
100	64QAM	1	137		15.41		16.8	0.0
100	256QAM	1	137		15.34		16.8	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.23	16.25	16.15	16.8	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.24	16.23	16.20	16.8	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.24	16.22	16.16	16.8	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.21	16.20	16.20	16.8	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.15	16.29	16.09	16.8	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.24	16.19	16.16	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.71	12.90	12.80	13.8	0.0
100	PI/2 BPSK	1	137	12.71	12.87	12.92		
100	PI/2 BPSK	1	271	12.82	12.93	12.88		
100	PI/2 BPSK	135	0	12.79	12.90	12.86	13.8	0.0
100	PI/2 BPSK	135	69	12.77	12.90	12.84	13.8	0.0
100	PI/2 BPSK	135	138	12.78	12.92	12.89	13.8	0.0
100	PI/2 BPSK	270	0	12.77	12.89	12.87		
100	QPSK	1	1	12.76	12.88	12.90	13.8	0.0
100	QPSK	1	137	12.83	12.95	12.91		
100	QPSK	1	271	12.77	12.79	12.84		
100	QPSK	135	0	12.72	12.86	12.78	13.8	0.0
100	QPSK	135	69	12.76	12.87	12.86		
100	QPSK	135	138	12.72	12.85	12.77		
100	QPSK	270	0	12.70	12.73	12.68	13.8	0.0
100	16QAM	1	137	12.76	12.92	12.82	13.8	0.0
100	64QAM	1	137	12.80	12.92	12.86	13.8	0.0
100	256QAM	1	137	12.76	12.86	12.86	13.8	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	12.75	12.85	12.86	13.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	12.76	12.89	12.87	13.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	12.77	12.84	12.86	13.8	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	12.80	12.86	12.83	13.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	12.78	12.83	12.83	13.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	12.82	12.86	12.81	13.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.14	16.20	16.17	16.8	0.0
100	PI/2 BPSK	1	137	16.18	16.21	16.15		
100	PI/2 BPSK	1	271	16.09	16.17	16.19		
100	PI/2 BPSK	135	0	16.15	16.18	16.17	16.8	0.0
100	PI/2 BPSK	135	69	16.10	16.22	16.14	16.8	0.0
100	PI/2 BPSK	135	138	16.14	16.19	16.14	16.8	0.0
100	PI/2 BPSK	270	0	16.18	16.18	16.13		
100	QPSK	1	1	16.12	16.23	16.19	16.8	0.0
100	QPSK	1	137	16.20	16.27	16.22		
100	QPSK	1	271	16.04	16.18	16.07		
100	QPSK	135	0	16.09	16.14	16.07	16.8	0.0
100	QPSK	135	69	16.15	16.22	16.17		
100	QPSK	135	138	16.08	16.16	16.12		
100	QPSK	270	0	16.03	16.18	16.10	16.8	0.0
100	16QAM	1	137	16.11	16.24	16.14	16.8	0.0
100	64QAM	1	137	16.15	16.26	16.21	16.8	0.0
100	256QAM	1	137	16.17	16.16	16.14	16.8	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	16.13	16.20	16.11	16.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	16.19	16.20	16.18	16.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	16.11	16.21	16.15	16.8	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	16.13	16.16	16.15	16.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.18	16.24	16.15	16.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	16.13	16.23	16.14	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.28		16.0	0.0
100	PI/2 BPSK	1	137		15.24			
100	PI/2 BPSK	1	271		15.34			
100	PI/2 BPSK	135	0		15.28		16.0	0.0
100	PI/2 BPSK	135	69		15.26		16.0	0.0
100	PI/2 BPSK	135	138		15.32		16.0	0.0
100	PI/2 BPSK	270	0		15.26			
100	QPSK	1	1		15.26		16.0	0.0
100	QPSK	1	137		15.35			
100	QPSK	1	271		15.28			
100	QPSK	135	0		15.25		16.0	0.0
100	QPSK	135	69		15.30			
100	QPSK	135	138		15.21			
100	QPSK	270	0		15.26		16.0	0.0
100	16QAM	1	137		15.28		16.0	0.0
100	64QAM	1	137		15.27		16.0	0.0
100	256QAM	1	137		15.32		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	15.25	15.32	15.21	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.20	15.34	15.21	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	15.30	15.24	15.18	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	15.23	15.29	15.19	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	15.27	15.31	15.25	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.23	15.24	15.14	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.71		19.0	0.0
100	PI/2 BPSK	1	137		18.77			
100	PI/2 BPSK	1	271		18.73			
100	PI/2 BPSK	135	0		18.74		19.0	0.0
100	PI/2 BPSK	135	69		18.75		19.0	0.0
100	PI/2 BPSK	135	138		18.78		19.0	0.0
100	PI/2 BPSK	270	0		18.77			
100	QPSK	1	1		18.77		19.0	0.0
100	QPSK	1	137		18.82			
100	QPSK	1	271		18.81			
100	QPSK	135	0		18.71		19.0	0.0
100	QPSK	135	69		18.75			
100	QPSK	135	138		18.65			
100	QPSK	270	0		18.71		19.0	0.0
100	16QAM	1	137		18.71		19.0	0.0
100	64QAM	1	137		18.75		19.0	0.0
100	256QAM	1	137		18.76		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	18.71	18.80	18.64	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	18.68	18.74	18.68	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	18.74	18.76	18.61	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	18.70	18.74	18.63	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	18.70	18.78	18.70	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	18.74	18.72	18.67	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.13	15.19	15.12	16.0	0.0
100	PI/2 BPSK	1	137	15.11	15.16	15.12		
100	PI/2 BPSK	1	271	15.15	15.18	15.10		
100	PI/2 BPSK	135	0	15.17	15.23	15.18	16.0	0.0
100	PI/2 BPSK	135	69	15.12	15.24	15.12	16.0	0.0
100	PI/2 BPSK	135	138	15.18	15.21	15.20	16.0	0.0
100	PI/2 BPSK	270	0	15.18	15.22	15.12		
100	QPSK	1	1	15.13	15.21	15.15	16.0	0.0
100	QPSK	1	137	15.24	15.25	15.22		
100	QPSK	1	271	15.10	15.17	15.17		
100	QPSK	135	0	15.00	15.11	15.05	16.0	0.0
100	QPSK	135	69	15.12	15.21	15.18		
100	QPSK	135	138	15.10	15.13	15.09		
100	QPSK	270	0	15.13	15.17	15.07	16.0	0.0
100	16QAM	1	137	15.21	15.21	15.15	16.0	0.0
100	64QAM	1	137	15.22	15.24	15.22	16.0	0.0
100	256QAM	1	137	15.20	15.23	15.19	16.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	15.16	15.18	15.14	16.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	15.14	15.17	15.15	16.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	15.08	15.15	15.18	16.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	15.10	15.20	15.15	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	15.17	15.19	15.09	16.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	15.13	15.18	15.07	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.56	18.64	18.55	19.0	0.0
100	PI/2 BPSK	1	137	18.61	18.69	18.65		
100	PI/2 BPSK	1	271	18.62	18.67	18.61		
100	PI/2 BPSK	135	0	18.66	18.68	18.57	19.0	0.0
100	PI/2 BPSK	135	69	18.60	18.64	18.60	19.0	0.0
100	PI/2 BPSK	135	138	18.66	18.69	18.62	19.0	0.0
100	PI/2 BPSK	270	0	18.56	18.63	18.59		
100	QPSK	1	1	18.63	18.68	18.58	19.0	0.0
100	QPSK	1	137	18.68	18.74	18.69		
100	QPSK	1	271	18.63	18.71	18.67		
100	QPSK	135	0	18.56	18.62	18.54	19.0	0.0
100	QPSK	135	69	18.63	18.68	18.63		
100	QPSK	135	138	18.54	18.60	18.53		
100	QPSK	270	0	18.54	18.62	18.59	19.0	0.0
100	16QAM	1	137	18.64	18.70	18.62	19.0	0.0
100	64QAM	1	137	18.63	18.65	18.62	19.0	0.0
100	256QAM	1	137	18.62	18.67	18.62	19.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	18.60	18.67	18.56	19.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	18.61	18.70	18.57	19.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	18.56	18.72	18.58	19.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	18.62	18.69	18.58	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.68	18.71	18.57	19.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	18.58	18.71	18.57	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.91		17.5	0.0
100	PI/2 BPSK	1	137		16.88			
100	PI/2 BPSK	1	271		16.87			
100	PI/2 BPSK	135	0		16.89		17.5	0.0
100	PI/2 BPSK	135	69		16.93		17.5	0.0
100	PI/2 BPSK	135	138		16.89		17.5	0.0
100	PI/2 BPSK	270	0		16.93			
100	QPSK	1	1		16.91		17.5	0.0
100	QPSK	1	137		16.94			
100	QPSK	1	271		16.91			
100	QPSK	135	0		16.83		17.5	0.0
100	QPSK	135	69		16.89			
100	QPSK	135	138		16.80			
100	QPSK	270	0		16.83		17.5	0.0
100	16QAM	1	137		16.89		17.5	0.0
100	64QAM	1	137		16.90		17.5	0.0
100	256QAM	1	137		16.88		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.86	16.89	16.81	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.83	16.89	16.80	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.80	16.84	16.80	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.79	16.87	16.81	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.82	16.90	16.82	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.84	16.85	16.78	17.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.85	16.87	16.76	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.82	16.87	16.76	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.32		20.5	0.0
100	PI/2 BPSK	1	137		20.29			
100	PI/2 BPSK	1	271		20.31			
100	PI/2 BPSK	135	0		20.32		20.5	0.0
100	PI/2 BPSK	135	69		20.27		20.5	0.0
100	PI/2 BPSK	135	138		20.28		20.5	0.0
100	PI/2 BPSK	270	0		20.28			
100	QPSK	1	1		20.26		20.5	0.0
100	QPSK	1	137		20.36			
100	QPSK	1	271		20.33			
100	QPSK	135	0		20.20		20.5	0.0
100	QPSK	135	69		20.23			
100	QPSK	135	138		20.15			
100	QPSK	270	0		20.18		20.5	0.0
100	16QAM	1	137		20.25		20.5	0.0
100	64QAM	1	137		20.18		20.5	0.0
100	256QAM	1	137		20.15		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.25	20.26	20.20	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.20	20.32	20.15	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.24	20.31	20.23	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.22	20.27	20.23	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.28	20.34	20.20	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.22	20.26	20.18	20.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.22	20.33	20.20	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.26	20.35	20.19	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.44		17.5	0.0
100	PI/2 BPSK	1	137		16.42			
100	PI/2 BPSK	1	271		16.45			
100	PI/2 BPSK	135	0		16.41		17.5	0.0
100	PI/2 BPSK	135	69		16.42		17.5	0.0
100	PI/2 BPSK	135	138		16.46		17.5	0.0
100	PI/2 BPSK	270	0		16.46			
100	QPSK	1	1		16.47		17.5	0.0
100	QPSK	1	137		16.52			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.43		17.5	0.0
100	QPSK	135	69		16.47			
100	QPSK	135	138		16.40			
100	QPSK	270	0		16.43		17.5	0.0
100	16QAM	1	137		16.44		17.5	0.0
100	64QAM	1	137		16.45		17.5	0.0
100	256QAM	1	137		16.42		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	16.42	16.44	16.32	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	16.46	16.41	16.34	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	16.49	16.47	16.38	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	16.42	16.44	16.38	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	16.41	16.47	16.39	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.46	16.51	16.31	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	16.38	16.44	16.39	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	16.43	16.44	16.33	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.82		20.5	0.0
100	PI/2 BPSK	1	137		19.90			
100	PI/2 BPSK	1	271		19.88			
100	PI/2 BPSK	135	0		19.87		20.5	0.0
100	PI/2 BPSK	135	69		19.90		20.5	0.0
100	PI/2 BPSK	135	138		19.83		20.5	0.0
100	PI/2 BPSK	270	0		19.89			
100	QPSK	1	1		19.86		20.5	0.0
100	QPSK	1	137		19.93			
100	QPSK	1	271		19.90			
100	QPSK	135	0		19.80		20.5	0.0
100	QPSK	135	69		19.84			
100	QPSK	135	138		19.75			
100	QPSK	270	0		19.78		20.5	0.0
100	16QAM	1	137		19.82		20.5	0.0
100	64QAM	1	137		19.73		20.5	0.0
100	256QAM	1	137		19.78		20.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.77	19.86	19.77	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.82	19.81	19.81	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.84	19.91	19.80	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.81	19.86	19.76	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.79	19.88	19.83	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.83	19.85	19.80	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.80	19.88	19.75	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.80	19.89	19.79	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.03		12.0	0.0
100	PI/2 BPSK	1	137		10.99			
100	PI/2 BPSK	1	271		11.03			
100	PI/2 BPSK	135	0		11.01		12.0	0.0
100	PI/2 BPSK	135	69		11.05		12.0	0.0
100	PI/2 BPSK	135	138		11.03		12.0	0.0
100	PI/2 BPSK	270	0		11.02			
100	QPSK	1	1		11.07		12.0	0.0
100	QPSK	1	137		11.09			
100	QPSK	1	271		11.05			
100	QPSK	135	0		11.02		12.0	0.0
100	QPSK	135	69		11.03			
100	QPSK	135	138		11.00			
100	QPSK	270	0		10.97		12.0	0.0
100	16QAM	1	137		11.02		12.0	0.0
100	64QAM	1	137		10.95		12.0	0.0
100	256QAM	1	137		10.98		12.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	11.00	11.03	10.90	12.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	10.92	10.99	10.94	12.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	10.97	11.04	10.97	12.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	10.97	11.01	10.98	12.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	10.93	11.02	10.97	12.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	10.99	11.04	10.95	12.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	11.01	11.01	10.94	12.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	10.99	11.01	10.93	12.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.85		15.0	0.0
100	PI/2 BPSK	1	137		14.86			
100	PI/2 BPSK	1	271		14.84			
100	PI/2 BPSK	135	0		14.94		15.0	0.0
100	PI/2 BPSK	135	69		14.86		15.0	0.0
100	PI/2 BPSK	135	138		14.84		15.0	0.0
100	PI/2 BPSK	270	0		14.89			
100	QPSK	1	1		14.90		15.0	0.0
100	QPSK	1	137		14.95			
100	QPSK	1	271		14.92			
100	QPSK	135	0		14.89		15.0	0.0
100	QPSK	135	69		14.93			
100	QPSK	135	138		14.80			
100	QPSK	270	0		14.90		15.0	0.0
100	16QAM	1	137		14.85		15.0	0.0
100	64QAM	1	137		14.91		15.0	0.0
100	256QAM	1	137		14.85		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.84	14.89	14.86	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.86	14.84	14.82	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.85	14.90	14.76	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.79	14.88	14.75	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.86	14.93	14.75	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.87	14.93	14.83	15.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.81	14.91	14.76	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.85	14.90	14.82	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		10.97		12.0	0.0
100	PI/2 BPSK	1	137		10.98			
100	PI/2 BPSK	1	271		10.95			
100	PI/2 BPSK	135	0		10.97		12.0	0.0
100	PI/2 BPSK	135	69		10.98		12.0	0.0
100	PI/2 BPSK	135	138		10.97		12.0	0.0
100	PI/2 BPSK	270	0		10.97			
100	QPSK	1	1		10.95		12.0	0.0
100	QPSK	1	137		11.03			
100	QPSK	1	271		11.00			
100	QPSK	135	0		10.95		12.0	0.0
100	QPSK	135	69		10.97			
100	QPSK	135	138		10.90			
100	QPSK	270	0		10.93		12.0	0.0
100	16QAM	1	137		10.89		12.0	0.0
100	64QAM	1	137		10.85		12.0	0.0
100	256QAM	1	137		10.87		12.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	10.95	10.98	10.95	12.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	10.96	10.96	10.88	12.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	10.92	11.02	10.93	12.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	10.94	11.00	10.95	12.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	10.90	10.99	10.87	12.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	10.94	10.98	10.88	12.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	10.91	11.00	10.87	12.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	10.92	10.98	10.89	12.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.86		15.0	0.0
100	PI/2 BPSK	1	137		14.90			
100	PI/2 BPSK	1	271		14.92			
100	PI/2 BPSK	135	0		14.90		15.0	0.0
100	PI/2 BPSK	135	69		14.91		15.0	0.0
100	PI/2 BPSK	135	138		14.90		15.0	0.0
100	PI/2 BPSK	270	0		14.90			
100	QPSK	1	1		14.91		15.0	0.0
100	QPSK	1	137		14.94			
100	QPSK	1	271		14.92			
100	QPSK	135	0		14.85		15.0	0.0
100	QPSK	135	69		14.90			
100	QPSK	135	138		14.83			
100	QPSK	270	0		14.85		15.0	0.0
100	16QAM	1	137		14.90		15.0	0.0
100	64QAM	1	137		14.88		15.0	0.0
100	256QAM	1	137		14.92		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	14.81	14.88	14.76	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	14.83	14.89	14.82	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	14.85	14.85	14.83	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.85	14.85	14.80	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	14.81	14.84	14.77	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	14.90	14.89	14.82	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	14.86	14.91	14.77	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	14.84	14.89	14.82	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.29		13.3	0.0
100	PI/2 BPSK	1	137		12.30			
100	PI/2 BPSK	1	271		12.29			
100	PI/2 BPSK	135	0		12.28		13.3	0.0
100	PI/2 BPSK	135	69		12.31		13.3	0.0
100	PI/2 BPSK	135	138		12.30		13.3	0.0
100	PI/2 BPSK	270	0		12.30			
100	QPSK	1	1		12.23		13.3	0.0
100	QPSK	1	137		12.34			
100	QPSK	1	271		12.31			
100	QPSK	135	0		12.25		13.3	0.0
100	QPSK	135	69		12.28			
100	QPSK	135	138		12.20			
100	QPSK	270	0		12.23		13.3	0.0
100	16QAM	1	137		12.28		13.3	0.0
100	64QAM	1	137		12.22		13.3	0.0
100	256QAM	1	137		12.29		13.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	12.19	12.22	12.20	13.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	12.17	12.22	12.19	13.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	12.27	12.24	12.15	13.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	12.22	12.29	12.15	13.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	12.19	12.23	12.17	13.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	12.25	12.24	12.12	13.3	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	12.25	12.33	12.14	13.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	12.23	12.31	12.18	13.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.32		16.3	0.0
100	PI/2 BPSK	1	137		15.29			
100	PI/2 BPSK	1	271		15.26			
100	PI/2 BPSK	135	0		15.31		16.3	0.0
100	PI/2 BPSK	135	69		15.32		16.3	0.0
100	PI/2 BPSK	135	138		15.32		16.3	0.0
100	PI/2 BPSK	270	0		15.28			
100	QPSK	1	1		15.27		16.3	0.0
100	QPSK	1	137		15.35			
100	QPSK	1	271		15.26			
100	QPSK	135	0		15.22		16.3	0.0
100	QPSK	135	69		15.28			
100	QPSK	135	138		15.20			
100	QPSK	270	0		15.23		16.3	0.0
100	16QAM	1	137		15.27		16.3	0.0
100	64QAM	1	137		15.27		16.3	0.0
100	256QAM	1	137		15.33		16.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	15.25	15.29	15.21	16.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.28	15.29	15.24	16.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	15.25	15.27	15.28	16.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	15.25	15.31	15.26	16.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	15.21	15.33	15.23	16.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	15.24	15.28	15.26	16.3	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	15.26	15.34	15.26	16.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.29	15.31	15.22	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.24		13.3	0.0
100	PI/2 BPSK	1	137		12.25			
100	PI/2 BPSK	1	271		12.29			
100	PI/2 BPSK	135	0		12.21		13.3	0.0
100	PI/2 BPSK	135	69		12.25		13.3	0.0
100	PI/2 BPSK	135	138		12.26		13.3	0.0
100	PI/2 BPSK	270	0		12.23			
100	QPSK	1	1		12.27		13.3	0.0
100	QPSK	1	137		12.32			
100	QPSK	1	271		12.27			
100	QPSK	135	0		12.25		13.3	0.0
100	QPSK	135	69		12.28			
100	QPSK	135	138		12.21			
100	QPSK	270	0		12.23		13.3	0.0
100	16QAM	1	137		12.24		13.3	0.0
100	64QAM	1	137		12.25		13.3	0.0
100	256QAM	1	137		12.28		13.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	12.21	12.29	12.25	13.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	12.21	12.27	12.21	13.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	12.26	12.31	12.25	13.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	12.23	12.29	12.17	13.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	12.26	12.30	12.18	13.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	12.25	12.31	12.21	13.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	12.22	12.25	12.20	13.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	12.18	12.27	12.19	13.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.23		16.3	0.0
100	PI/2 BPSK	1	137		15.21			
100	PI/2 BPSK	1	271		15.25			
100	PI/2 BPSK	135	0		15.24		16.3	0.0
100	PI/2 BPSK	135	69		15.31		16.3	0.0
100	PI/2 BPSK	135	138		15.26		16.3	0.0
100	PI/2 BPSK	270	0		15.29			
100	QPSK	1	1		15.28		16.3	0.0
100	QPSK	1	137		15.32			
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.23		16.3	0.0
100	QPSK	135	69		15.28			
100	QPSK	135	138		15.20			
100	QPSK	270	0		15.21		16.3	0.0
100	16QAM	1	137		15.28		16.3	0.0
100	64QAM	1	137		15.31		16.3	0.0
100	256QAM	1	137		15.29		16.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.22	15.24	15.22	16.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.22	15.28	15.16	16.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.22	15.28	15.19	16.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.19	15.31	15.20	16.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.16	15.29	15.14	16.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.24	15.27	15.22	16.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.23	15.25	15.18	16.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.26	15.25	15.14	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.16		15.0	0.0
100	PI/2 BPSK	1	137		14.21			
100	PI/2 BPSK	1	271		14.18			
100	PI/2 BPSK	135	0		14.17		15.0	0.0
100	PI/2 BPSK	135	69		14.17		15.0	0.0
100	PI/2 BPSK	135	138		14.16		15.0	0.0
100	PI/2 BPSK	270	0		14.22			
100	QPSK	1	1		14.15		15.0	0.0
100	QPSK	1	137		14.25			
100	QPSK	1	271		14.21			
100	QPSK	135	0		14.18		15.0	0.0
100	QPSK	135	69		14.22			
100	QPSK	135	138		14.15			
100	QPSK	270	0		14.19		15.0	0.0
100	16QAM	1	137		14.19		15.0	0.0
100	64QAM	1	137		14.18		15.0	0.0
100	256QAM	1	137		14.16		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.16	14.20	14.18	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.11	14.22	14.11	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.13	14.20	14.13	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.16	14.18	14.14	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.19	14.22	14.16	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.18	14.21	14.14	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.18	14.15	14.13	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.22	14.21	14.16	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.67		18.0	0.0
100	PI/2 BPSK	1	137		17.63			
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.69		18.0	0.0
100	PI/2 BPSK	135	69		17.66		18.0	0.0
100	PI/2 BPSK	135	138		17.71		18.0	0.0
100	PI/2 BPSK	270	0		17.67			
100	QPSK	1	1		17.66		18.0	0.0
100	QPSK	1	137		17.72			
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.62		18.0	0.0
100	QPSK	135	69		17.67			
100	QPSK	135	138		17.58			
100	QPSK	270	0		17.63		18.0	0.0
100	16QAM	1	137		17.62		18.0	0.0
100	64QAM	1	137		17.65		18.0	0.0
100	256QAM	1	137		17.63		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.63	17.66	17.63	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.58	17.67	17.53	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	17.62	17.66	17.62	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.56	17.69	17.57	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.64	17.68	17.60	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.68	17.64	17.57	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.63	17.67	17.53	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.65	17.64	17.62	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.01		15.0	0.0
100	PI/2 BPSK	1	137		14.03			
100	PI/2 BPSK	1	271		14.00			
100	PI/2 BPSK	135	0		13.96		15.0	0.0
100	PI/2 BPSK	135	69		14.02		15.0	0.0
100	PI/2 BPSK	135	138		13.95		15.0	0.0
100	PI/2 BPSK	270	0		13.96			
100	QPSK	1	1		14.01		15.0	0.0
100	QPSK	1	137		14.05			
100	QPSK	1	271		13.98			
100	QPSK	135	0		13.95		15.0	0.0
100	QPSK	135	69		13.97			
100	QPSK	135	138		13.91			
100	QPSK	270	0		13.95		15.0	0.0
100	16QAM	1	137		13.98		15.0	0.0
100	64QAM	1	137		13.98		15.0	0.0
100	256QAM	1	137		13.97		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	13.96	14.01	13.90	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	13.97	14.03	13.90	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	13.99	13.99	13.96	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.00	13.96	13.88	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	13.94	14.01	13.92	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	13.99	14.02	13.97	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	13.94	14.01	13.89	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	13.98	14.02	13.94	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.49		18.0	0.0
100	PI/2 BPSK	1	137		17.43			
100	PI/2 BPSK	1	271		17.43			
100	PI/2 BPSK	135	0		17.42		18.0	0.0
100	PI/2 BPSK	135	69		17.50		18.0	0.0
100	PI/2 BPSK	135	138		17.48		18.0	0.0
100	PI/2 BPSK	270	0		17.47			
100	QPSK	1	1		17.45		18.0	0.0
100	QPSK	1	137		17.52			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.38		18.0	0.0
100	QPSK	135	69		17.48			
100	QPSK	135	138		17.42			
100	QPSK	270	0		17.45		18.0	0.0
100	16QAM	1	137		17.45		18.0	0.0
100	64QAM	1	137		17.48		18.0	0.0
100	256QAM	1	137		17.42		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	17.38	17.47	17.32	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	17.43	17.47	17.42	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.42	17.46	17.37	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	17.44	17.50	17.37	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	17.44	17.50	17.41	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.41	17.48	17.34	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	17.43	17.51	17.37	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	17.38	17.47	17.39	18.0	0.0

Reduced Power Mode for DSI1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.70	24.67	24.67		
20	PI/2 BPSK	1	53	24.82	24.71	24.82	25.5	0.0
20	PI/2 BPSK	1	104	24.68	24.68	24.65		
20	PI/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	PI/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	PI/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61		
20	QPSK	1	53	24.78	24.83	24.81	25.5	0.0
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.76	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.66	23.81	23.69		
20	PI/2 BPSK	1	53	23.69	23.76	23.60	24.5	0.0
20	PI/2 BPSK	1	104	23.74	23.76	23.59		
20	PI/2 BPSK	50	0	23.70	23.78	23.61	24.5	0.0
20	PI/2 BPSK	50	28	23.69	23.79	23.65	24.5	0.0
20	PI/2 BPSK	50	56	23.78	23.75	23.63	24.5	0.0
20	PI/2 BPSK	100	0	23.68	23.73	23.64		
20	QPSK	1	1	23.72	23.75	23.66		
20	QPSK	1	53	23.78	23.83	23.69	24.5	0.0
20	QPSK	1	104	23.72	23.81	23.60		
20	QPSK	50	0	23.72	23.77	23.65	24.5	0.0
20	QPSK	50	28	23.75	23.80	23.66	24.5	0.0
20	QPSK	50	56	23.64	23.73	23.59	24.5	0.0
20	QPSK	100	0	23.60	23.76	23.55		
20	16QAM	1	53	23.70	23.77	23.61	24.5	0.0
20	64QAM	1	53	22.01	22.15	22.04	23.0	1.5
20	256QAM	1	53	20.64	20.62	20.67	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.68	23.74	23.65	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.68	23.75	23.64	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.70	23.73	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46	21.5	0.0
50	PI/2 BPSK	1	135	20.56	20.67	20.50		
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31	21.5	0.0
50	QPSK	1	135	20.70	20.73	20.63		
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.69	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.55	19.56	19.48	20.5	0.0
50	PI/2 BPSK	1	135	19.57	19.63	19.48		
50	PI/2 BPSK	1	268	19.56	19.58	19.49		
50	PI/2 BPSK	135	0	19.55	19.67	19.57	20.5	0.0
50	PI/2 BPSK	135	68	19.53	19.59	19.51	20.5	0.0
50	PI/2 BPSK	135	135	19.52	19.57	19.53	20.5	0.0
50	PI/2 BPSK	270	0	19.56	19.58	19.52		
50	QPSK	1	1	19.57	19.62	19.51	20.5	0.0
50	QPSK	1	135	19.60	19.68	19.58		
50	QPSK	1	268	19.56	19.63	19.54		
50	QPSK	135	0	19.57	19.58	19.43	20.5	0.0
50	QPSK	135	68	19.58	19.64	19.55	20.5	0.0
50	QPSK	135	135	19.50	19.59	19.50	20.5	0.0
50	QPSK	270	0	19.48	19.61	19.45		
50	16QAM	1	135	19.54	19.59	19.53	20.5	0.0
50	64QAM	1	135	19.57	19.66	19.46	20.5	0.0
50	256QAM	1	135	19.55	19.63	19.52	20.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	19.51	19.63	19.53	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	19.50	19.63	19.46	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	19.61	19.64	19.49	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	19.59	19.60	19.52	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	19.54	19.63	19.52	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	19.58	19.60	19.59	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	19.60	19.64	19.49	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.81	19.88	19.90		
50	PI/2 BPSK	1	135	19.82	19.89	19.86	20.5	0.0
50	PI/2 BPSK	1	268	19.82	19.86	19.92		
50	PI/2 BPSK	135	0	19.84	19.91	19.88	20.5	0.0
50	PI/2 BPSK	135	68	19.85	19.96	19.88	20.5	0.0
50	PI/2 BPSK	135	135	19.86	19.91	19.88	20.5	0.0
50	PI/2 BPSK	270	0	19.86	19.93	19.87		
50	QPSK	1	1	19.81	19.95	19.89		
50	QPSK	1	135	19.89	19.97	19.93	20.5	0.0
50	QPSK	1	268	19.84	19.93	19.86		
50	QPSK	135	0	19.81	19.89	19.84	20.5	0.0
50	QPSK	135	68	19.85	19.93	19.89	20.5	0.0
50	QPSK	135	135	19.79	19.90	19.81	20.5	0.0
50	QPSK	270	0	19.75	19.88	19.73		
50	16QAM	1	135	19.84	19.93	19.89	20.5	0.0
50	64QAM	1	135	19.88	19.92	19.86	20.5	0.0
50	256QAM	1	135	18.90	19.00	18.90	19.5	1.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	19.87	19.92	19.85	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	19.83	19.89	19.89	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	19.83	19.91	19.91	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	19.83	19.85	19.89	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	19.86	19.89	19.81	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	19.89	19.92	19.85	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	19.80	19.95	19.86	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.22	19.33	19.20		
50	PI/2 BPSK	1	135	19.28	19.39	19.22	20.0	0.0
50	PI/2 BPSK	1	268	19.32	19.35	19.22		
50	PI/2 BPSK	135	0	19.32	19.38	19.21	20.0	0.0
50	PI/2 BPSK	135	68	19.29	19.31	19.22	20.0	0.0
50	PI/2 BPSK	135	135	19.33	19.39	19.19	20.0	0.0
50	PI/2 BPSK	270	0	19.29	19.38	19.17		
50	QPSK	1	1	19.27	19.33	19.20		
50	QPSK	1	135	19.33	19.42	19.24	20.0	0.0
50	QPSK	1	268	19.21	19.32	19.22		
50	QPSK	135	0	19.27	19.35	19.09	20.0	0.0
50	QPSK	135	68	19.30	19.37	19.18	20.0	0.0
50	QPSK	135	135	19.20	19.31	19.11	20.0	0.0
50	QPSK	270	0	19.18	19.32	19.08		
50	16QAM	1	135	19.28	19.37	19.19	20.0	0.0
50	64QAM	1	135	19.28	19.40	19.18	20.0	0.0
50	256QAM	1	135	19.04	19.08	19.03	19.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	19.21	19.38	19.19	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	19.27	19.37	19.16	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	19.26	19.40	19.19	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	19.28	19.36	19.17	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	19.28	19.38	19.21	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	19.28	19.40	19.16	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	19.28	19.35	19.22	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.60	20.61	20.54	22.0	0.0
40	PI/2 BPSK	1	108	21.15	21.21	21.20		
40	PI/2 BPSK	1	214	20.55	20.58	20.56		
40	PI/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	PI/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	PI/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	PI/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40	22.0	0.0
40	QPSK	1	108	21.14	21.22	21.19		
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.54	20.61	20.56	21.5	0.0
40	PI/2 BPSK	1	108	20.53	20.63	20.62		
40	PI/2 BPSK	1	214	20.49	20.65	20.56		
40	PI/2 BPSK	108	0	20.51	20.62	20.58	21.5	0.0
40	PI/2 BPSK	108	54	20.51	20.59	20.60	21.5	0.0
40	PI/2 BPSK	108	108	20.46	20.67	20.56	21.5	0.0
40	PI/2 BPSK	216	0	20.51	20.61	20.61		
40	QPSK	1	1	20.51	20.66	20.55	21.5	0.0
40	QPSK	1	108	20.56	20.68	20.63		
40	QPSK	1	214	20.47	20.60	20.51		
40	QPSK	108	0	20.44	20.53	20.50	21.5	0.0
40	QPSK	108	54	20.54	20.65	20.62	21.5	0.0
40	QPSK	108	108	20.53	20.61	20.54	21.5	0.0
40	QPSK	216	0	20.50	20.63	20.48		
40	16QAM	1	108	20.50	20.61	20.57	21.5	0.0
40	64QAM	1	108	20.50	20.66	20.54	21.5	0.0
40	256QAM	1	108	20.51	20.63	20.62	21.0	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	20.56	20.58	20.56	21.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	20.49	20.61	20.54	21.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	20.55	20.59	20.53	21.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	20.54	20.63	20.56	21.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	20.46	20.64	20.59	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.70	20.78	20.77	21.2	0.0
40	PI/2 BPSK	1	108	20.66	20.80	20.80		
40	PI/2 BPSK	1	214	20.68	20.83	20.80		
40	PI/2 BPSK	108	0	20.64	20.80	20.72	21.2	0.0
40	PI/2 BPSK	108	54	20.70	20.83	20.80	21.2	0.0
40	PI/2 BPSK	108	108	20.61	20.85	20.81	21.2	0.0
40	PI/2 BPSK	216	0	20.63	20.83	20.73		
40	QPSK	1	1	20.64	20.87	20.80	21.2	0.0
40	QPSK	1	108	20.72	20.88	20.83		
40	QPSK	1	214	20.65	20.83	20.80		
40	QPSK	108	0	20.62	20.77	20.68	21.2	0.0
40	QPSK	108	54	20.68	20.83	20.76	21.2	0.0
40	QPSK	108	108	20.64	20.81	20.72	21.2	0.0
40	QPSK	216	0	20.60	20.78	20.63		
40	16QAM	1	108	20.62	20.82	20.79	21.2	0.0
40	64QAM	1	108	20.63	20.78	20.81	21.2	0.0
40	256QAM	1	108	19.46	19.52	19.43	19.7	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	20.60	20.84	20.77	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	20.67	20.85	20.80	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	20.68	20.87	20.79	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	20.60	20.79	20.75	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	20.67	20.86	20.76	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	PI/2 BPSK	1	1	21.50	21.58	21.53	22.7	0.0
40	PI/2 BPSK	1	108	21.55	21.61	21.58		
40	PI/2 BPSK	1	214	21.52	21.65	21.54		
40	PI/2 BPSK	108	0	21.51	21.64	21.60	22.7	0.0
40	PI/2 BPSK	108	54	21.47	21.60	21.65	22.7	0.0
40	PI/2 BPSK	108	108	21.52	21.62	21.61	22.7	0.0
40	PI/2 BPSK	216	0	21.52	21.61	21.57		
40	QPSK	1	1	21.57	21.63	21.56	22.7	0.0
40	QPSK	1	108	21.58	21.69	21.64		
40	QPSK	1	214	21.51	21.63	21.58		
40	QPSK	108	0	21.48	21.65	21.51	22.7	0.0
40	QPSK	108	54	21.55	21.66	21.58	22.7	0.0
40	QPSK	108	108	21.48	21.64	21.55	22.7	0.0
40	QPSK	216	0	21.43	21.62	21.50		
40	16QAM	1	108	21.48	21.64	21.61	22.7	0.0
40	64QAM	1	108	20.36	20.45	20.41	21.7	1.0
40	256QAM	1	108	18.94	19.02	19.01	19.7	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.50	21.60	21.58	22.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.54	21.60	21.55	22.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.48	21.68	21.57	22.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.51	21.65	21.57	22.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.58	21.63	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27	21.5	0.0
40	PI/2 BPSK	1	53	20.91	20.93	20.90		
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12	21.5	0.0
40	QPSK	1	53	20.88	20.98	20.88		
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55	21.5	0.0
40	QPSK	50	28	20.46	20.48	20.44		
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.60	19.74	19.63	20.5	0.0
40	PI/2 BPSK	1	53	19.52	19.77	19.65		
40	PI/2 BPSK	1	104	19.60	19.74	19.70		
40	PI/2 BPSK	50	0	19.60	19.76	19.67	20.5	0.0
40	PI/2 BPSK	50	28	19.53	19.72	19.64	20.5	0.0
40	PI/2 BPSK	50	56	19.54	19.74	19.68	20.5	0.0
40	PI/2 BPSK	100	0	19.52	19.71	19.65		
40	QPSK	1	1	19.60	19.74	19.68	20.5	0.0
40	QPSK	1	53	19.62	19.78	19.70		
40	QPSK	1	104	19.59	19.70	19.67		
40	QPSK	50	0	19.47	19.67	19.56	20.5	0.0
40	QPSK	50	28	19.58	19.75	19.67		
40	QPSK	50	56	19.54	19.68	19.60		
40	QPSK	100	0	19.50	19.71	19.55	20.5	0.0
40	16QAM	1	53	19.56	19.76	19.65	20.5	0.0
40	64QAM	1	53	19.56	19.74	19.61	20.5	0.0
40	256QAM	1	53	19.60	19.75	19.63	20.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	19.55	19.76	19.66	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	19.57	19.74	19.62	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.92	19.98	19.93	20.5	0.0
40	PI/2 BPSK	1	53	19.83	20.01	19.95		
40	PI/2 BPSK	1	104	19.87	20.00	19.90		
40	PI/2 BPSK	50	0	19.85	19.97	19.97	20.5	0.0
40	PI/2 BPSK	50	28	19.82	19.96	19.94	20.5	0.0
40	PI/2 BPSK	50	56	19.85	20.00	19.92	20.5	0.0
40	PI/2 BPSK	100	0	19.86	19.97	19.95		
40	QPSK	1	1	19.84	19.97	19.95	20.5	0.0
40	QPSK	1	53	19.91	20.03	19.98		
40	QPSK	1	104	19.85	20.00	19.88		
40	QPSK	50	0	19.75	19.93	19.85	20.5	0.0
40	QPSK	50	28	19.85	19.98	19.92		
40	QPSK	50	56	19.81	19.95	19.91		
40	QPSK	100	0	19.78	19.93	19.80	20.5	0.0
40	16QAM	1	53	19.83	19.93	19.92	20.5	0.0
40	64QAM	1	53	19.81	19.97	19.92	20.5	0.0
40	256QAM	1	53	19.42	19.43	19.38	19.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	19.84	20.02	19.90	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	19.91	19.97	19.93	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.76	20.84	20.71	21.5	0.0
40	PI/2 BPSK	1	53	20.76	20.80	20.81		
40	PI/2 BPSK	1	104	20.77	20.85	20.72		
40	PI/2 BPSK	50	0	20.73	20.84	20.80	21.5	0.0
40	PI/2 BPSK	50	28	20.69	20.82	20.81	21.5	0.0
40	PI/2 BPSK	50	56	20.74	20.77	20.78	21.5	0.0
40	PI/2 BPSK	100	0	20.75	20.82	20.79		
40	QPSK	1	1	20.73	20.85	20.74	21.5	0.0
40	QPSK	1	53	20.80	20.88	20.83		
40	QPSK	1	104	20.71	20.83	20.80		
40	QPSK	50	0	20.71	20.79	20.73	21.5	0.0
40	QPSK	50	28	20.77	20.85	20.81		
40	QPSK	50	56	20.70	20.80	20.75		
40	QPSK	100	0	20.65	20.81	20.70	21.5	0.0
40	16QAM	1	53	20.75	20.78	20.76	21.5	0.0
40	64QAM	1	53	20.76	20.82	20.73	21.5	0.0
40	256QAM	1	53	19.28	19.38	19.26	19.5	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.78	20.77	20.77	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.76	20.85	20.75	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62	21.5	0.0
100	PI/2 BPSK	1	137	20.89	20.94	20.79		
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57	21.5	0.0
100	QPSK	1	137	20.75	21.00	20.57		
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56	21.5	0.0
100	QPSK	135	69	20.61	20.66	20.51		
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.75	20.73	20.71	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	109	20.75	20.88	20.72	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.71	20.73	20.77	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	67	20.72	20.80	20.78	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.75	20.83	20.77	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.70	20.78	20.77	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	26	20.70	20.83	20.73	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.76	19.81	19.77	20.5	0.0
100	PI/2 BPSK	1	137	19.69	19.74	19.75		
100	PI/2 BPSK	1	271	19.72	19.79	19.77		
100	PI/2 BPSK	135	0	19.73	19.77	19.80	20.5	0.0
100	PI/2 BPSK	135	69	19.71	19.73	19.71	20.5	0.0
100	PI/2 BPSK	135	138	19.68	19.77	19.77	20.5	0.0
100	PI/2 BPSK	270	0	19.73	19.75	19.79		
100	QPSK	1	1	19.75	19.75	19.79	20.5	0.0
100	QPSK	1	137	19.77	19.83	19.81		
100	QPSK	1	271	19.75	19.76	19.74		
100	QPSK	135	0	19.66	19.69	19.72	20.5	0.0
100	QPSK	135	69	19.73	19.78	19.76		
100	QPSK	135	138	19.67	19.71	19.70		
100	QPSK	270	0	19.63	19.74	19.65	20.5	0.0
100	16QAM	1	137	19.73	19.80	19.81	20.5	0.0
100	64QAM	1	137	19.73	19.81	19.75	20.5	0.0
100	256QAM	1	137	19.70	19.76	19.73	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	19.73	19.75	19.71	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	19.71	19.80	19.70	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	19.78	19.76	19.69	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	19.68	19.75	19.74	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	19.76	19.76	19.73	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	19.66	19.71	19.73	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	19.72	19.74	19.74	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.34	20.44	20.26	21.0	0.0
100	PI/2 BPSK	1	137	20.35	20.53	20.32		
100	PI/2 BPSK	1	271	20.38	20.54	20.27		
100	PI/2 BPSK	135	0	20.40	20.51	20.30	21.0	0.0
100	PI/2 BPSK	135	69	20.34	20.53	20.29	21.0	0.0
100	PI/2 BPSK	135	138	20.38	20.50	20.27	21.0	0.0
100	PI/2 BPSK	270	0	20.43	20.55	20.28		
100	QPSK	1	1	20.39	20.47	20.29	21.0	0.0
100	QPSK	1	137	20.44	20.56	20.34		
100	QPSK	1	271	20.41	20.49	20.32		
100	QPSK	135	0	20.33	20.50	20.23	21.0	0.0
100	QPSK	135	69	20.38	20.51	20.30		
100	QPSK	135	138	20.32	20.42	20.27		
100	QPSK	270	0	20.28	20.47	20.25	21.0	0.0
100	16QAM	1	137	20.34	20.52	20.31	21.0	0.0
100	64QAM	1	137	20.37	20.52	20.31	21.0	0.0
100	256QAM	1	137	19.18	19.21	19.12	19.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.35	20.44	20.25	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.34	20.54	20.23	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.38	20.54	20.26	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.35	20.55	20.28	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.36	20.53	20.26	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.44	20.48	20.30	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	20.37	20.52	20.26	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.23	20.33	20.05	21.0	0.0
100	PI/2 BPSK	1	137	20.30	20.36	20.07		
100	PI/2 BPSK	1	271	20.20	20.37	20.07		
100	PI/2 BPSK	135	0	20.22	20.36	20.06	21.0	0.0
100	PI/2 BPSK	135	69	20.25	20.34	20.00	21.0	0.0
100	PI/2 BPSK	135	138	20.26	20.30	20.05	21.0	0.0
100	PI/2 BPSK	270	0	20.23	20.34	20.06		
100	QPSK	1	1	20.28	20.29	20.08	21.0	0.0
100	QPSK	1	137	20.30	20.38	20.12		
100	QPSK	1	271	20.26	20.34	20.10		
100	QPSK	135	0	20.14	20.26	20.05	21.0	0.0
100	QPSK	135	69	20.26	20.32	20.08		
100	QPSK	135	138	20.24	20.25	20.00		
100	QPSK	270	0	20.20	20.24	19.98	21.0	0.0
100	16QAM	1	137	20.23	20.33	20.06	21.0	0.0
100	64QAM	1	137	20.18	20.33	20.06	21.0	0.0
100	256QAM	1	137	19.25	19.28	19.21	19.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.22	20.34	20.11	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.24	20.28	20.07	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.22	20.31	20.04	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.25	20.37	20.07	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.28	20.29	20.03	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.29	20.33	20.11	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	20.22	20.32	20.05	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.87		17.5	0.0
100	PI/2 BPSK	1	137		16.89			
100	PI/2 BPSK	1	271		16.84			
100	PI/2 BPSK	135	0		16.87		17.5	0.0
100	PI/2 BPSK	135	69		16.84		17.5	0.0
100	PI/2 BPSK	135	138		16.86		17.5	0.0
100	PI/2 BPSK	270	0		16.84			
100	QPSK	1	1		16.88		17.5	0.0
100	QPSK	1	137		16.92			
100	QPSK	1	271		16.90			
100	QPSK	135	0		16.83		17.5	0.0
100	QPSK	135	69		16.85			
100	QPSK	135	138		16.80			
100	QPSK	270	0		16.82		17.5	0.0
100	16QAM	1	137		16.80		17.5	0.0
100	64QAM	1	137		16.84		17.5	0.0
100	256QAM	1	137		16.88		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.77	16.83	16.79	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.81	16.86	16.77	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.82	16.89	16.73	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.84	16.87	16.78	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.82	16.87	16.73	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.75	16.88	16.73	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.16		20.5	0.0
100	PI/2 BPSK	1	137		20.18			
100	PI/2 BPSK	1	271		20.22			
100	PI/2 BPSK	135	0		20.15		20.5	0.0
100	PI/2 BPSK	135	69		20.17		20.5	0.0
100	PI/2 BPSK	135	138		20.21		20.5	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		20.17		20.5	0.0
100	QPSK	1	137		20.23			
100	QPSK	1	271		20.20			
100	QPSK	135	0		20.13		20.5	0.0
100	QPSK	135	69		20.18			
100	QPSK	135	138		20.11			
100	QPSK	270	0		20.13		20.5	0.0
100	16QAM	1	137		20.10		20.5	0.0
100	64QAM	1	137		20.14		20.5	0.0
100	256QAM	1	137		20.13		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.16	20.16	20.10	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.17	20.19	20.10	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.11	20.20	20.10	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3526		
50	QPSK	1	67	20.15	20.16	20.11	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.15	20.15	20.09	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.11	20.15	20.09	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.40	16.49	16.41	17.5	0.0
100	PI/2 BPSK	1	137	16.40	16.44	16.41		
100	PI/2 BPSK	1	271	16.34	16.43	16.36		
100	PI/2 BPSK	135	0	16.37	16.48	16.39	17.5	0.0
100	PI/2 BPSK	135	69	16.40	16.45	16.37	17.5	0.0
100	PI/2 BPSK	135	138	16.38	16.48	16.38		
100	PI/2 BPSK	270	0	16.39	16.42	16.34		
100	QPSK	1	1	16.36	16.43	16.34	17.5	0.0
100	QPSK	1	137	16.45	16.50	16.41		
100	QPSK	1	271	16.44	16.43	16.39		
100	QPSK	135	0	16.31	16.35	16.32	17.5	0.0
100	QPSK	135	69	16.40	16.42	16.37		
100	QPSK	135	138	16.36	16.36	16.30		
100	QPSK	270	0	16.30	16.35	16.28	17.5	0.0
100	16QAM	1	1	16.41	16.42	16.34	17.5	0.0
100	64QAM	1	1	16.38	16.45	16.37	17.5	0.0
100	256QAM	1	1	16.40	16.46	16.36	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	16.42	16.45	16.37	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	16.41	16.38	16.36	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	16.45	16.44	16.34	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3840	3954.99		
50	QPSK	1	67	16.37	16.41	16.36	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.42	16.45	16.35	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	16.34	16.44	16.34	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.81	19.92	19.71	20.5	0.0
100	PI/2 BPSK	1	137	19.85	19.89	19.74		
100	PI/2 BPSK	1	271	19.75	19.85	19.75		
100	PI/2 BPSK	135	0	19.80	19.94	19.72	20.5	0.0
100	PI/2 BPSK	135	69	19.81	19.92	19.73	20.5	0.0
100	PI/2 BPSK	135	138	19.81	19.89	19.71	20.5	0.0
100	PI/2 BPSK	270	0	19.77	19.91	19.70		
100	QPSK	1	1	19.74	19.90	19.75	20.5	0.0
100	QPSK	1	137	19.85	19.97	19.78		
100	QPSK	1	271	19.78	19.91	19.69		
100	QPSK	135	0	19.70	19.88	19.71	20.5	0.0
100	QPSK	135	69	19.75	19.96	19.73		
100	QPSK	135	138	19.73	19.94	19.70		
100	QPSK	270	0	19.70	19.81	19.65	20.5	0.0
100	16QAM	1	137	19.82	19.96	19.74	20.5	0.0
100	64QAM	1	137	19.80	19.95	19.73	20.5	0.0
100	256QAM	1	137	19.74	19.91	19.75	20.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	19.80	19.89	19.72	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	19.73	19.85	19.73	20.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	19.81	19.96	19.73	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3840	3954.99		
50	QPSK	1	67	19.77	19.93	19.74	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.80	19.93	19.74	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	19.78	19.94	19.74	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.97		16.0	0.0
100	PI/2 BPSK	1	137		15.01			
100	PI/2 BPSK	1	271		15.03			
100	PI/2 BPSK	135	0		15.03		16.0	0.0
100	PI/2 BPSK	135	69		15.03		16.0	0.0
100	PI/2 BPSK	135	138		14.97		16.0	0.0
100	PI/2 BPSK	270	0		14.98			
100	QPSK	1	1		15.02		16.0	0.0
100	QPSK	1	137		15.08			
100	QPSK	1	271		15.03			
100	QPSK	135	0		15.01		16.0	0.0
100	QPSK	135	69		15.05			
100	QPSK	135	138		14.95			
100	QPSK	270	0		14.97		16.0	0.0
100	16QAM	1	137		14.98		16.0	0.0
100	64QAM	1	137		15.01		16.0	0.0
100	256QAM	1	137		15.02		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.94	15.01	14.94	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.00	15.03	14.92	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.98	14.98	14.91	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3526		
50	QPSK	1	67	14.94	15.05	14.94	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.99	15.04	14.93	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.00	15.03	14.95	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.85		19.0	0.0
100	PI/2 BPSK	1	137		18.93			
100	PI/2 BPSK	1	271		18.90			
100	PI/2 BPSK	135	0		18.90		19.0	0.0
100	PI/2 BPSK	135	69		18.95		19.0	0.0
100	PI/2 BPSK	135	138		18.89		19.0	0.0
100	PI/2 BPSK	270	0		18.91			
100	QPSK	1	1		18.94		19.0	0.0
100	QPSK	1	137		18.97			
100	QPSK	1	271		18.91			
100	QPSK	135	0		18.85		19.0	0.0
100	QPSK	135	69		18.89			
100	QPSK	135	138		18.83			
100	QPSK	270	0		18.86		19.0	0.0
100	16QAM	1	137		18.96		19.0	0.0
100	64QAM	1	137		18.88		19.0	0.0
100	256QAM	1	137		18.86		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	18.87	18.90	18.81	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	18.84	18.86	18.78	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	18.84	18.95	18.84	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3526		
50	QPSK	1	67	18.86	18.96	18.81	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	18.86	18.90	18.89	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	18.83	18.93	18.80	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.00	15.04	14.88	16.0	0.0
100	PI/2 BPSK	1	137	14.98	14.95	14.93		
100	PI/2 BPSK	1	271	14.96	14.96	14.95		
100	PI/2 BPSK	135	0	14.95	15.00	14.91	16.0	0.0
100	PI/2 BPSK	135	69	14.93	14.99	14.91	16.0	0.0
100	PI/2 BPSK	135	138	14.96	15.02	14.91	16.0	0.0
100	PI/2 BPSK	270	0	14.91	14.99	14.91		
100	QPSK	1	1	14.98	14.98	14.90	16.0	0.0
100	QPSK	1	137	15.02	15.05	14.96		
100	QPSK	1	271	14.97	14.98	14.93		
100	QPSK	135	0	14.89	14.94	14.88	16.0	0.0
100	QPSK	135	69	14.98	15.02	14.92		
100	QPSK	135	138	14.92	14.96	14.86		
100	QPSK	270	0	14.88	14.97	14.83	16.0	0.0
100	16QAM	1	137	14.94	15.00	14.92	16.0	0.0
100	64QAM	1	137	14.94	14.98	14.91	16.0	0.0
100	256QAM	1	137	14.96	14.97	14.88	16.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	14.97	14.94	14.89	16.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	14.91	15.00	14.87	16.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	15.03	14.99	14.94	16.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	15.00	15.01	14.91	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	14.93	14.99	14.93	16.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	15.01	15.04	14.88	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.81	18.76	18.68	19.0	0.0
100	PI/2 BPSK	1	137	18.75	18.83	18.70		
100	PI/2 BPSK	1	271	18.75	18.80	18.64		
100	PI/2 BPSK	135	0	18.76	18.79	18.70	19.0	0.0
100	PI/2 BPSK	135	69	18.74	18.79	18.70	19.0	0.0
100	PI/2 BPSK	135	138	18.72	18.79	18.67	19.0	0.0
100	PI/2 BPSK	270	0	18.79	18.77	18.70		
100	QPSK	1	1	18.78	18.78	18.70	19.0	0.0
100	QPSK	1	137	18.81	18.85	18.74		
100	QPSK	1	271	18.69	18.81	18.67		
100	QPSK	135	0	18.71	18.69	18.65	19.0	0.0
100	QPSK	135	69	18.77	18.80	18.70		
100	QPSK	135	138	18.71	18.76	18.59		
100	QPSK	270	0	18.67	18.76	18.53	19.0	0.0
100	16QAM	1	137	18.77	18.80	18.67	19.0	0.0
100	64QAM	1	137	18.75	18.77	18.69	19.0	0.0
100	256QAM	1	137	18.74	18.75	18.65	19.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	18.72	18.76	18.69	19.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	18.79	18.79	18.73	19.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	18.75	18.84	18.66	19.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	18.74	18.84	18.73	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.79	18.84	18.65	19.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	18.73	18.81	18.70	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.51		17.3	0.0
100	PI/2 BPSK	1	137		16.48			
100	PI/2 BPSK	1	271		16.42			
100	PI/2 BPSK	135	0		16.47		17.3	0.0
100	PI/2 BPSK	135	69		16.51		17.3	0.0
100	PI/2 BPSK	135	138		16.46		17.3	0.0
100	PI/2 BPSK	270	0		16.46			
100	QPSK	1	1		16.45		17.3	0.0
100	QPSK	1	137		16.53			
100	QPSK	1	271		16.46			
100	QPSK	135	0		16.41		17.3	0.0
100	QPSK	135	69		16.48			
100	QPSK	135	138		16.38			
100	QPSK	270	0		16.43		17.3	0.0
100	16QAM	1	137		16.47		17.3	0.0
100	64QAM	1	137		16.48		17.3	0.0
100	256QAM	1	137		16.45		17.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.43	16.46	16.34	17.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.43	16.47	16.35	17.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.43	16.52	16.37	17.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.42	16.44	16.43	17.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.45	16.50	16.37	17.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.40	16.46	16.39	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.65		20.3	0.0
100	PI/2 BPSK	1	137		19.70			
100	PI/2 BPSK	1	271		19.66			
100	PI/2 BPSK	135	0		19.65		20.3	0.0
100	PI/2 BPSK	135	69		19.68		20.3	0.0
100	PI/2 BPSK	135	138		19.67		20.3	0.0
100	PI/2 BPSK	270	0		19.67			
100	QPSK	1	1		19.70		20.3	0.0
100	QPSK	1	137		19.73			
100	QPSK	1	271		19.63			
100	QPSK	135	0		19.60		20.3	0.0
100	QPSK	135	69		19.68			
100	QPSK	135	138		19.58			
100	QPSK	270	0		19.63		20.3	0.0
100	16QAM	1	137		19.68		20.3	0.0
100	64QAM	1	137		19.69		20.3	0.0
100	256QAM	1	137		19.66		20.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	19.61	19.71	19.61	20.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	19.61	19.66	19.56	20.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	19.62	19.69	19.61	20.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	19.57	19.67	19.63	20.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	19.66	19.61	19.55	20.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	19.64	19.67	19.55	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.39	16.46	16.35	17.3	0.0
100	PI/2 BPSK	1	137	16.38	16.42	16.32		
100	PI/2 BPSK	1	271	16.44	16.44	16.33		
100	PI/2 BPSK	135	0	16.39	16.42	16.26	17.3	0.0
100	PI/2 BPSK	135	69	16.43	16.43	16.34	17.3	0.0
100	PI/2 BPSK	135	138	16.40	16.45	16.32	17.3	0.0
100	PI/2 BPSK	270	0	16.40	16.40	16.33		
100	QPSK	1	1	16.41	16.41	16.30	17.3	0.0
100	QPSK	1	137	16.44	16.48	16.35		
100	QPSK	1	271	16.34	16.40	16.26		
100	QPSK	135	0	16.35	16.38	16.29	17.3	0.0
100	QPSK	135	69	16.40	16.43	16.30		
100	QPSK	135	138	16.30	16.39	16.21		
100	QPSK	270	0	16.28	16.38	16.18	17.3	0.0
100	16QAM	1	137	16.34	16.32	16.19	17.3	0.0
100	64QAM	1	137	16.35	16.34	16.29	17.3	0.0
100	256QAM	1	137	16.37	16.38	16.24	17.3	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	16.42	16.38	16.36	17.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	16.34	16.47	16.33	17.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	16.31	16.46	16.37	17.3	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	16.41	16.44	16.34	17.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.34	16.45	16.36	17.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	16.39	16.40	16.38	17.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.59	19.62	19.55	20.3	0.0
100	PI/2 BPSK	1	137	19.62	19.61	19.54		
100	PI/2 BPSK	1	271	19.56	19.62	19.51		
100	PI/2 BPSK	135	0	19.53	19.61	19.51	20.3	0.0
100	PI/2 BPSK	135	69	19.59	19.66	19.53	20.3	0.0
100	PI/2 BPSK	135	138	19.60	19.64	19.58	20.3	0.0
100	PI/2 BPSK	270	0	19.54	19.63	19.55		
100	QPSK	1	1	19.58	19.58	19.56	20.3	0.0
100	QPSK	1	137	19.63	19.69	19.58		
100	QPSK	1	271	19.46	19.52	19.46		
100	QPSK	135	0	19.55	19.60	19.45	20.3	0.0
100	QPSK	135	69	19.58	19.61	19.52		
100	QPSK	135	138	19.55	19.54	19.50		
100	QPSK	270	0	19.52	19.56	19.48	20.3	0.0
100	16QAM	1	137	19.51	19.64	19.48	20.3	0.0
100	64QAM	1	137	19.56	19.68	19.53	20.3	0.0
100	256QAM	1	137	19.55	19.66	19.52	20.3	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	19.60	19.57	19.49	20.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	19.57	19.61	19.48	20.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	19.62	19.64	19.55	20.3	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	19.53	19.61	19.54	20.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.54	19.60	19.54	20.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	19.58	19.66	19.54	20.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.11		17.0	0.0
100	PI/2 BPSK	1	137		16.09			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		16.11		17.0	0.0
100	PI/2 BPSK	135	69		16.12		17.0	0.0
100	PI/2 BPSK	135	138		16.10		17.0	0.0
100	PI/2 BPSK	270	0		16.16			
100	QPSK	1	1		16.09		17.0	0.0
100	QPSK	1	137		16.18			
100	QPSK	1	271		16.13			
100	QPSK	135	0		16.11		17.0	0.0
100	QPSK	135	69		16.13			
100	QPSK	135	138		16.05			
100	QPSK	270	0		16.10		17.0	0.0
100	16QAM	1	137		16.12		17.0	0.0
100	64QAM	1	137		16.05		17.0	0.0
100	256QAM	1	137		16.08		16.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.07	16.10	16.00	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.05	16.16	16.03	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.10	16.09	16.02	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.07	16.14	16.03	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.09	16.14	16.02	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.07	16.11	16.05	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.67		20.0	0.0
100	PI/2 BPSK	1	137		19.69			
100	PI/2 BPSK	1	271		19.62			
100	PI/2 BPSK	135	0		19.68		20.0	0.0
100	PI/2 BPSK	135	69		19.66		20.0	0.0
100	PI/2 BPSK	135	138		19.70		20.0	0.0
100	PI/2 BPSK	270	0		19.68			
100	QPSK	1	1		19.64		20.0	0.0
100	QPSK	1	137		19.77			
100	QPSK	1	271		19.65			
100	QPSK	135	0		19.60		20.0	0.0
100	QPSK	135	69		19.65			
100	QPSK	135	138		19.58			
100	QPSK	270	0		19.61		20.0	0.0
100	16QAM	1	137		19.56		20.0	0.0
100	64QAM	1	137		19.52		20.0	0.0
100	256QAM	1	137		18.53		19.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	19.54	19.62	19.53	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	19.55	19.64	19.55	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	19.66	19.62	19.57	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3526		
50	QPSK	1	67	19.58	19.68	19.55	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	19.60	19.64	19.56	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	19.57	19.64	19.58	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.09	16.04	16.00	17.0	0.0
100	PI/2 BPSK	1	137	16.02	16.09	16.03		
100	PI/2 BPSK	1	271	16.04	16.06	16.04		
100	PI/2 BPSK	135	0	16.04	16.06	15.99	17.0	0.0
100	PI/2 BPSK	135	69	16.07	16.09	15.98	17.0	0.0
100	PI/2 BPSK	135	138	16.00	16.09	16.00	17.0	0.0
100	PI/2 BPSK	270	0	16.07	16.04	16.03		
100	QPSK	1	1	16.04	16.06	16.02	17.0	0.0
100	QPSK	1	137	16.10	16.12	16.08		
100	QPSK	1	271	16.01	16.01	15.98		
100	QPSK	135	0	15.98	16.06	15.96	17.0	0.0
100	QPSK	135	69	16.03	16.08	16.00		
100	QPSK	135	138	15.99	15.99	15.96		
100	QPSK	270	0	15.93	16.03	15.91	17.0	0.0
100	16QAM	1	137	16.10	16.07	16.02	17.0	0.0
100	64QAM	1	137	16.08	16.11	16.00	17.0	0.0
100	256QAM	1	137	15.59	15.58	15.56	16.5	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	16.04	16.04	16.06	17.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	16.10	16.09	15.99	17.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	16.10	16.05	16.04	17.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3840	3954.99		
50	QPSK	1	67	16.03	16.05	15.99	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.05	16.01	16.05	17.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	16.03	16.02	16.08	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.66	19.71	19.61	20.0	0.0
100	PI/2 BPSK	1	137	19.63	19.69	19.54		
100	PI/2 BPSK	1	271	19.62	19.71	19.60		
100	PI/2 BPSK	135	0	19.59	19.70	19.53	20.0	0.0
100	PI/2 BPSK	135	69	19.61	19.73	19.55	20.0	0.0
100	PI/2 BPSK	135	138	19.61	19.72	19.58	20.0	0.0
100	PI/2 BPSK	270	0	19.69	19.65	19.57		
100	QPSK	1	1	19.66	19.69	19.57	20.0	0.0
100	QPSK	1	137	19.68	19.74	19.63		
100	QPSK	1	271	19.52	19.60	19.51		
100	QPSK	135	0	19.60	19.60	19.50	20.0	0.0
100	QPSK	135	69	19.63	19.68	19.58		
100	QPSK	135	138	19.54	19.64	19.53		
100	QPSK	270	0	19.48	19.61	19.45	20.0	0.0
100	16QAM	1	137	19.64	19.68	19.55	20.0	0.0
100	64QAM	1	137	19.62	19.68	19.57	20.0	0.0
100	256QAM	1	137	19.61	19.70	19.59	20.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	19.62	19.71	19.51	20.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	19.65	19.67	19.62	20.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	19.56	19.69	19.60	20.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3726.01	3840	3954.99		
50	QPSK	1	67	19.60	19.68	19.52	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.63	19.68	19.61	20.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	19.64	19.66	19.64	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.34		18.0	0.0
100	PI/2 BPSK	1	137		17.39			
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.40		18.0	0.0
100	PI/2 BPSK	135	69		17.41		18.0	0.0
100	PI/2 BPSK	135	138		17.37		18.0	0.0
100	PI/2 BPSK	270	0		17.37			
100	QPSK	1	1		17.36		18.0	0.0
100	QPSK	1	137		17.43			
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.35		18.0	0.0
100	QPSK	135	69		17.37			
100	QPSK	135	138		17.31			
100	QPSK	270	0		17.33		18.0	0.0
100	16QAM	1	137		17.35		18.0	0.0
100	64QAM	1	137		17.37		18.0	0.0
100	256QAM	1	137		17.39		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.28	17.35	17.24	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.28	17.37	17.35	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.33	17.37	17.28	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3526		
50	QPSK	1	67	17.35	17.35	17.34	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.35	17.42	17.29	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.31	17.38	17.28	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.30	17.34	17.30	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.33	17.36	17.25	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.78		21.0	0.0
100	PI/2 BPSK	1	137		20.72			
100	PI/2 BPSK	1	271		20.73			
100	PI/2 BPSK	135	0		20.80		21.0	0.0
100	PI/2 BPSK	135	69		20.81		21.0	0.0
100	PI/2 BPSK	135	138		20.78		21.0	0.0
100	PI/2 BPSK	270	0		20.73			
100	QPSK	1	1		20.75		21.0	0.0
100	QPSK	1	137		20.83			
100	QPSK	1	271		20.78			
100	QPSK	135	0		20.68		21.0	0.0
100	QPSK	135	69		20.71			
100	QPSK	135	138		20.65			
100	QPSK	270	0		20.68		21.0	0.0
100	16QAM	1	137		20.62		21.0	0.0
100	64QAM	1	137		20.65		21.0	0.0
100	256QAM	1	137		20.60		21.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.71	20.75	20.67	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.73	20.80	20.69	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.72	20.80	20.68	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.66	20.75	20.66	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.66	20.79	20.71	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.76	20.73	20.73	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.70	20.76	20.69	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.76	20.77	20.68	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.99		18.0	0.0
100	PI/2 BPSK	1	137		16.98			
100	PI/2 BPSK	1	271		16.93			
100	PI/2 BPSK	135	0		17.01		18.0	0.0
100	PI/2 BPSK	135	69		17.02		18.0	0.0
100	PI/2 BPSK	135	138		17.02		18.0	0.0
100	PI/2 BPSK	270	0		16.97			
100	QPSK	1	1		16.97		18.0	0.0
100	QPSK	1	137		17.03			
100	QPSK	1	271		16.97			
100	QPSK	135	0		16.93		18.0	0.0
100	QPSK	135	69		16.95			
100	QPSK	135	138		16.89			
100	QPSK	270	0		16.91		18.0	0.0
100	16QAM	1	137		17.02		18.0	0.0
100	64QAM	1	137		17.01		18.0	0.0
100	256QAM	1	137		16.96		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	16.94	17.02	16.92	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	16.93	16.98	16.92	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	16.90	17.02	16.90	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	16.92	16.96	16.89	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	16.98	16.98	16.93	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.96	16.96	16.85	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	16.89	16.97	16.83	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	16.93	16.95	16.91	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.33		21.0	0.0
100	PI/2 BPSK	1	137		20.32			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		20.41		21.0	0.0
100	PI/2 BPSK	135	69		20.34		21.0	0.0
100	PI/2 BPSK	135	138		20.41		21.0	0.0
100	PI/2 BPSK	270	0		20.33			
100	QPSK	1	1		20.38		21.0	0.0
100	QPSK	1	137		20.42			
100	QPSK	1	271		20.38			
100	QPSK	135	0		20.30		21.0	0.0
100	QPSK	135	69		20.32			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.26		21.0	0.0
100	16QAM	1	137		20.20		21.0	0.0
100	64QAM	1	137		20.18		21.0	0.0
100	256QAM	1	137		20.13		21.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	20.28	20.32	20.26	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	20.30	20.41	20.26	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.32	20.35	20.29	21.0	0.0
Channel				649668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	20.25	20.39	20.23	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	20.26	20.35	20.25	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.27	20.36	20.32	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	20.27	20.40	20.24	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	20.28	20.38	20.31	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.07		15.0	0.0
100	PI/2 BPSK	1	137		14.07			
100	PI/2 BPSK	1	271		14.04			
100	PI/2 BPSK	135	0		14.11		15.0	0.0
100	PI/2 BPSK	135	69		14.06		15.0	0.0
100	PI/2 BPSK	135	138		14.06		15.0	0.0
100	PI/2 BPSK	270	0		14.05			
100	QPSK	1	1		14.05		15.0	0.0
100	QPSK	1	137		14.12			
100	QPSK	1	271		14.07			
100	QPSK	135	0		14.05		15.0	0.0
100	QPSK	135	69		14.07			
100	QPSK	135	138		14.01			
100	QPSK	270	0		14.03		15.0	0.0
100	16QAM	1	137		14.08		15.0	0.0
100	64QAM	1	137		14.08		15.0	0.0
100	256QAM	1	137		14.03		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	13.97	14.10	14.02	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.01	14.05	13.92	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.05	14.11	13.95	15.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.00	14.10	13.97	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.05	14.00	13.98	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.05	14.07	13.93	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.03	14.06	13.96	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.01	14.09	14.01	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.92		18.0	0.0
100	PI/2 BPSK	1	137		17.91			
100	PI/2 BPSK	1	271		17.88			
100	PI/2 BPSK	135	0		17.92		18.0	0.0
100	PI/2 BPSK	135	69		17.88		18.0	0.0
100	PI/2 BPSK	135	138		17.91		18.0	0.0
100	PI/2 BPSK	270	0		17.92			
100	QPSK	1	1		17.88		18.0	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.85		18.0	0.0
100	QPSK	135	69		17.89			
100	QPSK	135	138		17.81			
100	QPSK	270	0		17.84		18.0	0.0
100	16QAM	1	137		17.80		18.0	0.0
100	64QAM	1	137		17.78		18.0	0.0
100	256QAM	1	137		17.82		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.86	17.91	17.81	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.84	17.92	17.85	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	17.82	17.85	17.86	18.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.92	17.88	17.82	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.81	17.88	17.86	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.86	17.88	17.83	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.84	17.89	17.81	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.86	17.91	17.85	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.03		15.0	0.0
100	PI/2 BPSK	1	137		14.05			
100	PI/2 BPSK	1	271		14.05			
100	PI/2 BPSK	135	0		14.08		15.0	0.0
100	PI/2 BPSK	135	69		14.04		15.0	0.0
100	PI/2 BPSK	135	138		14.09		15.0	0.0
100	PI/2 BPSK	270	0		14.11			
100	QPSK	1	1		14.03		15.0	0.0
100	QPSK	1	137		14.12			
100	QPSK	1	271		14.10			
100	QPSK	135	0		14.05		15.0	0.0
100	QPSK	135	69		14.08			
100	QPSK	135	138		14.00			
100	QPSK	270	0		14.03		15.0	0.0
100	16QAM	1	137		14.05		15.0	0.0
100	64QAM	1	137		14.02		15.0	0.0
100	256QAM	1	137		14.01		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	14.04	14.11	13.93	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	13.96	14.05	13.94	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	14.04	14.08	13.98	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.00	14.07	14.02	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	14.00	14.04	13.95	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	14.05	14.04	13.95	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	13.97	14.10	13.99	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	14.07	14.08	13.93	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.91		18.0	0.0
100	PI/2 BPSK	1	137		17.90			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.85		18.0	0.0
100	PI/2 BPSK	135	69		17.85		18.0	0.0
100	PI/2 BPSK	135	138		17.84		18.0	0.0
100	PI/2 BPSK	270	0		17.90			
100	QPSK	1	1		17.85		18.0	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.88			
100	QPSK	135	0		17.83		18.0	0.0
100	QPSK	135	69		17.88			
100	QPSK	135	138		17.80			
100	QPSK	270	0		17.83		18.0	0.0
100	16QAM	1	137		17.85		18.0	0.0
100	64QAM	1	137		17.78		18.0	0.0
100	256QAM	1	137		17.83		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	17.82	17.90	17.83	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	17.84	17.89	17.79	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.85	17.88	17.77	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	17.88	17.81	17.78	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	17.79	17.87	17.75	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.77	17.83	17.74	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	17.84	17.91	17.76	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	17.78	17.86	17.78	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.27		16.3	0.0
100	PI/2 BPSK	1	137		15.27			
100	PI/2 BPSK	1	271		15.31			
100	PI/2 BPSK	135	0		15.35		16.3	0.0
100	PI/2 BPSK	135	69		15.28		16.3	0.0
100	PI/2 BPSK	135	138		15.34		16.3	0.0
100	PI/2 BPSK	270	0		15.31			
100	QPSK	1	1		15.34		16.3	0.0
100	QPSK	1	137		15.40			
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.30		16.3	0.0
100	QPSK	135	69		15.31			
100	QPSK	135	138		15.25			
100	QPSK	270	0		15.28		16.3	0.0
100	16QAM	1	137		15.29		16.3	0.0
100	64QAM	1	137		15.33		16.3	0.0
100	256QAM	1	137		15.26		16.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	15.26	15.31	15.22	16.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.30	15.28	15.17	16.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	15.27	15.33	15.25	16.3	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	15.24	15.34	15.22	16.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	15.25	15.30	15.19	16.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	15.28	15.27	15.25	16.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	15.24	15.28	15.23	16.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.28	15.28	15.19	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.54		19.3	0.0
100	PI/2 BPSK	1	137		18.54			
100	PI/2 BPSK	1	271		18.55			
100	PI/2 BPSK	135	0		18.56		19.3	0.0
100	PI/2 BPSK	135	69		18.53		19.3	0.0
100	PI/2 BPSK	135	138		18.53		19.3	0.0
100	PI/2 BPSK	270	0		18.57			
100	QPSK	1	1		18.55		19.3	0.0
100	QPSK	1	137		18.62			
100	QPSK	1	271		18.55			
100	QPSK	135	0		18.52		19.3	0.0
100	QPSK	135	69		18.55			
100	QPSK	135	138		18.45			
100	QPSK	270	0		18.49		19.3	0.0
100	16QAM	1	137		18.60		19.3	0.0
100	64QAM	1	137		18.56		19.3	0.0
100	256QAM	1	137		18.53		19.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	18.48	18.59	18.46	19.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	18.50	18.57	18.50	19.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	18.48	18.61	18.48	19.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	18.55	18.61	18.49	19.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	18.49	18.53	18.48	19.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	18.51	18.53	18.47	19.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	18.56	18.58	18.45	19.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	18.59	18.58	18.49	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.33		16.3	0.0
100	PI/2 BPSK	1	137		15.32			
100	PI/2 BPSK	1	271		15.34			
100	PI/2 BPSK	135	0		15.34		16.3	0.0
100	PI/2 BPSK	135	69		15.30		16.3	0.0
100	PI/2 BPSK	135	138		15.35		16.3	0.0
100	PI/2 BPSK	270	0		15.28			
100	QPSK	1	1		15.35		16.3	0.0
100	QPSK	1	137		15.38			
100	QPSK	1	271		15.33			
100	QPSK	135	0		15.31		16.3	0.0
100	QPSK	135	69		15.33			
100	QPSK	135	138		15.25			
100	QPSK	270	0		15.27		16.3	0.0
100	16QAM	1	137		15.30		16.3	0.0
100	64QAM	1	137		15.35		16.3	0.0
100	256QAM	1	137		15.31		16.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.26	15.37	15.23	16.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.25	15.27	15.20	16.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.31	15.33	15.26	16.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.29	15.36	15.22	16.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.24	15.36	15.22	16.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.25	15.35	15.24	16.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.28	15.35	15.22	16.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.33	15.33	15.20	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.50		19.3	0.0
100	PI/2 BPSK	1	137		18.54			
100	PI/2 BPSK	1	271		18.49			
100	PI/2 BPSK	135	0		18.47		19.3	0.0
100	PI/2 BPSK	135	69		18.50		19.3	0.0
100	PI/2 BPSK	135	138		18.52		19.3	0.0
100	PI/2 BPSK	270	0		18.54			
100	QPSK	1	1		18.52		19.3	0.0
100	QPSK	1	137		18.57			
100	QPSK	1	271		18.51			
100	QPSK	135	0		18.48		19.3	0.0
100	QPSK	135	69		18.52			
100	QPSK	135	138		18.45			
100	QPSK	270	0		18.48		19.3	0.0
100	16QAM	1	137		18.48		19.3	0.0
100	64QAM	1	137		18.55		19.3	0.0
100	256QAM	1	137		18.47		19.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	18.48	18.53	18.42	19.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	18.47	18.49	18.36	19.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.48	18.52	18.38	19.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	18.52	18.50	18.39	19.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	18.49	18.52	18.45	19.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.45	18.47	18.46	19.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	18.53	18.53	18.42	19.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	18.49	18.49	18.46	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.09		17.0	0.0
100	PI/2 BPSK	1	137		16.14			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		16.08		17.0	0.0
100	PI/2 BPSK	135	69		16.10		17.0	0.0
100	PI/2 BPSK	135	138		16.13		17.0	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.12		17.0	0.0
100	QPSK	1	137		16.15			
100	QPSK	1	271		16.03			
100	QPSK	135	0		16.10		17.0	0.0
100	QPSK	135	69		16.12			
100	QPSK	135	138		16.05			
100	QPSK	270	0		16.09		17.0	0.0
100	16QAM	1	137		16.10		17.0	0.0
100	64QAM	1	137		16.08		17.0	0.0
100	256QAM	1	137		15.59		16.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.06	16.11	16.07	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.01	16.10	16.02	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	16.09	16.08	16.06	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.06	16.07	16.00	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.03	16.11	16.04	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.05	16.06	16.05	17.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	16.11	16.14	16.00	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.04	16.07	16.05	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.65		20.0	0.0
100	PI/2 BPSK	1	137		19.66			
100	PI/2 BPSK	1	271		19.63			
100	PI/2 BPSK	135	0		19.62		20.0	0.0
100	PI/2 BPSK	135	69		19.66		20.0	0.0
100	PI/2 BPSK	135	138		19.67		20.0	0.0
100	PI/2 BPSK	270	0		19.68			
100	QPSK	1	1		19.63		20.0	0.0
100	QPSK	1	137		19.73			
100	QPSK	1	271		19.65			
100	QPSK	135	0		19.63		20.0	0.0
100	QPSK	135	69		19.70			
100	QPSK	135	138		19.62			
100	QPSK	270	0		19.68		20.0	0.0
100	16QAM	1	137		19.66		20.0	0.0
100	64QAM	1	137		19.69		20.0	0.0
100	256QAM	1	137		19.21		19.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	19.64	19.67	19.58	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	19.58	19.70	19.56	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	19.60	19.70	19.60	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	19.65	19.72	19.58	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	19.63	19.68	19.57	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	19.63	19.70	19.64	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	19.59	19.65	19.64	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	19.63	19.68	19.58	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.90		17.0	0.0
100	PI/2 BPSK	1	137		15.88			
100	PI/2 BPSK	1	271		15.81			
100	PI/2 BPSK	135	0		15.83		17.0	0.0
100	PI/2 BPSK	135	69		15.86		17.0	0.0
100	PI/2 BPSK	135	138		15.81		17.0	0.0
100	PI/2 BPSK	270	0		15.91			
100	QPSK	1	1		15.88		17.0	0.0
100	QPSK	1	137		15.92			
100	QPSK	1	271		15.90			
100	QPSK	135	0		15.85		17.0	0.0
100	QPSK	135	69		15.89			
100	QPSK	135	138		15.81			
100	QPSK	270	0		15.86		17.0	0.0
100	16QAM	1	137		15.85		17.0	0.0
100	64QAM	1	137		15.90		17.0	0.0
100	256QAM	1	137		15.36		16.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.80	15.84	15.77	17.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.87	15.86	15.82	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.83	15.88	15.81	17.0	0.0
Channel				649668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.83	15.86	15.79	17.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.81	15.87	15.82	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.82	15.86	15.78	17.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.88	15.83	15.80	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.88	15.82	15.83	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.46		20.0	0.0
100	PI/2 BPSK	1	137		19.46			
100	PI/2 BPSK	1	271		19.50			
100	PI/2 BPSK	135	0		19.47		20.0	0.0
100	PI/2 BPSK	135	69		19.50		20.0	0.0
100	PI/2 BPSK	135	138		19.52		20.0	0.0
100	PI/2 BPSK	270	0		19.46			
100	QPSK	1	1		19.44		20.0	0.0
100	QPSK	1	137		19.53			
100	QPSK	1	271		19.45			
100	QPSK	135	0		19.42		20.0	0.0
100	QPSK	135	69		19.48			
100	QPSK	135	138		19.40			
100	QPSK	270	0		19.43		20.0	0.0
100	16QAM	1	137		19.49		20.0	0.0
100	64QAM	1	137		19.47		20.0	0.0
100	256QAM	1	137		18.94		19.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.46	19.47	19.39	20.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.40	19.51	19.39	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.43	19.49	19.35	20.0	0.0
Channel				649668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.43	19.48	19.42	20.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.42	19.41	19.36	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.40	19.42	19.45	20.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.36	19.47	19.37	20.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.44	19.51	19.35	20.0	0.0

Reduced Power Mode for DSI3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.70	24.67	24.67	25.5	0.0
20	PI/2 BPSK	1	53	24.82	24.71	24.82		
20	PI/2 BPSK	1	104	24.68	24.68	24.65		
20	PI/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	PI/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	PI/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61	25.5	0.0
20	QPSK	1	53	24.78	24.83	24.81		
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.76	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.66	23.81	23.69	24.5	0.0
20	PI/2 BPSK	1	53	23.69	23.76	23.60		
20	PI/2 BPSK	1	104	23.74	23.76	23.59		
20	PI/2 BPSK	50	0	23.70	23.78	23.61	24.5	0.0
20	PI/2 BPSK	50	28	23.69	23.79	23.65	24.5	0.0
20	PI/2 BPSK	50	56	23.78	23.75	23.63	24.5	0.0
20	PI/2 BPSK	100	0	23.68	23.73	23.64		
20	QPSK	1	1	23.72	23.75	23.66	24.5	0.0
20	QPSK	1	53	23.78	23.83	23.69		
20	QPSK	1	104	23.72	23.81	23.60		
20	QPSK	50	0	23.72	23.77	23.65	24.5	0.0
20	QPSK	50	28	23.75	23.80	23.66	24.5	0.0
20	QPSK	50	56	23.64	23.73	23.59	24.5	0.0
20	QPSK	100	0	23.60	23.76	23.55		
20	16QAM	1	53	23.70	23.77	23.61	24.5	0.0
20	64QAM	1	53	22.01	22.15	22.04	23.0	1.5
20	256QAM	1	53	20.64	20.62	20.67	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.68	23.74	23.65	24.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.68	23.75	23.64	24.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.70	23.73	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46	21.5	0.0
50	PI/2 BPSK	1	135	20.56	20.67	20.50		
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31	21.5	0.0
50	QPSK	1	135	20.70	20.73	20.63		
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.69	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.14	23.20	23.16	24.0	0.0
50	PI/2 BPSK	1	135	23.16	23.25	23.14		
50	PI/2 BPSK	1	268	23.14	23.27	23.10		
50	PI/2 BPSK	135	0	23.12	23.22	23.08	24.0	0.0
50	PI/2 BPSK	135	68	23.17	23.24	23.11	24.0	0.0
50	PI/2 BPSK	135	135	23.15	23.27	23.11	24.0	0.0
50	PI/2 BPSK	270	0	23.09	23.21	23.14		
50	QPSK	1	1	23.13	23.25	23.14	24.0	0.0
50	QPSK	1	135	23.21	23.29	23.18		
50	QPSK	1	268	23.18	23.19	23.17		
50	QPSK	135	0	23.14	23.17	23.09	24.0	0.0
50	QPSK	135	68	23.19	23.25	23.15	24.0	0.0
50	QPSK	135	135	23.11	23.18	23.13	24.0	0.0
50	QPSK	270	0	23.10	23.21	23.05		
50	16QAM	1	135	23.21	23.22	23.07	24.0	0.0
50	64QAM	1	135	22.23	22.28	22.20	23.0	1.0
50	256QAM	1	135	19.65	19.73	19.62	21.0	3.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	23.05	23.14	22.99	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	23.02	23.13	23.02	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	23.05	23.11	23.00	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	23.00	23.13	23.05	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	23.03	23.13	23.08	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	23.01	23.16	23.04	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	23.06	23.09	23.06	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.12	23.14	23.08	24.0	0.0
50	PI/2 BPSK	1	135	23.32	23.41	23.30		
50	PI/2 BPSK	1	268	23.13	23.22	23.14		
50	PI/2 BPSK	135	0	22.81	22.93	22.88	23.5	0.5
50	PI/2 BPSK	135	68	23.32	23.41	23.30	24.0	0.0
50	PI/2 BPSK	135	135	23.04	23.09	23.07	23.5	0.5
50	PI/2 BPSK	270	0	22.83	22.91	22.84		
50	QPSK	1	1	22.97	23.08	23.02	24.0	0.0
50	QPSK	1	135	23.32	23.45	23.35		
50	QPSK	1	268	23.01	23.12	23.03		
50	QPSK	135	0	22.30	22.31	22.27	23.0	1.0
50	QPSK	135	68	23.33	23.43	23.41	24.0	0.0
50	QPSK	135	135	22.40	22.45	22.40	23.0	1.0
50	QPSK	270	0	22.35	22.36	22.33		
50	16QAM	1	135	21.80	21.82	21.73	23.0	1.0
50	64QAM	1	135	20.37	20.44	20.41	21.5	2.5
50	256QAM	1	135	18.90	19.00	18.90	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	22.87	22.98	22.95	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	22.94	23.03	23.01	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	22.89	23.05	22.93	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	22.95	23.00	22.90	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	22.91	22.98	22.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.92	23.03	22.95	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.86	23.04	22.91	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.22	19.33	19.20	20.0	0.0
50	PI/2 BPSK	1	135	19.28	19.39	19.22		
50	PI/2 BPSK	1	268	19.32	19.35	19.22		
50	PI/2 BPSK	135	0	19.32	19.38	19.21	20.0	0.0
50	PI/2 BPSK	135	68	19.29	19.31	19.22	20.0	0.0
50	PI/2 BPSK	135	135	19.33	19.39	19.19	20.0	0.0
50	PI/2 BPSK	270	0	19.29	19.38	19.17		
50	QPSK	1	1	19.27	19.33	19.20	20.0	0.0
50	QPSK	1	135	19.33	19.42	19.24		
50	QPSK	1	268	19.21	19.32	19.22		
50	QPSK	135	0	19.27	19.35	19.09	20.0	0.0
50	QPSK	135	68	19.30	19.37	19.18	20.0	0.0
50	QPSK	135	135	19.20	19.31	19.11	20.0	0.0
50	QPSK	270	0	19.18	19.32	19.08		
50	16QAM	1	135	19.28	19.37	19.19	20.0	0.0
50	64QAM	1	135	19.28	19.40	19.18	20.0	0.0
50	256QAM	1	135	19.04	19.08	19.03	19.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	19.21	19.38	19.19	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	19.27	19.37	19.16	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	19.26	19.40	19.19	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	19.28	19.36	19.17	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	19.28	19.38	19.21	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	19.28	19.40	19.16	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	19.28	19.35	19.22	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	348000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.60	20.61	20.54	22.0	0.0
40	PI/2 BPSK	1	108	21.15	21.21	21.20		
40	PI/2 BPSK	1	214	20.55	20.58	20.56		
40	PI/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	PI/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	PI/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	PI/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40	22.0	0.0
40	QPSK	1	108	21.14	21.22	21.19		
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	348000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.93	24.03	23.94	25.5	0.0
40	PI/2 BPSK	1	108	24.67	24.71	24.60		
40	PI/2 BPSK	1	214	24.00	24.12	24.05		
40	PI/2 BPSK	108	0	23.80	23.91	23.79	25.0	0.5
40	PI/2 BPSK	108	54	24.58	24.68	24.66	25.5	0.0
40	PI/2 BPSK	108	108	23.92	24.00	23.99	25.0	0.5
40	PI/2 BPSK	216	0	23.85	23.97	23.93		
40	QPSK	1	1	23.96	24.03	24.02	25.5	0.0
40	QPSK	1	108	24.61	24.72	24.70		
40	QPSK	1	214	24.03	24.09	24.07		
40	QPSK	108	0	23.35	23.37	23.35	24.5	1.0
40	QPSK	108	54	24.58	24.63	24.61	25.5	0.0
40	QPSK	108	108	23.40	23.44	23.35	24.5	1.0
40	QPSK	216	0	23.35	23.37	23.27		
40	16QAM	1	108	23.56	23.57	23.50	24.5	1.0
40	64QAM	1	108	22.02	22.04	21.99	23.0	2.5
40	256QAM	1	108	20.51	20.63	20.62	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	24.54	24.61	24.58	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	24.50	24.61	24.57	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	24.44	24.57	24.54	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	24.51	24.53	24.50	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	24.52	24.56	24.60	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.23	23.24	23.21	24.2	0.0
40	PI/2 BPSK	1	108	23.74	23.78	23.72		
40	PI/2 BPSK	1	214	23.22	23.23	23.20		
40	PI/2 BPSK	108	0	22.94	23.03	22.97	23.7	0.5
40	PI/2 BPSK	108	54	23.68	23.80	23.75	24.2	0.0
40	PI/2 BPSK	108	108	23.01	23.11	23.07	23.7	0.5
40	PI/2 BPSK	216	0	23.09	23.16	23.12		
40	QPSK	1	1	23.06	23.18	23.17	24.2	0.0
40	QPSK	1	108	23.76	23.81	23.80		
40	QPSK	1	214	23.19	23.22	23.21		
40	QPSK	108	0	22.43	22.47	22.46	23.2	1.0
40	QPSK	108	54	23.72	23.76	23.72	24.2	0.0
40	QPSK	108	108	22.50	22.57	22.51	23.2	1.0
40	QPSK	216	0	22.48	22.53	22.41		
40	16QAM	1	108	22.62	22.71	22.64	23.2	1.0
40	64QAM	1	108	21.25	21.26	21.27	21.7	2.5
40	256QAM	1	108	19.46	19.52	19.43	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.46	23.62	23.65	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	23.52	23.68	23.52	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	23.71	23.68	23.67	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.51	23.80	23.77	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.52	23.59	23.66	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.50	21.58	21.53	22.7	0.0
40	PI/2 BPSK	1	108	21.55	21.61	21.58		
40	PI/2 BPSK	1	214	21.52	21.65	21.54		
40	PI/2 BPSK	108	0	21.51	21.64	21.60	22.7	0.0
40	PI/2 BPSK	108	54	21.47	21.60	21.65	22.7	0.0
40	PI/2 BPSK	108	108	21.52	21.62	21.61	22.7	0.0
40	PI/2 BPSK	216	0	21.52	21.61	21.57		
40	QPSK	1	1	21.57	21.63	21.56	22.7	0.0
40	QPSK	1	108	21.58	21.69	21.64		
40	QPSK	1	214	21.51	21.63	21.58		
40	QPSK	108	0	21.48	21.65	21.51	22.7	0.0
40	QPSK	108	54	21.55	21.66	21.58	22.7	0.0
40	QPSK	108	108	21.48	21.64	21.55	22.7	0.0
40	QPSK	216	0	21.43	21.62	21.50		
40	16QAM	1	1	21.48	21.64	21.61	22.7	0.0
40	64QAM	1	1	20.36	20.45	20.41	21.7	1.0
40	256QAM	1	1	18.94	19.02	19.01	19.7	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.50	21.60	21.58	22.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.54	21.60	21.55	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	21.48	21.68	21.57	22.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.51	21.65	21.57	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	21.58	21.63	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27	21.5	0.0
40	PI/2 BPSK	1	53	20.91	20.93	20.90		
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12	21.5	0.0
40	QPSK	1	53	20.88	20.98	20.88		
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55	21.5	0.0
40	QPSK	50	28	20.46	20.48	20.44		
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.10	24.27	24.23	25.0	0.0
40	PI/2 BPSK	1	53	24.16	24.27	24.27		
40	PI/2 BPSK	1	104	24.10	24.27	24.29		
40	PI/2 BPSK	50	0	24.14	24.30	24.28	25.0	0.0
40	PI/2 BPSK	50	28	24.17	24.30	24.17	25.0	0.0
40	PI/2 BPSK	50	56	24.12	24.27	24.19	25.0	0.0
40	PI/2 BPSK	100	0	24.11	24.27	24.22		
40	QPSK	1	1	24.18	24.24	24.17	25.0	0.0
40	QPSK	1	53	24.21	24.34	24.28		
40	QPSK	1	104	24.17	24.27	24.26		
40	QPSK	50	0	24.16	24.24	24.15	25.0	0.0
40	QPSK	50	28	24.17	24.30	24.25		
40	QPSK	50	56	24.12	24.27	24.14		
40	QPSK	100	0	24.10	24.27	24.16	24.5	0.5
40	16QAM	1	53	23.70	23.74	23.68	24.5	0.5
40	64QAM	1	53	21.88	21.86	21.89	23.0	2.0
40	256QAM	1	53	20.32	20.44	20.36	21.0	4.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	24.13	24.22	24.25	25.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	24.22	24.33	24.20	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.80	22.86	22.74	24.0	0.0
40	PI/2 BPSK	1	53	23.43	23.46	23.45		
40	PI/2 BPSK	1	104	22.91	23.02	23.00		
40	PI/2 BPSK	50	0	22.57	22.60	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.04	23.12	23.11	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.64	22.59	23.5	0.5
40	PI/2 BPSK	100	0	22.63	22.66	22.58		
40	QPSK	1	1	22.70	22.75	22.70	24.0	0.0
40	QPSK	1	53	23.35	23.49	23.45		
40	QPSK	1	104	22.87	22.92	22.82		
40	QPSK	50	0	22.05	22.01	22.04	24.0	0.0
40	QPSK	50	28	22.97	23.01	23.00		
40	QPSK	50	56	22.17	22.04	22.07		
40	QPSK	100	0	21.95	22.02	21.97	23.0	1.0
40	16QAM	1	53	22.23	22.27	22.22	23.0	1.0
40	64QAM	1	53	20.81	20.82	20.77	21.5	2.5
40	256QAM	1	53	19.42	19.43	19.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	22.65	22.74	22.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	22.64	22.70	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.76	20.84	20.71	21.5	0.0
40	PI/2 BPSK	1	53	20.76	20.80	20.81		
40	PI/2 BPSK	1	104	20.77	20.85	20.72		
40	PI/2 BPSK	50	0	20.73	20.84	20.80	21.5	0.0
40	PI/2 BPSK	50	28	20.69	20.82	20.81	21.5	0.0
40	PI/2 BPSK	50	56	20.74	20.77	20.78	21.5	0.0
40	PI/2 BPSK	100	0	20.75	20.82	20.79		
40	QPSK	1	1	20.73	20.85	20.74	21.5	0.0
40	QPSK	1	53	20.80	20.88	20.83		
40	QPSK	1	104	20.71	20.83	20.80		
40	QPSK	50	0	20.71	20.79	20.73	21.5	0.0
40	QPSK	50	28	20.77	20.85	20.81		
40	QPSK	50	56	20.70	20.80	20.75		
40	QPSK	100	0	20.65	20.81	20.70	21.5	0.0
40	16QAM	1	53	20.75	20.78	20.76	21.5	0.0
40	64QAM	1	53	20.76	20.82	20.73	21.5	0.0
40	256QAM	1	53	19.28	19.38	19.26	19.5	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.78	20.77	20.77	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.76	20.85	20.75	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62	21.5	0.0
100	PI/2 BPSK	1	137	20.89	20.94	20.79		
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57	21.5	0.0
100	QPSK	1	137	20.75	21.00	20.57		
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56	21.5	0.0
100	QPSK	135	69	20.61	20.66	20.51		
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	19.55	19.53	19.51	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	109	19.55	19.68	19.52	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	19.51	19.53	19.57	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	67	19.52	19.60	19.58	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	19.55	19.63	19.57	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	19.50	19.58	19.57	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	26	19.50	19.63	19.53	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.67	23.73	23.70	25.5	0.0
100	PI/2 BPSK	1	137	24.86	24.94	24.87		
100	PI/2 BPSK	1	271	23.80	23.85	23.75		
100	PI/2 BPSK	135	0	24.03	24.10	24.05	25.0	0.5
100	PI/2 BPSK	135	69	24.94	24.99	24.88	25.5	0.0
100	PI/2 BPSK	135	138	24.09	24.15	24.08	25.0	0.5
100	PI/2 BPSK	270	0	24.10	24.12	24.01		
100	QPSK	1	1	23.71	23.81	23.70	25.5	0.0
100	QPSK	1	137	24.91	25.00	24.94		
100	QPSK	1	271	23.78	23.81	23.78		
100	QPSK	135	0	23.59	23.61	23.55	25.5	0.0
100	QPSK	135	69	24.72	24.83	24.79		
100	QPSK	135	138	23.55	23.56	23.52		
100	QPSK	270	0	23.34	23.38	23.33	24.5	1.0
100	16QAM	1	137	23.59	23.62	23.52	24.5	1.0
100	64QAM	1	137	22.00	22.12	22.10	23.0	2.5
100	256QAM	1	137	20.64	20.65	20.60	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	24.67	24.75	24.69	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	24.59	24.78	24.58	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	24.70	24.71	24.67	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	24.60	24.73	24.65	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	24.61	24.74	24.67	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	24.60	24.70	24.62	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	24.67	24.72	24.63	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.20	22.26	22.17	24.0	0.0
100	PI/2 BPSK	1	137	23.41	23.52	23.49		
100	PI/2 BPSK	1	271	22.22	22.33	22.26		
100	PI/2 BPSK	135	0	22.46	22.58	22.49	23.5	0.5
100	PI/2 BPSK	135	69	23.38	23.48	23.44	24.0	0.0
100	PI/2 BPSK	135	138	22.49	22.59	22.50	23.5	0.5
100	PI/2 BPSK	270	0	22.52	22.60	22.50		
100	QPSK	1	1	22.25	22.29	22.22	24.0	0.0
100	QPSK	1	137	23.46	23.54	23.37		
100	QPSK	1	271	22.36	22.38	22.37		
100	QPSK	135	0	22.60	22.61	22.60	24.0	0.0
100	QPSK	135	69	23.30	23.46	23.29		
100	QPSK	135	138	22.54	22.60	22.58		
100	QPSK	270	0	22.45	22.48	22.37	23.0	1.0
100	16QAM	1	137	22.22	22.27	22.19	23.0	1.0
100	64QAM	1	137	20.61	20.65	20.59	21.5	2.5
100	256QAM	1	137	19.18	19.21	19.12	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	23.05	23.07	23.05	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.06	23.11	23.02	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.05	23.15	23.00	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.05	23.18	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.04	23.11	23.08	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.06	23.13	23.08	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.12	23.15	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.23	20.33	20.05	21.0	0.0
100	PI/2 BPSK	1	137	20.30	20.36	20.07		
100	PI/2 BPSK	1	271	20.20	20.37	20.07		
100	PI/2 BPSK	135	0	20.22	20.36	20.06	21.0	0.0
100	PI/2 BPSK	135	69	20.25	20.34	20.00	21.0	0.0
100	PI/2 BPSK	135	138	20.26	20.30	20.05	21.0	0.0
100	PI/2 BPSK	270	0	20.23	20.34	20.06		
100	QPSK	1	1	20.28	20.29	20.08	21.0	0.0
100	QPSK	1	137	20.30	20.38	20.12		
100	QPSK	1	271	20.26	20.34	20.10		
100	QPSK	135	0	20.14	20.26	20.05	21.0	0.0
100	QPSK	135	69	20.26	20.32	20.08		
100	QPSK	135	138	20.24	20.25	20.00		
100	QPSK	270	0	20.20	20.24	19.98	21.0	0.0
100	16QAM	1	137	20.23	20.33	20.06	21.0	0.0
100	64QAM	1	137	20.18	20.33	20.06	21.0	0.0
100	256QAM	1	137	19.25	19.28	19.21	19.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.22	20.34	20.11	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.24	20.28	20.07	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.22	20.31	20.04	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.25	20.37	20.07	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.28	20.29	20.03	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.29	20.33	20.11	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	20.22	20.32	20.05	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.87		17.5	0.0
100	PI/2 BPSK	1	137		16.89			
100	PI/2 BPSK	1	271		16.84			
100	PI/2 BPSK	135	0		16.87		17.5	0.0
100	PI/2 BPSK	135	69		16.84		17.5	0.0
100	PI/2 BPSK	135	138		16.86		17.5	0.0
100	PI/2 BPSK	270	0		16.84			
100	QPSK	1	1		16.88		17.5	0.0
100	QPSK	1	137		16.92			
100	QPSK	1	271		16.90			
100	QPSK	135	0		16.83		17.5	0.0
100	QPSK	135	69		16.85			
100	QPSK	135	138		16.80			
100	QPSK	270	0		16.82		17.5	0.0
100	16QAM	1	137		16.80		17.5	0.0
100	64QAM	1	137		16.84		17.5	0.0
100	256QAM	1	137		16.88		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.77	16.83	16.79	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.81	16.86	16.77	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.82	16.89	16.73	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.84	16.87	16.78	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.82	16.87	16.73	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.75	16.88	16.73	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.16		20.5	0.0
100	PI/2 BPSK	1	137		20.18			
100	PI/2 BPSK	1	271		20.22			
100	PI/2 BPSK	135	0		20.15		20.5	0.0
100	PI/2 BPSK	135	69		20.17		20.5	0.0
100	PI/2 BPSK	135	138		20.21		20.5	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		20.17		20.5	0.0
100	QPSK	1	137		20.23			
100	QPSK	1	271		20.20			
100	QPSK	135	0		20.13		20.5	0.0
100	QPSK	135	69		20.18			
100	QPSK	135	138		20.11			
100	QPSK	270	0		20.13		20.5	0.0
100	16QAM	1	137		20.10		20.5	0.0
100	64QAM	1	137		20.14		20.5	0.0
100	256QAM	1	137		20.13		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.16	20.16	20.10	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.17	20.19	20.10	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.11	20.20	20.10	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.15	20.16	20.11	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.15	20.15	20.09	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.11	20.15	20.09	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.40	16.49	16.41	17.5	0.0
100	PI/2 BPSK	1	137	16.40	16.44	16.41		
100	PI/2 BPSK	1	271	16.34	16.43	16.36		
100	PI/2 BPSK	135	0	16.37	16.48	16.39	17.5	0.0
100	PI/2 BPSK	135	69	16.40	16.45	16.37	17.5	0.0
100	PI/2 BPSK	135	138	16.38	16.48	16.38	17.5	0.0
100	PI/2 BPSK	270	0	16.39	16.42	16.34		
100	QPSK	1	1	16.36	16.43	16.34	17.5	0.0
100	QPSK	1	137	16.45	16.50	16.41		
100	QPSK	1	271	16.44	16.43	16.39		
100	QPSK	135	0	16.31	16.35	16.32	17.5	0.0
100	QPSK	135	69	16.40	16.42	16.37		
100	QPSK	135	138	16.36	16.36	16.30		
100	QPSK	270	0	16.30	16.35	16.28	17.5	0.0
100	16QAM	1	1	16.41	16.42	16.34	17.5	0.0
100	64QAM	1	1	16.38	16.45	16.37	17.5	0.0
100	256QAM	1	1	16.40	16.46	16.36	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	16.42	16.45	16.37	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	16.41	16.38	16.36	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	16.45	16.44	16.34	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	16.37	16.41	16.36	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.42	16.45	16.35	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	16.34	16.44	16.34	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.81	19.92	19.71	20.5	0.0
100	PI/2 BPSK	1	137	19.85	19.89	19.74		
100	PI/2 BPSK	1	271	19.75	19.85	19.75		
100	PI/2 BPSK	135	0	19.80	19.94	19.72	20.5	0.0
100	PI/2 BPSK	135	69	19.81	19.92	19.73	20.5	0.0
100	PI/2 BPSK	135	138	19.81	19.89	19.71	20.5	0.0
100	PI/2 BPSK	270	0	19.77	19.91	19.70		
100	QPSK	1	1	19.74	19.90	19.75	20.5	0.0
100	QPSK	1	137	19.85	19.97	19.78		
100	QPSK	1	271	19.78	19.91	19.69		
100	QPSK	135	0	19.70	19.88	19.71	20.5	0.0
100	QPSK	135	69	19.75	19.96	19.73		
100	QPSK	135	138	19.73	19.94	19.70		
100	QPSK	270	0	19.70	19.81	19.65	20.5	0.0
100	16QAM	1	137	19.82	19.96	19.74	20.5	0.0
100	64QAM	1	137	19.80	19.95	19.73	20.5	0.0
100	256QAM	1	137	19.74	19.91	19.75	20.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	19.80	19.89	19.72	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	19.73	19.85	19.73	20.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	19.81	19.96	19.73	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	19.77	19.93	19.74	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.80	19.93	19.74	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	19.78	19.94	19.74	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.97		16.0	0.0
100	PI/2 BPSK	1	137		15.01			
100	PI/2 BPSK	1	271		15.03			
100	PI/2 BPSK	135	0		15.03		16.0	0.0
100	PI/2 BPSK	135	69		15.03		16.0	0.0
100	PI/2 BPSK	135	138		14.97		16.0	0.0
100	PI/2 BPSK	270	0		14.98			
100	QPSK	1	1		15.02		16.0	0.0
100	QPSK	1	137		15.08			
100	QPSK	1	271		15.03			
100	QPSK	135	0		15.01		16.0	0.0
100	QPSK	135	69		15.05			
100	QPSK	135	138		14.95			
100	QPSK	270	0		14.97		16.0	0.0
100	16QAM	1	137		14.98		16.0	0.0
100	64QAM	1	137		15.01		16.0	0.0
100	256QAM	1	137		15.02		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.94	15.01	14.94	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.00	15.03	14.92	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.98	14.98	14.91	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.94	15.05	14.94	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.99	15.04	14.93	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.00	15.03	14.95	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.85		19.0	0.0
100	PI/2 BPSK	1	137		18.93			
100	PI/2 BPSK	1	271		18.90			
100	PI/2 BPSK	135	0		18.90		19.0	0.0
100	PI/2 BPSK	135	69		18.95		19.0	0.0
100	PI/2 BPSK	135	138		18.89		19.0	0.0
100	PI/2 BPSK	270	0		18.91			
100	QPSK	1	1		18.94		19.0	0.0
100	QPSK	1	137		18.97			
100	QPSK	1	271		18.91			
100	QPSK	135	0		18.85		19.0	0.0
100	QPSK	135	69		18.89			
100	QPSK	135	138		18.83			
100	QPSK	270	0		18.86		19.0	0.0
100	16QAM	1	137		18.96		19.0	0.0
100	64QAM	1	137		18.88		19.0	0.0
100	256QAM	1	137		18.86		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	18.87	18.90	18.81	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	18.84	18.86	18.78	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	18.84	18.95	18.84	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	18.86	18.96	18.81	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	18.86	18.90	18.89	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	18.83	18.93	18.80	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.00	15.04	14.88	16.0	0.0
100	PI/2 BPSK	1	137	14.98	14.95	14.93		
100	PI/2 BPSK	1	271	14.96	14.96	14.95		
100	PI/2 BPSK	135	0	14.95	15.00	14.91	16.0	0.0
100	PI/2 BPSK	135	69	14.93	14.99	14.91	16.0	0.0
100	PI/2 BPSK	135	138	14.96	15.02	14.91	16.0	0.0
100	PI/2 BPSK	270	0	14.91	14.99	14.91		
100	QPSK	1	1	14.98	14.98	14.90	16.0	0.0
100	QPSK	1	137	15.02	15.05	14.96		
100	QPSK	1	271	14.97	14.98	14.93		
100	QPSK	135	0	14.89	14.94	14.88	16.0	0.0
100	QPSK	135	69	14.98	15.02	14.92		
100	QPSK	135	138	14.92	14.96	14.86		
100	QPSK	270	0	14.88	14.97	14.83	16.0	0.0
100	16QAM	1	137	14.94	15.00	14.92	16.0	0.0
100	64QAM	1	137	14.94	14.98	14.91	16.0	0.0
100	256QAM	1	137	14.96	14.97	14.88	16.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	14.97	14.94	14.89	16.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	14.91	15.00	14.87	16.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	15.03	14.99	14.94	16.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	15.00	15.01	14.91	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	14.93	14.99	14.93	16.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	15.01	15.04	14.88	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.81	18.76	18.68	19.0	0.0
100	PI/2 BPSK	1	137	18.75	18.83	18.70		
100	PI/2 BPSK	1	271	18.75	18.80	18.64		
100	PI/2 BPSK	135	0	18.76	18.79	18.70	19.0	0.0
100	PI/2 BPSK	135	69	18.74	18.79	18.70	19.0	0.0
100	PI/2 BPSK	135	138	18.72	18.79	18.67	19.0	0.0
100	PI/2 BPSK	270	0	18.79	18.77	18.70		
100	QPSK	1	1	18.78	18.78	18.70	19.0	0.0
100	QPSK	1	137	18.81	18.85	18.74		
100	QPSK	1	271	18.69	18.81	18.67		
100	QPSK	135	0	18.71	18.69	18.65	19.0	0.0
100	QPSK	135	69	18.77	18.80	18.70		
100	QPSK	135	138	18.71	18.76	18.59		
100	QPSK	270	0	18.67	18.76	18.53	19.0	0.0
100	16QAM	1	137	18.77	18.80	18.67	19.0	0.0
100	64QAM	1	137	18.75	18.77	18.69	19.0	0.0
100	256QAM	1	137	18.74	18.75	18.65	19.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	18.72	18.76	18.69	19.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	18.79	18.79	18.73	19.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	18.75	18.84	18.66	19.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	18.74	18.84	18.73	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.79	18.84	18.65	19.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	18.73	18.81	18.70	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.41		22.3	0.0
100	PI/2 BPSK	1	137		21.37			
100	PI/2 BPSK	1	271		20.43			
100	PI/2 BPSK	135	0		21.00		22.3	0.0
100	PI/2 BPSK	135	69		21.29		22.3	0.0
100	PI/2 BPSK	135	138		21.11		22.3	0.0
100	PI/2 BPSK	270	0		21.08			
100	QPSK	1	1		20.45		22.3	0.0
100	QPSK	1	137		21.42			
100	QPSK	1	271		20.49			
100	QPSK	135	0		20.98		22.3	0.0
100	QPSK	135	69		21.21			
100	QPSK	135	138		21.08			
100	QPSK	270	0		21.07		22.3	0.0
100	16QAM	1	137		20.85		22.3	0.0
100	64QAM	1	137		20.81		22.3	0.0
100	256QAM	1	137		19.02		20.8	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.94	21.02	20.96	22.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.98	21.01	20.98	22.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	21.02	20.98	20.98	22.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	21.03	20.97	20.97	22.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	21.01	21.02	20.93	22.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	21.01	20.98	21.02	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.81		25.3	0.0
100	PI/2 BPSK	1	137		24.35			
100	PI/2 BPSK	1	271		24.04			
100	PI/2 BPSK	135	0		24.12		24.8	0.5
100	PI/2 BPSK	135	69		24.35		25.3	0.0
100	PI/2 BPSK	135	138		24.15		24.8	0.5
100	PI/2 BPSK	270	0		24.31			
100	QPSK	1	1		23.81		25.3	0.0
100	QPSK	1	137		24.41			
100	QPSK	1	271		23.98			
100	QPSK	135	0		23.62		25.3	0.0
100	QPSK	135	69		24.38			
100	QPSK	135	138		23.73			
100	QPSK	270	0		23.90		24.3	1.0
100	16QAM	1	137		23.24		24.3	1.0
100	64QAM	1	137		21.66		22.8	2.5
100	256QAM	1	137		19.56		20.8	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	24.00	24.04	23.90	25.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	23.96	23.97	23.98	25.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	24.13	24.05	24.01	25.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	23.88	24.05	23.81	25.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	24.05	24.12	23.98	25.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	23.98	23.92	23.94	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.46	20.56	20.55	22.3	0.0
100	PI/2 BPSK	1	137	21.41	21.42	21.34		
100	PI/2 BPSK	1	271	20.51	20.60	20.54		
100	PI/2 BPSK	135	0	20.97	21.03	20.95	21.8	0.5
100	PI/2 BPSK	135	69	21.22	21.28	21.26	22.3	0.0
100	PI/2 BPSK	135	138	21.07	21.09	20.97	21.8	0.5
100	PI/2 BPSK	270	0	21.00	21.03	20.98		
100	QPSK	1	1	20.55	20.60	20.54	22.3	0.0
100	QPSK	1	137	21.11	21.45	21.33		
100	QPSK	1	271	20.47	20.59	20.50		
100	QPSK	135	0	20.87	20.96	20.89	22.3	0.0
100	QPSK	135	69	21.01	21.22	21.21		
100	QPSK	135	138	20.97	21.00	20.90		
100	QPSK	270	0	20.88	20.98	20.92	21.3	1.0
100	16QAM	1	137	20.24	20.36	20.31	21.3	1.0
100	64QAM	1	137	19.67	19.72	19.69	19.8	2.5
100	256QAM	1	137	16.27	16.36	16.33	17.8	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	20.45	20.65	20.63	22.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	20.67	20.48	20.59	22.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	20.41	20.74	20.49	22.3	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	20.51	20.67	20.56	22.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.62	20.56	20.67	22.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	20.57	20.68	20.60	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.02	24.01	24.02	25.3	0.0
100	PI/2 BPSK	1	137	24.73	24.97	24.98		
100	PI/2 BPSK	1	271	24.14	24.21	24.01		
100	PI/2 BPSK	135	0	24.33	24.28	24.30	24.8	0.5
100	PI/2 BPSK	135	69	24.83	24.95	24.91	25.3	0.0
100	PI/2 BPSK	135	138	24.08	24.22	24.26	24.8	0.5
100	PI/2 BPSK	270	0	24.36	24.36	24.21		
100	QPSK	1	1	24.14	24.15	24.20	25.3	0.0
100	QPSK	1	137	24.83	25.13	25.03		
100	QPSK	1	271	24.16	24.17	24.22		
100	QPSK	135	0	24.11	24.10	24.18	25.3	0.0
100	QPSK	135	69	24.95	25.08	24.98		
100	QPSK	135	138	24.11	24.14	24.17		
100	QPSK	270	0	23.64	23.87	23.81	24.3	1.0
100	16QAM	1	137	23.48	23.60	23.59	24.3	1.0
100	64QAM	1	137	21.97	22.02	21.85	22.8	2.5
100	256QAM	1	137	19.73	19.91	19.83	20.8	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	24.67	24.51	24.62	25.3	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	24.70	24.51	24.60	25.3	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	24.56	24.51	24.62	25.3	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	24.79	24.53	24.71	25.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.76	24.74	24.64	25.3	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	24.54	24.76	24.74	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.11		17.0	0.0
100	PI/2 BPSK	1	137		16.09			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		16.11		17.0	0.0
100	PI/2 BPSK	135	69		16.12		17.0	0.0
100	PI/2 BPSK	135	138		16.10		17.0	0.0
100	PI/2 BPSK	270	0		16.16			
100	QPSK	1	1		16.09		17.0	0.0
100	QPSK	1	137		16.18			
100	QPSK	1	271		16.13			
100	QPSK	135	0		16.11		17.0	0.0
100	QPSK	135	69		16.13			
100	QPSK	135	138		16.05			
100	QPSK	270	0		16.10		17.0	0.0
100	16QAM	1	137		16.12		17.0	0.0
100	64QAM	1	137		16.05		17.0	0.0
100	256QAM	1	137		16.08		16.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.07	16.10	16.00	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.05	16.16	16.03	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.10	16.09	16.02	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.07	16.14	16.03	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.09	16.14	16.02	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.07	16.11	16.05	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.67		20.0	0.0
100	PI/2 BPSK	1	137		19.69			
100	PI/2 BPSK	1	271		19.62			
100	PI/2 BPSK	135	0		19.68		20.0	0.0
100	PI/2 BPSK	135	69		19.66		20.0	0.0
100	PI/2 BPSK	135	138		19.70		20.0	0.0
100	PI/2 BPSK	270	0		19.68			
100	QPSK	1	1		19.64		20.0	0.0
100	QPSK	1	137		19.77			
100	QPSK	1	271		19.65			
100	QPSK	135	0		19.60		20.0	0.0
100	QPSK	135	69		19.65			
100	QPSK	135	138		19.58			
100	QPSK	270	0		19.61		20.0	0.0
100	16QAM	1	137		19.56		20.0	0.0
100	64QAM	1	137		19.52		20.0	0.0
100	256QAM	1	137		18.53		19.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	19.54	19.62	19.53	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	19.55	19.64	19.55	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	19.66	19.62	19.57	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	19.58	19.68	19.55	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	19.60	19.64	19.56	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	19.57	19.64	19.58	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.09	16.04	16.00	17.0	0.0
100	PI/2 BPSK	1	137	16.02	16.09	16.03		
100	PI/2 BPSK	1	271	16.04	16.06	16.04		
100	PI/2 BPSK	135	0	16.04	16.06	15.99	17.0	0.0
100	PI/2 BPSK	135	69	16.07	16.09	15.98	17.0	0.0
100	PI/2 BPSK	135	138	16.00	16.09	16.00	17.0	0.0
100	PI/2 BPSK	270	0	16.07	16.04	16.03		
100	QPSK	1	1	16.04	16.06	16.02	17.0	0.0
100	QPSK	1	137	16.10	16.12	16.08		
100	QPSK	1	271	16.01	16.01	15.98		
100	QPSK	135	0	15.98	16.06	15.96	17.0	0.0
100	QPSK	135	69	16.03	16.08	16.00		
100	QPSK	135	138	15.99	15.99	15.96		
100	QPSK	270	0	15.93	16.03	15.91	17.0	0.0
100	16QAM	1	137	16.10	16.07	16.02	17.0	0.0
100	64QAM	1	137	16.08	16.11	16.00	17.0	0.0
100	256QAM	1	137	15.59	15.58	15.56	16.5	0.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	16.04	16.04	16.06	17.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	16.10	16.09	15.99	17.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	16.10	16.05	16.04	17.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	16.03	16.05	15.99	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.05	16.01	16.05	17.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	16.03	16.02	16.08	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.66	19.71	19.61	20.0	0.0
100	PI/2 BPSK	1	137	19.63	19.69	19.54		
100	PI/2 BPSK	1	271	19.62	19.71	19.60		
100	PI/2 BPSK	135	0	19.59	19.70	19.53	19.5	0.5
100	PI/2 BPSK	135	69	19.61	19.73	19.55	20.0	0.0
100	PI/2 BPSK	135	138	19.61	19.72	19.58	19.5	0.5
100	PI/2 BPSK	270	0	19.69	19.65	19.57		
100	QPSK	1	1	19.66	19.69	19.57	20.0	0.0
100	QPSK	1	137	19.68	19.74	19.63		
100	QPSK	1	271	19.52	19.60	19.51		
100	QPSK	135	0	19.60	19.60	19.50	20.0	0.0
100	QPSK	135	69	19.63	19.68	19.58		
100	QPSK	135	138	19.54	19.64	19.53		
100	QPSK	270	0	19.48	19.61	19.45	19.0	1.0
100	16QAM	1	137	19.64	19.68	19.55	19.0	1.0
100	64QAM	1	137	19.62	19.68	19.57	17.5	2.5
100	256QAM	1	137	19.61	19.70	19.59	15.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	19.62	19.71	19.51	20.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	19.65	19.67	19.62	20.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	19.56	19.69	19.60	20.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	19.60	19.68	19.52	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.63	19.68	19.61	20.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	19.64	19.66	19.64	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.34		18.0	0.0
100	PI/2 BPSK	1	137		17.39			
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.40		18.0	0.0
100	PI/2 BPSK	135	69		17.41		18.0	0.0
100	PI/2 BPSK	135	138		17.37		18.0	0.0
100	PI/2 BPSK	270	0		17.37			
100	QPSK	1	1		17.36		18.0	0.0
100	QPSK	1	137		17.43			
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.35		18.0	0.0
100	QPSK	135	69		17.37			
100	QPSK	135	138		17.31			
100	QPSK	270	0		17.33		18.0	0.0
100	16QAM	1	137		17.35		18.0	0.0
100	64QAM	1	137		17.37		18.0	0.0
100	256QAM	1	137		17.39		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.28	17.35	17.24	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.28	17.37	17.35	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.33	17.37	17.28	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.35	17.35	17.34	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.35	17.42	17.29	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.31	17.38	17.28	18.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	17.30	17.34	17.30	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	17.33	17.36	17.25	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.78		21.0	0.0
100	PI/2 BPSK	1	137		20.72			
100	PI/2 BPSK	1	271		20.73			
100	PI/2 BPSK	135	0		20.80		21.0	0.0
100	PI/2 BPSK	135	69		20.81		21.0	0.0
100	PI/2 BPSK	135	138		20.78		21.0	0.0
100	PI/2 BPSK	270	0		20.73			
100	QPSK	1	1		20.75		21.0	0.0
100	QPSK	1	137		20.83			
100	QPSK	1	271		20.78			
100	QPSK	135	0		20.68		21.0	0.0
100	QPSK	135	69		20.71			
100	QPSK	135	138		20.65			
100	QPSK	270	0		20.68		21.0	0.0
100	16QAM	1	137		20.62		21.0	0.0
100	64QAM	1	137		20.65		21.0	0.0
100	256QAM	1	137		20.60		21.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.71	20.75	20.67	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.73	20.80	20.69	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.72	20.80	20.68	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.66	20.75	20.66	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.66	20.79	20.71	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.76	20.73	20.73	21.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.70	20.76	20.69	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.76	20.77	20.68	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.99		18.0	0.0
100	PI/2 BPSK	1	137		16.98			
100	PI/2 BPSK	1	271		16.93			
100	PI/2 BPSK	135	0		17.01		18.0	0.0
100	PI/2 BPSK	135	69		17.02		18.0	0.0
100	PI/2 BPSK	135	138		17.02		18.0	0.0
100	PI/2 BPSK	270	0		16.97			
100	QPSK	1	1		16.97		18.0	0.0
100	QPSK	1	137		17.03			
100	QPSK	1	271		16.97			
100	QPSK	135	0		16.93		18.0	0.0
100	QPSK	135	69		16.95			
100	QPSK	135	138		16.89			
100	QPSK	270	0		16.91		18.0	0.0
100	16QAM	1	137		17.02		18.0	0.0
100	64QAM	1	137		17.01		18.0	0.0
100	256QAM	1	137		16.96		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	16.94	17.02	16.92	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	16.93	16.98	16.92	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	16.90	17.02	16.90	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	16.92	16.96	16.89	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	16.98	16.98	16.93	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.96	16.96	16.85	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	16.89	16.97	16.83	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	16.93	16.95	16.91	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.33		21.0	0.0
100	PI/2 BPSK	1	137		20.32			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		20.41		21.0	0.0
100	PI/2 BPSK	135	69		20.34		21.0	0.0
100	PI/2 BPSK	135	138		20.41		21.0	0.0
100	PI/2 BPSK	270	0		20.33			
100	QPSK	1	1		20.38		21.0	0.0
100	QPSK	1	137		20.42			
100	QPSK	1	271		20.38			
100	QPSK	135	0		20.30		21.0	0.0
100	QPSK	135	69		20.32			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.26		21.0	0.0
100	16QAM	1	137		20.20		21.0	0.0
100	64QAM	1	137		20.18		21.0	0.0
100	256QAM	1	137		20.13		21.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	20.28	20.32	20.26	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	20.30	20.41	20.26	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.32	20.35	20.29	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	20.25	20.39	20.23	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	20.26	20.35	20.25	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.27	20.36	20.32	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	20.27	20.40	20.24	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	20.28	20.38	20.31	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.07		15.0	0.0
100	PI/2 BPSK	1	137		14.07			
100	PI/2 BPSK	1	271		14.04			
100	PI/2 BPSK	135	0		14.11		15.0	0.0
100	PI/2 BPSK	135	69		14.06		15.0	0.0
100	PI/2 BPSK	135	138		14.06		15.0	0.0
100	PI/2 BPSK	270	0		14.05			
100	QPSK	1	1		14.05		15.0	0.0
100	QPSK	1	137		14.12			
100	QPSK	1	271		14.07			
100	QPSK	135	0		14.05		15.0	0.0
100	QPSK	135	69		14.07			
100	QPSK	135	138		14.01			
100	QPSK	270	0		14.03		15.0	0.0
100	16QAM	1	137		14.08		15.0	0.0
100	64QAM	1	137		14.08		15.0	0.0
100	256QAM	1	137		14.03		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	13.97	14.10	14.02	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.01	14.05	13.92	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.05	14.11	13.95	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.00	14.10	13.97	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.05	14.00	13.98	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.05	14.07	13.93	15.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.03	14.06	13.96	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.01	14.09	14.01	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.92		18.0	0.0
100	PI/2 BPSK	1	137		17.91			
100	PI/2 BPSK	1	271		17.88			
100	PI/2 BPSK	135	0		17.92		18.0	0.0
100	PI/2 BPSK	135	69		17.88		18.0	0.0
100	PI/2 BPSK	135	138		17.91		18.0	0.0
100	PI/2 BPSK	270	0		17.92			
100	QPSK	1	1		17.88		18.0	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.85		18.0	0.0
100	QPSK	135	69		17.89			
100	QPSK	135	138		17.81			
100	QPSK	270	0		17.84		18.0	0.0
100	16QAM	1	137		17.80		18.0	0.0
100	64QAM	1	137		17.78		18.0	0.0
100	256QAM	1	137		17.82		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.86	17.91	17.81	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.84	17.92	17.85	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	17.82	17.85	17.86	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.92	17.88	17.82	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.81	17.88	17.86	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.86	17.88	17.83	18.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.84	17.89	17.81	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.86	17.91	17.85	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.03		15.0	0.0
100	PI/2 BPSK	1	137		14.05			
100	PI/2 BPSK	1	271		14.05			
100	PI/2 BPSK	135	0		14.08		15.0	0.0
100	PI/2 BPSK	135	69		14.04		15.0	0.0
100	PI/2 BPSK	135	138		14.09		15.0	0.0
100	PI/2 BPSK	270	0		14.11			
100	QPSK	1	1		14.03		15.0	0.0
100	QPSK	1	137		14.12			
100	QPSK	1	271		14.10			
100	QPSK	135	0		14.05		15.0	0.0
100	QPSK	135	69		14.08			
100	QPSK	135	138		14.00			
100	QPSK	270	0		14.03		15.0	0.0
100	16QAM	1	137		14.05		15.0	0.0
100	64QAM	1	137		14.02		15.0	0.0
100	256QAM	1	137		14.01		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	14.04	14.11	13.93	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	13.96	14.05	13.94	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	14.04	14.08	13.98	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.00	14.07	14.02	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	14.00	14.04	13.95	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	14.05	14.04	13.95	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	13.97	14.10	13.99	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	14.07	14.08	13.93	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.91		18.0	0.0
100	PI/2 BPSK	1	137		17.90			
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.85		18.0	0.0
100	PI/2 BPSK	135	69		17.85		18.0	0.0
100	PI/2 BPSK	135	138		17.84		18.0	0.0
100	PI/2 BPSK	270	0		17.90			
100	QPSK	1	1		17.85		18.0	0.0
100	QPSK	1	137		17.93			
100	QPSK	1	271		17.88			
100	QPSK	135	0		17.83		18.0	0.0
100	QPSK	135	69		17.88			
100	QPSK	135	138		17.80			
100	QPSK	270	0		17.83		18.0	0.0
100	16QAM	1	137		17.85		18.0	0.0
100	64QAM	1	137		17.78		18.0	0.0
100	256QAM	1	137		17.83		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	17.82	17.90	17.83	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	17.84	17.89	17.79	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.85	17.88	17.77	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	17.88	17.81	17.78	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	17.79	17.87	17.75	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.77	17.83	17.74	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	17.84	17.91	17.76	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	17.78	17.86	17.78	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.48		22.3	0.0
100	PI/2 BPSK	1	137		21.40			
100	PI/2 BPSK	1	271		20.55			
100	PI/2 BPSK	135	0		21.05		22.3	0.0
100	PI/2 BPSK	135	69		21.34		22.3	0.0
100	PI/2 BPSK	135	138		21.05		22.3	0.0
100	PI/2 BPSK	270	0		21.07			
100	QPSK	1	1		20.45		22.3	0.0
100	QPSK	1	137		21.41			
100	QPSK	1	271		20.51			
100	QPSK	135	0		21.01		22.3	0.0
100	QPSK	135	69		21.25			
100	QPSK	135	138		21.03			
100	QPSK	270	0		21.02		22.3	0.0
100	16QAM	1	137		20.74		22.3	0.0
100	64QAM	1	137		20.75		22.3	0.0
100	256QAM	1	137		19.51		20.8	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	21.17	21.09	21.26	22.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	21.31	21.14	21.15	22.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	21.14	21.06	21.29	22.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	21.19	21.05	21.36	22.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	21.26	21.16	21.21	22.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	21.03	21.10	21.36	22.3	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	21.16	21.19	21.40	22.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	21.23	21.07	21.30	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.74		25.3	0.0
100	PI/2 BPSK	1	137		24.36			
100	PI/2 BPSK	1	271		23.94			
100	PI/2 BPSK	135	0		23.85		24.8	0.5
100	PI/2 BPSK	135	69		24.33		25.3	0.0
100	PI/2 BPSK	135	138		24.01		24.8	0.5
100	PI/2 BPSK	270	0		23.92			
100	QPSK	1	1		23.71		25.3	0.0
100	QPSK	1	137		24.40			
100	QPSK	1	271		23.88			
100	QPSK	135	0		23.62		25.3	0.0
100	QPSK	135	69		24.37			
100	QPSK	135	138		23.58			
100	QPSK	270	0		23.42		24.3	1.0
100	16QAM	1	137		23.20		24.3	1.0
100	64QAM	1	137		21.59		22.8	2.5
100	256QAM	1	137		19.61		20.8	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.96	23.90	23.98	25.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	24.09	23.77	24.07	25.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	23.93	24.01	23.84	25.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.93	24.01	23.91	25.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	24.10	24.01	23.83	25.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.92	24.01	23.93	25.3	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	24.02	23.86	23.83	25.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	24.09	23.98	23.91	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.36		22.3	0.0
100	PI/2 BPSK	1	137		21.14			
100	PI/2 BPSK	1	271		20.38			
100	PI/2 BPSK	135	0		20.90		22.3	0.0
100	PI/2 BPSK	135	69		21.09		22.3	0.0
100	PI/2 BPSK	135	138		20.91		22.3	0.0
100	PI/2 BPSK	270	0		20.90			
100	QPSK	1	1		20.38		22.3	0.0
100	QPSK	1	137		21.20			
100	QPSK	1	271		20.41			
100	QPSK	135	0		20.80		22.3	0.0
100	QPSK	135	69		21.04			
100	QPSK	135	138		20.91			
100	QPSK	270	0		20.81		22.3	0.0
100	16QAM	1	137		20.38		22.3	0.0
100	64QAM	1	137		20.47		22.3	0.0
100	256QAM	1	137		19.31		20.8	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	20.73	20.78	21.02	22.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	20.82	20.79	20.89	22.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.77	20.84	20.88	22.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	20.68	20.82	21.06	22.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	20.80	20.72	21.16	22.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.63	20.64	21.08	22.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	20.61	20.89	21.03	22.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	20.59	20.77	21.17	22.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.73		25.3	0.0
100	PI/2 BPSK	1	137		24.50			
100	PI/2 BPSK	1	271		23.92			
100	PI/2 BPSK	135	0		23.85		24.8	0.5
100	PI/2 BPSK	135	69		24.50		25.3	0.0
100	PI/2 BPSK	135	138		24.02		24.8	0.5
100	PI/2 BPSK	270	0		23.96			
100	QPSK	1	1		23.64		25.3	0.0
100	QPSK	1	137		24.57			
100	QPSK	1	271		23.78			
100	QPSK	135	0		23.56		25.3	0.0
100	QPSK	135	69		24.54			
100	QPSK	135	138		23.61			
100	QPSK	270	0		23.50		24.3	1.0
100	16QAM	1	137		23.12		24.3	1.0
100	64QAM	1	137		21.56		22.8	2.5
100	256QAM	1	137		19.56		20.8	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	24.37	24.34	24.32	25.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	24.39	24.21	24.18	25.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.37	24.35	24.30	25.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	24.49	24.42	24.22	25.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	24.48	24.29	24.30	25.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.28	24.25	24.28	25.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	24.49	24.26	24.33	25.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	24.23	24.22	24.27	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.09		17.0	0.0
100	PI/2 BPSK	1	137		16.14			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		16.08		17.0	0.0
100	PI/2 BPSK	135	69		16.10		17.0	0.0
100	PI/2 BPSK	135	138		16.13		17.0	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.12		17.0	0.0
100	QPSK	1	137		16.15			
100	QPSK	1	271		16.03			
100	QPSK	135	0		16.10		17.0	0.0
100	QPSK	135	69		16.12			
100	QPSK	135	138		16.05			
100	QPSK	270	0		16.09		17.0	0.0
100	16QAM	1	137		16.10		17.0	0.0
100	64QAM	1	137		16.08		17.0	0.0
100	256QAM	1	137		15.59		16.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.06	16.11	16.07	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.01	16.10	16.02	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	16.09	16.08	16.06	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.06	16.07	16.00	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.03	16.11	16.04	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.05	16.06	16.05	17.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	16.11	16.14	16.00	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.04	16.07	16.05	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.65		20.0	0.0
100	PI/2 BPSK	1	137		19.66			
100	PI/2 BPSK	1	271		19.63			
100	PI/2 BPSK	135	0		19.62		20.0	0.0
100	PI/2 BPSK	135	69		19.66		20.0	0.0
100	PI/2 BPSK	135	138		19.67		20.0	0.0
100	PI/2 BPSK	270	0		19.68			
100	QPSK	1	1		19.63		20.0	0.0
100	QPSK	1	137		19.73			
100	QPSK	1	271		19.65			
100	QPSK	135	0		19.63		20.0	0.0
100	QPSK	135	69		19.70			
100	QPSK	135	138		19.62			
100	QPSK	270	0		19.68		20.0	0.0
100	16QAM	1	137		19.66		20.0	0.0
100	64QAM	1	137		19.69		20.0	0.0
100	256QAM	1	137		19.21		19.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	19.64	19.67	19.58	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	19.58	19.70	19.56	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	19.60	19.70	19.60	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	19.65	19.72	19.58	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	19.63	19.68	19.57	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	19.63	19.70	19.64	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	19.59	19.65	19.64	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	19.63	19.68	19.58	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.90		17.0	0.0
100	PI/2 BPSK	1	137		15.88			
100	PI/2 BPSK	1	271		15.81			
100	PI/2 BPSK	135	0		15.83		17.0	0.0
100	PI/2 BPSK	135	69		15.86		17.0	0.0
100	PI/2 BPSK	135	138		15.81		17.0	0.0
100	PI/2 BPSK	270	0		15.91			
100	QPSK	1	1		15.88		17.0	0.0
100	QPSK	1	137		15.92			
100	QPSK	1	271		15.90			
100	QPSK	135	0		15.85		17.0	0.0
100	QPSK	135	69		15.89			
100	QPSK	135	138		15.81			
100	QPSK	270	0		15.86		17.0	0.0
100	16QAM	1	137		15.85		17.0	0.0
100	64QAM	1	137		15.90		17.0	0.0
100	256QAM	1	137		15.36		16.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.80	15.84	15.77	17.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.87	15.86	15.82	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.83	15.88	15.81	17.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.83	15.86	15.79	17.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.81	15.87	15.82	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.82	15.86	15.78	17.0	0.0
Channel				647608	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.88	15.83	15.80	17.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.88	15.82	15.83	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.46		20.0	0.0
100	PI/2 BPSK	1	137		19.46			
100	PI/2 BPSK	1	271		19.50			
100	PI/2 BPSK	135	0		19.47		20.0	0.0
100	PI/2 BPSK	135	69		19.50		20.0	0.0
100	PI/2 BPSK	135	138		19.52		20.0	0.0
100	PI/2 BPSK	270	0		19.46			
100	QPSK	1	1		19.44		20.0	0.0
100	QPSK	1	137		19.53			
100	QPSK	1	271		19.45			
100	QPSK	135	0		19.42		20.0	0.0
100	QPSK	135	69		19.48			
100	QPSK	135	138		19.40			
100	QPSK	270	0		19.43		20.0	0.0
100	16QAM	1	137		19.49		20.0	0.0
100	64QAM	1	137		19.47		20.0	0.0
100	256QAM	1	137		18.94		19.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.46	19.47	19.39	20.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.40	19.51	19.39	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.43	19.49	19.35	20.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.43	19.48	19.42	20.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.42	19.41	19.36	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.40	19.42	19.45	20.0	0.0
Channel				647608	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.36	19.47	19.37	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.44	19.51	19.35	20.0	0.0

Reduced Power Mode for DSI4

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.70	24.67	24.67		
20	PI/2 BPSK	1	53	24.82	24.71	24.82	25.5	0.0
20	PI/2 BPSK	1	104	24.68	24.68	24.65		
20	PI/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	PI/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	PI/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61		
20	QPSK	1	53	24.78	24.83	24.81	25.5	0.0
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.76	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.17	23.27	23.09		
20	PI/2 BPSK	1	53	23.24	23.27	23.06	24.0	0.0
20	PI/2 BPSK	1	104	23.22	23.29	23.12		
20	PI/2 BPSK	50	0	23.16	23.34	23.06	24.0	0.0
20	PI/2 BPSK	50	28	23.22	23.27	23.04	24.0	0.0
20	PI/2 BPSK	50	56	23.24	23.32	23.12	24.0	0.0
20	PI/2 BPSK	100	0	23.18	23.30	22.99		
20	QPSK	1	1	23.16	23.30	23.09		
20	QPSK	1	53	23.25	23.35	23.11	24.0	0.0
20	QPSK	1	104	23.14	23.28	23.08		
20	QPSK	50	0	23.21	23.31	23.07	24.0	0.0
20	QPSK	50	28	23.23	23.33	23.10	24.0	0.0
20	QPSK	50	56	23.18	23.30	23.04	24.0	0.0
20	QPSK	100	0	23.15	23.28	23.02		
20	16QAM	1	53	23.16	23.29	23.02	24.0	0.0
20	64QAM	1	53	22.01	22.15	22.04	23.0	1.0
20	256QAM	1	53	20.64	20.62	20.67	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.17	23.24	23.02	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.19	23.22	23.01	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.11	23.27	23.00	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46	21.5	0.0
50	PI/2 BPSK	1	135	20.56	20.67	20.50		
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31	21.5	0.0
50	QPSK	1	135	20.70	20.73	20.63		
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.69	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.49	16.63	16.54	17.5	0.0
50	PI/2 BPSK	1	135	16.53	16.62	16.47		
50	PI/2 BPSK	1	268	16.48	16.65	16.48		
50	PI/2 BPSK	135	0	16.49	16.62	16.49	17.5	0.0
50	PI/2 BPSK	135	68	16.51	16.66	16.50	17.5	0.0
50	PI/2 BPSK	135	135	16.51	16.67	16.51	17.5	0.0
50	PI/2 BPSK	270	0	16.56	16.60	16.48		
50	QPSK	1	1	16.56	16.64	16.49	17.5	0.0
50	QPSK	1	135	16.58	16.69	16.55		
50	QPSK	1	268	16.57	16.66	16.45		
50	QPSK	135	0	16.51	16.61	16.50	17.5	0.0
50	QPSK	135	68	16.56	16.64	16.53	17.5	0.0
50	QPSK	135	135	16.51	16.61	16.50	17.5	0.0
50	QPSK	270	0	16.48	16.62	16.43		
50	16QAM	1	135	16.51	16.68	16.44	17.5	0.0
50	64QAM	1	135	16.53	16.68	16.46	17.5	0.0
50	256QAM	1	135	16.55	16.63	16.51	17.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	16.53	16.64	16.48	17.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	16.53	16.66	16.48	17.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	16.55	16.63	16.55	17.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	16.55	16.61	16.51	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	16.51	16.66	16.51	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	16.51	16.64	16.46	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	16.51	16.63	16.49	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.81	19.88	19.90	20.5	0.0
50	PI/2 BPSK	1	135	19.82	19.89	19.86		
50	PI/2 BPSK	1	268	19.82	19.86	19.92		
50	PI/2 BPSK	135	0	19.84	19.91	19.88	20.5	0.0
50	PI/2 BPSK	135	68	19.85	19.96	19.88	20.5	0.0
50	PI/2 BPSK	135	135	19.86	19.91	19.88	20.5	0.0
50	PI/2 BPSK	270	0	19.86	19.93	19.87		
50	QPSK	1	1	19.81	19.95	19.89	20.5	0.0
50	QPSK	1	135	19.89	19.97	19.93		
50	QPSK	1	268	19.84	19.93	19.86		
50	QPSK	135	0	19.81	19.89	19.84	20.5	0.0
50	QPSK	135	68	19.85	19.93	19.89	20.5	0.0
50	QPSK	135	135	19.79	19.90	19.81	20.5	0.0
50	QPSK	270	0	19.75	19.88	19.73		
50	16QAM	1	135	19.84	19.93	19.89	20.5	0.0
50	64QAM	1	135	19.88	19.92	19.86	20.5	0.0
50	256QAM	1	135	18.90	19.00	18.90	19.5	1.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	19.87	19.92	19.85	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	19.83	19.89	19.89	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	19.83	19.91	19.91	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	19.83	19.85	19.89	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	19.86	19.89	19.81	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	19.89	19.92	19.85	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	19.80	19.95	19.86	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.26	17.33	17.23	18.0	0.0
50	PI/2 BPSK	1	135	17.29	17.37	17.18		
50	PI/2 BPSK	1	268	17.24	17.36	17.20		
50	PI/2 BPSK	135	0	17.23	17.35	17.21	18.0	0.0
50	PI/2 BPSK	135	68	17.21	17.36	17.16	18.0	0.0
50	PI/2 BPSK	135	135	17.32	17.35	17.22	18.0	0.0
50	PI/2 BPSK	270	0	17.25	17.29	17.22		
50	QPSK	1	1	17.28	17.35	17.18	18.0	0.0
50	QPSK	1	135	17.32	17.40	17.23		
50	QPSK	1	268	17.20	17.34	17.16		
50	QPSK	135	0	17.24	17.33	17.16	18.0	0.0
50	QPSK	135	68	17.27	17.38	17.20	18.0	0.0
50	QPSK	135	135	17.19	17.30	17.11	18.0	0.0
50	QPSK	270	0	17.30	17.34	17.07		
50	16QAM	1	135	17.26	17.34	17.15	18.0	0.0
50	64QAM	1	135	17.27	17.31	17.23	18.0	0.0
50	256QAM	1	135	17.23	17.33	17.17	18.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	17.27	17.32	17.19	18.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	17.27	17.32	17.16	18.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	17.28	17.34	17.18	18.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	17.22	17.35	17.13	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	17.27	17.36	17.18	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	17.25	17.36	17.16	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	17.26	17.39	17.14	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.60	20.61	20.54	22.0	0.0
40	PI/2 BPSK	1	108	21.15	21.21	21.20		
40	PI/2 BPSK	1	214	20.55	20.58	20.56		
40	PI/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	PI/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	PI/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	PI/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40	22.0	0.0
40	QPSK	1	108	21.14	21.22	21.19		
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.55	17.66	17.66	18.5	0.0
40	PI/2 BPSK	1	108	17.56	17.64	17.61		
40	PI/2 BPSK	1	214	17.56	17.63	17.58		
40	PI/2 BPSK	108	0	17.58	17.58	17.58	18.5	0.0
40	PI/2 BPSK	108	54	17.55	17.61	17.58	18.5	0.0
40	PI/2 BPSK	108	108	17.55	17.63	17.62	18.5	0.0
40	PI/2 BPSK	216	0	17.51	17.64	17.58		
40	QPSK	1	1	17.53	17.63	17.61	18.5	0.0
40	QPSK	1	108	17.60	17.70	17.67		
40	QPSK	1	214	17.53	17.58	17.65		
40	QPSK	108	0	17.48	17.64	17.62	18.5	0.0
40	QPSK	108	54	17.56	17.68	17.65	18.5	0.0
40	QPSK	108	108	17.52	17.64	17.55	18.5	0.0
40	QPSK	216	0	17.48	17.64	17.43		
40	16QAM	1	108	17.53	17.64	17.58	18.5	0.0
40	64QAM	1	108	17.53	17.66	17.58	18.5	0.0
40	256QAM	1	108	17.56	17.66	17.65	18.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	17.52	17.60	17.63	18.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	17.58	17.65	17.56	18.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	17.53	17.63	17.61	18.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	17.52	17.64	17.57	18.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	17.53	17.63	17.57	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.70	20.78	20.77	21.2	0.0
40	PI/2 BPSK	1	108	20.66	20.80	20.80		
40	PI/2 BPSK	1	214	20.68	20.83	20.80		
40	PI/2 BPSK	108	0	20.64	20.80	20.72	21.2	0.0
40	PI/2 BPSK	108	54	20.70	20.83	20.80	21.2	0.0
40	PI/2 BPSK	108	108	20.61	20.85	20.81	21.2	0.0
40	PI/2 BPSK	216	0	20.63	20.83	20.73		
40	QPSK	1	1	20.64	20.87	20.80	21.2	0.0
40	QPSK	1	108	20.72	20.88	20.83		
40	QPSK	1	214	20.65	20.83	20.80		
40	QPSK	108	0	20.62	20.77	20.68	21.2	0.0
40	QPSK	108	54	20.68	20.83	20.76	21.2	0.0
40	QPSK	108	108	20.64	20.81	20.72	21.2	0.0
40	QPSK	216	0	20.60	20.78	20.63		
40	16QAM	1	108	20.62	20.82	20.79	21.2	0.0
40	64QAM	1	108	20.63	20.78	20.81	21.2	0.0
40	256QAM	1	108	19.46	19.52	19.43	19.7	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	20.60	20.84	20.77	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	20.67	20.85	20.80	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	20.68	20.87	20.79	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	20.60	20.79	20.75	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	20.67	20.86	20.76	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	PI/2 BPSK	1	1	21.50	21.58	21.53	22.7	0.0
40	PI/2 BPSK	1	108	21.55	21.61	21.58		
40	PI/2 BPSK	1	214	21.52	21.65	21.54		
40	PI/2 BPSK	108	0	21.51	21.64	21.60	22.7	0.0
40	PI/2 BPSK	108	54	21.47	21.60	21.65	22.7	0.0
40	PI/2 BPSK	108	108	21.52	21.62	21.61	22.7	0.0
40	PI/2 BPSK	216	0	21.52	21.61	21.57		
40	QPSK	1	1	21.57	21.63	21.56	22.7	0.0
40	QPSK	1	108	21.58	21.69	21.64		
40	QPSK	1	214	21.51	21.63	21.58		
40	QPSK	108	0	21.48	21.65	21.51	22.7	0.0
40	QPSK	108	54	21.55	21.66	21.58	22.7	0.0
40	QPSK	108	108	21.48	21.64	21.55	22.7	0.0
40	QPSK	216	0	21.43	21.62	21.50		
40	16QAM	1	108	21.48	21.64	21.61	22.7	0.0
40	64QAM	1	108	20.36	20.45	20.41	21.7	1.0
40	256QAM	1	108	18.94	19.02	19.01	19.7	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.50	21.60	21.58	22.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.54	21.60	21.55	22.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.48	21.68	21.57	22.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.51	21.65	21.57	22.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.58	21.63	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27	21.5	0.0
40	PI/2 BPSK	1	53	20.91	20.93	20.90		
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12	21.5	0.0
40	QPSK	1	53	20.88	20.98	20.88		
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55	21.5	0.0
40	QPSK	50	28	20.46	20.48	20.44		
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.11	17.24	17.19	18.0	0.0
40	PI/2 BPSK	1	53	17.13	17.27	17.12		
40	PI/2 BPSK	1	104	17.08	17.17	17.11		
40	PI/2 BPSK	50	0	17.12	17.21	17.15	18.0	0.0
40	PI/2 BPSK	50	28	17.10	17.17	17.14	18.0	0.0
40	PI/2 BPSK	50	56	17.15	17.21	17.18	18.0	0.0
40	PI/2 BPSK	100	0	17.09	17.21	17.10		
40	QPSK	1	1	17.06	17.21	17.13	18.0	0.0
40	QPSK	1	53	17.15	17.28	17.20		
40	QPSK	1	104	17.09	17.19	17.18		
40	QPSK	50	0	17.06	17.19	17.06	18.0	0.0
40	QPSK	50	28	17.11	17.25	17.16		
40	QPSK	50	56	17.09	17.19	17.10		
40	QPSK	100	0	17.05	17.22	17.03	18.0	0.0
40	16QAM	1	53	17.07	17.26	17.19	18.0	0.0
40	64QAM	1	53	17.05	17.20	17.18	18.0	0.0
40	256QAM	1	53	17.13	17.22	17.18	18.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	17.11	17.19	17.09	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	17.10	17.25	17.10	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.92	19.98	19.93	20.5	0.0
40	PI/2 BPSK	1	53	19.83	20.01	19.95		
40	PI/2 BPSK	1	104	19.87	20.00	19.90		
40	PI/2 BPSK	50	0	19.85	19.97	19.97	20.5	0.0
40	PI/2 BPSK	50	28	19.82	19.96	19.94	20.5	0.0
40	PI/2 BPSK	50	56	19.85	20.00	19.92	20.5	0.0
40	PI/2 BPSK	100	0	19.86	19.97	19.95		
40	QPSK	1	1	19.84	19.97	19.95	20.5	0.0
40	QPSK	1	53	19.91	20.03	19.98		
40	QPSK	1	104	19.85	20.00	19.88		
40	QPSK	50	0	19.75	19.93	19.85	20.5	0.0
40	QPSK	50	28	19.85	19.98	19.92		
40	QPSK	50	56	19.81	19.95	19.91		
40	QPSK	100	0	19.78	19.93	19.80	20.5	0.0
40	16QAM	1	53	19.83	19.93	19.92	20.5	0.0
40	64QAM	1	53	19.81	19.97	19.92	20.5	0.0
40	256QAM	1	53	19.42	19.43	19.38	19.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	19.84	20.02	19.90	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	19.91	19.97	19.93	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	18.72	18.80	18.81	19.5	0.0
40	PI/2 BPSK	1	53	18.76	18.87	18.75		
40	PI/2 BPSK	1	104	18.68	18.82	18.75		
40	PI/2 BPSK	50	0	18.71	18.80	18.72	19.5	0.0
40	PI/2 BPSK	50	28	18.71	18.77	18.81	19.5	0.0
40	PI/2 BPSK	50	56	18.69	18.82	18.77	19.5	0.0
40	PI/2 BPSK	100	0	18.77	18.81	18.81		
40	QPSK	1	1	18.70	18.85	18.79	19.5	0.0
40	QPSK	1	53	18.78	18.89	18.83		
40	QPSK	1	104	18.70	18.87	18.76		
40	QPSK	50	0	18.65	18.80	18.76	19.5	0.0
40	QPSK	50	28	18.74	18.86	18.80		
40	QPSK	50	56	18.71	18.79	18.72		
40	QPSK	100	0	18.68	18.83	18.62	19.5	0.0
40	16QAM	1	53	18.74	18.84	18.79	19.5	0.0
40	64QAM	1	53	18.71	18.86	18.76	19.5	0.0
40	256QAM	1	53	18.75	18.85	18.77	19.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	18.76	18.85	18.77	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	18.74	18.87	18.75	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62	21.5	0.0
100	PI/2 BPSK	1	137	20.89	20.94	20.79		
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57	21.5	0.0
100	QPSK	1	137	20.75	21.00	20.57		
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56	21.5	0.0
100	QPSK	135	69	20.61	20.66	20.51		
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.75	20.73	20.71	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	109	20.75	20.88	20.72	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.71	20.73	20.77	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	67	20.72	20.80	20.78	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.75	20.83	20.77	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.70	20.78	20.77	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	26	20.70	20.83	20.73	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.71	16.80	16.71	17.5	0.0
100	PI/2 BPSK	1	137	16.70	16.79	16.75		
100	PI/2 BPSK	1	271	16.74	16.77	16.70		
100	PI/2 BPSK	135	0	16.75	16.79	16.71	17.5	0.0
100	PI/2 BPSK	135	69	16.73	16.73	16.79	17.5	0.0
100	PI/2 BPSK	135	138	16.72	16.78	16.73	17.5	0.0
100	PI/2 BPSK	270	0	16.74	16.76	16.78		
100	QPSK	1	1	16.73	16.73	16.72	17.5	0.0
100	QPSK	1	137	16.77	16.83	16.80		
100	QPSK	1	271	16.75	16.80	16.77		
100	QPSK	135	0	16.67	16.81	16.67	17.5	0.0
100	QPSK	135	69	16.74	16.82	16.77		
100	QPSK	135	138	16.65	16.73	16.71		
100	QPSK	270	0	16.63	16.78	16.60	17.5	0.0
100	16QAM	1	137	16.71	16.74	16.77	17.5	0.0
100	64QAM	1	137	16.66	16.79	16.76	17.5	0.0
100	256QAM	1	137	16.77	16.76	16.76	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	16.71	16.79	16.72	17.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	16.75	16.76	16.76	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	16.76	16.75	16.71	17.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	16.73	16.75	16.68	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	16.76	16.79	16.71	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	16.76	16.74	16.76	17.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	16.69	16.80	16.78	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.34	20.44	20.26	21.0	0.0
100	PI/2 BPSK	1	137	20.35	20.53	20.32		
100	PI/2 BPSK	1	271	20.38	20.54	20.27		
100	PI/2 BPSK	135	0	20.40	20.51	20.30	21.0	0.0
100	PI/2 BPSK	135	69	20.34	20.53	20.29	21.0	0.0
100	PI/2 BPSK	135	138	20.38	20.50	20.27	21.0	0.0
100	PI/2 BPSK	270	0	20.43	20.55	20.28		
100	QPSK	1	1	20.39	20.47	20.29	21.0	0.0
100	QPSK	1	137	20.44	20.56	20.34		
100	QPSK	1	271	20.41	20.49	20.32		
100	QPSK	135	0	20.33	20.50	20.23	21.0	0.0
100	QPSK	135	69	20.38	20.51	20.30		
100	QPSK	135	138	20.32	20.42	20.27		
100	QPSK	270	0	20.28	20.47	20.25	21.0	0.0
100	16QAM	1	137	20.34	20.52	20.31	21.0	0.0
100	64QAM	1	137	20.37	20.52	20.31	21.0	0.0
100	256QAM	1	137	19.18	19.21	19.12	19.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.35	20.44	20.25	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.34	20.54	20.23	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.38	20.54	20.26	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.35	20.55	20.28	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.36	20.53	20.26	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.44	20.48	20.30	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	20.37	20.52	20.26	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.31	18.31	18.09	19.0	0.0
100	PI/2 BPSK	1	137	18.23	18.33	18.07		
100	PI/2 BPSK	1	271	18.21	18.29	18.11		
100	PI/2 BPSK	135	0	18.27	18.33	18.14	19.0	0.0
100	PI/2 BPSK	135	69	18.28	18.33	18.11	19.0	0.0
100	PI/2 BPSK	135	138	18.26	18.37	18.15	19.0	0.0
100	PI/2 BPSK	270	0	18.31	18.32	18.12		
100	QPSK	1	1	18.31	18.30	18.12	19.0	0.0
100	QPSK	1	137	18.32	18.38	18.16		
100	QPSK	1	271	18.31	18.33	18.11		
100	QPSK	135	0	18.19	18.25	18.04	19.0	0.0
100	QPSK	135	69	18.28	18.33	18.11		
100	QPSK	135	138	18.21	18.29	18.07		
100	QPSK	270	0	18.18	18.27	18.05	19.0	0.0
100	16QAM	1	137	18.26	18.29	18.10	19.0	0.0
100	64QAM	1	137	18.27	18.32	18.06	19.0	0.0
100	256QAM	1	137	18.27	18.37	18.11	19.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	18.29	18.30	18.10	19.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	18.24	18.29	18.10	19.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	18.26	18.32	18.08	19.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	18.24	18.30	18.09	19.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	18.22	18.37	18.11	19.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	18.25	18.27	18.12	19.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	18.23	18.32	18.11	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.87		17.5	0.0
100	PI/2 BPSK	1	137		16.89			
100	PI/2 BPSK	1	271		16.84			
100	PI/2 BPSK	135	0		16.87		17.5	0.0
100	PI/2 BPSK	135	69		16.84		17.5	0.0
100	PI/2 BPSK	135	138		16.86		17.5	0.0
100	PI/2 BPSK	270	0		16.84			
100	QPSK	1	1		16.88		17.5	0.0
100	QPSK	1	137		16.92			
100	QPSK	1	271		16.90			
100	QPSK	135	0		16.83		17.5	0.0
100	QPSK	135	69		16.85			
100	QPSK	135	138		16.80			
100	QPSK	270	0		16.82		17.5	0.0
100	16QAM	1	137		16.80		17.5	0.0
100	64QAM	1	137		16.84		17.5	0.0
100	256QAM	1	137		16.88		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.77	16.83	16.79	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.81	16.86	16.77	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.82	16.89	16.73	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.84	16.87	16.78	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.82	16.87	16.73	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.75	16.88	16.73	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.16		20.5	0.0
100	PI/2 BPSK	1	137		20.18			
100	PI/2 BPSK	1	271		20.22			
100	PI/2 BPSK	135	0		20.15		20.5	0.0
100	PI/2 BPSK	135	69		20.17		20.5	0.0
100	PI/2 BPSK	135	138		20.21		20.5	0.0
100	PI/2 BPSK	270	0		20.22			
100	QPSK	1	1		20.17		20.5	0.0
100	QPSK	1	137		20.23			
100	QPSK	1	271		20.20			
100	QPSK	135	0		20.13		20.5	0.0
100	QPSK	135	69		20.18			
100	QPSK	135	138		20.11			
100	QPSK	270	0		20.13		20.5	0.0
100	16QAM	1	137		20.10		20.5	0.0
100	64QAM	1	137		20.14		20.5	0.0
100	256QAM	1	137		20.13		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.16	20.16	20.10	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.17	20.19	20.10	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.11	20.20	20.10	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.15	20.16	20.11	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.15	20.15	20.09	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.11	20.15	20.09	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.40	16.49	16.41	17.5	0.0
100	PI/2 BPSK	1	137	16.40	16.44	16.41		
100	PI/2 BPSK	1	271	16.34	16.43	16.36		
100	PI/2 BPSK	135	0	16.37	16.48	16.39	17.5	0.0
100	PI/2 BPSK	135	69	16.40	16.45	16.37	17.5	0.0
100	PI/2 BPSK	135	138	16.38	16.48	16.38	17.5	0.0
100	PI/2 BPSK	270	0	16.39	16.42	16.34		
100	QPSK	1	1	16.36	16.43	16.34	17.5	0.0
100	QPSK	1	137	16.45	16.50	16.41		
100	QPSK	1	271	16.44	16.43	16.39		
100	QPSK	135	0	16.31	16.35	16.32	17.5	0.0
100	QPSK	135	69	16.40	16.42	16.37		
100	QPSK	135	138	16.36	16.36	16.30		
100	QPSK	270	0	16.30	16.35	16.28	17.5	0.0
100	16QAM	1	1	16.41	16.42	16.34	17.5	0.0
100	64QAM	1	1	16.38	16.45	16.37	17.5	0.0
100	256QAM	1	1	16.40	16.46	16.36	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	16.42	16.45	16.37	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	16.41	16.38	16.36	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	16.45	16.44	16.34	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	16.37	16.41	16.36	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.42	16.45	16.35	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	16.34	16.44	16.34	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.81	19.92	19.71	20.5	0.0
100	PI/2 BPSK	1	137	19.85	19.89	19.74		
100	PI/2 BPSK	1	271	19.75	19.85	19.75		
100	PI/2 BPSK	135	0	19.80	19.94	19.72	20.5	0.0
100	PI/2 BPSK	135	69	19.81	19.92	19.73	20.5	0.0
100	PI/2 BPSK	135	138	19.81	19.89	19.71	20.5	0.0
100	PI/2 BPSK	270	0	19.77	19.91	19.70		
100	QPSK	1	1	19.74	19.90	19.75	20.5	0.0
100	QPSK	1	137	19.85	19.97	19.78		
100	QPSK	1	271	19.78	19.91	19.69		
100	QPSK	135	0	19.70	19.88	19.71	20.5	0.0
100	QPSK	135	69	19.75	19.96	19.73		
100	QPSK	135	138	19.73	19.94	19.70		
100	QPSK	270	0	19.70	19.81	19.65	20.5	0.0
100	16QAM	1	137	19.82	19.96	19.74	20.5	0.0
100	64QAM	1	137	19.80	19.95	19.73	20.5	0.0
100	256QAM	1	137	19.74	19.91	19.75	20.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	19.80	19.89	19.72	20.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	19.73	19.85	19.73	20.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	19.81	19.96	19.73	20.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	19.77	19.93	19.74	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.80	19.93	19.74	20.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	19.78	19.94	19.74	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		13.58		14.5	0.0
100	PI/2 BPSK	1	137		13.59			
100	PI/2 BPSK	1	271		13.51			
100	PI/2 BPSK	135	0		13.56		14.5	0.0
100	PI/2 BPSK	135	69		13.57		14.5	0.0
100	PI/2 BPSK	135	138		13.48		14.5	0.0
100	PI/2 BPSK	270	0		13.58			
100	QPSK	1	1		13.50		14.5	0.0
100	QPSK	1	137		13.60			
100	QPSK	1	271		13.51			
100	QPSK	135	0		13.50		14.5	0.0
100	QPSK	135	69		13.55			
100	QPSK	135	138		13.47			
100	QPSK	270	0		13.51		14.5	0.0
100	16QAM	1	137		13.58		14.5	0.0
100	64QAM	1	137		13.53		14.5	0.0
100	256QAM	1	137		13.57		14.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	13.52	13.53	13.46	14.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	13.51	13.53	13.52	14.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	13.46	13.56	13.44	14.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	13.52	13.57	13.47	14.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	13.48	13.52	13.48	14.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	13.48	13.57	13.43	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.41		17.5	0.0
100	PI/2 BPSK	1	137		17.39			
100	PI/2 BPSK	1	271		17.44			
100	PI/2 BPSK	135	0		17.36		17.5	0.0
100	PI/2 BPSK	135	69		17.37		17.5	0.0
100	PI/2 BPSK	135	138		17.40		17.5	0.0
100	PI/2 BPSK	270	0		17.41			
100	QPSK	1	1		17.40		17.5	0.0
100	QPSK	1	137		17.46			
100	QPSK	1	271		17.45			
100	QPSK	135	0		17.35		17.5	0.0
100	QPSK	135	69		17.39			
100	QPSK	135	138		17.32			
100	QPSK	270	0		17.33		17.5	0.0
100	16QAM	1	137		17.42		17.5	0.0
100	64QAM	1	137		17.42		17.5	0.0
100	256QAM	1	137		17.40		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.37	17.38	17.32	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.33	17.40	17.32	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.38	17.39	17.29	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.38	17.44	17.36	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.34	17.42	17.34	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.37	17.42	17.33	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.42	13.42	13.32	14.5	0.0
100	PI/2 BPSK	1	137	13.46	13.43	13.36		
100	PI/2 BPSK	1	271	13.40	13.43	13.31		
100	PI/2 BPSK	135	0	13.42	13.48	13.31	14.5	0.0
100	PI/2 BPSK	135	69	13.40	13.40	13.34	14.5	0.0
100	PI/2 BPSK	135	138	13.40	13.46	13.37	14.5	0.0
100	PI/2 BPSK	270	0	13.40	13.42	13.33		
100	QPSK	1	1	13.41	13.43	13.31	14.5	0.0
100	QPSK	1	137	13.46	13.51	13.41		
100	QPSK	1	271	13.43	13.47	13.37		
100	QPSK	135	0	13.34	13.36	13.29	14.5	0.0
100	QPSK	135	69	13.40	13.48	13.36		
100	QPSK	135	138	13.39	13.43	13.32		
100	QPSK	270	0	13.36	13.44	13.28	14.5	0.0
100	16QAM	1	137	13.43	13.45	13.32	14.5	0.0
100	64QAM	1	137	13.42	13.45	13.35	14.5	0.0
100	256QAM	1	137	13.40	13.47	13.35	14.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	13.38	13.45	13.36	14.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	13.44	13.44	13.39	14.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	13.45	13.44	13.36	14.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	13.44	13.46	13.38	14.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	13.45	13.49	13.33	14.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	13.40	13.40	13.36	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	17.31	17.35	17.22	17.5	0.0
100	PI/2 BPSK	1	137	17.31	17.26	17.29		
100	PI/2 BPSK	1	271	17.30	17.32	17.20		
100	PI/2 BPSK	135	0	17.29	17.35	17.18	17.5	0.0
100	PI/2 BPSK	135	69	17.32	17.29	17.26	17.5	0.0
100	PI/2 BPSK	135	138	17.27	17.30	17.28	17.5	0.0
100	PI/2 BPSK	270	0	17.29	17.34	17.24		
100	QPSK	1	1	17.26	17.29	17.17	17.5	0.0
100	QPSK	1	137	17.33	17.36	17.29		
100	QPSK	1	271	17.23	17.28	17.15		
100	QPSK	135	0	17.17	17.27	17.19	17.5	0.0
100	QPSK	135	69	17.27	17.31	17.24		
100	QPSK	135	138	17.19	17.24	17.22		
100	QPSK	270	0	17.14	17.26	17.16	17.5	0.0
100	16QAM	1	137	17.22	17.29	17.20	17.5	0.0
100	64QAM	1	137	17.28	17.29	17.22	17.5	0.0
100	256QAM	1	137	17.28	17.35	17.22	17.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	17.27	17.29	17.23	17.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	17.28	17.25	17.24	17.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	17.27	17.34	17.25	17.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	17.33	17.31	17.21	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.26	17.29	17.28	17.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	17.29	17.25	17.26	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.96		13.8	0.0
100	PI/2 BPSK	1	137		13.00			
100	PI/2 BPSK	1	271		12.96			
100	PI/2 BPSK	135	0		12.93		13.8	0.0
100	PI/2 BPSK	135	69		12.98		13.8	0.0
100	PI/2 BPSK	135	138		12.98		13.8	0.0
100	PI/2 BPSK	270	0		12.93			
100	QPSK	1	1		12.97		13.8	0.0
100	QPSK	1	137		13.01			
100	QPSK	1	271		12.64			
100	QPSK	135	0		12.66		13.8	0.0
100	QPSK	135	69		12.92			
100	QPSK	135	138		12.78			
100	QPSK	270	0		12.72		13.8	0.0
100	16QAM	1	137		11.87		13.8	0.0
100	64QAM	1	137		11.95		13.8	0.0
100	256QAM	1	137		12.23		13.8	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	12.88	12.99	12.86	13.8	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	12.85	12.96	12.83	13.8	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	12.94	12.95	12.87	13.8	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	12.92	12.99	12.88	13.8	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	12.86	12.94	12.91	13.8	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	12.92	12.96	12.84	13.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.27		16.8	0.0
100	PI/2 BPSK	1	137		16.18			
100	PI/2 BPSK	1	271		16.25			
100	PI/2 BPSK	135	0		16.26		16.8	0.0
100	PI/2 BPSK	135	69		16.26		16.8	0.0
100	PI/2 BPSK	135	138		16.25		16.8	0.0
100	PI/2 BPSK	270	0		16.19			
100	QPSK	1	1		16.19		16.8	0.0
100	QPSK	1	137		16.30			
100	QPSK	1	271		16.14			
100	QPSK	135	0		15.81		16.8	0.0
100	QPSK	135	69		16.06			
100	QPSK	135	138		15.83			
100	QPSK	270	0		15.86		16.8	0.0
100	16QAM	1	137		15.46		16.8	0.0
100	64QAM	1	137		15.41		16.8	0.0
100	256QAM	1	137		15.34		16.8	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.23	16.25	16.15	16.8	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.24	16.23	16.20	16.8	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.24	16.22	16.16	16.8	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.21	16.20	16.20	16.8	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.15	16.29	16.09	16.8	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.24	16.19	16.16	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.71	12.90	12.80	13.8	0.0
100	PI/2 BPSK	1	137	12.71	12.87	12.92		
100	PI/2 BPSK	1	271	12.82	12.93	12.88		
100	PI/2 BPSK	135	0	12.79	12.90	12.86	13.8	0.0
100	PI/2 BPSK	135	69	12.77	12.90	12.84	13.8	0.0
100	PI/2 BPSK	135	138	12.78	12.92	12.89	13.8	0.0
100	PI/2 BPSK	270	0	12.77	12.89	12.87		
100	QPSK	1	1	12.76	12.88	12.90	13.8	0.0
100	QPSK	1	137	12.83	12.95	12.91		
100	QPSK	1	271	12.77	12.79	12.84		
100	QPSK	135	0	12.72	12.86	12.78	13.8	0.0
100	QPSK	135	69	12.76	12.87	12.86		
100	QPSK	135	138	12.72	12.85	12.77		
100	QPSK	270	0	12.70	12.73	12.68	13.8	0.0
100	16QAM	1	137	12.76	12.92	12.82	13.8	0.0
100	64QAM	1	137	12.80	12.92	12.86	13.8	0.0
100	256QAM	1	137	12.76	12.86	12.86	13.8	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	12.75	12.85	12.86	13.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	12.76	12.89	12.87	13.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	12.77	12.84	12.86	13.8	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	12.80	12.86	12.83	13.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	12.78	12.83	12.83	13.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	12.82	12.86	12.81	13.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	16.14	16.20	16.17	16.8	0.0
100	PI/2 BPSK	1	137	16.18	16.21	16.15		
100	PI/2 BPSK	1	271	16.09	16.17	16.19		
100	PI/2 BPSK	135	0	16.15	16.18	16.17	16.8	0.0
100	PI/2 BPSK	135	69	16.10	16.22	16.14	16.8	0.0
100	PI/2 BPSK	135	138	16.14	16.19	16.14	16.8	0.0
100	PI/2 BPSK	270	0	16.18	16.18	16.13		
100	QPSK	1	1	16.12	16.23	16.19	16.8	0.0
100	QPSK	1	137	16.20	16.27	16.22		
100	QPSK	1	271	16.04	16.18	16.07		
100	QPSK	135	0	16.09	16.14	16.07	16.8	0.0
100	QPSK	135	69	16.15	16.22	16.17		
100	QPSK	135	138	16.08	16.16	16.12		
100	QPSK	270	0	16.03	16.18	16.10	16.8	0.0
100	16QAM	1	137	16.11	16.24	16.14	16.8	0.0
100	64QAM	1	137	16.15	16.26	16.21	16.8	0.0
100	256QAM	1	137	16.17	16.16	16.14	16.8	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	16.13	16.20	16.11	16.8	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	16.19	16.20	16.18	16.8	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	16.11	16.21	16.15	16.8	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	16.13	16.16	16.15	16.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.18	16.24	16.15	16.8	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	16.13	16.23	16.14	16.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.28		16.0	0.0
100	PI/2 BPSK	1	137		15.24			
100	PI/2 BPSK	1	271		15.34			
100	PI/2 BPSK	135	0		15.28		16.0	0.0
100	PI/2 BPSK	135	69		15.26		16.0	0.0
100	PI/2 BPSK	135	138		15.32		16.0	0.0
100	PI/2 BPSK	270	0		15.26			
100	QPSK	1	1		15.26		16.0	0.0
100	QPSK	1	137		15.35			
100	QPSK	1	271		15.28			
100	QPSK	135	0		15.25		16.0	0.0
100	QPSK	135	69		15.30			
100	QPSK	135	138		15.21			
100	QPSK	270	0		15.26		16.0	0.0
100	16QAM	1	137		15.28		16.0	0.0
100	64QAM	1	137		15.27		16.0	0.0
100	256QAM	1	137		15.32		16.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	15.25	15.32	15.21	16.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.20	15.34	15.21	16.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	15.30	15.24	15.18	16.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	15.23	15.29	15.19	16.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	15.27	15.31	15.25	16.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.23	15.24	15.14	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.71		19.0	0.0
100	PI/2 BPSK	1	137		18.77			
100	PI/2 BPSK	1	271		18.73			
100	PI/2 BPSK	135	0		18.74		19.0	0.0
100	PI/2 BPSK	135	69		18.75		19.0	0.0
100	PI/2 BPSK	135	138		18.78		19.0	0.0
100	PI/2 BPSK	270	0		18.77			
100	QPSK	1	1		18.77		19.0	0.0
100	QPSK	1	137		18.82			
100	QPSK	1	271		18.81			
100	QPSK	135	0		18.71		19.0	0.0
100	QPSK	135	69		18.75			
100	QPSK	135	138		18.65			
100	QPSK	270	0		18.71		19.0	0.0
100	16QAM	1	137		18.71		19.0	0.0
100	64QAM	1	137		18.75		19.0	0.0
100	256QAM	1	137		18.76		19.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	18.71	18.80	18.64	19.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	18.68	18.74	18.68	19.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	18.74	18.76	18.61	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	18.70	18.74	18.63	19.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	18.70	18.78	18.70	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	18.74	18.72	18.67	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.13	15.19	15.12	16.0	0.0
100	PI/2 BPSK	1	137	15.11	15.16	15.12		
100	PI/2 BPSK	1	271	15.15	15.18	15.10		
100	PI/2 BPSK	135	0	15.17	15.23	15.18	16.0	0.0
100	PI/2 BPSK	135	69	15.12	15.24	15.12	16.0	0.0
100	PI/2 BPSK	135	138	15.18	15.21	15.20	16.0	0.0
100	PI/2 BPSK	270	0	15.18	15.22	15.12		
100	QPSK	1	1	15.13	15.21	15.15	16.0	0.0
100	QPSK	1	137	15.24	15.25	15.22		
100	QPSK	1	271	15.10	15.17	15.17		
100	QPSK	135	0	15.00	15.11	15.05	16.0	0.0
100	QPSK	135	69	15.12	15.21	15.18		
100	QPSK	135	138	15.10	15.13	15.09		
100	QPSK	270	0	15.13	15.17	15.07	16.0	0.0
100	16QAM	1	137	15.21	15.21	15.15	16.0	0.0
100	64QAM	1	137	15.22	15.24	15.22	16.0	0.0
100	256QAM	1	137	15.20	15.23	15.19	16.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	15.16	15.18	15.14	16.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	15.14	15.17	15.15	16.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	15.08	15.15	15.18	16.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	15.10	15.20	15.15	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	15.17	15.19	15.09	16.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	15.13	15.18	15.07	16.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.56	18.64	18.55	19.0	0.0
100	PI/2 BPSK	1	137	18.61	18.69	18.65		
100	PI/2 BPSK	1	271	18.62	18.67	18.61		
100	PI/2 BPSK	135	0	18.66	18.68	18.57	19.0	0.0
100	PI/2 BPSK	135	69	18.60	18.64	18.60	19.0	0.0
100	PI/2 BPSK	135	138	18.66	18.69	18.62	19.0	0.0
100	PI/2 BPSK	270	0	18.56	18.63	18.59		
100	QPSK	1	1	18.63	18.68	18.58	19.0	0.0
100	QPSK	1	137	18.68	18.74	18.69		
100	QPSK	1	271	18.63	18.71	18.67		
100	QPSK	135	0	18.56	18.62	18.54	19.0	0.0
100	QPSK	135	69	18.63	18.68	18.63		
100	QPSK	135	138	18.54	18.60	18.53		
100	QPSK	270	0	18.54	18.62	18.59	19.0	0.0
100	16QAM	1	137	18.64	18.70	18.62	19.0	0.0
100	64QAM	1	137	18.63	18.65	18.62	19.0	0.0
100	256QAM	1	137	18.62	18.67	18.62	19.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	QPSK	1	120	18.60	18.67	18.56	19.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	QPSK	1	109	18.61	18.70	18.57	19.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	QPSK	1	81	18.56	18.72	18.58	19.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	QPSK	1	67	18.62	18.69	18.58	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.68	18.71	18.57	19.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	QPSK	1	26	18.58	18.71	18.57	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.91		17.5	0.0
100	PI/2 BPSK	1	137		16.88			
100	PI/2 BPSK	1	271		16.87			
100	PI/2 BPSK	135	0		16.89		17.5	0.0
100	PI/2 BPSK	135	69		16.93		17.5	0.0
100	PI/2 BPSK	135	138		16.89		17.5	0.0
100	PI/2 BPSK	270	0		16.93			
100	QPSK	1	1		16.91		17.5	0.0
100	QPSK	1	137		16.94			
100	QPSK	1	271		16.91			
100	QPSK	135	0		16.83		17.5	0.0
100	QPSK	135	69		16.89			
100	QPSK	135	138		16.80			
100	QPSK	270	0		16.83		17.5	0.0
100	16QAM	1	137		16.89		17.5	0.0
100	64QAM	1	137		16.90		17.5	0.0
100	256QAM	1	137		16.88		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.86	16.89	16.81	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.83	16.89	16.80	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.80	16.84	16.80	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.79	16.87	16.81	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.82	16.90	16.82	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.84	16.85	16.78	17.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	1	16.85	16.87	16.76	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	16.82	16.87	16.76	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.32		20.5	0.0
100	PI/2 BPSK	1	137		20.29			
100	PI/2 BPSK	1	271		20.31			
100	PI/2 BPSK	135	0		20.32		20.5	0.0
100	PI/2 BPSK	135	69		20.27		20.5	0.0
100	PI/2 BPSK	135	138		20.28		20.5	0.0
100	PI/2 BPSK	270	0		20.28			
100	QPSK	1	1		20.26		20.5	0.0
100	QPSK	1	137		20.36			
100	QPSK	1	271		20.33			
100	QPSK	135	0		20.20		20.5	0.0
100	QPSK	135	69		20.23			
100	QPSK	135	138		20.15			
100	QPSK	270	0		20.18		20.5	0.0
100	16QAM	1	137		20.25		20.5	0.0
100	64QAM	1	137		20.18		20.5	0.0
100	256QAM	1	137		20.15		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.25	20.26	20.20	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.20	20.32	20.15	20.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.24	20.31	20.23	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.22	20.27	20.23	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.28	20.34	20.20	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.22	20.26	20.18	20.5	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.22	20.33	20.20	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.26	20.35	20.19	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.44		17.5	0.0
100	PI/2 BPSK	1	137		16.42			
100	PI/2 BPSK	1	271		16.45			
100	PI/2 BPSK	135	0		16.41		17.5	0.0
100	PI/2 BPSK	135	69		16.42		17.5	0.0
100	PI/2 BPSK	135	138		16.46		17.5	0.0
100	PI/2 BPSK	270	0		16.46			
100	QPSK	1	1		16.47		17.5	0.0
100	QPSK	1	137		16.52			
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.43		17.5	0.0
100	QPSK	135	69		16.47			
100	QPSK	135	138		16.40			
100	QPSK	270	0		16.43		17.5	0.0
100	16QAM	1	137		16.44		17.5	0.0
100	64QAM	1	137		16.45		17.5	0.0
100	256QAM	1	137		16.42		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	16.42	16.44	16.32	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	16.46	16.41	16.34	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	16.49	16.47	16.38	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	16.42	16.44	16.38	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	16.41	16.47	16.39	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.46	16.51	16.31	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	16.38	16.44	16.39	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	16.43	16.44	16.33	17.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.82		20.5	0.0
100	PI/2 BPSK	1	137		19.90			
100	PI/2 BPSK	1	271		19.88			
100	PI/2 BPSK	135	0		19.87		20.0	0.5
100	PI/2 BPSK	135	69		19.90		20.5	0.0
100	PI/2 BPSK	135	138		19.83		20.0	0.5
100	PI/2 BPSK	270	0		19.89			
100	QPSK	1	1		19.86		20.5	0.0
100	QPSK	1	137		19.93			
100	QPSK	1	271		19.90			
100	QPSK	135	0		19.80		20.5	0.0
100	QPSK	135	69		19.84			
100	QPSK	135	138		19.75			
100	QPSK	270	0		19.78		19.5	1.0
100	16QAM	1	137		19.82		19.5	1.0
100	64QAM	1	137		19.73		18.0	2.5
100	256QAM	1	137		19.78		16.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.77	19.86	19.77	20.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.82	19.81	19.81	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.84	19.91	19.80	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.81	19.86	19.76	20.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.79	19.88	19.83	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.83	19.85	19.80	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.80	19.88	19.75	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.80	19.89	19.79	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.03		12.0	0.0
100	PI/2 BPSK	1	137		10.99			
100	PI/2 BPSK	1	271		11.03			
100	PI/2 BPSK	135	0		11.01		12.0	0.0
100	PI/2 BPSK	135	69		11.05		12.0	0.0
100	PI/2 BPSK	135	138		11.03		12.0	0.0
100	PI/2 BPSK	270	0		11.02			
100	QPSK	1	1		11.07		12.0	0.0
100	QPSK	1	137		11.09			
100	QPSK	1	271		11.05			
100	QPSK	135	0		11.02		12.0	0.0
100	QPSK	135	69		11.03			
100	QPSK	135	138		11.00			
100	QPSK	270	0		10.97		12.0	0.0
100	16QAM	1	137		11.02		12.0	0.0
100	64QAM	1	137		10.95		12.0	0.0
100	256QAM	1	137		10.98		12.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	11.00	11.03	10.90	12.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	10.92	10.99	10.94	12.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	10.97	11.04	10.97	12.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	10.97	11.01	10.98	12.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	10.93	11.02	10.97	12.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	10.99	11.04	10.95	12.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	11.01	11.01	10.94	12.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	10.99	11.01	10.93	12.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.85		15.0	0.0
100	PI/2 BPSK	1	137		14.86			
100	PI/2 BPSK	1	271		14.84			
100	PI/2 BPSK	135	0		14.94		15.0	0.0
100	PI/2 BPSK	135	69		14.86		15.0	0.0
100	PI/2 BPSK	135	138		14.84		15.0	0.0
100	PI/2 BPSK	270	0		14.89			
100	QPSK	1	1		14.90		15.0	0.0
100	QPSK	1	137		14.95			
100	QPSK	1	271		14.92			
100	QPSK	135	0		14.89		15.0	0.0
100	QPSK	135	69		14.93			
100	QPSK	135	138		14.80			
100	QPSK	270	0		14.90		15.0	0.0
100	16QAM	1	137		14.85		15.0	0.0
100	64QAM	1	137		14.91		15.0	0.0
100	256QAM	1	137		14.85		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.84	14.89	14.86	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.86	14.84	14.82	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.85	14.90	14.76	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.79	14.88	14.75	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.86	14.93	14.75	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.87	14.93	14.83	15.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.81	14.91	14.76	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.85	14.90	14.82	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		10.97		12.0	0.0
100	PI/2 BPSK	1	137		10.98			
100	PI/2 BPSK	1	271		10.95			
100	PI/2 BPSK	135	0		10.97		12.0	0.0
100	PI/2 BPSK	135	69		10.98		12.0	0.0
100	PI/2 BPSK	135	138		10.97		12.0	0.0
100	PI/2 BPSK	270	0		10.97			
100	QPSK	1	1		10.95		12.0	0.0
100	QPSK	1	137		11.03			
100	QPSK	1	271		11.00			
100	QPSK	135	0		10.95		12.0	0.0
100	QPSK	135	69		10.97			
100	QPSK	135	138		10.90			
100	QPSK	270	0		10.93		12.0	0.0
100	16QAM	1	137		10.89		12.0	0.0
100	64QAM	1	137		10.85		12.0	0.0
100	256QAM	1	137		10.87		12.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	10.95	10.98	10.95	12.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	10.96	10.96	10.88	12.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	10.92	11.02	10.93	12.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	10.94	11.00	10.95	12.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	10.90	10.99	10.87	12.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	10.94	10.98	10.88	12.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	10.91	11.00	10.87	12.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	10.92	10.98	10.89	12.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.86		15.0	0.0
100	PI/2 BPSK	1	137		14.90			
100	PI/2 BPSK	1	271		14.92			
100	PI/2 BPSK	135	0		14.90		14.5	0.5
100	PI/2 BPSK	135	69		14.91		15.0	0.0
100	PI/2 BPSK	135	138		14.90		14.5	0.5
100	PI/2 BPSK	270	0		14.90			
100	QPSK	1	1		14.91		15.0	0.0
100	QPSK	1	137		14.94			
100	QPSK	1	271		14.92			
100	QPSK	135	0		14.85		15.0	0.0
100	QPSK	135	69		14.90			
100	QPSK	135	138		14.83			
100	QPSK	270	0		14.85		14.0	1.0
100	16QAM	1	137		14.90		14.0	1.0
100	64QAM	1	137		14.88		12.5	2.5
100	256QAM	1	137		14.92		10.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	14.81	14.88	14.76	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	14.83	14.89	14.82	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	14.85	14.85	14.83	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.85	14.85	14.80	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	14.81	14.84	14.77	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	14.90	14.89	14.82	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	14.86	14.91	14.77	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	14.84	14.89	14.82	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.29		13.3	0.0
100	PI/2 BPSK	1	137		12.30			
100	PI/2 BPSK	1	271		12.29			
100	PI/2 BPSK	135	0		12.28		13.3	0.0
100	PI/2 BPSK	135	69		12.31		13.3	0.0
100	PI/2 BPSK	135	138		12.30		13.3	0.0
100	PI/2 BPSK	270	0		12.30			
100	QPSK	1	1		12.23		13.3	0.0
100	QPSK	1	137		12.34			
100	QPSK	1	271		12.31			
100	QPSK	135	0		12.25		13.3	0.0
100	QPSK	135	69		12.28			
100	QPSK	135	138		12.20			
100	QPSK	270	0		12.23		13.3	0.0
100	16QAM	1	137		12.28		13.3	0.0
100	64QAM	1	137		12.22		13.3	0.0
100	256QAM	1	137		12.29		13.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	12.19	12.22	12.20	13.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	12.17	12.22	12.19	13.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	12.27	12.24	12.15	13.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	12.22	12.29	12.15	13.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	12.19	12.23	12.17	13.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	12.25	12.24	12.12	13.3	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	12.25	12.33	12.14	13.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	12.23	12.31	12.18	13.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.32		16.3	0.0
100	PI/2 BPSK	1	137		15.29			
100	PI/2 BPSK	1	271		15.26			
100	PI/2 BPSK	135	0		15.31		16.3	0.0
100	PI/2 BPSK	135	69		15.32		16.3	0.0
100	PI/2 BPSK	135	138		15.32		16.3	0.0
100	PI/2 BPSK	270	0		15.28			
100	QPSK	1	1		15.27		16.3	0.0
100	QPSK	1	137		15.35			
100	QPSK	1	271		15.26			
100	QPSK	135	0		15.22		16.3	0.0
100	QPSK	135	69		15.28			
100	QPSK	135	138		15.20			
100	QPSK	270	0		15.23		16.3	0.0
100	16QAM	1	137		15.27		16.3	0.0
100	64QAM	1	137		15.27		16.3	0.0
100	256QAM	1	137		15.33		16.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	15.25	15.29	15.21	16.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.28	15.29	15.24	16.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	15.25	15.27	15.28	16.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	15.25	15.31	15.26	16.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	15.21	15.33	15.23	16.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	15.24	15.28	15.26	16.3	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	15.26	15.34	15.26	16.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.29	15.31	15.22	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.24		13.3	0.0
100	PI/2 BPSK	1	137		12.25			
100	PI/2 BPSK	1	271		12.29			
100	PI/2 BPSK	135	0		12.21		13.3	0.0
100	PI/2 BPSK	135	69		12.25		13.3	0.0
100	PI/2 BPSK	135	138		12.26		13.3	0.0
100	PI/2 BPSK	270	0		12.23			
100	QPSK	1	1		12.27		13.3	0.0
100	QPSK	1	137		12.32			
100	QPSK	1	271		12.27			
100	QPSK	135	0		12.25		13.3	0.0
100	QPSK	135	69		12.28			
100	QPSK	135	138		12.21			
100	QPSK	270	0		12.23		13.3	0.0
100	16QAM	1	137		12.24		13.3	0.0
100	64QAM	1	137		12.25		13.3	0.0
100	256QAM	1	137		12.28		13.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	12.21	12.29	12.25	13.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	12.21	12.27	12.21	13.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	12.26	12.31	12.25	13.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	12.23	12.29	12.17	13.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	12.26	12.30	12.18	13.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	12.25	12.31	12.21	13.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	12.22	12.25	12.20	13.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	12.18	12.27	12.19	13.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.23		16.3	0.0
100	PI/2 BPSK	1	137		15.21			
100	PI/2 BPSK	1	271		15.25			
100	PI/2 BPSK	135	0		15.24		16.3	0.0
100	PI/2 BPSK	135	69		15.31		16.3	0.0
100	PI/2 BPSK	135	138		15.26		16.3	0.0
100	PI/2 BPSK	270	0		15.29			
100	QPSK	1	1		15.28		16.3	0.0
100	QPSK	1	137		15.32			
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.23		16.3	0.0
100	QPSK	135	69		15.28			
100	QPSK	135	138		15.20			
100	QPSK	270	0		15.21		16.3	0.0
100	16QAM	1	137		15.28		16.3	0.0
100	64QAM	1	137		15.31		16.3	0.0
100	256QAM	1	137		15.29		16.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.22	15.24	15.22	16.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.22	15.28	15.16	16.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.22	15.28	15.19	16.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.19	15.31	15.20	16.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.16	15.29	15.14	16.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.24	15.27	15.22	16.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.23	15.25	15.18	16.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.26	15.25	15.14	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.16		15.0	0.0
100	PI/2 BPSK	1	137		14.21			
100	PI/2 BPSK	1	271		14.18			
100	PI/2 BPSK	135	0		14.17		15.0	0.0
100	PI/2 BPSK	135	69		14.17		15.0	0.0
100	PI/2 BPSK	135	138		14.16		15.0	0.0
100	PI/2 BPSK	270	0		14.22			
100	QPSK	1	1		14.15		15.0	0.0
100	QPSK	1	137		14.25			
100	QPSK	1	271		14.21			
100	QPSK	135	0		14.18		15.0	0.0
100	QPSK	135	69		14.22			
100	QPSK	135	138		14.15			
100	QPSK	270	0		14.19		15.0	0.0
100	16QAM	1	137		14.19		15.0	0.0
100	64QAM	1	137		14.18		15.0	0.0
100	256QAM	1	137		14.16		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.16	14.20	14.18	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.11	14.22	14.11	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.13	14.20	14.13	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.16	14.18	14.14	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.19	14.22	14.16	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.18	14.21	14.14	15.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.18	14.15	14.13	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.22	14.21	14.16	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.67		18.0	0.0
100	PI/2 BPSK	1	137		17.63			
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.69		18.0	0.0
100	PI/2 BPSK	135	69		17.66		18.0	0.0
100	PI/2 BPSK	135	138		17.71		18.0	0.0
100	PI/2 BPSK	270	0		17.67			
100	QPSK	1	1		17.66		18.0	0.0
100	QPSK	1	137		17.72			
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.62		18.0	0.0
100	QPSK	135	69		17.67			
100	QPSK	135	138		17.58			
100	QPSK	270	0		17.63		18.0	0.0
100	16QAM	1	137		17.62		18.0	0.0
100	64QAM	1	137		17.65		18.0	0.0
100	256QAM	1	137		17.63		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.63	17.66	17.63	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.58	17.67	17.53	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	17.62	17.66	17.62	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.56	17.69	17.57	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.64	17.68	17.60	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.68	17.64	17.57	18.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.63	17.67	17.53	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.65	17.64	17.62	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.01		15.0	0.0
100	PI/2 BPSK	1	137		14.03			
100	PI/2 BPSK	1	271		14.00			
100	PI/2 BPSK	135	0		13.96		15.0	0.0
100	PI/2 BPSK	135	69		14.02		15.0	0.0
100	PI/2 BPSK	135	138		13.95		15.0	0.0
100	PI/2 BPSK	270	0		13.96			
100	QPSK	1	1		14.01		15.0	0.0
100	QPSK	1	137		14.05			
100	QPSK	1	271		13.98			
100	QPSK	135	0		13.95		15.0	0.0
100	QPSK	135	69		13.97			
100	QPSK	135	138		13.91			
100	QPSK	270	0		13.95		15.0	0.0
100	16QAM	1	137		13.98		15.0	0.0
100	64QAM	1	137		13.98		15.0	0.0
100	256QAM	1	137		13.97		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	13.96	14.01	13.90	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	13.97	14.03	13.90	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	13.99	13.99	13.96	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.00	13.96	13.88	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	13.94	14.01	13.92	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	13.99	14.02	13.97	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	13.94	14.01	13.89	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	13.98	14.02	13.94	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.49		18.0	0.0
100	PI/2 BPSK	1	137		17.43			
100	PI/2 BPSK	1	271		17.43			
100	PI/2 BPSK	135	0		17.42		18.0	0.0
100	PI/2 BPSK	135	69		17.50		18.0	0.0
100	PI/2 BPSK	135	138		17.48		18.0	0.0
100	PI/2 BPSK	270	0		17.47			
100	QPSK	1	1		17.45		18.0	0.0
100	QPSK	1	137		17.52			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.38		18.0	0.0
100	QPSK	135	69		17.48			
100	QPSK	135	138		17.42			
100	QPSK	270	0		17.45		18.0	0.0
100	16QAM	1	137		17.45		18.0	0.0
100	64QAM	1	137		17.48		18.0	0.0
100	256QAM	1	137		17.42		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	17.38	17.47	17.32	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	17.43	17.47	17.42	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.42	17.46	17.37	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	17.44	17.50	17.37	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	17.44	17.50	17.41	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.41	17.48	17.34	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	17.43	17.51	17.37	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	17.38	17.47	17.39	18.0	0.0

UL CA power

CA_7C_Ant 2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Default	20.36	21.50
21100	21298	QPSK	1	49	0	0	1	0	Default	20.58	21.50
21350	21152	QPSK	1	49	0	0	1	0	Default	20.32	21.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 0	20.36	21.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 0	20.58	21.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 0	20.32	21.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 1	20.36	21.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 1	20.58	21.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 1	20.32	21.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 3	20.36	21.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 3	20.58	21.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 3	20.32	21.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 4	20.36	21.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 4	20.58	21.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 4	20.32	21.50

CA_38C_Ant 2

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Default	20.19	21.50
37901	38099	QPSK	1	49	0	0	1	0	Default	20.26	21.50
38150	37952	QPSK	1	49	0	0	1	0	Default	20.14	21.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 0	20.19	21.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 0	20.26	21.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 0	20.14	21.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 1	20.19	21.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 1	20.26	21.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 1	20.14	21.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 3	20.19	21.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 3	20.26	21.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 3	20.14	21.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 4	20.19	21.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 4	20.26	21.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 4	20.14	21.50

CA_7C_Ant 3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Default	24.56	25.50
21100	21298	QPSK	1	49	0	0	1	0	Default	24.58	25.50
21350	21152	QPSK	1	49	0	0	1	0	Default	24.55	25.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 0	16.16	17.00
21100	21298	QPSK	1	49	0	0	1	0	DSI 0	16.17	17.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 0	16.13	17.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 1	19.51	20.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 1	19.54	20.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 1	19.52	20.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 3	23.62	24.50
21100	21298	QPSK	1	49	0	0	1	0	DSI 3	23.64	24.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 3	23.62	24.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 4	16.16	17.00
21100	21298	QPSK	1	49	0	0	1	0	DSI 4	16.17	17.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 4	16.13	17.00

CA_38C_Ant 3

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Default	24.44	25.50
37901	38099	QPSK	1	49	0	0	1	0	Default	24.50	25.50
38150	37952	QPSK	1	49	0	0	1	0	Default	24.43	25.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 0	19.33	20.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 0	19.42	20.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 0	19.37	20.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 1	21.90	23.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 1	21.96	23.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 1	21.87	23.00
37850	38048	QPSK	1	49	0	0	1	0	DSI 3	24.44	25.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 3	24.50	25.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 3	24.43	25.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 4	19.33	20.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 4	19.42	20.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 4	19.37	20.50

CA_7C_Ant 4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Default	23.05	24.00
21100	21298	QPSK	1	0	0	0	1	0	Default	23.13	24.00
21350	21152	QPSK	1	0	0	0	1	0	Default	23.11	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 0	23.05	24.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 0	23.13	24.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 0	23.11	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	18.01	19.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 1	18.14	19.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	18.08	19.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	23.05	24.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 3	23.13	24.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	23.11	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	18.01	19.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 4	18.14	19.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	18.08	19.00

CA_38C_Ant 4

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Default	23.05	24.00
37901	38099	QPSK	1	49	0	0	1	0	Default	23.08	24.00
38150	37952	QPSK	1	49	0	0	1	0	Default	22.98	24.00
37850	38048	QPSK	1	49	0	0	1	0	DSI 0	23.05	24.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 0	23.08	24.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 0	22.98	24.00
37850	38048	QPSK	1	49	0	0	1	0	DSI 1	22.01	23.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 1	22.06	23.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 1	22.04	23.00
37850	38048	QPSK	1	49	0	0	1	0	DSI 3	23.05	24.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 3	23.08	24.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 3	22.98	24.00
37850	38048	QPSK	1	49	0	0	1	0	DSI 4	22.01	23.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 4	22.06	23.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 4	22.04	23.00

CA_7C_Ant 5

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	0	0	0	1	0	Default	23.10	24.00
21100	21298	QPSK	1	0	0	0	1	0	Default	23.13	24.00
21350	21152	QPSK	1	0	0	0	1	0	Default	23.13	24.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 0	16.01	17.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 0	16.10	17.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 0	16.06	17.00
20850	21048	QPSK	1	0	0	0	1	0	DSI 1	19.52	20.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 1	19.66	20.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 1	19.65	20.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 3	19.52	20.50
21100	21298	QPSK	1	0	0	0	1	0	DSI 3	19.66	20.50
21350	21152	QPSK	1	0	0	0	1	0	DSI 3	19.65	20.50
20850	21048	QPSK	1	0	0	0	1	0	DSI 4	16.01	17.00
21100	21298	QPSK	1	0	0	0	1	0	DSI 4	16.10	17.00
21350	21152	QPSK	1	0	0	0	1	0	DSI 4	16.06	17.00

CA_38C_Ant 5

Combination 20MHz+20MHz (100RB+100RB)

PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Default	22.91	24.00
37901	38099	QPSK	1	49	0	0	1	0	Default	22.97	24.00
38150	37952	QPSK	1	49	0	0	1	0	Default	22.91	24.00
37850	38048	QPSK	1	49	0	0	1	0	DSI 0	17.83	19.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 0	17.89	19.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 0	17.85	19.00
37850	38048	QPSK	1	49	0	0	1	0	DSI 1	20.36	21.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 1	20.43	21.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 1	20.41	21.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 3	20.36	21.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 3	20.43	21.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 3	20.41	21.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 4	17.83	19.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 4	17.89	19.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 4	17.85	19.00

DL CA 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_12A-66A	Band 12	10M	707.5	23095	QPSK	1	49	Band 66	20M	2155	66886	23.60	23.69
		CA_7A-26A	Band 7	20M	2535	21100	QPSK	1	49	Band 26	15M	876.5	8865	24.62	24.84
		CA_26A-38A	Band 26	15M	831.5	26865	QPSK	1	49	Band 38	20M	2595	38000	24.45	24.65
		CA_26A-41A	Band 26	15M	831.5	26865	QPSK	1	49	Band 41	20M	2593	40620	24.39	24.65
		CA_2A-26A	Band 2	20M	1880	18900	QPSK	1	49	Band 26	15M	876.5	8865	23.89	24.19
		CA_2A-38A	Band 38	20M	2580	37850	QPSK	1	49	Band 2	20M	1960	900	24.65	24.95
Intra-Band	Non-Contiguous	CA_2A-2A	Band 2	20M	1880	18900	QPSK	1	49	Band 2	5M	1987.50	1175	23.97	24.19
		CA_4A-4A	Band 4	20M	1732.5	20175	QPSK	1	49	Band 4	5M	2152.50	2375	24.55	24.76
	Contiguous	CA_2C	Band 2	20M	1880	18900	QPSK	1	49	Band 2	20M	1979.80	1098	24.01	24.19
		CA_38C	Band 38	20M	2580	37850	QPSK	1	49	Band 38	20M	2599.80	38048	24.71	24.95
		CA_41C	Band 41	20M	2593	40620	QPSK	1	49	Band 41	20M	2612.80	40818	24.72	24.96
		CA_66C	Band 66	20M	1745	132322	QPSK	1	49	Band 66	20M	2174.80	67084	24.04	24.28
		CA_66B	Band 66	15M	1745	132322	QPSK	1	49	Band 66	5M	2164.30	66979	24.15	24.28

3CC

Configure		CA Configuration (BCS)	PCC							SCC				SCC2				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	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-5A	Band 2	20M	1880	18900	QPSK	1	49	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	24.10	24.19
		CA_2A-7A-66A	Band 2	20M	1880	18900	QPSK	1	49	Band 7	20M	2655	3100	Band 66	20M	2155	66886	23.95	24.19
		CA_2A-7A-7A	Band 2	20M	1880	18900	QPSK	1	49	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.00	24.19
		CA_5A-66A-66A	Band 5	10M	836.5	20525	QPSK	1	49	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.44	24.61
		CA_7A-66A-66A	Band 66	20M	1745	132322	QPSK	1	49	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	24.00	24.28
		CA_5A-7A-7A	Band 5	10M	836.5	20525	QPSK	1	49	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.50	24.61
		CA_2A-4A-7A	Band 2	20M	1880	18900	QPSK	1	49	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	23.84	24.19
		CA_2A-5A-66A	Band 2	20M	1880	18900	QPSK	1	49	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	23.78	24.19
		CA_2A-5A-7A	Band 2	20M	1880	18900	QPSK	1	49	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	23.81	24.19
Intra-Band	Non-Contiguous	CA_41A-41A-41A	Band 41	20M	2593	40620	QPSK	1	49	Band 41	20M	2506	39750	Band 41	20M	2680	41490	24.68	24.96
	Contiguous	CA_2A-7C	Band 2	20M	1880	18900	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.85	24.19
		CA_41D	Band 41	20M	2593	40620	QPSK	1	49	Band 41	20M	2612.8	40818	Band 41	20M	2632.6	41016	24.71	24.96
		CA_4A-7C	Band 4	20M	1732.5	20175	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.56	24.76
		CA_5A-7C	Band 5	10M	836.5	20525	QPSK	1	49	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.60	24.61

Full&Default Power Mode for ENDC

Band 2 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45	23	0
20	QPSK	1	49	22.53	22.61	22.46		
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38	22	1
20	QPSK	50	24	21.46	21.52	21.39		
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39	22	1
20	16QAM	1	49	21.62	21.65	21.49		
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50	21	2
20	16QAM	50	24	20.66	20.68	20.56		
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54	21	2
20	64QAM	1	49	20.72	20.74	20.66		
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57	20	3
20	64QAM	50	24	19.57	19.66	19.64		
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.48	17.45	18	5
20	256QAM	1	49	17.51	17.62	17.60		
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55	18	5
20	256QAM	50	24	17.55	17.63	17.58		
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36	23	0
15	QPSK	1	37	22.49	22.53	22.40		
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.39	21.51	21.40	22	1
15	QPSK	36	20	21.36	21.40	21.36		
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.38	21.52	21.32	22	1
15	16QAM	1	37	21.59	21.58	21.40		
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47	21	2
15	16QAM	36	20	20.60	20.60	20.53		
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47	21	2
15	64QAM	1	37	20.65	20.71	20.58		
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50	20	3
15	64QAM	36	20	19.51	19.63	19.56		
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41	18	5
15	256QAM	1	37	17.49	17.55	17.54		
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.52	17.48	18	5
15	256QAM	36	20	17.49	17.56	17.46		
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41	23	0
10	QPSK	1	25	22.49	22.55	22.37		
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32	22	1
10	QPSK	25	12	21.45	21.50	21.30		
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.43	21.46	21.36	22	1
10	16QAM	1	25	21.56	21.57	21.41		
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45	21	2
10	16QAM	25	12	20.66	20.64	20.53		
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49	21	2
10	64QAM	1	25	20.63	20.62	20.62		
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55	20	3
10	64QAM	25	12	19.55	19.56	19.60		
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42	18	5
10	256QAM	1	25	17.45	17.62	17.60		
10	256QAM	1	49	17.31	17.30	17.22		
10	256QAM	25	0	17.44	17.53	17.50	18	5
10	256QAM	25	12	17.49	17.56	17.53		
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.51	17.56		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44	23	0
5	QPSK	1	12	22.49	22.55	22.35		
5	QPSK	1	24	22.24	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31	22	1
5	QPSK	12	7	21.41	21.43	21.36		
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.47	21.35	22	1
5	16QAM	1	12	21.58	21.56	21.42		
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46	21	2
5	16QAM	12	7	20.65	20.65	20.45		
5	16QAM	12	13	20.57	20.59	20.44		
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50	21	2
5	64QAM	1	12	20.64	20.68	20.63		
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52	20	3
5	64QAM	12	7	19.52	19.58	19.58		
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43	18	5
5	256QAM	1	12	17.46	17.59	17.55		
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51	18	5
5	256QAM	12	7	17.47	17.59	17.51		
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43	23	0
3	QPSK	1	8	22.52	22.56	22.44		
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34	22	1
3	QPSK	8	4	21.39	21.47	21.30		
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.38	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.30	22	1
3	16QAM	1	8	21.61	21.59	21.41		
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47	21	2
3	16QAM	8	4	20.60	20.63	20.53		
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48	21	2
3	64QAM	1	8	20.63	20.63	20.63		
3	64QAM	1	14	20.48	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57	20	3
3	64QAM	8	4	19.51	19.61	19.59		
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41	18	5
3	256QAM	1	8	17.41	17.58	17.58		
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51	18	5
3	256QAM	8	4	17.51	17.55	17.54		
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35	23	0
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20		
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	1	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39	22	1
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23		
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.50	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.65	20.57	20.51	21	2
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42		
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44	18	5
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33		
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.42	24.46	24.32	25	0
20	QPSK	1	49	24.47	24.51	24.34		
20	QPSK	1	99	24.23	24.28	24.11		
20	QPSK	50	0	23.30	23.38	23.23	24	1
20	QPSK	50	24	23.38	23.43	23.31		
20	QPSK	50	50	23.27	23.33	23.19		
20	QPSK	100	0	23.32	23.38	23.24		
20	16QAM	1	0	23.32	23.41	23.29	24	1
20	16QAM	1	49	23.47	23.56	23.41		
20	16QAM	1	99	23.27	23.34	23.17		
20	16QAM	50	0	22.42	22.52	22.35	23	2
20	16QAM	50	24	22.44	22.55	22.41		
20	16QAM	50	50	22.35	22.48	22.33		
20	16QAM	100	0	22.41	22.56	22.44		
20	64QAM	1	0	22.42	22.56	22.47	23	2
20	64QAM	1	49	22.52	22.66	22.57		
20	64QAM	1	99	22.31	22.45	22.36		
20	64QAM	50	0	21.40	21.51	21.46	22	3
20	64QAM	50	24	21.48	21.56	21.55		
20	64QAM	50	50	21.43	21.50	21.45		
20	64QAM	100	0	21.40	21.48	21.46		
20	256QAM	1	0	19.28	19.35	19.31	20	5
20	256QAM	1	49	19.40	19.51	19.49		
20	256QAM	1	99	19.23	19.30	19.27		
20	256QAM	50	0	19.37	19.46	19.44	20	5
20	256QAM	50	24	19.43	19.50	19.49		
20	256QAM	50	50	19.40	19.48	19.43		
20	256QAM	100	0	19.36	19.43	19.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.32	24.40	24.24	25	0
15	QPSK	1	37	24.44	24.43	24.30		
15	QPSK	1	74	24.20	24.25	24.04		
15	QPSK	36	0	23.20	23.27	23.21	24	1
15	QPSK	36	20	23.31	23.32	23.25		
15	QPSK	36	39	23.17	23.24	23.17		
15	QPSK	75	0	23.22	23.32	23.25		
15	16QAM	1	0	23.27	23.33	23.23	24	1
15	16QAM	1	37	23.37	23.55	23.34		
15	16QAM	1	74	23.22	23.29	23.16		
15	16QAM	36	0	22.37	22.45	22.30	23	2
15	16QAM	36	20	22.39	22.51	22.38		
15	16QAM	36	39	22.26	22.39	22.23		
15	16QAM	75	0	22.33	22.47	22.32		
15	64QAM	1	0	22.38	22.54	22.48	23	2
15	64QAM	1	37	22.46	22.62	22.47		
15	64QAM	1	74	22.25	22.40	22.31		
15	64QAM	36	0	21.34	21.47	21.41	22	3
15	64QAM	36	20	21.44	21.51	21.51		
15	64QAM	36	39	21.33	21.44	21.40		
15	64QAM	75	0	21.39	21.43	21.37		
15	256QAM	1	0	19.23	19.29	19.25	20	5
15	256QAM	1	37	19.36	19.44	19.40		
15	256QAM	1	74	19.20	19.21	19.20		
15	256QAM	36	0	19.32	19.41	19.37	20	5
15	256QAM	36	20	19.32	19.41	19.43		
15	256QAM	36	39	19.34	19.42	19.38		
15	256QAM	75	0	19.30	19.35	19.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.42	24.39	24.32	25	0
10	QPSK	1	25	24.48	24.46	24.26		
10	QPSK	1	49	24.14	24.26	24.10		
10	QPSK	25	0	23.26	23.31	23.16	24	1
10	QPSK	25	12	23.31	23.40	23.27		
10	QPSK	25	25	23.24	23.23	23.14		
10	QPSK	50	0	23.29	23.32	23.22		
10	16QAM	1	0	23.28	23.36	23.21	24	1
10	16QAM	1	25	23.42	23.51	23.37		
10	16QAM	1	49	23.24	23.32	23.13		
10	16QAM	25	0	22.39	22.45	22.23	23	2
10	16QAM	25	12	22.38	22.54	22.31		
10	16QAM	25	25	22.28	22.42	22.28		
10	16QAM	50	0	22.40	22.52	22.32		
10	64QAM	1	0	22.32	22.54	22.38	23	2
10	64QAM	1	25	22.50	22.61	22.52		
10	64QAM	1	49	22.24	22.40	22.31		
10	64QAM	25	0	21.34	21.41	21.38	22	3
10	64QAM	25	12	21.40	21.51	21.45		
10	64QAM	25	25	21.32	21.45	21.42		
10	64QAM	50	0	21.31	21.44	21.44		
10	256QAM	1	0	19.23	19.34	19.28	20	5
10	256QAM	1	25	19.39	19.52	19.45		
10	256QAM	1	49	19.16	19.23	19.19		
10	256QAM	25	0	19.31	19.46	19.38	20	5
10	256QAM	25	12	19.36	19.44	19.46		
10	256QAM	25	25	19.29	19.45	19.37		
10	256QAM	50	0	19.27	19.39	19.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.40	24.36	24.24	25	0
5	QPSK	1	12	24.39	24.46	24.28		
5	QPSK	1	24	24.12	24.20	24.08		
5	QPSK	12	0	23.30	23.36	23.21	24	1
5	QPSK	12	7	23.38	23.39	23.22		
5	QPSK	12	13	23.20	23.26	23.09		
5	QPSK	25	0	23.24	23.34	23.17		
5	16QAM	1	0	23.21	23.38	23.24	24	1
5	16QAM	1	12	23.45	23.55	23.33		
5	16QAM	1	24	23.27	23.28	23.11		
5	16QAM	12	0	22.39	22.47	22.29	23	2
5	16QAM	12	7	22.36	22.54	22.35		
5	16QAM	12	13	22.31	22.39	22.27		
5	16QAM	25	0	22.30	22.47	22.44		
5	64QAM	1	0	22.42	22.47	22.38	23	2
5	64QAM	1	12	22.50	22.62	22.48		
5	64QAM	1	24	22.23	22.40	22.35		
5	64QAM	12	0	21.40	21.42	21.43	22	3
5	64QAM	12	7	21.46	21.49	21.48		
5	64QAM	12	13	21.41	21.42	21.43		
5	64QAM	25	0	21.38	21.42	21.46		
5	256QAM	1	0	19.24	19.27	19.29	20	5
5	256QAM	1	12	19.39	19.44	19.46		
5	256QAM	1	24	19.14	19.26	19.21		
5	256QAM	12	0	19.30	19.45	19.41	20	5
5	256QAM	12	7	19.38	19.50	19.44		
5	256QAM	12	13	19.35	19.44	19.33		
5	256QAM	25	0	19.31	19.39	19.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.33	24.36	24.24	25	0
3	QPSK	1	8	24.37	24.45	24.27		
3	QPSK	1	14	24.14	24.22	24.04		
3	QPSK	8	0	23.26	23.32	23.19	24	1
3	QPSK	8	4	23.35	23.33	23.25		
3	QPSK	8	7	23.24	23.34	23.13		
3	QPSK	15	0	23.24	23.27	23.18		
3	16QAM	1	0	23.21	23.33	23.25	24	1
3	16QAM	1	8	23.42	23.47	23.40		
3	16QAM	1	14	23.23	23.29	23.08		
3	16QAM	8	0	22.32	22.42	22.30	23	2
3	16QAM	8	4	22.45	22.46	22.39		
3	16QAM	8	7	22.31	22.45	22.28		
3	16QAM	15	0	22.36	22.47	22.39		
3	64QAM	1	0	22.37	22.46	22.42	23	2
3	64QAM	1	8	22.44	22.62	22.51		
3	64QAM	1	14	22.22	22.43	22.33		
3	64QAM	8	0	21.35	21.46	21.40	22	3
3	64QAM	8	4	21.43	21.52	21.49		
3	64QAM	8	7	21.38	21.47	21.41		
3	64QAM	15	0	21.32	21.43	21.38		
3	256QAM	1	0	19.26	19.26	19.29	20	5
3	256QAM	1	8	19.31	19.44	19.48		
3	256QAM	1	14	19.17	19.24	19.23		
3	256QAM	8	0	19.29	19.39	19.39	20	5
3	256QAM	8	4	19.39	19.48	19.47		
3	256QAM	8	7	19.38	19.45	19.34		
3	256QAM	15	0	19.32	19.37	19.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.38	24.37	24.21	25	0
1.4	QPSK	1	3	24.41	24.42	24.28		
1.4	QPSK	1	5	24.17	24.26	24.03		
1.4	QPSK	3	0	24.28	24.35	24.20		
1.4	QPSK	3	1	24.36	24.32	24.20		
1.4	QPSK	3	3	24.08	24.15	23.94		
1.4	QPSK	6	0	23.27	23.30	23.18	24	1
1.4	16QAM	1	0	23.28	23.39	23.23	24	1
1.4	16QAM	1	3	23.42	23.46	23.39		
1.4	16QAM	1	5	23.18	23.32	23.10		
1.4	16QAM	3	0	23.24	23.30	23.18		
1.4	16QAM	3	1	23.34	23.38	23.37		
1.4	16QAM	3	3	23.11	23.33	22.99		
1.4	16QAM	6	0	22.39	22.51	22.42	23	2
1.4	64QAM	1	0	22.36	22.47	22.37	23	2
1.4	64QAM	1	3	22.42	22.61	22.51		
1.4	64QAM	1	5	22.24	22.37	22.36		
1.4	64QAM	3	0	22.29	22.43	22.31		
1.4	64QAM	3	1	22.36	22.60	22.42		
1.4	64QAM	3	3	22.21	22.36	22.35		
1.4	64QAM	6	0	21.30	21.42	21.40	22	3
1.4	256QAM	1	0	19.22	19.30	19.23	20	5
1.4	256QAM	1	3	19.34	19.44	19.47		
1.4	256QAM	1	5	19.21	19.27	19.27		
1.4	256QAM	3	0	19.33	19.43	19.39		
1.4	256QAM	3	1	19.36	19.44	19.49		
1.4	256QAM	3	3	19.33	19.46	19.35		
1.4	256QAM	6	0	19.27	19.34	19.35	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.05	24.08	24.00	25	0
10	QPSK	1	25	24.06	24.12	24.06		
10	QPSK	1	49	24.00	24.06	24.03		
10	QPSK	25	0	22.94	23.01	22.97	24	1
10	QPSK	25	12	23.04	23.11	23.09		
10	QPSK	25	25	22.95	23.04	23.02		
10	QPSK	50	0	23.00	23.09	23.05		
10	16QAM	1	0	23.02	23.09	23.07	24	1
10	16QAM	1	25	23.07	23.16	23.11		
10	16QAM	1	49	23.02	23.12	23.08		
10	16QAM	25	0	21.90	22.02	21.96	23	2
10	16QAM	25	12	21.94	22.08	22.05		
10	16QAM	25	25	21.91	22.04	21.98		
10	16QAM	50	0	22.01	22.11	22.07		
10	64QAM	1	0	21.87	21.99	21.96	23	2
10	64QAM	1	25	21.96	22.07	22.05		
10	64QAM	1	49	21.93	22.02	22.01		
10	64QAM	25	0	20.90	21.01	20.98	22	3
10	64QAM	25	12	20.97	21.04	21.00		
10	64QAM	25	25	20.96	21.07	21.05		
10	64QAM	50	0	21.00	21.09	21.07		
10	256QAM	1	0	18.80	18.87	18.83	20	5
10	256QAM	1	25	18.84	18.93	18.88		
10	256QAM	1	49	18.85	18.92	18.91		
10	256QAM	25	0	18.92	19.01	19.00	20	5
10	256QAM	25	12	18.98	19.08	19.04		
10	256QAM	25	25	18.94	19.04	19.00		
10	256QAM	50	0	18.96	19.04	18.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.03	24.01	23.88	25	0
5	QPSK	1	12	24.03	24.01	24.01		
5	QPSK	1	24	23.96	24.05	23.95		
5	QPSK	12	0	22.92	22.90	22.88	24	1
5	QPSK	12	7	22.97	23.05	23.05		
5	QPSK	12	13	22.88	23.03	22.96		
5	QPSK	25	0	22.93	23.06	22.95		
5	16QAM	1	0	23.01	23.07	23.03	24	1
5	16QAM	1	12	23.02	23.10	23.08		
5	16QAM	1	24	22.93	23.09	23.05		
5	16QAM	12	0	21.82	21.97	21.93	23	2
5	16QAM	12	7	21.84	22.03	21.95		
5	16QAM	12	13	21.81	21.96	21.93		
5	16QAM	25	0	21.95	22.06	22.02		
5	64QAM	1	0	21.80	21.94	21.88	23	2
5	64QAM	1	12	21.90	21.97	21.98		
5	64QAM	1	24	21.87	21.97	21.91		
5	64QAM	12	0	20.84	21.00	20.92	22	3
5	64QAM	12	7	20.95	20.92	20.91		
5	64QAM	12	13	20.95	20.99	21.01		
5	64QAM	25	0	20.90	21.02	21.05		
5	256QAM	1	0	18.74	18.83	18.78	20	5
5	256QAM	1	12	18.73	18.90	18.81		
5	256QAM	1	24	18.76	18.90	18.85		
5	256QAM	12	0	18.83	18.98	18.99	20	5
5	256QAM	12	7	18.87	19.02	19.00		
5	256QAM	12	13	18.95	18.97	18.92		
5	256QAM	25	0	18.92	19.01	18.91		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.98	24.01	23.98	25	0
3	QPSK	1	8	24.06	24.04	24.01		
3	QPSK	1	14	23.91	24.03	24.02		
3	QPSK	8	0	22.88	22.94	22.92	24	1
3	QPSK	8	4	23.00	23.10	23.02		
3	QPSK	8	7	22.89	22.94	22.97		
3	QPSK	15	0	22.97	23.02	22.96		
3	16QAM	1	0	22.96	23.03	23.03	24	1
3	16QAM	1	8	23.04	23.12	23.09		
3	16QAM	1	14	22.96	23.05	22.98		
3	16QAM	8	0	21.84	21.94	21.88	23	2
3	16QAM	8	4	21.89	22.07	21.99		
3	16QAM	8	7	21.82	22.04	21.91		
3	16QAM	15	0	21.99	22.05	21.99		
3	64QAM	1	0	21.81	21.91	21.96	23	2
3	64QAM	1	8	21.93	22.04	21.98		
3	64QAM	1	14	21.86	21.96	21.89		
3	64QAM	8	0	20.82	20.96	20.90	22	3
3	64QAM	8	4	20.90	20.98	20.92		
3	64QAM	8	7	20.93	21.00	21.01		
3	64QAM	15	0	20.97	21.01	20.99		
3	256QAM	1	0	18.78	18.79	18.82	20	5
3	256QAM	1	8	18.83	18.89	18.79		
3	256QAM	1	14	18.77	18.82	18.90		
3	256QAM	8	0	18.86	18.90	18.93	20	5
3	256QAM	8	4	18.90	19.01	19.04		
3	256QAM	8	7	18.86	18.99	18.97		
3	256QAM	15	0	18.89	19.03	18.99		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.99	24.05	23.93	25	0
1.4	QPSK	1	3	24.02	24.08	24.03		
1.4	QPSK	1	5	23.88	23.98	23.99		
1.4	QPSK	3	0	23.99	24.02	23.87		
1.4	QPSK	3	1	23.98	24.07	23.96		
1.4	QPSK	3	3	23.82	23.93	23.99		
1.4	QPSK	6	0	22.94	23.05	23.00	24	1
1.4	16QAM	1	0	23.01	23.05	22.97	24	1
1.4	16QAM	1	3	23.03	23.07	23.08		
1.4	16QAM	1	5	22.96	23.06	22.96		
1.4	16QAM	3	0	22.95	23.05	22.92		
1.4	16QAM	3	1	22.96	23.00	22.97		
1.4	16QAM	3	3	22.91	23.04	22.93		
1.4	16QAM	6	0	21.98	22.04	21.99	23	2
1.4	64QAM	1	0	21.80	21.91	21.94	23	2
1.4	64QAM	1	3	21.93	22.04	22.01		
1.4	64QAM	1	5	21.87	22.02	21.98		
1.4	64QAM	3	0	21.75	21.87	21.88		
1.4	64QAM	3	1	21.86	21.94	21.93		
1.4	64QAM	3	3	21.82	21.93	21.94		
1.4	64QAM	6	0	21.01	21.09	20.99	22	3
1.4	256QAM	1	0	18.77	18.84	18.77	20	5
1.4	256QAM	1	3	18.80	18.86	18.81		
1.4	256QAM	1	5	18.79	18.81	18.79		
1.4	256QAM	3	0	18.81	18.97	18.88		
1.4	256QAM	3	1	18.94	18.99	18.98		
1.4	256QAM	3	3	18.88	18.97	19.00		
1.4	256QAM	6	0	18.89	19.00	18.90	20	5

Band 5 Other PA_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.25	24.28	24.18	25	0
10	QPSK	1	25	24.28	24.34	24.27		
10	QPSK	1	49	24.23	24.30	24.23		
10	QPSK	25	0	23.16	23.23	23.15	24	1
10	QPSK	25	12	23.25	23.30	23.19		
10	QPSK	25	25	23.22	23.25	23.11		
10	QPSK	50	0	23.20	23.26	23.14		
10	16QAM	1	0	23.28	23.34	23.23	24	1
10	16QAM	1	25	23.32	23.41	23.32		
10	16QAM	1	49	23.24	23.36	23.28		
10	16QAM	25	0	22.12	22.23	22.14	23	2
10	16QAM	25	12	22.18	22.28	22.21		
10	16QAM	25	25	22.20	22.30	22.22		
10	16QAM	50	0	22.15	22.24	22.15		
10	64QAM	1	0	22.15	22.26	22.14	23	2
10	64QAM	1	25	22.24	22.32	22.23		
10	64QAM	1	49	22.18	22.27	22.15		
10	64QAM	25	0	21.19	21.26	21.24	22	3
10	64QAM	25	12	21.19	21.29	21.28		
10	64QAM	25	25	21.22	21.32	21.31		
10	64QAM	50	0	21.11	21.21	21.20		
10	256QAM	1	0	19.04	19.14	19.12	20	5
10	256QAM	1	25	19.10	19.21	19.19		
10	256QAM	1	49	19.05	19.14	19.12		
10	256QAM	25	0	19.06	19.15	19.10	20	5
10	256QAM	25	12	19.13	19.24	19.22		
10	256QAM	25	25	19.20	19.28	19.24		
10	256QAM	50	0	19.06	19.16	19.11		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.20	24.22	24.10	25	0
5	QPSK	1	12	24.22	24.27	24.27		
5	QPSK	1	24	24.16	24.20	24.15		
5	QPSK	12	0	23.09	23.23	23.14	24	1
5	QPSK	12	7	23.23	23.20	23.16		
5	QPSK	12	13	23.14	23.17	23.06		
5	QPSK	25	0	23.10	23.18	23.04		
5	16QAM	1	0	23.28	23.29	23.17	24	1
5	16QAM	1	12	23.25	23.38	23.31		
5	16QAM	1	24	23.17	23.29	23.24		
5	16QAM	12	0	22.08	22.17	22.12	23	2
5	16QAM	12	7	22.16	22.18	22.12		
5	16QAM	12	13	22.14	22.25	22.20		
5	16QAM	25	0	22.04	22.18	22.05		
5	64QAM	1	0	22.05	22.16	22.07	23	2
5	64QAM	1	12	22.17	22.28	22.21		
5	64QAM	1	24	22.09	22.22	22.10		
5	64QAM	12	0	21.17	21.22	21.18	22	3
5	64QAM	12	7	21.15	21.20	21.27		
5	64QAM	12	13	21.18	21.28	21.28		
5	64QAM	25	0	21.06	21.10	21.15		
5	256QAM	1	0	19.03	19.08	19.08	20	5
5	256QAM	1	12	19.09	19.16	19.17		
5	256QAM	1	24	18.98	19.07	19.13		
5	256QAM	12	0	18.98	19.12	19.08	20	5
5	256QAM	12	7	19.10	19.15	19.16		
5	256QAM	12	13	19.19	19.25	19.17		
5	256QAM	25	0	19.06	19.13	19.03		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.17	24.23	24.08	25	0
3	QPSK	1	8	24.24	24.33	24.23		
3	QPSK	1	14	24.12	24.26	24.21		
3	QPSK	8	0	23.11	23.23	23.08	24	1
3	QPSK	8	4	23.23	23.24	23.13		
3	QPSK	8	7	23.22	23.22	23.06		
3	QPSK	15	0	23.19	23.21	23.06		
3	16QAM	1	0	23.25	23.28	23.17	24	1
3	16QAM	1	8	23.28	23.38	23.28		
3	16QAM	1	14	23.24	23.28	23.18		
3	16QAM	8	0	22.13	22.14	22.10	23	2
3	16QAM	8	4	22.15	22.28	22.13		
3	16QAM	8	7	22.19	22.28	22.15		
3	16QAM	15	0	22.07	22.15	22.04		
3	64QAM	1	0	22.14	22.16	22.07	23	2
3	64QAM	1	8	22.20	22.32	22.15		
3	64QAM	1	14	22.13	22.18	22.08		
3	64QAM	8	0	21.17	21.17	21.19	22	3
3	64QAM	8	4	21.13	21.18	21.18		
3	64QAM	8	7	21.20	21.22	21.30		
3	64QAM	15	0	21.01	21.15	21.12		
3	256QAM	1	0	18.96	19.11	19.04	20	5
3	256QAM	1	8	19.02	19.18	19.20		
3	256QAM	1	14	19.05	19.06	19.04		
3	256QAM	8	0	19.03	19.08	19.04	20	5
3	256QAM	8	4	19.05	19.12	19.16		
3	256QAM	8	7	19.11	19.20	19.22		
3	256QAM	15	0	19.01	19.12	19.02		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.21	24.29	24.13	25	0
1.4	QPSK	1	3	24.19	24.27	24.15		
1.4	QPSK	1	5	24.16	24.19	24.17		
1.4	QPSK	3	0	24.12	24.23	24.10		
1.4	QPSK	3	1	24.09	24.22	24.07		
1.4	QPSK	3	3	24.12	24.14	24.14		
1.4	QPSK	6	0	23.11	23.18	23.03	24	1
1.4	16QAM	1	0	23.21	23.29	23.17	24	1
1.4	16QAM	1	3	23.31	23.38	23.28		
1.4	16QAM	1	5	23.12	23.30	23.21		
1.4	16QAM	3	0	23.19	23.24	23.16		
1.4	16QAM	3	1	23.32	23.36	23.24		
1.4	16QAM	3	3	23.12	23.28	23.17		
1.4	16QAM	6	0	22.09	22.16	22.08	23	2
1.4	64QAM	1	0	22.08	22.19	22.11	23	2
1.4	64QAM	1	3	22.12	22.31	22.13		
1.4	64QAM	1	5	22.06	22.23	22.08		
1.4	64QAM	3	0	21.98	22.15	22.02		
1.4	64QAM	3	1	22.00	22.24	22.11		
1.4	64QAM	3	3	21.96	22.16	22.02		
1.4	64QAM	6	0	21.04	21.15	21.12	22	3
1.4	256QAM	1	0	19.02	19.09	19.06	20	5
1.4	256QAM	1	3	19.07	19.15	19.14		
1.4	256QAM	1	5	19.05	19.10	19.10		
1.4	256QAM	3	0	19.05	19.13	19.04		
1.4	256QAM	3	1	19.05	19.20	19.17		
1.4	256QAM	3	3	19.16	19.24	19.16		
1.4	256QAM	6	0	19.02	19.10	19.04	20	5

Band 7 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.44	21.45	21.42	22.3	0
20	QPSK	1	49	21.53	21.58	21.55		
20	QPSK	1	99	21.36	21.43	21.42		
20	QPSK	50	0	20.38	20.46	20.46	21.3	1
20	QPSK	50	24	20.46	20.52	20.50		
20	QPSK	50	50	20.43	20.49	20.48		
20	QPSK	100	0	20.39	20.46	20.44		
20	16QAM	1	0	20.40	20.47	20.48		
20	16QAM	1	49	20.55	20.65	20.66	21.3	1
20	16QAM	1	99	20.40	20.48	20.47		
20	16QAM	50	0	19.34	19.42	19.38		
20	16QAM	50	24	19.38	19.46	19.44	20.3	2
20	16QAM	50	50	19.39	19.45	19.40		
20	16QAM	100	0	19.40	19.45	19.43		
20	64QAM	1	0	19.37	19.39	19.39		
20	64QAM	1	49	19.52	19.55	19.54	20.3	2
20	64QAM	1	99	19.36	19.38	19.36		
20	64QAM	50	0	18.30	18.38	18.33		
20	64QAM	50	24	18.34	18.45	18.44	19.3	3
20	64QAM	50	50	18.36	18.44	18.43		
20	64QAM	100	0	18.33	18.42	18.37		
20	256QAM	1	0	16.28	16.38	16.36		
20	256QAM	1	49	16.44	16.55	16.51	17.3	5
20	256QAM	1	99	16.35	16.42	16.38		
20	256QAM	50	0	16.43	16.52	16.49	17.3	5
20	256QAM	50	24	16.54	16.62	16.59		
20	256QAM	50	50	16.49	16.58	16.57		
20	256QAM	100	0	16.51	16.60	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.35	21.40	21.36		
15	QPSK	1	37	21.50	21.55	21.56	22.3	0
15	QPSK	1	74	21.35	21.43	21.36		
15	QPSK	36	0	20.35	20.40	20.37		
15	QPSK	36	20	20.42	20.44	20.46	21.3	1
15	QPSK	36	39	20.39	20.41	20.40		
15	QPSK	75	0	20.32	20.39	20.40		
15	16QAM	1	0	20.35	20.40	20.42		
15	16QAM	1	37	20.48	20.58	20.62	21.3	1
15	16QAM	1	74	20.33	20.37	20.44		
15	16QAM	36	0	19.30	19.36	19.33		
15	16QAM	36	20	19.40	19.40	19.40	20.3	2
15	16QAM	36	39	19.37	19.42	19.35		
15	16QAM	75	0	19.29	19.39	19.38		
15	64QAM	1	0	19.34	19.30	19.35		
15	64QAM	1	37	19.44	19.51	19.52	20.3	2
15	64QAM	1	74	19.32	19.32	19.31		
15	64QAM	36	0	18.24	18.36	18.31		
15	64QAM	36	20	18.25	18.38	18.42	19.3	3
15	64QAM	36	39	18.32	18.26	18.44		
15	64QAM	75	0	18.23	18.32	18.31		
15	256QAM	1	0	16.23	16.38	16.29		
15	256QAM	1	37	16.38	16.53	16.41	17.3	5
15	256QAM	1	74	16.35	16.35	16.37		
15	256QAM	36	0	16.43	16.47	16.45		
15	256QAM	36	20	16.49	16.62	16.56	17.3	5
15	256QAM	36	39	16.45	16.48	16.47		
15	256QAM	75	0	16.51	16.55	16.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.39	21.39	21.39		
10	QPSK	1	25	21.53	21.51	21.51	22.3	0
10	QPSK	1	49	21.28	21.33	21.39		
10	QPSK	25	0	20.36	20.35	20.40		
10	QPSK	25	12	20.36	20.45	20.49	21.3	1
10	QPSK	25	25	20.41	20.41	20.44		
10	QPSK	50	0	20.29	20.41	20.37		
10	16QAM	1	0	20.33	20.48	20.46		
10	16QAM	1	25	20.50	20.57	20.64	21.3	1
10	16QAM	1	49	20.33	20.42	20.42		
10	16QAM	25	0	19.29	19.37	19.29		
10	16QAM	25	12	19.26	19.46	19.41	20.3	2
10	16QAM	25	25	19.29	19.39	19.32		
10	16QAM	50	0	19.38	19.40	19.38		
10	64QAM	1	0	19.31	19.33	19.29		
10	64QAM	1	25	19.48	19.48	19.46	20.3	2
10	64QAM	1	49	19.26	19.35	19.29		
10	64QAM	25	0	18.25	18.39	18.24		
10	64QAM	25	12	18.28	18.37	18.34	19.3	3
10	64QAM	25	25	18.33	18.44	18.37		
10	64QAM	50	0	18.32	18.38	18.28		
10	256QAM	1	0	16.21	16.30	16.31		
10	256QAM	1	25	16.43	16.45	16.46	17.3	5
10	256QAM	1	49	16.38	16.37	16.34		
10	256QAM	25	0	16.35	16.47	16.37		
10	256QAM	25	12	16.47	16.55	16.52	17.3	5
10	256QAM	25	25	16.41	16.48	16.47		
10	256QAM	50	0	16.48	16.55	16.48		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.34	21.41	21.34		
5	QPSK	1	12	21.47	21.52	21.49	22.3	0
5	QPSK	1	24	21.31	21.42	21.32		
5	QPSK	12	0	20.34	20.35	20.41		
5	QPSK	12	7	20.40	20.48	20.48	21.3	1
5	QPSK	12	13	20.38	20.42	20.42		
5	QPSK	25	0	20.28	20.44	20.39		
5	16QAM	1	0	20.37	20.43	20.42		
5	16QAM	1	12	20.49	20.61	20.59	21.3	1
5	16QAM	1	24	20.31	20.42	20.37		
5	16QAM	12	0	19.22	19.32	19.30		
5	16QAM	12	7	19.33	19.38	19.42	20.3	2
5	16QAM	12	13	19.36	19.40	19.30		
5	16QAM	25	0	19.36	19.42	19.33		
5	64QAM	1	0	19.32	19.39	19.36		
5	64QAM	1	12	19.45	19.49	19.50	20.3	2
5	64QAM	1	24	19.31	19.32	19.28		
5	64QAM	12	0	18.24	18.30	18.28		
5	64QAM	12	7	18.34	18.34	18.45	19.3	3
5	64QAM	12	13	18.33	18.38	18.42		
5	64QAM	25	0	18.29	18.33	18.27		
5	256QAM	1	0	16.22	16.31	16.29		
5	256QAM	1	12	16.37	16.50	16.42	17.3	5
5	256QAM	1	24	16.31	16.33	16.31		
5	256QAM	12	0	16.37	16.50	16.49		
5	256QAM	12	7	16.49	16.55	16.50	17.3	5
5	256QAM	12	13	16.45	16.58	16.48		
5	256QAM	25	0	16.49	16.53	16.51		

Band 7 Other PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.89	22.95	22.93		
20	QPSK	1	49	23.11	23.13	23.12	24	0
20	QPSK	1	99	22.99	22.98	22.96		
20	QPSK	50	0	21.96	21.96	21.95		
20	QPSK	50	24	22.01	22.06	22.00	23	1
20	QPSK	50	50	21.97	22.04	21.96		
20	QPSK	100	0	21.91	22.00	21.89		
20	16QAM	1	0	21.90	21.99	21.91		
20	16QAM	1	49	22.05	22.17	22.09	23	1
20	16QAM	1	99	21.86	22.01	21.91		
20	16QAM	50	0	20.79	20.92	20.81		
20	16QAM	50	24	20.89	21.01	20.91	22	2
20	16QAM	50	50	20.90	21.04	20.92		
20	16QAM	100	0	20.78	20.94	20.80		
20	64QAM	1	0	20.73	20.88	20.75		
20	64QAM	1	49	20.92	21.08	20.97	22	2
20	64QAM	1	99	20.78	20.91	20.77		
20	64QAM	50	0	19.81	19.88	19.83		
20	64QAM	50	24	19.87	19.98	19.97	21	3
20	64QAM	50	50	19.90	20.01	19.99		
20	64QAM	100	0	19.88	19.95	19.91		
20	256QAM	1	0	17.81	17.91	17.87		
20	256QAM	1	49	18.01	18.09	18.05	19	5
20	256QAM	1	99	17.90	17.97	17.93		
20	256QAM	50	0	17.97	18.04	18.03		
20	256QAM	50	24	18.05	18.13	18.11	19	5
20	256QAM	50	50	18.05	18.16	18.12		
20	256QAM	100	0	18.06	18.13	18.12		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.84	22.88	22.88		
15	QPSK	1	37	23.08	23.07	23.11	24	0
15	QPSK	1	74	22.97	22.87	22.87		
15	QPSK	36	0	21.95	21.92	21.92		
15	QPSK	36	20	21.91	22.04	21.95	23	1
15	QPSK	36	39	21.93	21.95	21.85		
15	QPSK	75	0	21.80	21.96	21.85		
15	16QAM	1	0	21.82	21.89	21.83		
15	16QAM	1	37	22.02	22.11	22.06	23	1
15	16QAM	1	74	21.76	21.99	21.89		
15	16QAM	36	0	20.76	20.89	20.77		
15	16QAM	36	20	20.81	20.95	20.85	22	2
15	16QAM	36	39	20.84	21.00	20.91		
15	16QAM	75	0	20.73	20.91	20.73		
15	64QAM	1	0	20.70	20.84	20.70		
15	64QAM	1	37	20.84	21.06	20.92	22	2
15	64QAM	1	74	20.76	20.84	20.72		
15	64QAM	36	0	19.80	19.80	19.77		
15	64QAM	36	20	19.76	19.88	19.92	21	3
15	64QAM	36	39	19.91	20.01	19.99		
15	64QAM	75	0	19.80	19.88	19.85		
15	256QAM	1	0	17.75	17.89	17.79		
15	256QAM	1	37	17.92	18.03	18.03	19	5
15	256QAM	1	74	17.81	17.90	17.88		
15	256QAM	36	0	17.92	17.95	17.98		
15	256QAM	36	20	17.96	18.09	18.08	19	5
15	256QAM	36	39	17.98	18.13	18.07		
15	256QAM	75	0	17.98	18.05	18.10		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.81	22.85	22.87		
10	QPSK	1	25	23.06	23.06	23.07	24	0
10	QPSK	1	49	22.95	22.95	22.88		
10	QPSK	25	0	21.88	21.97	21.88		
10	QPSK	25	12	21.97	22.03	21.91	23	1
10	QPSK	25	25	21.93	21.93	21.86		
10	QPSK	50	0	21.84	21.92	21.78		
10	16QAM	1	0	21.82	21.92	21.82		
10	16QAM	1	25	21.98	22.11	22.07	23	1
10	16QAM	1	49	21.77	21.92	21.80		
10	16QAM	25	0	20.70	20.85	20.72		
10	16QAM	25	12	20.80	20.96	20.85	22	2
10	16QAM	25	25	20.85	20.98	20.82		
10	16QAM	50	0	20.71	20.94	20.77		
10	64QAM	1	0	20.71	20.79	20.70		
10	64QAM	1	25	20.92	20.97	20.95	22	2
10	64QAM	1	49	20.68	20.84	20.71		
10	64QAM	25	0	19.76	19.87	19.77		
10	64QAM	25	12	19.80	19.88	19.92	21	3
10	64QAM	25	25	19.82	19.92	19.97		
10	64QAM	50	0	19.83	19.89	19.84		
10	256QAM	1	0	17.80	17.85	17.82		
10	256QAM	1	25	17.93	18.03	18.01	19	5
10	256QAM	1	49	17.87	17.92	17.85		
10	256QAM	25	0	17.94	17.99	17.98		
10	256QAM	25	12	17.97	18.01	18.03	19	5
10	256QAM	25	25	17.94	18.11	18.01		
10	256QAM	50	0	17.96	18.00	18.07		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.84	22.90	22.84		
5	QPSK	1	12	23.09	23.01	23.04	24	0
5	QPSK	1	24	22.84	22.97	22.90		
5	QPSK	12	0	21.87	21.95	21.88		
5	QPSK	12	7	21.97	21.94	21.95	23	1
5	QPSK	12	13	21.97	21.94	21.89		
5	QPSK	25	0	21.83	21.97	21.78		
5	16QAM	1	0	21.86	21.90	21.80		
5	16QAM	1	12	22.01	22.15	21.99	23	1
5	16QAM	1	24	21.83	21.94	21.85		
5	16QAM	12	0	20.76	20.88	20.74		
5	16QAM	12	7	20.85	20.94	20.87	22	2
5	16QAM	12	13	20.85	21.02	20.84		
5	16QAM	25	0	20.72	20.83	20.79		
5	64QAM	1	0	20.63	20.79	20.65		
5	64QAM	1	12	20.86	21.01	20.90	22	2
5	64QAM	1	24	20.76	20.86	20.72		
5	64QAM	12	0	19.74	19.81	19.78		
5	64QAM	12	7	19.82	19.94	19.92	21	3
5	64QAM	12	13	19.81	19.98	19.87		
5	64QAM	25	0	19.77	19.90	19.81		
5	256QAM	1	0	17.72	17.83	17.85		
5	256QAM	1	12	17.95	18.05	17.97	19	5
5	256QAM	1	24	17.85	17.90	17.81		
5	256QAM	12	0	17.95	18.00	17.96		
5	256QAM	12	7	17.94	18.04	18.08	19	5
5	256QAM	12	13	18.00	18.13	18.03		
5	256QAM	25	0	17.94	18.08	18.02		

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BW [MHz]	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	21.43	21.46	21.44		
20	QPSK	1	49	21.58	21.61	21.54	22.9	0
20	QPSK	1	99	21.44	21.45	21.35		
20	QPSK	50	0	20.40	20.42	20.35		
20	QPSK	50	24	20.50	20.52	20.47	21.9	1
20	QPSK	50	50	20.43	20.46	20.43		
20	QPSK	100	0	20.43	20.48	20.42		
20	16QAM	1	0	20.39	20.46	20.41		
20	16QAM	1	49	20.56	20.66	20.63	21.9	1
20	16QAM	1	99	20.40	20.49	20.44		
20	16QAM	50	0	19.34	19.41	19.38		
20	16QAM	50	24	19.43	19.48	19.48	20.9	2
20	16QAM	50	50	19.41	19.49	19.48		
20	16QAM	100	0	19.40	19.47	19.45		
20	64QAM	1	0	19.41	19.47	19.43		
20	64QAM	1	49	19.60	19.66	19.60	20.9	2
20	64QAM	1	99	19.40	19.44	19.36		
20	64QAM	50	0	18.30	18.38	18.35		
20	64QAM	50	24	18.36	18.43	18.38	19.9	3
20	64QAM	50	50	18.36	18.46	18.45		
20	64QAM	100	0	18.33	18.41	18.39		
20	256QAM	1	0	16.27	16.36	16.34		
20	256QAM	1	49	16.46	16.55	16.50	17.9	5
20	256QAM	1	99	16.33	16.42	16.38		
20	256QAM	50	0	16.44	16.55	16.53		
20	256QAM	50	24	16.50	16.58	16.53	17.9	5
20	256QAM	50	50	16.51	16.61	16.58		
20	256QAM	100	0	16.53	16.61	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.37	21.40	21.37		
15	QPSK	1	37	21.49	21.56	21.55	22.9	0
15	QPSK	1	74	21.41	21.36	21.31		
15	QPSK	36	0	20.36	20.41	20.34		
15	QPSK	36	20	20.41	20.48	20.45	21.9	1
15	QPSK	36	39	20.41	20.47	20.36		
15	QPSK	75	0	20.38	20.47	20.38		
15	16QAM	1	0	20.29	20.37	20.34		
15	16QAM	1	37	20.52	20.64	20.51	21.9	1
15	16QAM	1	74	20.32	20.43	20.37		
15	16QAM	36	0	19.24	19.34	19.27		
15	16QAM	36	20	19.41	19.41	19.47	20.9	2
15	16QAM	36	39	19.35	19.39	19.44		
15	16QAM	75	0	19.32	19.37	19.37		
15	64QAM	1	0	19.32	19.42	19.34		
15	64QAM	1	37	19.49	19.66	19.59	20.9	2
15	64QAM	1	74	19.35	19.35	19.34		
15	64QAM	36	0	18.20	18.34	18.33		
15	64QAM	36	20	18.31	18.37	18.37	19.9	3
15	64QAM	36	39	18.34	18.36	18.37		
15	64QAM	75	0	18.22	18.37	18.30		
15	256QAM	1	0	16.21	16.34	16.23		
15	256QAM	1	37	16.38	16.47	16.41	17.9	5
15	256QAM	1	74	16.26	16.40	16.34		
15	256QAM	36	0	16.39	16.48	16.54		
15	256QAM	36	20	16.49	16.50	16.49	17.9	5
15	256QAM	36	39	16.46	16.55	16.46		
15	256QAM	75	0	16.47	16.60	16.52		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.41	21.42	21.36		
10	QPSK	1	25	21.56	21.53	21.48	22.9	0
10	QPSK	1	49	21.38	21.38	21.27		
10	QPSK	25	0	20.38	20.38	20.29		
10	QPSK	25	12	20.45	20.43	20.38	21.9	1
10	QPSK	25	25	20.41	20.38	20.35		
10	QPSK	50	0	20.39	20.48	20.39		
10	16QAM	1	0	20.42	20.45	20.37		
10	16QAM	1	25	20.50	20.61	20.56	21.9	1
10	16QAM	1	49	20.41	20.42	20.41		
10	16QAM	25	0	19.31	19.33	19.33		
10	16QAM	25	12	19.39	19.40	19.43	20.9	2
10	16QAM	25	25	19.30	19.46	19.41		
10	16QAM	50	0	19.41	19.45	19.37		
10	64QAM	1	0	19.35	19.39	19.36		
10	64QAM	1	25	19.59	19.60	19.60	20.9	2
10	64QAM	1	49	19.37	19.37	19.26		
10	64QAM	25	0	18.29	18.28	18.28		
10	64QAM	25	12	18.31	18.38	18.36	19.9	3
10	64QAM	25	25	18.29	18.44	18.45		
10	64QAM	50	0	18.32	18.39	18.35		
10	256QAM	1	0	16.21	16.31	16.32		
10	256QAM	1	25	16.40	16.49	16.40	17.9	5
10	256QAM	1	49	16.28	16.38	16.36		
10	256QAM	25	0	16.42	16.50	16.48		
10	256QAM	25	12	16.43	16.48	16.50	17.9	5
10	256QAM	25	25	16.48	16.62	16.56		
10	256QAM	50	0	16.44	16.50	16.48		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.40	21.40	21.33		
5	QPSK	1	12	21.52	21.58	21.54	22.9	0
5	QPSK	1	24	21.43	21.43	21.36		
5	QPSK	12	0	20.33	20.38	20.32		
5	QPSK	12	7	20.47	20.44	20.41	21.9	1
5	QPSK	12	13	20.43	20.40	20.37		
5	QPSK	25	0	20.37	20.42	20.39		
5	16QAM	1	0	20.33	20.38	20.35		
5	16QAM	1	12	20.51	20.61	20.63	21.9	1
5	16QAM	1	24	20.29	20.47	20.42		
5	16QAM	12	0	19.22	19.37	19.34		
5	16QAM	12	7	19.38	19.48	19.44	20.9	2
5	16QAM	12	13	19.34	19.49	19.45		
5	16QAM	25	0	19.31	19.46	19.45		
5	64QAM	1	0	19.37	19.40	19.34		
5	64QAM	1	12	19.53	19.58	19.56	20.9	2
5	64QAM	1	24	19.34	19.42	19.25		
5	64QAM	12	0	18.25	18.26	18.31		
5	64QAM	12	7	18.29	18.43	18.38	19.9	3
5	64QAM	12	13	18.28	18.42	18.36		
5	64QAM	25	0	18.24	18.34	18.33		
5	256QAM	1	0	16.21	16.24	16.27		
5	256QAM	1	12	16.43	16.52	16.43	17.9	5
5	256QAM	1	24	16.26	16.43	16.28		
5	256QAM	12	0	16.40	16.51	16.49		
5	256QAM	12	7	16.47	16.53	16.52	17.9	5
5	256QAM	12	13	16.46	16.51	16.58		
5	256QAM	25	0	16.53	16.54	16.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.13	24.18	24.16		
20	QPSK	1	49	24.18	24.26	24.20	25	0
20	QPSK	1	99	24.04	24.12	24.04		
20	QPSK	50	0	23.17	23.22	23.17		
20	QPSK	50	24	23.25	23.30	23.25	24	1
20	QPSK	50	50	23.07	23.13	23.11		
20	QPSK	100	0	23.14	23.21	23.19		
20	16QAM	1	0	23.16	23.24	23.20		
20	16QAM	1	49	23.27	23.33	23.29	24	1
20	16QAM	1	99	23.13	23.19	23.16		
20	16QAM	50	0	22.17	22.26	22.20		
20	16QAM	50	24	22.14

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.62	23.31	23.61		
10	QPSK	1	25	23.68	23.69	23.68	24.5	0
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57		
10	QPSK	25	12	22.68	22.71	22.62	23.5	1
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81		
10	16QAM	1	25	22.83	22.87	22.87	23.5	1
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59		
10	16QAM	25	12	21.66	21.65	21.65	22.5	2
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65		
10	64QAM	1	25	21.73	21.73	21.70	22.5	2
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56		
10	64QAM	25	12	20.61	20.62	20.62	21.5	3
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.65	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98		
10	256QAM	1	25	18.98	18.95	19.03	19.5	5
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99		
10	256QAM	25	12	19.02	19.02	19.05	19.5	5
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51		
5	QPSK	1	12	23.63	23.62	23.57	24.5	0
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.56	22.54		
5	QPSK	12	7	22.72	22.67	22.57	23.5	1
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61		
5	16QAM	1	0	22.78	22.75	22.83		
5	16QAM	1	12	22.85	22.85	22.92	23.5	1
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59		
5	16QAM	12	7	21.60	21.62	21.57	22.5	2
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68		
5	64QAM	1	12	21.65	21.53	21.64	22.5	2
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56		
5	64QAM	12	7	20.66	20.61	20.60	21.5	3
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94		
5	256QAM	1	12	19.01	18.98	18.93	19.5	5
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99		
5	256QAM	12	7	19.00	19.00	19.07	19.5	5
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62		
3	QPSK	1	8	23.64	23.66	23.68	24.5	0
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57		
3	QPSK	8	4	22.62	22.65	22.53	23.5	1
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.82	22.82	22.76		
3	16QAM	1	8	22.85	22.84	22.79	23.5	1
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63		
3	16QAM	8	4	21.58	21.70	21.55	22.5	2
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64		
3	64QAM	1	8	21.76	21.68	21.63	22.5	2
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59		
3	64QAM	8	4	20.55	20.62	20.60	21.5	3
3	64QAM	8	7	20.64	20.62	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88		
3	256QAM	1	8	18.99	18.89	19.08	19.5	5
3	256QAM	1	14	18.98	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93		
3	256QAM	8	4	18.95	18.93	18.96	19.5	5
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.02	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52		
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61	24.5	0
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.37	22.47		
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55	23.5	1
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.68	21.47	21.67		
1.4	64QAM	1	3	21.61	21.51	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60	22.5	2
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80		
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98	19.5	5
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.96	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83		
10	QPSK	1	25	23.90	23.95	23.91	24.5	0
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78		
10	QPSK	25	12	22.72	22.93	22.85	23.5	1
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02		
10	16QAM	1	25	22.92	23.06	23.04	23.5	1
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88		
10	16QAM	25	12	21.83	21.86	21.89	22.5	2
10	16QAM	25	25	21.86	21.73	21.96		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98		
10	64QAM	1	25	22.00	22.04	22.04	22.5	2
10	64QAM	1	49	22.00	22.00	22.01		
10	64QAM	25	0	20.73	20.82	20.87		
10	64QAM	25	12	20.82	20.85	20.84	21.5	3
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27		
10	256QAM	1	25	19.25	19.25	19.25	19.5	5
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23		
10	256QAM	25	12	19.28	19.20	19.27	19.5	5
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84		
5	QPSK	1	12	23.82	23.85	23.82	24.5	0
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73		
5	QPSK	12	7	22.77	22.98	22.87	23.5	1
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85		
5	16QAM	1	0	22.80	22.88	23.02		
5	16QAM	1	12	22.94	23.04	23.07	23.5	1
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81		
5	16QAM	12	7	21.82	21.80	21.80	22.5	2
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96		
5	64QAM	1	12	21.92	21.97	22.08	22.5	2
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81		
5	64QAM	12	7	20.87	20.79	20.79	21.5	3
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.86		
5	256QAM	1	0	19.21	19.17	19.27		
5	256QAM	1	12	19.17	19.26	19.30	19.5	5
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26		
5	256QAM	12	7	19.18	19.16	19.17	19.5	5
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73		
3	QPSK	1	8	23.86	23.87	23.94	24.5	0
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.76	22.88	22.77		
3	QPSK	8	4	22.81	22.96	22.82	23.5	1
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.78	22.86	23.04		
3	16QAM	1	8	23.02	23.02	22.99	23.5	1
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83		
3	16QAM	8	4	21.83	21.82	21.87	22.5	2
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95		
3	64QAM	1	8	22.02	22.04	22.03	22.5	2
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82		
3	64QAM	8	4	20.83	20.84	20.83	21.5	3
3	64QAM	8	7	20.83	20.76	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20		
3	256QAM	1	8	19.19	19.29	19.15	19.5	5
3	256QAM	1	14	19.23	19.13	19.13		
3	256QAM	8	0	19.22	19.21	19.18		
3	256QAM	8	4	19.32	19.10	19.20	19.5	5
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	18.94	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83		
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.68	23.88	24.5	0
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.89		
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94	23.5	1
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.80	21.91	21.97		
1.4	64QAM	1	3	21.82	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80	22.5	2
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19		
1.4	256QAM	1	3	19.18	19.18	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06	19.5	5
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.02	24.05	24.01		
15	QPSK	1	37	24.07	24.14	24.06	25	0
15	QPSK	1	74	24.01	24.04	24.03		
15	QPSK	36	0	23.04	23.04	23.03		
15	QPSK	36	20	23.06	23.08	23.07	24	1
15	QPSK	36	39	23.05	23.04	23.01		
15	QPSK	75	0	22.97	23.14	23.11		
15	16QAM	1	0	22.75	23.04	22.96		
15	16QAM	1	37	23.09	23.04	22.99	24	1
15	16QAM	1	74	23.11	23.02	22.90		
15	16QAM	36	0	21.95	22.00	21.91		
15	16QAM	36	20	21.99	22.02	21.96	23	2
15	16QAM	36	39	22.00	21.97	21.89		
15	16QAM	75	0	22.00	22.03	21.94		
15	64QAM	1	0	21.92	21.95	21.88		
15	64QAM	1	37	21.95	21.99	21.91	23	2
15	64QAM	1	74	21.98	21.94	21.83		
15	64QAM	36	0	20.91	20.98	20.93		
15	64QAM	36	20	20.98	21.03	20.98	22	3
15	64QAM	36	39	20.98	20.95	20.94		
15	64QAM	75	0	21.01	21.02	21.01		
15	256QAM	1	0	18.76	18.82	18.81		
15	256QAM	1	37	18.86	18.85	18.83	20	5
15	256QAM	1	74	18.86	18.80	18.75		
15	256QAM	36	0	18.86	18.91	18.87		
15	256QAM	36	20	18.91	18.96	18.93	20	5
15	256QAM	36	39	18.82	18.91	18.90		
15	256QAM	75	0	18.85	18.99	18.94		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.84	23.87	23.85		
10	QPSK	1	25	23.98	23.97	23.96	25	0
10	QPSK	1	49	23.98	23.83	23.89		
10	QPSK	25	0	22.91	22.88	22.87		
10	QPSK	25	12	22.91	22.94	22.94	24	1
10	QPSK	25	25	22.96	22.90	22.87		
10	QPSK	50	0	23.00	23.01	22.97		
10	16QAM	1	0	22.70	22.94	22.92		
10	16QAM	1	25	23.02	23.03	22.91	24	1
10	16QAM	1	49	23.03	23.00	22.80		
10	16QAM	25	0	21.87	21.96	21.87		
10	16QAM	25	12	21.95	21.90	21.90	23	2
10	16QAM	25	25	22.01	21.91	21.83		
10	16QAM	50	0	21.89	21.96	21.86		
10	64QAM	1	0	21.85	21.91	21.85		
10	64QAM	1	25	21.90	21.94	21.83	23	2
10	64QAM	1	49	21.86	21.91	21.78		
10	64QAM	25	0	20.91	20.94	20.92		
10	64QAM	25	12	20.92	21.01	20.92	22	3
10	64QAM	25	25	20.89	20.94	20.84		
10	64QAM	50	0	20.92	20.98	20.90		
10	256QAM	1	0	18.73	18.80	18.76		
10	256QAM	1	25	18.81	18.75	18.79	20	5
10	256QAM	1	49	18.77	18.80	18.73		
10	256QAM	25	0	18.81	18.86	18.84		
10	256QAM	25	12	18.89	18.95	18.88	20	5
10	256QAM	25	25	18.79	18.81	18.83		
10	256QAM	50	0	18.86	18.96	18.92		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.81	23.89	23.89		
5	QPSK	1	12	23.99	23.96	23.90	25	0
5	QPSK	1	24	23.94	23.84	23.88		
5	QPSK	12	0	22.94	22.94	22.86		
5	QPSK	12	7	22.94	22.86	22.90	24	1
5	QPSK	12	13	22.91	22.91	22.86		
5	QPSK	25	0	22.90	22.99	22.95		
5	16QAM	1	0	22.69	23.01	22.93		
5	16QAM	1	12	23.04	23.06	22.92	24	1
5	16QAM	1	24	23.08	22.94	22.85		
5	16QAM	12	0	21.80	21.91	21.87		
5	16QAM	12	7	21.89	21.98	21.88	23	2
5	16QAM	12	13	21.94	21.95	21.84		
5	16QAM	25	0	21.87	21.98	21.87		
5	64QAM	1	0	21.89	21.92	21.80		
5	64QAM	1	12	21.83	21.97	21.84	23	2
5	64QAM	1	24	21.91	21.91	21.71		
5	64QAM	12	0	20.90	20.92	20.90		
5	64QAM	12	7	20.92	20.94	20.97	22	3
5	64QAM	12	13	20.95	20.89	20.87		
5	64QAM	25	0	20.94	20.95	20.97		
5	256QAM	1	0	18.75	18.70	18.80		
5	256QAM	1	12	18.79	18.77	18.73	20	5
5	256QAM	1	24	18.77	18.70	18.64		
5	256QAM	12	0	18.87	18.89	18.82		
5	256QAM	12	7	18.81	18.86	18.91	20	5
5	256QAM	12	13	18.77	18.81	18.86		
5	256QAM	25	0	18.90	18.96	18.86		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.90	23.91	23.87		
3	QPSK	1	8	23.96	23.91	23.93	25	0
3	QPSK	1	14	23.95	23.85	23.88		
3	QPSK	8	0	22.80	22.88	22.87		
3	QPSK	8	4	22.93	22.96	22.95	24	1
3	QPSK	8	7	22.93	22.93	22.89		
3	QPSK	15	0	22.90	22.95	22.93		
3	16QAM	1	0	22.99	22.99	22.95		
3	16QAM	1	8	23.03	23.02	22.90	24	1
3	16QAM	1	14	23.05	23.01	22.81		
3	16QAM	8	0	21.96	21.99	21.97		
3	16QAM	8	4	21.90	21.97	21.91	23	2
3	16QAM	8	7	21.94	21.88	21.85		
3	16QAM	15	0	22.01	22.02	21.87		
3	64QAM	1	0	21.88	21.92	21.86		
3	64QAM	1	8	21.91	21.92	21.88	23	2
3	64QAM	1	14	21.94	21.91	21.80		
3	64QAM	8	0	20.90	20.92	20.84		
3	64QAM	8	4	20.88	20.97	20.94	22	3
3	64QAM	8	7	20.87	20.89	20.88		
3	64QAM	15	0	21.00	21.00	20.98		
3	256QAM	1	0	18.73	18.77	18.72		
3	256QAM	1	8	18.78	18.76	18.81	20	5
3	256QAM	1	14	18.81	18.73	18.75		
3	256QAM	8	0	18.82	18.86	18.76		
3	256QAM	8	4	18.83	18.89	18.85	20	5
3	256QAM	8	7	18.75	18.88	18.81		
3	256QAM	15	0	18.87	18.99	18.86		
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	23.90	23.86		
1.4	QPSK	1	3	24.01	23.89	23.86		
1.4	QPSK	1	5	23.97	23.85	23.84	25	0
1.4	QPSK	3	0	23.84	23.87	23.78		
1.4	QPSK	3	1	23.96	23.85	23.77		
1.4	QPSK	3	3	23.93	23.80	23.79		
1.4	QPSK	6	0	22.84	22.95	22.89	24	1
1.4	16QAM	1	0	22.70	23.02	22.88		
1.4	16QAM	1	3	22.99	22.97	22.97		
1.4	16QAM	1	5	23.10	22.95	22.84	24	1
1.4	16QAM	3	0	22.64	22.98	22.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.50	21.61	21.58	22.3	0
20	QPSK	1	49	21.60	21.70	21.68		
20	QPSK	1	99	21.46	21.56	21.54		
20	QPSK	50	0	20.51	20.62	20.60	21.3	1
20	QPSK	50	24	20.60	20.70	20.67		
20	QPSK	50	50	20.61	20.67	20.65		
20	QPSK	100	0	20.63	20.66	20.62		
20	16QAM	1	0	20.69	20.70	20.68		
20	16QAM	1	49	20.80	20.83	20.81	21.3	1
20	16QAM	1	99	20.71	20.73	20.71		
20	16QAM	50	0	19.59	19.63	19.58		
20	16QAM	50	24	19.63	19.66	19.59	20.3	2
20	16QAM	50	50	19.64	19.68	19.62		
20	16QAM	100	0	19.60	19.65	19.62		
20	64QAM	1	0	19.65	19.71	19.69		
20	64QAM	1	49	19.63	19.70	19.67	20.3	2
20	64QAM	1	99	19.58	19.68	19.62		
20	64QAM	50	0	18.53	18.63	18.60		
20	64QAM	50	24	18.60	18.70	18.65	19.3	3
20	64QAM	50	50	18.59	18.66	18.62		
20	64QAM	100	0	18.58	18.65	18.61		
20	256QAM	1	0	16.38	16.47	16.44		
20	256QAM	1	49	16.48	16.56	16.55	17.3	5
20	256QAM	1	99	16.40	16.48	16.43		
20	256QAM	50	0	16.41	16.61	16.58		
20	256QAM	50	24	16.55	16.63	16.62	17.3	5
20	256QAM	50	50	16.51	16.61	16.56		
20	256QAM	100	0	16.50	16.58	16.56		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.41	21.56	21.50	22.3	0
15	QPSK	1	37	21.51	21.67	21.68		
15	QPSK	1	74	21.39	21.48	21.51		
15	QPSK	36	0	20.47	20.55	20.49		
15	QPSK	36	20	20.52	20.64	20.65	21.3	1
15	QPSK	36	39	20.54	20.60	20.61		
15	QPSK	75	0	20.60	20.60	20.57		
15	16QAM	1	0	20.68	20.68	20.60		
15	16QAM	1	37	20.70	20.73	20.78	21.3	1
15	16QAM	1	74	20.63	20.65	20.63		
15	16QAM	36	0	19.57	19.53	19.56		
15	16QAM	36	20	19.61	19.60	19.56	20.3	2
15	16QAM	36	39	19.55	19.62	19.58		
15	16QAM	75	0	19.58	19.62	19.50		
15	64QAM	1	0	19.54	19.66	19.58		
15	64QAM	1	37	19.58	19.63	19.65	20.3	2
15	64QAM	1	74	19.56	19.61	19.57		
15	64QAM	36	0	18.52	18.57	18.51		
15	64QAM	36	20	18.52	18.65	18.60	19.3	3
15	64QAM	36	39	18.56	18.62	18.55		
15	64QAM	75	0	18.51	18.63	18.51		
15	256QAM	1	0	16.36	16.40	16.37		
15	256QAM	1	37	16.40	16.48	16.46	17.3	5
15	256QAM	1	74	16.36	16.42	16.42		
15	256QAM	36	0	16.47	16.58	16.58		
15	256QAM	36	20	16.49	16.58	16.54	17.3	5
15	256QAM	36	39	16.46	16.51	16.49		
15	256QAM	75	0	16.44	16.50	16.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.40	21.55	21.53	22.3	0
10	QPSK	1	25	21.52	21.64	21.65		
10	QPSK	1	49	21.39	21.56	21.51		
10	QPSK	25	0	20.45	20.52	20.58		
10	QPSK	25	12	20.60	20.69	20.57	21.3	1
10	QPSK	25	25	20.56	20.68	20.64		
10	QPSK	50	0	20.53	20.56	20.61		
10	16QAM	1	0	20.63	20.69	20.63		
10	16QAM	1	25	20.77	20.76	20.75	21.3	1
10	16QAM	1	49	20.65	20.70	20.68		
10	16QAM	25	0	19.54	19.58	19.53		
10	16QAM	25	12	19.64	19.60	19.58	20.3	2
10	16QAM	25	25	19.62	19.58	19.61		
10	16QAM	50	0	19.53	19.55	19.57		
10	64QAM	1	0	19.63	19.61	19.59		
10	64QAM	1	25	19.66	19.60	19.66	20.3	2
10	64QAM	1	49	19.55	19.60	19.50		
10	64QAM	25	0	18.46	18.58	18.57		
10	64QAM	25	12	18.49	18.71	18.60	19.3	3
10	64QAM	25	25	18.51	18.61	18.59		
10	64QAM	50	0	18.55	18.57	18.59		
10	256QAM	1	0	16.33	16.35	16.37		
10	256QAM	1	25	16.44	16.48	16.46	17.3	5
10	256QAM	1	49	16.37	16.45	16.35		
10	256QAM	25	0	16.47	16.51	16.52		
10	256QAM	25	12	16.52	16.57	16.61	17.3	5
10	256QAM	25	25	16.48	16.60	16.52		
10	256QAM	50	0	16.47	16.52	16.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.46	21.59	21.48	22.3	0
5	QPSK	1	12	21.54	21.64	21.61		
5	QPSK	1	24	21.46	21.51	21.42		
5	QPSK	12	0	20.41	20.57	20.53		
5	QPSK	12	7	20.56	20.61	20.67	21.3	1
5	QPSK	12	13	20.55	20.57	20.61		
5	QPSK	25	0	20.59	20.60	20.56		
5	16QAM	1	0	20.67	20.72	20.62		
5	16QAM	1	12	20.75	20.74	20.76	21.3	1
5	16QAM	1	24	20.59	20.67	20.66		
5	16QAM	12	0	19.52	19.56	19.58		
5	16QAM	12	7	19.59	19.55	19.55	20.3	2
5	16QAM	12	13	19.52	19.67	19.56		
5	16QAM	25	0	19.54	19.61	19.55		
5	64QAM	1	0	19.57	19.65	19.66		
5	64QAM	1	12	19.55	19.60	19.60	20.3	2
5	64QAM	1	24	19.59	19.61	19.54		
5	64QAM	12	0	18.42	18.53	18.59		
5	64QAM	12	7	18.52	18.61	18.61	19.3	3
5	64QAM	12	13	18.61	18.63	18.59		
5	64QAM	25	0	18.51	18.60	18.55		
5	256QAM	1	0	16.38	16.38	16.41		
5	256QAM	1	12	16.45	16.51	16.49	17.3	5
5	256QAM	1	24	16.38	16.45	16.41		
5	256QAM	12	0	16.41	16.51	16.52		
5	256QAM	12	7	16.56	16.61	16.62	17.3	5
5	256QAM	12	13	16.49	16.51	16.45		
5	256QAM	25	0	16.46	16.46	16.52		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.44	21.60	21.52	22.3	0
3	QPSK	1	8	21.49	21.68	21.62		
3	QPSK	1	14	21.39	21.54	21.49		
3	QPSK	8	0	20.47	20.59	20.53		
3	QPSK	8	4	20.56	20.70	20.56	21.3	1
3	QPSK	8	7	20.58	20.56	20.60		
3	QPSK	15	0	20.58	20.59	20.61		
3	16QAM	1	0	20.64	20.63	20.65		
3	16QAM	1	8	20.75	20.78	20.75	21.3	1
3	16QAM	1	14	20.66	20.68	20.62		
3	16QAM	8	0	19.55	19.55	19.55		
3	16QAM	8	4	19.59	19.62	19.49	20.3	2
3	16QAM	8	7	19.56	19.63	19.50		
3	16QAM	15	0	19.53	19.57	19.55		
3	64QAM	1	0	19.63	19.61	19.65		
3	64QAM	1	8	19.53	19.64	19.66	20.3	2
3	64QAM	1	14	19.56	19.62	19.53		
3	64QAM	8	0	18.47	18.58	18.55		
3	64QAM	8	4	18.55	18.67	18.61	19.3	3
3	64QAM	8	7	18.51	18.58	18.55		
3	64QAM	15	0	18.52	18.60	18.51		
3	256QAM	1	0	16.38	16.40	16.42		
3	256QAM	1	8	16.47	16.51	16.49	17.3	5
3	256QAM	1	14	16.39	16.45	16.39		
3	256QAM	8	0	16.47	16.54	16.58		
3	256QAM	8	4	16.48	16.57	16.57	17.3	5
3	256QAM	8	7	16.45	16.58	16.54		
3	256QAM	15	0	16.41	16.52	16.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.47	21.56	21.53	22.3	0
1.4	QPSK	1	3	21.56	21.62	21.62		
1.4	QPSK	1	5	21.35	21.48	21.48		
1.4	QPSK	3	0	21.44	21.55	21.45		
1.4	QPSK	3	1	21.53	21.59	21.51		
1.4	QPSK	3	3	21.33	21.52	21.37		
1.4	QPSK	6	0	20.57	20.63	20.51	21.3	1
1.4	16QAM	1	0	20.68	20.70	20.61	21.3	1
1.4	16QAM	1	3	20.78	20.76	20.71		
1.4	16QAM	1	5	20.68	20.70	20.63		
1.4	16QAM	3	0	20.61	20.67	20.53		
1.4	16QAM	3	1	20.78	20.72	20.64		
1.4	16QAM	3	3	20.62	20.61	20.52		
1.4	16QAM	6	0	19.56	19.64	19.58	20.3	2
1.4	64QAM	1	0	19.67	19.67	19.62	20.3	2
1.4	64QAM	1	3	19.53	19.58	19.55		
1.4	64QAM	1	5	19.57	19.66	19.55		
1.4	64QAM	3	0	19.47	19.56	19.50		
1.4	64QAM	3	1	19.49	19.47	19.51		
1.4	64QAM	3	3	19.49	19.62	19.44		
1.4	64QAM	6	0	18.53	18.59	18.56	19.3	3
1.4	256QAM	1	0	16.33	16.47	16.38	17.3	5
1.4	256QAM	1	3	16.38	16.48	16.50		
1.4	256QAM	1	5	16.35	16.38	16.34		
1.4	256QAM	3	0	16.47	16.50	16.59		
1.4	256QAM	3	1	16.55	16.57	16.51		
1.4	256QAM	3	3	16.50	16.55	16.53		
1.4	256QAM	6	0	16.44	16.56	16.55	17.3	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	22.21	22.35	22.31	23.8	0
20	QPSK	1	49	22.24	22.38	22.36		
20	QPSK	1	99	22.08	22.24	22.19		
20	QPSK	50	0	21.19	21.36	21.28	22.8	1
20	QPSK	50	24	21.17	21.38	21.30		
20	QPSK	50	50	21.14	21.36	21.28		
20	QPSK	100	0	21.17	21.41	21.35		
20	16QAM	1	0	21.18	21.41	21.34		
20	16QAM	1	49	21.20	21.46	21.46	22.8	1
20	16QAM	1	99	21.20	21.43	21.33		
20	16QAM	50	0	20.19	20.39	20.28		
20	16QAM	50	24	20.15	20.36	20.23	21.8	2
20	16QAM	50	50	20.12	20.35	20.20		
20	16QAM	100	0	20.13	20.37	20.23		
20	64QAM	1	0	20.16	20.38	20.25		
20	64QAM	1	49	20.30	20.54	20.44	21.8	2
20	64QAM	1	99	20.19	20.44	20.31		
20	64QAM	50	0	19.25	19.35	19.33		
20	64QAM	50	24	19.22	19.32	19.31	20.8	3
20	64QAM	50	50	19.23	19.31	19.29		
20	64QAM	100	0	19.22	19.30	19.27		
20	256QAM	1	0	17.03	17.11	17.09		
20	256QAM	1	49	17.19	17.28	17.24	18.8	5
20	256QAM	1	99	17.06	17.17	17.12		
20	256QAM	50	0	17.26	17.33	17.32		
20	256QAM	50	24	17.21	17.31	17.30	18.8	5
20	256QAM	50	50	17.25	17.32	17.29		
20	256QAM	100	0	17.25	17.34	17.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.10	22.30	22.24	23.8	0
15	QPSK	1	37	22.17	22.33	22.29		
15	QPSK	1	74	22.08	22.18	22.12		
15	QPSK	36	0	21.06	21.37	21.23		
15	QPSK	36	20	21.08	21.32	21.22	22.8	1
15	QPSK	36	39	21.03	21.29	21.25		
15	QPSK	75	0	21.16	21.34	21.23		
15	16QAM	1	0	21.08	21.32	21.28		
15	16QAM	1	37	21.19	21.48	21.40	22.8	1
15	16QAM	1	74	21.12	21.40	21.32		
15	16QAM	36	0	20.07	20.36	20.24		
15	16QAM	36	20	20.09	20.29	20.17	21.8	2
15	16QAM	36	39	20.00	20.30	20.16		
15	16QAM	75	0	20.12	20.33	20.19		
15	64QAM	1	0	20.05	20.33	20.18		
15	64QAM	1	37	20.28	20.49	20.42	21.8	2
15	64QAM	1	74	20.08	20.36	20.28		
15	64QAM	36	0	19.21	19.25	19.27		
15	64QAM	36	20	19.18	19.22	19.26	20.8	3
15	64QAM	36	39	19.15	19.25	19.26		
15	64QAM	75	0	19.19	19.23	19.25		
15	256QAM	1	0	17.04	17.02	16.99		
15	256QAM	1	37	17.12	17.24	17.22	18.8	5
15	256QAM	1	74	17.02	17.07	17.05		
15	256QAM	36	0	17.21	17.27	17.25		
15	256QAM	36	20	17.15	17.31	17.21	18.8	5
15	256QAM	36	39	17.22	17.28	17.21		
15	256QAM	75	0	17.20	17.27	17.25		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.13	22.28	22.24	23.8	0
10	QPSK	1	25	22.25	22.27	22.31		
10	QPSK	1	49	22.01	22.16	22.11		
10	QPSK	25	0	21.09	21.32	21.26		
10	QPSK	25	12	21.09	21.28	21.27	22.8	1
10	QPSK	25	25	21.10	21.31	21.25		
10	QPSK	50	0	21.10	21.40	21.34		
10	16QAM	1	0	21.15	21.36	21.27		
10	16QAM	1	25	21.27	21.42	21.38	22.8	1
10	16QAM	1	49	21.16	21.42	21.29		
10	16QAM	25	0	20.09	20.39	20.24		
10	16QAM	25	12	20.08	20.31	20.14	21.8	2
10	16QAM	25	25	20.05	20.25	20.10		
10	16QAM	50	0	20.05	20.32	20.17		
10	64QAM	1	0	20.13	20.30	20.19		
10	64QAM	1	25	20.26	20.52	20.45	21.8	2
10	64QAM	1	49	20.16	20.41	20.27		
10	64QAM	25	0	19.18	19.30	19.25		
10	64QAM	25	12	19.19	19.26	19.26	20.8	3
10	64QAM	25	25	19.15	19.19	19.21		
10	64QAM	50	0	19.17	19.21	19.24		
10	256QAM	1	0	16.97	17.10	17.03		
10	256QAM	1	25	17.15	17.27	17.17	18.8	5
10	256QAM	1	49	17.05	17.14	17.04		
10	256QAM	25	0	17.23	17.31	17.29		
10	256QAM	25	12	17.17	17.25	17.28	18.8	5
10	256QAM	25	25	17.18	17.26	17.25		
10	256QAM	50	0	17.22	17.28	17.24		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.15	22.30	22.26	23.8	0
5	QPSK	1	12	22.25	22.36	22.24		
5	QPSK	1	24	22.05	22.16	22.17		
5	QPSK	12	0	21.12	21.28	21.16		
5	QPSK	12	7	21.12	21.30	21.25	22.8	1
5	QPSK	12	13	21.12	21.29	21.19		
5	QPSK	25	0	21.15	21.35	21.31		
5	16QAM	1	0	21.12	21.23	21.23		
5	16QAM	1	12	21.23	21.43	21.44	22.8	1
5	16QAM	1	24	21.11	21.38	21.26		
5	16QAM	12	0	20.13	20.35	20.27		
5	16QAM	12	7	20.07	20.32	20.19	21.8	2
5	16QAM	12	13	20.07	20.31	20.11		
5	16QAM	25	0	20.04	20.35	20.19		
5	64QAM	1	0	20.09	20.33	20.16		
5	64QAM	1	12	20.28	20.48	20.36	21.8	2
5	64QAM	1	24	20.15	20.39	20.27		
5	64QAM	12	0	19.20	19.23	19.27		
5	64QAM	12	7	19.17	19.24	19.25	20.8	3
5	64QAM	12	13	19.23	19.31	19.26		
5	64QAM	25	0	19.15	19.28	19.21		
5	256QAM	1	0	16.97	17.10	17.04		
5	256QAM	1	12	17.07	17.19	17.22	18.8	5
5	256QAM	1	24	16.96	17.17	17.02		
5	256QAM	12	0	17.27	17.25	17.20		
5	256QAM	12	7	17.15	17.23	17.26	18.8	5
5	256QAM	12	13	17.20	17.31	17.20		
5	256QAM	25	0	17.19	17.33	17.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.10	22.30	22.26	23.8	0
3	QPSK	1	8	22.18	22.32	22.33		
3	QPSK	1	14	22.09	22.13	22.14		
3	QPSK	8	0	21.14	21.30	21.19		
3	QPSK	8	4	21.14	21.30	21.26	22.8	1
3	QPSK	8	7	21.07	21.34	21.28		
3	QPSK	15	0	21.07	21.31	21.27		
3	16QAM	1	0	21.14	21.30	21.25		
3	16QAM	1	8	21.27	21.46	21.42	22.8	1
3	16QAM	1	14	21.18	21.34	21.28		
3	16QAM	8	0	20.09	20.28	20.19		
3	16QAM	8	4	20.12	20.28	20.17	21.8	2
3	16QAM	8	7	20.04	20.30	20.17		
3	16QAM	15	0	20.12	20.31	20.20		
3	64QAM	1	0	20.07	20.31	20.24		
3	64QAM	1	8	20.18	20.44	20.40	21.8	2
3	64QAM	1	14	20.14	20.45	20.31		
3	64QAM	8	0	19.25	19.27	19.27		
3	64QAM	8	4	19.25	19.29	19.22	20.8	3
3	64QAM	8	7	19.17	19.27	19.29		
3	64QAM	15	0	19.15	19.27	19.24		
3	256QAM	1	0	16.93	17.08	17.04		
3	256QAM	1	8	17.19	17.18	17.19	18.8	5
3	256QAM	1	14	16.97	17.11	17.07		
3	256QAM	8	0	17.19	17.26	17.29		
3	256QAM	8	4	17.15	17.26	17.22	18.8	5
3	256QAM	8	7	17.26	17.31	17.24		
3	256QAM	15	0	17.21	17.33	17.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.14	22.34	22.27	23.8	0
1.4	QPSK	1	3	22.15	22.33	22.26		
1.4	QPSK	1	5	22.02	22.17	22.13		
1.4	QPSK	3	0	22.10	22.31	22.20		
1.4	QPSK	3	1	22.14	22.26	22.20		
1.4	QPSK	3	3	22.02	22.13	22.09		
1.4	16QAM	1	0	21.10	21.34	21.30	22.8	1
1.4	16QAM	1	0	21.13	21.35	21.26	22.8	1
1.4	16QAM	1	3	21.24	21.47	21.42		
1.4	16QAM	1	5	21.14	21.37	21.30		
1.4	16QAM	3	0	21.02	21.31	21.17		
1.4	16QAM	3	1	21.16	21.39	21.39		
1.4	16QAM	3	3	21.10	21.35	21.23		
1.4	16QAM	6	0	20.06	20.37	20.15	21.8	2
1.4	64QAM	1	0	20.33	20.51	20.41	21.8	2
1.4	64QAM	1	3	20.27	20.47	20.41		
1.4	64QAM	1	5	20.09	20.35	20.25		
1.4	64QAM	3	0	20.07	20.32	20.16		
1.4	64QAM	3	1	20.25	20.44	20.31		
1.4	64QAM	3	3	20.05	20.31	20.25		
1.4	64QAM	6	0	19.17	19.18	19.23	20.8	3
1.4	256QAM	1	0	16.97	17.03	17.01	18.8	5
1.4	256QAM	1	3	17.11	17.20	17.16		
1.4	256QAM	1	5	17.02	17.12	17.02		
1.4	256QAM	3	0	16.88	16.95	16.97		
1.4	256QAM	3	1	17.07	17.11	17.11		
1.4	256QAM	3	3	16.98	17.08	16.99		
1.4	256QAM	6	0	17.24	17.31	17.27	18.8	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	21.31	21.40	21.41	22.9	0
20	QPSK	1	49	21.43	21.50	21.48		
20	QPSK	1	99	21.37	21.43	21.44		
20	QPSK	50	0	20.42	20.48	20.47	21.9	1
20	QPSK	50	24	20.47	20.53	20.49		
20	QPSK	50	50	20.46	20.51	20.48		
20	QPSK	100	0	20.42	20.48	20.45		
20	16QAM	1	0	20.45	20.52	20.50		
20	16QAM	1	49	20.47	20.53	20.53	21.9	1
20	16QAM	1	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	21.28	21.32	21.24		
20	QPSK	1	49	21.35	21.38	21.31	22.3	0
20	QPSK	1	99	21.23	21.24	21.15		
20	QPSK	50	0	20.30	20.33	20.26		
20	QPSK	50	24	20.31	20.36	20.27	21.3	1
20	QPSK	50	50	20.22	20.28	20.17		
20	QPSK	100	0	20.26	20.31	20.18		
20	16QAM	1	0	20.23	20.30	20.19		
20	16QAM	1	49	20.34	20.42	20.32	21.3	1
20	16QAM	1	99	20.23	20.29	20.22		
20	16QAM	50	0	19.23	19.28	19.19		
20	16QAM	50	24	19.24	19.30	19.24	20.3	2
20	16QAM	50	50	19.19	19.25	19.20		
20	16QAM	100	0	19.22	19.28	19.26		
20	64QAM	1	0	19.21	19.26	19.26		
20	64QAM	1	49	19.27	19.35	19.38	20.3	2
20	64QAM	1	99	19.08	19.18	19.19		
20	64QAM	50	0	18.16	18.24	18.23		
20	64QAM	50	24	18.21	18.28	18.27	19.3	3
20	64QAM	50	50	18.14	18.23	18.21		
20	64QAM	100	0	18.16	18.23	18.22		
20	256QAM	1	0	16.15	16.23	16.19		
20	256QAM	1	49	16.28	16.35	16.32	17.3	5
20	256QAM	1	99	16.15	16.23	16.21		
20	256QAM	50	0	16.25	16.35	16.34		
20	256QAM	50	24	16.34	16.45	16.42	17.3	5
20	256QAM	50	50	16.33	16.41	16.36		
20	256QAM	100	0	16.30	16.37	16.36		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.28	21.31	21.19		
15	QPSK	1	37	21.34	21.31	21.21	22.3	0
15	QPSK	1	74	21.15	21.15	21.10		
15	QPSK	36	0	20.24	20.29	20.17		
15	QPSK	36	20	20.29	20.26	20.22	21.3	1
15	QPSK	36	39	20.16	20.24	20.17		
15	QPSK	75	0	20.20	20.26	20.13		
15	16QAM	1	0	20.21	20.21	20.17		
15	16QAM	1	37	20.31	20.34	20.27	21.3	1
15	16QAM	1	74	20.12	20.21	20.19		
15	16QAM	36	0	19.21	19.27	19.20		
15	16QAM	36	20	19.17	19.27	19.17	20.3	2
15	16QAM	36	39	19.15	19.16	19.16		
15	16QAM	75	0	19.18	19.17	19.17		
15	64QAM	1	0	19.09	19.18	19.21		
15	64QAM	1	37	19.19	19.28	19.27	20.3	2
15	64QAM	1	74	19.01	19.15	19.11		
15	64QAM	36	0	18.13	18.12	18.22		
15	64QAM	36	20	18.12	18.21	18.20	19.3	3
15	64QAM	36	39	18.07	18.22	18.15		
15	64QAM	75	0	18.14	18.18	18.20		
15	256QAM	1	0	16.13	16.17	16.19		
15	256QAM	1	37	16.26	16.36	16.32	17.3	5
15	256QAM	1	74	16.06	16.20	16.16		
15	256QAM	36	0	16.26	16.32	16.34		
15	256QAM	36	20	16.29	16.41	16.37	17.3	5
15	256QAM	36	39	16.29	16.39	16.35		
15	256QAM	75	0	16.25	16.32	16.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.20	21.27	21.12		
10	QPSK	1	25	21.31	21.32	21.27	22.3	0
10	QPSK	1	49	21.13	21.18	21.05		
10	QPSK	25	0	20.24	20.30	20.22		
10	QPSK	25	12	20.31	20.34	20.28	21.3	1
10	QPSK	25	25	20.15	20.26	20.09		
10	QPSK	50	0	20.23	20.31	20.13		
10	16QAM	1	0	20.19	20.24	20.10		
10	16QAM	1	25	20.26	20.39	20.27	21.3	1
10	16QAM	1	49	20.21	20.25	20.14		
10	16QAM	25	0	19.16	19.26	19.10		
10	16QAM	25	12	19.16	19.25	19.22	20.3	2
10	16QAM	25	25	19.10	19.22	19.21		
10	16QAM	50	0	19.13	19.23	19.16		
10	64QAM	1	0	19.18	19.18	19.21		
10	64QAM	1	25	19.24	19.30	19.29	20.3	2
10	64QAM	1	49	19.06	19.16	19.14		
10	64QAM	25	0	18.14	18.18	18.23		
10	64QAM	25	12	18.14	18.21	18.16	19.3	3
10	64QAM	25	25	18.04	18.17	18.18		
10	64QAM	50	0	18.08	18.20	18.20		
10	256QAM	1	0	16.07	16.22	16.14		
10	256QAM	1	25	16.18	16.34	16.25	17.3	5
10	256QAM	1	49	16.09	16.15	16.16		
10	256QAM	25	0	16.14	16.27	16.23		
10	256QAM	25	12	16.23	16.44	16.30	17.3	5
10	256QAM	25	25	16.28	16.35	16.29		
10	256QAM	50	0	16.22	16.29	16.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.25	21.24	21.14		
5	QPSK	1	12	21.25	21.36	21.29	22.3	0
5	QPSK	1	24	21.16	21.13	21.12		
5	QPSK	12	0	20.27	20.32	20.19		
5	QPSK	12	7	20.24	20.32	20.17	21.3	1
5	QPSK	12	13	20.22	20.19	20.16		
5	QPSK	25	0	20.17	20.27	20.11		
5	16QAM	1	0	20.15	20.25	20.15		
5	16QAM	1	12	20.26	20.36	20.27	21.3	1
5	16QAM	1	24	20.16	20.27	20.19		
5	16QAM	12	0	19.20	19.25	19.19		
5	16QAM	12	7	19.17	19.18	19.19		
5	16QAM	12	13	19.07	19.22	19.18	20.3	2
5	16QAM	25	0	19.18	19.19	19.17		
5	64QAM	1	0	19.13	19.18	19.14		
5	64QAM	1	12	19.23	19.36	19.32	20.3	2
5	64QAM	1	24	19.03	19.13	19.18		
5	64QAM	12	0	18.13	18.14	18.20		
5	64QAM	12	7	18.11	18.22	18.17	19.3	3
5	64QAM	12	13	18.04	18.18	18.18		
5	64QAM	25	0	18.06	18.16	18.16		
5	256QAM	1	0	16.07	16.18	16.09		
5	256QAM	1	12	16.23	16.30	16.30	17.3	5
5	256QAM	1	24	16.15	16.17	16.18		
5	256QAM	12	0	16.23	16.32	16.27		
5	256QAM	12	7	16.32	16.37	16.34	17.3	5
5	256QAM	12	13	16.32	16.35	16.30		
5	256QAM	25	0	16.30	16.32	16.31		

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BW [MHz]	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	22.90	22.93	22.81		
20	QPSK	1	49	22.95	23.00	22.88	24	0
20	QPSK	1	99	22.82	22.89	22.78		
20	QPSK	50	0	21.79	21.89	21.79		
20	QPSK	50	24	21.80	21.91	21.81	23	1
20	QPSK	50	50	21.75	21.88	21.80		
20	QPSK	100	0	21.77	21.89	21.80		
20	16QAM	1	0	21.76	21.86	21.78		
20	16QAM	1	49	21.91	22.03	21.95	23	1
20	16QAM	1	99	21.84	21.94	21.87		
20	16QAM	50	0	20.75	20.86	20.76		
20	16QAM	50	24	20.77	20.85	20.77	22	2
20	16QAM	50	50	20.77	20.86	20.79		
20	16QAM	100	0	20.71	20.81	20.71		
20	64QAM	1	0	20.69	20.78	20.70		
20	64QAM	1	49	20.88	20.94	20.83	22	2
20	64QAM	1	99	20.80	20.83	20.72		
20	64QAM	50	0	19.75	19.84	19.81		
20	64QAM	50	24	19.74	19.85	19.82	21	3
20	64QAM	50	50	19.73	19.82	19.78		
20	64QAM	100	0	19.72	19.80	19.75		
20	256QAM	1	0	17.73	17.81	17.77		
20	256QAM	1	49	17.90	17.98	17.97	19	5
20	256QAM	1	99	17.82	17.92	17.88		
20	256QAM	50	0	17.88	17.95	17.91		
20	256QAM	50	24	17.90	18.01	17.98	19	5
20	256QAM	50	50	17.93	18.02	17.99		
20	256QAM	100	0	17.90	17.98	17.97		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.87	22.90	22.76		
15	QPSK	1	37	22.91	22.93	22.87	24	0
15	QPSK	1	74	22.80	22.80	22.70		
15	QPSK	36	0	21.71	21.80	21.77		
15	QPSK	36	20	21.73	21.92	21.72	23	1
15	QPSK	36	39	21.73	21.88	21.73		
15	QPSK	75	0	21.66	21.79	21.71		
15	16QAM	1	0	21.71	21.77	21.73		
15	16QAM	1	37	21.86	22.01	21.87	23	1
15	16QAM	1	74	21.79	21.89	21.85		
15	16QAM	36	0	20.63	20.79	20.68		
15	16QAM	36	20	20.69	20.80	20.71	22	2
15	16QAM	36	39	20.71	20.79	20.67		
15	16QAM	75	0	20.67	20.78	20.64		
15	64QAM	1	0	20.63	20.71	20.66		
15	64QAM	1	37	20.84	20.91	20.75	22	2
15	64QAM	1	74	20.79	20.80	20.65		
15	64QAM	36	0	19.68	19.83	19.77		
15	64QAM	36	20	19.65	19.77	19.83	21	3
15	64QAM	36	39	19.64	19.77	19.74		
15	64QAM	75	0	19.68	19.74	19.64		
15	256QAM	1	0	17.67	17.73	17.75		
15	256QAM	1	37	17.80	17.96	17.86	19	5
15	256QAM	1	74	17.77	17.85	17.79		
15	256QAM	36	0	17.80	17.88	17.91		
15	256QAM	36	20	17.82	17.97	17.90	19	5
15	256QAM	36	39	17.89	17.90	17.94		
15	256QAM	75	0	17.82	17.96	17.96		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.84	22.85	22.75		
10	QPSK	1	25	22.91	22.92	22.84	24	0
10	QPSK	1	49	22.73	22.79	22.70		
10	QPSK	25	0	21.73	21.82	21.78		
10	QPSK	25	12	21.75	21.81	21.79	23	1
10	QPSK	25	25	21.68	21.82	21.77		
10	QPSK	50	0	21.78	21.80	21.78		
10	16QAM	1	0	21.71	21.87	21.71		
10	16QAM	1	25	21.89	22.00	21.87	23	1
10	16QAM	1	49	21.84	21.89	21.76		
10	16QAM	25	0	20.70	20.81	20.77		
10	16QAM	25	12	20.72	20.81	20.71	22	2
10	16QAM	25	25	20.73	20.82	20.70		
10	16QAM	50	0	20.67	20.72	20.60		
10	64QAM	1	0	20.66	20.73	20.63		
10	64QAM	1	25	20.85	20.91	20.78	22	2
10	64QAM	1	49	20.74	20.73	20.66		
10	64QAM	25	0	19.67	19.78	19.77		
10	64QAM	25	12	19.69	19.80	19.78	21	3
10	64QAM	25	25	19.67	19.75	19.74		
10	64QAM	50	0	19.65	19.70	19.74		
10	256QAM	1	0	17.68	17.73	17.71		
10	256QAM	1	25	17.87	17.91	17.91	19	5
10	256QAM	1	49	17.77	17.86	17.80		
10	256QAM	25	0	17.84	17.93	17.79		
10	256QAM	25	12	17.89	17.98	17.90	19	5
10	256QAM	25	25	17.88	17.97	17.90		
10	256QAM	50	0	17.83	17.95	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.86	22.87	22.79		
5	QPSK	1	12	22.88	22.89	22.85	24	0
5	QPSK	1	24	22.75	22.87	22.75		
5	QPSK	12	0	21.75	21.84	21.73		
5	QPSK	12	7	21.71	21.86	21.75	23	1
5	QPSK	12	13	21.65	21.85	21.74		
5	QPSK	25	0	21.74	21.86	21.70		
5	16QAM	1	0	21.65	21.77	21.68		
5	16QAM	1	12	21.81	21.94	21.90	23	1
5	16QAM	1	24	21.76	21.89	21.82		
5	16QAM	12	0	20.68	20.80	20.69		
5	16QAM	12	7	20.71	20.83	20.73	22	2
5	16QAM	12	13	20.76	20.82	20.75		
5	16QAM	25	0	20.61	20.75	20.64		
5	64QAM	1	0	20.62	20.75	20.66		
5	64QAM	1	12	20.86	20.86	20.75	22	2
5	64QAM	1	24	20.75	20.77	20.69		
5	64QAM	12	0	19.75	19.80	19.79		
5	64QAM	12	7	19.67	19.74	19.78	21	3
5	64QAM	12	13	19.71	19.71	19.72		
5	64QAM	25	0	19.66	19.79	19.73		
5	256QAM	1	0	17.62	17.77	17.73		
5	256QAM	1	12	17.81	17.92	17.88	19	5
5	256QAM	1	24	17.71	17.88	17.83		
5	256QAM	12	0	17.77	17.92	17.85		
5	256QAM	12	7	17.78	17.94	17.89	19	5
5	256QAM	12	13	17.86	17.95	17.94		
5	256QAM	25	0	17.85	17.95	17.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.26	21.31	21.28		
20	QPSK	1	49	21.37	21.41	21.38	22.9	0
20	QPSK	1	99	21.30	21.31	21.30		
20	QPSK	50	0	20.24	20.28	20.26		
20	QPSK	50	24	20.28	20.32	20.29	21.9	1
20	QPSK	50	50	20.28	20.31	20.28		
20	QPSK	100	0	20.24	20.28	20.25		
20	16QAM	1	0	20.19	20.26	20.20		
20	16QAM	1	49	20.35	20.43	20.35	21.9	1
20	16QAM	1	99	20.29	20.34	20.24		
20	16QAM	50	0	19.20	19.26	19.15		
20	16QAM	50	24	19.20	19.26	19.14	20.9	2
20	16QAM	50	50	19.17	19.25	19.13		
20	16QAM	100	0	19.23	19.29	19.18		
20	64QAM	1	0	19.14	19.21	19.07		
20	64QAM	1	49	19.26	19.33	19.17	20.9	2
20	64QAM	1	99	19.13	19.22	19.07		
20	64QAM	50	0	18.15	18.24	18.20		
20	64QAM	50	24	18.12	18.22	18.20	19.9	3
20	64QAM	50	50	18.16	18.25	18.23		
20	64QAM	100	0	18.13	18.21	18.19		
20	256QAM	1	0	16.10	16.17	16.12		
20	256QAM	1	49	16.26	16.35	16.31	17.9	5
20	256QAM	1	99	16.21	16.31	16.29		
20	256QAM	50	0	16.28	16.37	16.34		
20	256QAM	50	24	16.32	16.41	16.37	17.9	5
20	256QAM	50	50	16.27	16.38	16.33		
20	256QAM	100	0	16.28	16.35	16.31		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.20	21.23	21.23		
15	QPSK	1	37	21.29	21.34	21.27	22.9	0
15	QPSK	1	74	21.27	21.21	21.24		
15	QPSK	36	0	20.19	20.20	20.19		
15	QPSK	36	20	20.18	20.29	20.18	21.9	1
15	QPSK	36	39	20.20	20.29	20.18		
15	QPSK	75	0	20.19	20.25	20.20		
15	16QAM	1	0	20.16	20.21	20.13		
15	16QAM	1	37	20.31	20.42	20.30	21.9	1
15	16QAM	1	74	20.20	20.28	20.19		
15	16QAM	36	0	19.09	19.20	19.12		
15	16QAM	36	20	19.13	19.17	19.15	20.9	2
15	16QAM	36	39	19.16	19.15	19.07		
15	16QAM	75	0	19.19	19.24	19.16		
15	64QAM	1	0	19.06	19.15	18.99		
15	64QAM	1	37	19.19	19.21	19.12	20.9	2
15	64QAM	1	74	19.08	19.19	18.96		
15	64QAM	36	0	18.08	18.21	18.13		
15	64QAM	36	20	18.05	18.18	18.09	19.9	3
15	64QAM	36	39	18.10	18.19	18.16		
15	64QAM	75	0	18.07	18.18	18.08		
15	256QAM	1	0	16.02	16.12	16.07		
15	256QAM	1	37	16.21	16.27	16.26	17.9	5
15	256QAM	1	74	16.13	16.26	16.26		
15	256QAM	36	0	16.17	16.37	16.27		
15	256QAM	36	20	16.30	16.33	16.35	17.9	5
15	256QAM	36	39	16.21	16.35	16.27		
15	256QAM	75	0	16.24	16.33	16.28		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.24	21.25	21.26		
10	QPSK	1	25	21.35	21.35	21.35	22.9	0
10	QPSK	1	49	21.21	21.28	21.21		
10	QPSK	25	0	20.18	20.26	20.18		
10	QPSK	25	12	20.23	20.25	20.27	21.9	1
10	QPSK	25	25	20.28	20.29	20.28		
10	QPSK	50	0	20.22	20.23	20.22		
10	16QAM	1	0	20.10	20.26	20.19		
10	16QAM	1	25	20.29	20.41	20.30	21.9	1
10	16QAM	1	49	20.24	20.31	20.25		
10	16QAM	25	0	19.14	19.18	19.11		
10	16QAM	25	12	19.13	19.21	19.14	20.9	2
10	16QAM	25	25	19.14	19.19	19.06		
10	16QAM	50	0	19.17	19.21	19.09		
10	64QAM	1	0	19.09	19.12	19.05		
10	64QAM	1	25	19.20	19.21	19.13	20.9	2
10	64QAM	1	49	19.13	19.16	19.03		
10	64QAM	25	0	18.09	18.21	18.16		
10	64QAM	25	12	18.03	18.16	18.17	19.9	3
10	64QAM	25	25	18.13	18.21	18.16		
10	64QAM	50	0	18.08	18.20	18.12		
10	256QAM	1	0	16.07	16.17	16.01		
10	256QAM	1	25	16.16	16.24	16.27	17.9	5
10	256QAM	1	49	16.10	16.22	16.20		
10	256QAM	25	0	16.23	16.37	16.23		
10	256QAM	25	12	16.30	16.34	16.30	17.9	5
10	256QAM	25	25	16.21	16.34	16.26		
10	256QAM	50	0	16.29	16.24	16.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.21	21.24	21.27		
5	QPSK	1	12	21.32	21.36	21.32	22.9	0
5	QPSK	1	24	21.21	21.31	21.26		
5	QPSK	12	0	20.13	20.21	20.22		
5	QPSK	12	7	20.28	20.33	20.23	21.9	1
5	QPSK	12	13	20.19	20.27	20.23		
5	QPSK	25	0	20.21	20.26	20.22		
5	16QAM	1	0	20.13	20.21	20.12		
5	16QAM	1	12	20.27	20.40	20.32	21.9	1
5	16QAM	1	24	20.24	20.30	20.17		
5	16QAM	12	0	19.14	19.14	19.10		
5	16QAM	12	7	19.12	19.21	19.07	20.9	2
5	16QAM	12	13	19.10	19.13	19.11		
5	16QAM	25	0	19.22	19.20	19.15		
5	64QAM	1	0	19.12	19.15	19.00		
5	64QAM	1	12	19.20	19.27	19.15	20.9	2
5	64QAM	1	24	19.09	19.17	19.00		
5	64QAM	12	0	18.08	18.19	18.12		
5	64QAM	12	7	18.05	18.11	18.16	19.9	3
5	64QAM	12	13	18.13	18.24	18.20		
5	64QAM	25	0	18.10	18.15	18.17		
5	256QAM	1	0	16.08	16.10	16.08		
5	256QAM	1	12	16.20	16.35	16.22	17.9	5
5	256QAM	1	24	16.12	16.23	16.25		
5	256QAM	12	0	16.24	16.30	16.24		
5	256QAM	12	7	16.23	16.34	16.30	17.9	5
5	256QAM	12	13	16.23	16.29	16.25		
5	256QAM	25	0	16.26	16.24	16.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.01	24.11	24.07	25	0
20	QPSK	1	49	24.08	24.19	24.15		
20	QPSK	1	99	23.95	24.09	24.02		
20	QPSK	50	0	22.97	23.10	23.03	24	1
20	QPSK	50	24	22.99	23.13	23.08		
20	QPSK	50	50	22.96	23.11	23.03		
20	QPSK	100	0	22.91	23.09	22.99		
20	16QAM	1	0	22.92	23.08	23.00	24	1
20	16QAM	1	49	23.12	23.25	23.14		
20	16QAM	1	99	23.05	23.17	23.08		
20	16QAM	50	0	21.96	22.08	22.01	23	2
20	16QAM	50	24	21.97	22.09	22.03		
20	16QAM	50	50	21.98	22.11	22.02		
20	16QAM	100	0	21.92	22.06	21.97		
20	64QAM	1	0	21.87	22.01	21.89	23	2
20	64QAM	1	49	22.01	22.15	22.06		
20	64QAM	1	99	21.93	22.07	21.96		
20	64QAM	50	0	20.93	21.04	21.01	22	3
20	64QAM	50	24	21.02	21.09	21.08		
20	64QAM	50	50	20.97	21.07	21.03		
20	64QAM	100	0	20.91	21.02	21.01		
20	256QAM	1	0	18.90	18.99	18.95	20	5
20	256QAM	1	49	19.10	19.18	19.16		
20	256QAM	1	99	18.98	19.08	19.05		
20	256QAM	50	0	19.14	19.21	19.20	20	5
20	256QAM	50	24	19.16	19.23	19.18		
20	256QAM	50	50	19.12	19.20	19.18		
20	256QAM	100	0	19.07	19.18	19.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.93	24.08	24.01	25	0
15	QPSK	1	37	24.01	24.14	24.15		
15	QPSK	1	74	23.92	24.08	23.96		
15	QPSK	36	0	22.96	23.00	22.95	24	1
15	QPSK	36	20	22.99	23.06	22.98		
15	QPSK	36	39	22.85	23.05	22.97		
15	QPSK	75	0	22.84	23.04	22.88		
15	16QAM	1	0	22.83	23.02	22.92	24	1
15	16QAM	1	37	23.06	23.18	23.11		
15	16QAM	1	74	22.97	23.12	23.02		
15	16QAM	36	0	21.90	21.99	21.96	23	2
15	16QAM	36	20	21.96	22.04	21.99		
15	16QAM	36	39	21.88	22.08	22.02		
15	16QAM	75	0	21.87	22.04	21.91		
15	64QAM	1	0	21.80	21.96	21.84	23	2
15	64QAM	1	37	22.00	22.03	21.97		
15	64QAM	1	74	21.90	22.05	21.88		
15	64QAM	36	0	20.83	20.96	20.92	22	3
15	64QAM	36	20	20.96	21.03	20.98		
15	64QAM	36	39	20.91	21.00	20.97		
15	64QAM	75	0	20.88	20.96	20.94		
15	256QAM	1	0	18.85	18.94	18.88	20	5
15	256QAM	1	37	19.03	19.08	19.10		
15	256QAM	1	74	18.96	19.01	19.01		
15	256QAM	36	0	19.03	19.12	19.21	20	5
15	256QAM	36	20	19.06	19.21	19.12		
15	256QAM	36	39	19.10	19.19	19.18		
15	256QAM	75	0	19.01	19.13	19.04		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.96	24.11	23.97	25	0
10	QPSK	1	25	24.02	24.18	24.09		
10	QPSK	1	49	23.91	24.06	23.94		
10	QPSK	25	0	22.91	23.03	22.99	24	1
10	QPSK	25	12	22.96	23.08	22.99		
10	QPSK	25	25	22.88	23.06	22.94		
10	QPSK	50	0	22.85	23.01	22.93		
10	16QAM	1	0	22.88	23.08	22.93	24	1
10	16QAM	1	25	23.01	23.18	23.04		
10	16QAM	1	49	23.03	23.14	23.01		
10	16QAM	25	0	21.88	22.01	22.00	23	2
10	16QAM	25	12	21.97	22.08	21.93		
10	16QAM	25	25	21.90	22.08	21.95		
10	16QAM	50	0	21.85	22.04	21.86		
10	64QAM	1	0	21.78	21.95	21.79	23	2
10	64QAM	1	25	21.95	22.09	22.04		
10	64QAM	1	49	21.86	21.99	21.90		
10	64QAM	25	0	20.84	20.97	20.99	22	3
10	64QAM	25	12	20.98	21.03	21.05		
10	64QAM	25	25	20.94	20.96	21.00		
10	64QAM	50	0	20.87	20.97	20.92		
10	256QAM	1	0	18.85	18.90	18.88	20	5
10	256QAM	1	25	18.99	19.09	19.06		
10	256QAM	1	49	18.96	18.99	19.05		
10	256QAM	25	0	19.09	19.16	19.16	20	5
10	256QAM	25	12	19.08	19.18	19.15		
10	256QAM	25	25	19.01	19.16	19.07		
10	256QAM	50	0	19.06	19.11	19.13		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.92	23.99	24.01	25	0
5	QPSK	1	12	24.01	24.17	24.10		
5	QPSK	1	24	23.86	24.01	24.00		
5	QPSK	12	0	22.90	23.06	23.00	24	1
5	QPSK	12	7	22.97	23.08	22.99		
5	QPSK	12	13	22.97	23.01	22.95		
5	QPSK	25	0	22.81	23.04	22.91		
5	16QAM	1	0	22.90	23.02	22.99	24	1
5	16QAM	1	12	23.05	23.18	23.10		
5	16QAM	1	24	23.02	23.11	23.06		
5	16QAM	12	0	21.87	22.00	21.98	23	2
5	16QAM	12	7	21.90	22.03	21.95		
5	16QAM	12	13	21.97	22.07	21.99		
5	16QAM	25	0	21.92	22.04	21.94		
5	64QAM	1	0	21.77	21.94	21.87	23	2
5	64QAM	1	12	21.92	22.12	22.06		
5	64QAM	1	24	21.89	21.99	21.89		
5	64QAM	12	0	20.90	20.95	20.98	22	3
5	64QAM	12	7	21.01	21.07	21.02		
5	64QAM	12	13	20.91	20.99	20.96		
5	64QAM	25	0	20.87	20.94	20.97		
5	256QAM	1	0	18.90	18.94	18.89	20	5
5	256QAM	1	12	19.02	19.10	19.04		
5	256QAM	1	24	18.98	19.00	19.01		
5	256QAM	12	0	19.13	19.16	19.21	20	5
5	256QAM	12	7	19.15	19.18	19.14		
5	256QAM	12	13	19.05	19.21	19.08		
5	256QAM	25	0	19.01	19.11	19.13		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.32	21.06	21.35	21.18	21.18	22.3	0
20	QPSK	1	49	21.35	21.13	21.41	21.22	21.26		
20	QPSK	1	99	21.19	20.96	21.22	21.01	21.08		
20	QPSK	50	0	20.30	20.07	20.35	20.11	20.22	21.3	1
20	QPSK	50	24	20.31	20.10	20.36	20.13	20.26		
20	QPSK	50	50	20.30	20.04	20.33	20.10	20.22		
20	QPSK	100	0	20.24	20.02	20.30	20.07	20.16		
20	16QAM	1	0	20.27	20.09	20.36	20.15	20.23	21.3	1
20	16QAM	1	49	20.33	20.17	20.45	20.27	20.33		
20	16QAM	1	99	20.15	20.00	20.28	20.12	20.16		
20	16QAM	50	0	19.23	19.04	19.33	19.20	19.19	20.3	2
20	16QAM	50	24	19.21	19.01	19.32	19.16	19.20		
20	16QAM	50	50	19.21	19.02	19.30	19.16	19.15		
20	16QAM	100	0	19.20	19.01	19.32	19.20	19.19		
20	64QAM	1	0	19.15	18.97	19.28	19.19	19.13	20.3	2
20	64QAM	1	49	19.21	19.05	19.36	19.27	19.23		
20	64QAM	1	99	19.03	18.90	19.20	19.10	19.10		
20	64QAM	50	0	18.21	18.20	18.28	18.23	18.27	19.3	3
20	64QAM	50	24	18.22	18.19	18.30	18.26	18.28		
20	64QAM	50	50	18.14	18.17	18.25	18.21	18.24		
20	64QAM	100	0	18.22	18.18	18.29	18.24	18.28		
20	256QAM	1	0	16.14	16.18	16.25	16.24	16.24	17.3	5
20	256QAM	1	49	16.31	16.30	16.38	16.36	16.36		
20	256QAM	1	99	16.10	16.10	16.21	16.19	16.19		
20	256QAM	50	0	16.33	16.34	16.42	16.41	16.41	17.3	5
20	256QAM	50	24	16.39	16.42	16.50	16.49	16.45		
20	256QAM	50	50	16.33	16.33	16.42	16.41	16.40		
20	256QAM	100	0	16.37	16.38	16.46	16.44	16.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.26	21.00	21.29	21.12	21.17	22.3	0
15	QPSK	1	37	21.32	21.12	21.37	21.20	21.14		
15	QPSK	1	74	21.13	20.95	21.22	20.97	21.00		
15	QPSK	36	0	20.26	20.05	20.23	20.04	20.18	21.3	1
15	QPSK	36	20	20.29	20.03	20.28	20.05	20.23		
15	QPSK	36	39	20.22	19.96	20.27	20.00	20.20		
15	QPSK	75	0	20.17	20.01	20.29	20.07	20.10		
15	16QAM	1	0	20.22	20.00	20.35	20.09	20.18	21.3	1
15	16QAM	1	37	20.22	20.08	20.37	20.17	20.24		
15	16QAM	1	74	20.07	19.95	20.18	20.00	20.06		
15	16QAM	36	0	19.17	18.99	19.28	19.12	19.08	20.3	2
15	16QAM	36	20	19.16	19.00	19.30	19.13	19.08		
15	16QAM	36	39	19.18	18.96	19.27	19.13	19.12		
15	16QAM	75	0	19.12	19.00	19.27	19.16	19.11		
15	64QAM	1	0	19.10	18.89	19.23	19.10	19.08	20.3	2
15	64QAM	1	37	19.17	19.05	19.28	19.24	19.19		
15	64QAM	1	74	18.99	18.82	19.18	19.00	19.05		
15	64QAM	36	0	18.20	18.18	18.18	18.14	18.16	19.3	3
15	64QAM	36	20	18.19	18.15	18.24	18.24	18.23		
15	64QAM	36	39	18.06	18.16	18.21	18.20	18.16		
15	64QAM	75	0	18.18	18.15	18.26	18.23	18.20		
15	256QAM	1	0	16.05	16.06	16.23	16.16	16.20	17.3	5
15	256QAM	1	37	16.23	16.27	16.37	16.29	16.33		
15	256QAM	1	74	16.06	16.05	16.13	16.16	16.09		
15	256QAM	36	0	16.29	16.22	16.38	16.35	16.39	17.3	5
15	256QAM	36	20	16.33	16.37	16.38	16.46	16.40		
15	256QAM	36	39	16.28	16.27	16.41	16.34	16.36		
15	256QAM	75	0	16.32	16.32	16.38	16.38	16.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.25	21.01	21.29	21.16	21.19	22.3	0
10	QPSK	1	25	21.31	21.08	21.33	21.16	21.21		
10	QPSK	1	49	21.16	20.95	21.17	21.01	21.03		
10	QPSK	25	0	20.18	20.02	20.32	20.06	20.15	21.3	1
10	QPSK	25	12	20.27	20.05	20.24	20.05	20.25		
10	QPSK	25	25	20.25	19.98	20.24	20.04	20.10		
10	QPSK	50	0	20.22	19.98	20.25	20.02	20.13		
10	16QAM	1	0	20.20	20.03	20.37	20.04	20.13	21.3	1
10	16QAM	1	25	20.27	20.14	20.37	20.21	20.26		
10	16QAM	1	49	20.11	19.90	20.27	20.08	20.13		
10	16QAM	25	0	19.13	18.92	19.30	19.16	19.11	20.3	2
10	16QAM	25	12	19.20	18.96	19.27	19.11	19.17		
10	16QAM	25	25	19.15	18.96	19.21	19.11	19.11		
10	16QAM	50	0	19.17	18.97	19.21	19.13	19.16		
10	64QAM	1	0	19.08	18.94	19.21	19.10	19.11	20.3	2
10	64QAM	1	25	19.21	19.04	19.31	19.20	19.12		
10	64QAM	1	49	18.92	18.86	19.20	19.00	19.04		
10	64QAM	25	0	18.16	18.16	18.17	18.15	18.23	19.3	3
10	64QAM	25	12	18.19	18.12	18.25	18.23	18.20		
10	64QAM	25	25	18.10	18.12	18.18	18.15	18.21		
10	64QAM	50	0	18.20	18.11	18.27	18.16	18.16		
10	256QAM	1	0	16.12	16.10	16.20	16.17	16.18	17.3	5
10	256QAM	1	25	16.28	16.20	16.29	16.30	16.28		
10	256QAM	1	49	16.06	15.98	16.15	16.14	16.13		
10	256QAM	25	0	16.29	16.35	16.34	16.34	16.39	17.3	5
10	256QAM	25	12	16.28	16.42	16.46	16.45	16.45		
10	256QAM	25	25	16.25	16.26	16.40	16.29	16.37		
10	256QAM	50	0	16.31	16.36	16.40	16.40	16.38		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.28	21.02	21.33	21.08	21.15	22.3	0
5	QPSK	1	12	21.29	21.08	21.40	21.19	21.26		
5	QPSK	1	24	21.16	20.96	21.16	20.94	21.02		
5	QPSK	12	0	20.31	20.03	20.29	20.10	20.16	21.3	1
5	QPSK	12	7	20.29	20.04	20.25	20.05	20.24		
5	QPSK	12	13	20.21	20.00	20.26	19.99	20.13		
5	QPSK	25	0	20.18	19.94	20.25	20.00	20.11		
5	16QAM	1	0	20.21	20.03	20.31	20.12	20.17	21.3	1
5	16QAM	1	12	20.23	20.13	20.36	20.26	20.31		
5	16QAM	1	24	20.13	19.91	20.27	20.08	20.13		
5	16QAM	12	0	19.21	18.98	19.27	19.18	19.16	20.3	2
5	16QAM	12	7	19.21	18.95	19.28	19.11	19.14		
5	16QAM	12	13	19.17	18.99	19.28	19.11	19.09		
5	16QAM	25	0	19.13	18.93	19.21	19.10	19.12		
5	64QAM	1	0	19.13	18.90	19.26	19.08	19.13	20.3	2
5	64QAM	1	12	19.14	19.04	19.26	19.20	19.17		
5	64QAM	1	24	18.96	18.82	19.14	19.05	19.02		
5	64QAM	12	0	18.17	18.14	18.24	18.19	18.22	19.3	3
5	64QAM	12	7	18.12	18.17	18.22	18.20	18.22		
5	64QAM	12	13	18.04	18.09	18.20	18.18	18.23		
5	64QAM	25	0	18.21	18.17	18.26	18.14	18.22		
5	256QAM	1	0	16.08	16.10	16.19	16.18	16.20	17.3	5
5	256QAM	1	12	16.22	16.24	16.36	16.30	16.35		
5	256QAM	1	24	16.04	16.04	16.19	16.14	16.14		
5	256QAM	12	0	16.26	16.30	16.34	16.41	16.34	17.3	5
5	256QAM	12	7	16.38	16.33	16.41	16.50	16.43		
5	256QAM	12	13	16.30	16.25	16.36	16.32	16.38		
5	256QAM	25	0	16.36	16.37	16.36	16.37	16.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.80	22.58	22.91	22.84	22.89	24	0
20	QPSK	1	49	22.95	22.74	23.04	22.97	23.01		
20	QPSK	1	99	22.79	22.57	22.88	22.79	22.85		
20	QPSK	50	0	21.86	21.66	21.95	21.83	21.95	23	1
20	QPSK	50	24	21.89	21.71	22.01	21.89	22.00		
20	QPSK	50	50	21.83	21.69	21.98	21.86	21.94		
20	QPSK	100	0	21.87	21.71	22.02	21.89	21.97		
20	16QAM	1	0	21.81	21.66	21.98	21.84	21.94	23	1
20	16QAM	1	49	21.92	21.77	22.08	21.95	22.06		
20	16QAM	1	99	21.77	21.61	21.93	21.81	21.90		
20	16QAM	50	0	20.76	20.59	20.93	20.80	20.89	22	2
20	16QAM	50	24	20.74	20.57	20.94	20.84	20.88		
20	16QAM	50	50	20.70	20.54	20.92	20.81	20.84		
20	16QAM	100	0	20.73	20.60	20.96	20.83	20.89		
20	64QAM	1	0	20.70	20.53	20.90	20.80	20.84	22	2
20	64QAM	1	49	20.80	20.64	20.99	20.88	20.92		
20	64QAM	1	99	20.67	20.49	20.83	20.74	20.74		
20	64QAM	50	0	19.83	19.86	19.93	19.89	19.92	21	3
20	64QAM	50	24	19.86	19.87	19.95	19.91	19.90		
20	64QAM	50	50	19.83	19.81	19.90	19.88	19.86		
20	64QAM	100	0	19.80	19.82	19.89	19.85	19.86		
20	256QAM	1	0	17.81	17.80	17.91	17.86	17.90	19	5
20	256QAM	1	49	17.94	17.90	18.01	18.00	17.98		
20	256QAM	1	99	17.80	17.81	17.88	17.85	17.85		
20	256QAM	50	0	17.94	17.93	18.04	18.02	18.03	19	5
20	256QAM	50	24	18.03	18.04	18.11	18.06	18.10		
20	256QAM	50	50	17.98	17.96	18.06	18.03	18.05		
20	256QAM	100	0	17.98	17.99	18.08	18.07	18.03		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.75	22.52	22.86	22.84	22.82	24	0
15	QPSK	1	37	22.96	22.66	23.00	22.89	22.98		
15	QPSK	1	74	22.71	22.51	22.86	22.69	22.79		
15	QPSK	36	0	21.80	21.59	21.88	21.73	21.89	23	1
15	QPSK	36	20	21.88	21.62	21.96	21.82	21.93		
15	QPSK	36	39	21.80	21.70	21.92	21.83	21.89		
15	QPSK	75	0	21.77	21.63	21.99	21.84	21.93		
15	16QAM	1	0	21.76	21.61	21.93	21.81	21.91	23	1
15	16QAM	1	37	21.90	21.72	21.98	21.92	22.06		
15	16QAM	1	74	21.68	21.59	21.89	21.77	21.84		
15	16QAM	36	0	20.75	20.54	20.90	20.76	20.88	22	2
15	16QAM	36	20	20.66	20.52	20.91	20.76	20.79		
15	16QAM	36	39	20.60	20.46	20.83	20.75	20.82		
15	16QAM	75	0	20.67	20.60	20.96	20.80	20.83		
15	64QAM	1	0	20.69	20.48	20.87	20.76	20.76	22	2
15	64QAM	1	37	20.74	20.62	20.87	20.82	20.88		
15	64QAM	1	74	20.59	20.48	20.73	20.71	20.73		
15	64QAM	36	0	19.78	19.82	19.91	19.83	19.84	21	3
15	64QAM	36	20	19.80	19.76	19.93	19.90	19.86		
15	64QAM	36	39	19.81	19.76	19.88	19.78	19.80		
15	64QAM	75	0	19.75	19.75	19.80	19.77	19.81		
15	256QAM	1	0	17.73	17.80	17.88	17.79	17.84	19	5
15	256QAM	1	37	17.89	17.87	17.92	18.00	17.94		
15	256QAM	1	74	17.79	17.75	17.86	17.85	17.74		
15	256QAM	36	0	17.90	17.90	18.00	17.96	18.02	19	5
15	256QAM	36	20	17.99	17.99	18.06	18.06	18.09		
15	256QAM	36	39	17.93	17.92	17.97	18.01	17.99		
15	256QAM	75	0	17.88	17.90	18.07	17.97	17.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.74	22.51	22.80	22.75	22.85	24	0
10	QPSK	1	25	22.95	22.65	22.97	22.85	22.96		
10	QPSK	1	49	22.72	22.52	22.83	22.78	22.77		
10	QPSK	25	0	21.83	21.58	21.89	21.72	21.83	23	1
10	QPSK	25	12	21.86	21.65	21.90	21.80	21.91		
10	QPSK	25	25	21.78	21.67	21.90	21.83	21.89		
10	QPSK	50	0	21.84	21.70	21.97	21.83	21.93		
10	16QAM	1	0	21.80	21.64	21.94	21.77	21.86	23	1
10	16QAM	1	25	21.83	21.66	21.98	21.87	22.00		
10	16QAM	1	49	21.78	21.52	21.87	21.78	21.88		
10	16QAM	25	0	20.67	20.53	20.86	20.74	20.79	22	2
10	16QAM	25	12	20.70	20.53	20.89	20.79	20.83		
10	16QAM	25	25	20.60	20.48	20.86	20.77	20.74		
10	16QAM	50	0	20.72	20.57	20.93	20.73	20.87		
10	64QAM	1	0	20.61	20.43	20.87	20.72	20.72	22	2
10	64QAM	1	25	20.75	20.55	20.90	20.79	20.89		
10	64QAM	1	49	20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.32	21.07	21.36	21.25	21.27	22.9	0
20	QPSK	1	49	21.44	21.19	21.46	21.35	21.38		
20	QPSK	1	99	21.24	21.00	21.29	21.15	21.24		
20	QPSK	50	0	20.34	20.07	20.38	20.26	20.33	21.9	1
20	QPSK	50	24	20.38	20.10	20.44	20.34	20.39		
20	QPSK	50	50	20.30	20.02	20.37	20.28	20.34		
20	QPSK	100	0	20.30	20.04	20.38	20.30	20.34		
20	16QAM	1	0	20.33	20.09	20.40	20.34	20.37	21.9	1
20	16QAM	1	49	20.42	20.17	20.50	20.42	20.45		
20	16QAM	1	99	20.27	20.03	20.35	20.28	20.31		
20	16QAM	50	0	19.26	19.01	19.36	19.30	19.32	20.9	2
20	16QAM	50	24	19.28	19.04	19.39	19.35	19.33		
20	16QAM	50	50	19.22	18.96	19.33	19.29	19.25		
20	16QAM	100	0	19.21	18.98	19.34	19.32	19.26		
20	64QAM	1	0	19.20	18.96	19.32	19.28	19.27	20.9	2
20	64QAM	1	49	19.25	19.07	19.40	19.35	19.33		
20	64QAM	1	99	19.16	18.98	19.28	19.26	19.18		
20	64QAM	50	0	18.22	18.22	18.33	18.30	18.30	19.9	3
20	64QAM	50	24	18.23	18.26	18.33	18.29	18.30		
20	64QAM	50	50	18.25	18.26	18.35	18.30	18.33		
20	64QAM	100	0	18.25	18.23	18.33	18.29	18.28		
20	256QAM	1	0	16.27	16.27	16.34	16.32	16.33	17.9	5
20	256QAM	1	49	16.33	16.34	16.44	16.42	16.39		
20	256QAM	1	99	16.15	16.15	16.26	16.22	16.22		
20	256QAM	50	0	16.39	16.39	16.49	16.47	16.47	17.9	5
20	256QAM	50	24	16.43	16.43	16.52	16.51	16.47		
20	256QAM	50	50	16.41	16.44	16.51	16.50	16.47		
20	256QAM	100	0	16.42	16.39	16.50	16.45	16.48		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.32	21.05	21.26	21.21	21.21	22.9	0
15	QPSK	1	37	21.36	21.13	21.40	21.29	21.36		
15	QPSK	1	74	21.17	20.93	21.24	21.12	21.15		
15	QPSK	36	0	20.27	20.05	20.34	20.26	20.34	21.9	1
15	QPSK	36	20	20.31	20.07	20.41	20.32	20.31		
15	QPSK	36	39	20.22	19.98	20.36	20.24	20.26		
15	QPSK	75	0	20.22	20.01	20.29	20.22	20.26		
15	16QAM	1	0	20.24	20.00	20.35	20.31	20.35	21.9	1
15	16QAM	1	37	20.38	20.10	20.46	20.34	20.38		
15	16QAM	1	74	20.22	20.03	20.26	20.24	20.26		
15	16QAM	36	0	19.22	18.94	19.36	19.24	19.25	20.9	2
15	16QAM	36	20	19.18	19.03	19.37	19.27	19.28		
15	16QAM	36	39	19.20	19.08	19.25	19.17	19.19		
15	16QAM	75	0	19.09	18.93	19.29	19.28	19.16		
15	64QAM	1	0	19.13	18.91	19.30	19.24	19.21	20.9	2
15	64QAM	1	37	19.19	19.03	19.37	19.31	19.25		
15	64QAM	1	74	19.09	18.90	19.25	19.18	19.10		
15	64QAM	36	0	18.19	18.19	18.25	18.29	18.23	19.9	3
15	64QAM	36	20	18.21	18.25	18.31	18.26	18.27		
15	64QAM	36	39	18.20	18.22	18.35	18.26	18.29		
15	64QAM	75	0	18.22	18.21	18.27	18.26	18.22		
15	256QAM	1	0	16.22	16.19	16.30	16.26	16.25	17.9	5
15	256QAM	1	37	16.27	16.26	16.41	16.41	16.27		
15	256QAM	1	74	16.07	16.08	16.17	16.18	16.13		
15	256QAM	36	0	16.30	16.34	16.42	16.46	16.42	17.9	5
15	256QAM	36	20	16.40	16.40	16.48	16.43	16.42		
15	256QAM	36	39	16.41	16.35	16.48	16.44	16.45		
15	256QAM	75	0	16.37	16.29	16.49	16.43	16.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.28	21.04	21.26	21.18	21.22	22.9	0
10	QPSK	1	25	21.37	21.15	21.42	21.25	21.34		
10	QPSK	1	49	21.25	20.94	21.24	21.12	21.14		
10	QPSK	25	0	20.23	19.97	20.38	20.17	20.29	21.9	1
10	QPSK	25	12	20.31	20.02	20.43	20.27	20.33		
10	QPSK	25	25	20.28	20.03	20.35	20.25	20.25		
10	QPSK	50	0	20.22	19.94	20.34	20.25	20.33		
10	16QAM	1	0	20.25	20.05	20.35	20.33	20.37	21.9	1
10	16QAM	1	25	20.34	20.08	20.46	20.36	20.41		
10	16QAM	1	49	20.26	20.01	20.29	20.18	20.24		
10	16QAM	25	0	19.23	18.97	19.30	19.25	19.25	20.9	2
10	16QAM	25	12	19.24	18.98	19.32	19.31	19.30		
10	16QAM	25	25	19.17	19.09	19.28	19.25	19.24		
10	16QAM	50	0	19.15	18.91	19.32	19.31	19.24		
10	64QAM	1	0	19.13	18.93	19.29	19.21	19.17	20.9	2
10	64QAM	1	25	19.23	19.05	19.32	19.33	19.33		
10	64QAM	1	49	19.08	18.91	19.26	19.26	19.09		
10	64QAM	25	0	18.16	18.17	18.30	18.26	18.23	19.9	3
10	64QAM	25	12	18.16	18.25	18.27	18.18	18.30		
10	64QAM	25	25	18.15	18.21	18.30	18.21	18.30		
10	64QAM	50	0	18.20	18.16	18.27	18.22	18.24		
10	256QAM	1	0	16.17	16.20	16.24	16.27	16.29	17.9	5
10	256QAM	1	25	16.26	16.30	16.39	16.35	16.34		
10	256QAM	1	49	16.12	16.04	16.16	16.16	16.15		
10	256QAM	25	0	16.36	16.39	16.43	16.42	16.45	17.9	5
10	256QAM	25	12	16.34	16.40	16.49	16.52	16.41		
10	256QAM	25	25	16.33	16.41	16.42	16.41	16.36		
10	256QAM	50	0	16.36	16.31	16.44	16.44	16.36		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.25	21.08	21.26	21.23	21.18	22.9	0
5	QPSK	1	12	21.41	21.15	21.40	21.27	21.33		
5	QPSK	1	24	21.20	20.96	21.18	21.08	21.19		
5	QPSK	12	0	20.27	20.04	20.32	20.21	20.28	21.9	1
5	QPSK	12	7	20.34	20.06	20.40	20.25	20.32		
5	QPSK	12	13	20.23	19.92	20.32	20.29	20.28		
5	QPSK	25	0	20.28	19.95	20.31	20.29	20.30		
5	16QAM	1	0	20.26	20.09	20.35	20.30	20.32	21.9	1
5	16QAM	1	12	20.39	20.06	20.43	20.35	20.37		
5	16QAM	1	24	20.18	19.97	20.32	20.17	20.24		
5	16QAM	12	0	19.19	18.92	19.35	19.19	19.26	20.9	2
5	16QAM	12	7	19.23	18.98	19.34	19.32	19.26		
5	16QAM	12	13	19.23	18.93	19.31	19.23	19.22		
5	16QAM	25	0	19.17	19.09	19.25	19.27	19.21		
5	64QAM	1	0	19.20	19.09	19.30	19.26	19.23	20.9	2
5	64QAM	1	12	19.23	19.03	19.29	19.29	19.24		
5	64QAM	1	24	19.15	19.08	19.25	19.17	19.14		
5	64QAM	12	0	18.19	18.15	18.26	18.24	18.27	19.9	3
5	64QAM	12	7	18.19	18.25	18.25	18.28	18.22		
5	64QAM	12	13	18.22	18.21	18.26	18.23	18.27		
5	64QAM	25	0	18.19	18.15	18.26	18.23	18.26		
5	256QAM	1	0	16.22	16.18	16.28	16.29	16.24	17.9	5
5	256QAM	1	12	16.30	16.25	16.39	16.39	16.30		
5	256QAM	1	24	16.07	16.07	16.19	16.14	16.15		
5	256QAM	12	0	16.28	16.33	16.42	16.45	16.43	17.9	5
5	256QAM	12	7	16.32	16.34	16.49	16.46	16.45		
5	256QAM	12	13	16.39	16.39	16.44	16.40	16.37		
5	256QAM	25	0	16.37	16.30	16.45	16.38	16.38		

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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	24.06	23.81	24.18	24.03	24.14	25	0
20	QPSK	1	49	24.10	23.87	24.23	24.07	24.19		
20	QPSK	1	99	23.93	23.75	24.08	23.92	24.04		
20	QPSK	50	0	23.01	22.83	23.18	23.02	23.11	24	1
20	QPSK	50	24	23.02	22.85	23.21	23.03	23.12		
20	QPSK	50	50	22.99	22.84	23.18	22.97	23.09		
20	QPSK	100	0	22.98	22.84	23.15	22.93	23.09		
20	16QAM	1	0	23.03	22.88	23.17	22.95	23.08	24	1
20	16QAM	1	49	23.11	22.97	23.28	23.03	23.22		
20	16QAM	1	99	22.98	22.83	23.13	22.89	23.10		
20	16QAM	50	0	22.00	21.83	22.12	21.89	22.10	23	2
20	16QAM	50	24	22.02	21.84	22.14	21.94	22.12		
20	16QAM	50	50	21.98	21.82	22.11	21.90	22.09		
20	16QAM	100	0	22.00	21.88	22.15	21.91	22.16		
20	64QAM	1	0	21.94	21.80	22.10	21.88	22.10	23	2
20	64QAM	1	49	22.03	21.89	22.18	21.94	22.21		
20	64QAM	1	99	21.92	21.75	22.05	21.82	22.05		
20	64QAM	50	0	21.04	21.03	21.11	21.08	21.06	22	3
20	64QAM	50	24	21.05	21.04	21.13	21.09	21.12		
20	64QAM	50	50	20.99	21.03	21.10	21.07	21.07		
20	64QAM	100	0	21.04	21.01	21.11	21.09	21.06		
20	256QAM	1	0	18.99	18.99	19.08	19.05	19.04	20	5
20	256QAM	1	49	19.13	19.14	19.21	19.20	19.17		
20	256QAM	1	99	18.95	18.96	19.05	19.03	19.01		
20	256QAM	50	0	19.18	19.19	19.26	19.24	19.24	20	5
20	256QAM	50	24	19.20	19.18	19.28	19.27	19.25		
20	256QAM	50	50	19.14	19.16	19.24	19.19	19.23		
20	256QAM	100	0	19.16	19.18	19.25	19.23	19.22		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.98	23.77	24.06	23.96	24.07	25	0
15	QPSK	1	37	24.03	23.86	24.16	24.03	24.11		
15	QPSK	1	74	23.88	23.69	24.01	23.90	23.96		
15	QPSK	36	0	22.96	22.76	23.15	22.99	23.05	24	1
15	QPSK	36	20	22.96	22.78	23.12	22.97	23.11		
15	QPSK	36	39	22.99	22.78	23.11	22.88	23.09		
15	QPSK	75	0	22.88	22.82	23.04	22.88	23.04		
15	16QAM	1	0	23.02	22.83	23.10	22.91	23.03	24	1
15	16QAM	1	37	23.03	22.91	23.21	22.97	23.15		
15	16QAM	1	74	22.98	22.75	23.08	22.88	23.00		
15	16QAM	36	0	21.97	21.82	22.01	21.82	22.07	23	2
15	16QAM	36	20	21.94	21.75	22.05	21.92	22.10		
15	16QAM	36	39	21.90	21.77	22.08	21.85	22.04		
15	16QAM	75	0	22.01	21.78	22.08	21.92	22.09		
15	64QAM	1	0	21.90	21.72	22.07	21.81	22.06	23	2
15	64QAM	1	37	21.95	21.87	22.12	21.88	22.11		
15	64QAM	1	74	21.85	21.67	21.97	21.74	21.94		
15	64QAM	36	0	21.01	21.00	21.04	21.03	21.02	22	3
15	64QAM	36	20	20.99	21.01	21.10	21.02	21.09		
15	64QAM	36	39	20.95	21.01	21.06	21.04	21.01		
15	64QAM	75	0	21.00	20.92	21.04	21.02	20.96		
15	256QAM	1	0	18.95	18.90	19.00	19.02	18.93	20	5
15	256QAM	1	37	19.12	19.10	19.17	19.14	19.17		
15	256QAM	1	74	18.94	18.91	19.04	18.98	18.98		
15	256QAM	36	0	19.16	19.14	19.24	19.14	19.22	20	5
15	256QAM	36	20	19.14	19.06	19.22	19.22	19.18		
15	256QAM	36	39	19.07	19.08	19.21	19.17	19.16		
15	256QAM	75	0	19.15	19.10	19.21	19.14	19.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.98	23.77	24.10	23.91	24.04	25	0
10	QPSK	1	25	24.07	23.86	24.18	23.99	24.14		
10	QPSK	1	49	23.84	23.71	23.98	23.86	23.94		
10	QPSK	25	0	22.98	22.79	23.12	22.98	23.03	24	1
10	QPSK	25	12	22.95	22.84	23.19	22.96	23.08		
10	QPSK	25	25	23.00	22.81	23.17	22.92	22.99		
10	QPSK	50	0	22.99	22.79	23.09	22.92	23.08		
10	16QAM	1	0	22.98	22.85	23.11	22.89	23.04	24	1
10	16QAM	1	25	23.00	22.87	23.24	22.98	23.14		
10	16QAM	1	49	22.86	22.81	23.12	22.82	23.02		
10	16QAM	25	0	22.00	21.75	22.07	21.81	22.03	23	2
10	16QAM	25	12	21.94	21.78	22.04	21.85	22.03		
10	16QAM	25	25	21.87	21.78	22.04	21.91	22.07		
10	16QAM	50	0	21.94	21.81	22.07	21.81	22.12		
10	64QAM	1	0	21.91	21.75	22.07	21.85	22.01	23	2
10	64QAM	1	25	22.03	21.86	22.07	21.94	22.14		
10	64QAM	1	49	21.88	21.64	21.99	21.79	21.96		
10	64QAM	25	0	21.00	20.99	21.09	21.04	20.97	22	3
10	64QAM	25	12	20.97	21.01	21.12	21.05	21.12		
10	64QAM	25	25	20.94	20.96	21.06	20.98	21.04		
10	64QAM	50	0	20.96	21.02	21.11	21.06	21.02		
10	256QAM	1	0	18.95	18.89	19.02	19.02	19.00	20	5
10	256QAM	1	25	19.05	19.05	19.17	19.10	19.17		
10	256QAM	1	49	18.93	18.94	19.02	19.02	18.95		
10	256QAM	25	0	19.16	19.13	19.19	19.17	19.16	20	5
10	256QAM	25	12	19.18	19.13	19.21	19.19	19.20		
10	256QAM	25	25	19.11	19.12	19.12	19.10	19.23		
10	256QAM	50	0	19.10	19.14	19.20	19.18	19.13		
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	23.98	23.71	24.07	23.99	24.03	25	0
5	QPSK	1	12	24.01	23.81	24.11	24.01	24.10		
5	QPSK	1	24	23.87	23.73	23.99	23.87	23.99		
5	QPSK	12	0	22.94	22.76	23.12	22.95	23.12	24	1
5	QPSK	12	7	22.94	22.83	23.15	23.02	23.02		
5	QPSK	12	13	22.93	22.81	23.18	22.92	23.07		
5	QPSK	25	0	22.95	22.85	23.09	22.87	23.01		
5	16QAM	1	0	22.99	22.82	23.12	22.92	23.01	24	1
5	16QAM	1	12	23.00	22.91	23.28	22.97	23.16		
5	16QAM	1	24	22.94	22.78	23.09	22.81	23.05		
5	16QAM	12	0	22.01	21.76	22.07	21.90	22.02	23	2
5	16QAM	12	7	21.93	21.72	22.13	21.89	22.08		
5	16QAM	12	13	21.94	21.72	22.03	21.84	22.05		
5	16QAM	25	0	21.89	21.84	22.14	21.87	22.10		
5	64QAM	1	0	21.82	21.74	22.07	21.85	22.05	23	2
5	64QAM	1	12	21.97	21.85	22.07	21.88	22.16		
5	64QAM	1	24	21.91	21.71	22.04	21.77	21.99		
5	64QAM	12	0	20.98	20.99	21.12	21.05	21.00	22	3
5	64QAM	12	7	21.00	20.95	21.02	20.98	21.06		
5	64QAM	12	13	20.96	20.95	20.99	20.99	21.02		
5	64QAM	25	0	20.98	20.93	21.07	21.03	21.03		
5	256QAM	1	0	18.92	18.97	19.05	18.98	18.96	20	5
5	256QAM	1	12	19.08	19.05	19.19	19.08	19.14		
5	256QAM	1	24	18.83	18.90	19.01	18.97	18.94		
5	256QAM	12	0	19.16	19.13	19.21	19.13	19.12	20	5
5	256QAM	12	7	19.10	19.08	19.19	19.23	19.19		
5	256QAM	12	13	19.15	19.13	19.22	19.13	19.18		
5	256QAM	25	0	19.12	19.07	19.16	19.18	19.12		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	Pi/2 BPSK	1	1	24.70	24.67	24.67		
20	Pi/2 BPSK	1	53	24.82	24.71	24.82	25.5	0.0
20	Pi/2 BPSK	1	104	24.68	24.68	24.65		
20	Pi/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	Pi/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	Pi/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	Pi/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61		
20	QPSK	1	53	24.78	24.83	24.81	25.5	0.0
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.76	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	Pi/2 BPSK	1	1	24.74	24.79	24.62		
20	Pi/2 BPSK	1	53	24.92	24.93	24.91	25.5	0.0
20	Pi/2 BPSK	1	104	24.82	24.83	24.78		
20	Pi/2 BPSK	50	0	24.28	24.40	24.23	25.0	0.5
20	Pi/2 BPSK	50	28	24.82	24.90	24.78	25.5	0.0
20	Pi/2 BPSK	50	56	24.07	24.11	24.01	25.0	0.5
20	Pi/2 BPSK	100	0	24.28	24.36	24.22		
20	QPSK	1	1	24.59	24.64	24.55		
20	QPSK	1	53	24.90	24.96	24.77	25.5	0.0
20	QPSK	1	104	24.73	24.74	24.70		
20	QPSK	50	0	23.78	23.79	23.77	24.5	1.0
20	QPSK	50	28	24.90	24.94	24.91	25.5	0.0
20	QPSK	50	56	23.46	23.51	23.34	24.5	1.0
20	QPSK	100	0	23.72	23.76	23.65		
20	16QAM	1	53	23.48	23.50	23.45	24.5	1.0
20	64QAM	1	53	22.01	22.15	22.04	23.0	2.5
20	256QAM	1	53	20.64	20.62	20.67	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.47	24.51	24.48	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.58	24.63	24.51	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.52	24.53	24.51	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46	21.5	0.0
50	PI/2 BPSK	1	135	20.56	20.67	20.50		
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31	21.5	0.0
50	QPSK	1	135	20.70	20.73	20.63		
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.69	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.49	24.55	24.39	25.5	0.0
50	PI/2 BPSK	1	135	24.72	24.83	24.71		
50	PI/2 BPSK	1	268	24.50	24.62	24.41		
50	PI/2 BPSK	135	0	24.25	24.34	24.14	25.0	0.5
50	PI/2 BPSK	135	68	24.78	24.81	24.68	25.5	0.0
50	PI/2 BPSK	135	135	24.31	24.43	24.22	25.0	0.5
50	PI/2 BPSK	270	0	24.20	24.31	24.11		
50	QPSK	1	1	24.36	24.45	24.41	25.5	0.0
50	QPSK	1	135	24.74	24.85	24.70		
50	QPSK	1	268	24.52	24.60	24.48		
50	QPSK	135	0	23.61	23.66	23.62	24.5	1.0
50	QPSK	135	68	24.76	24.79	24.75	25.5	0.0
50	QPSK	135	135	23.74	23.81	23.80	24.5	1.0
50	QPSK	270	0	23.67	23.76	23.69		
50	16QAM	1	135	22.70	22.82	22.75	24.5	1.0
50	64QAM	1	135	21.08	21.15	21.14	23.0	2.5
50	256QAM	1	135	20.24	20.30	20.28	21.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	24.35	24.42	24.36	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	24.27	24.43	24.31	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	24.25	24.42	24.36	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	24.34	24.38	24.40	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	24.30	24.34	24.32	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	24.27	24.41	24.37	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	24.33	24.37	24.29	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.12	23.14	23.08	24.0	0.0
50	PI/2 BPSK	1	135	23.32	23.41	23.30		
50	PI/2 BPSK	1	268	23.13	23.22	23.14		
50	PI/2 BPSK	135	0	22.81	22.93	22.88	23.5	0.5
50	PI/2 BPSK	135	68	23.32	23.41	23.30	24.0	0.0
50	PI/2 BPSK	135	135	23.04	23.09	23.07	23.5	0.5
50	PI/2 BPSK	270	0	22.83	22.91	22.84		
50	QPSK	1	1	22.97	23.08	23.02	24.0	0.0
50	QPSK	1	135	23.32	23.45	23.35		
50	QPSK	1	268	23.01	23.12	23.03		
50	QPSK	135	0	22.30	22.31	22.27	23.0	1.0
50	QPSK	135	68	23.33	23.43	23.41	24.0	0.0
50	QPSK	135	135	22.40	22.45	22.40	23.0	1.0
50	QPSK	270	0	22.35	22.36	22.33		
50	16QAM	1	135	21.80	21.82	21.73	23.0	1.0
50	64QAM	1	135	20.37	20.44	20.41	21.5	2.5
50	256QAM	1	135	18.90	19.00	18.90	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	22.87	22.98	22.95	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	22.94	23.03	23.01	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	22.89	23.05	22.93	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	22.95	23.00	22.90	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	22.91	22.98	22.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.92	23.03	22.95	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.86	23.04	22.91	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.03	23.06	22.97	24.0	0.0
50	PI/2 BPSK	1	135	23.32	23.34	23.28		
50	PI/2 BPSK	1	268	23.01	23.09	23.01		
50	PI/2 BPSK	135	0	22.82	22.89	22.86	23.5	0.5
50	PI/2 BPSK	135	68	23.19	23.31	23.29	24.0	0.0
50	PI/2 BPSK	135	135	22.90	22.96	22.95	23.5	0.5
50	PI/2 BPSK	270	0	22.79	22.87	22.86		
50	QPSK	1	1	23.03	23.05	23.04	24.0	0.0
50	QPSK	1	135	23.31	23.38	23.26		
50	QPSK	1	268	23.04	23.12	23.04		
50	QPSK	135	0	22.25	22.30	22.22	23.0	1.0
50	QPSK	135	68	23.28	23.35	23.32	24.0	0.0
50	QPSK	135	135	22.31	22.37	22.31	23.0	1.0
50	QPSK	270	0	22.19	22.28	22.27		
50	16QAM	1	135	21.85	21.89	21.86	23.0	1.0
50	64QAM	1	135	20.43	20.44	20.39	21.5	2.5
50	256QAM	1	135	19.04	19.08	19.03	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	22.98	22.98	23.01	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	22.95	22.98	22.92	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	22.96	23.02	22.94	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	23.00	23.00	22.94	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	23.00	22.93	22.99	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.92	22.96	22.92	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.95	22.95	22.99	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	20.60	20.61	20.54	22.0	0.0
40	Pi/2 BPSK	1	108	21.15	21.21	21.20		
40	Pi/2 BPSK	1	214	20.55	20.58	20.56		
40	Pi/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	Pi/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	Pi/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	Pi/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40	22.0	0.0
40	QPSK	1	108	21.14	21.22	21.19		
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.93	24.03	23.94	25.5	0.0
40	Pi/2 BPSK	1	108	24.67	24.71	24.60		
40	Pi/2 BPSK	1	214	24.00	24.12	24.05		
40	Pi/2 BPSK	108	0	23.80	23.91	23.79	25.0	0.5
40	Pi/2 BPSK	108	54	24.58	24.68	24.66	25.5	0.0
40	Pi/2 BPSK	108	108	23.92	24.00	23.99	25.0	0.5
40	Pi/2 BPSK	216	0	23.85	23.97	23.93		
40	QPSK	1	1	23.96	24.03	24.02	25.5	0.0
40	QPSK	1	108	24.61	24.72	24.70		
40	QPSK	1	214	24.03	24.09	24.07		
40	QPSK	108	0	23.35	23.37	23.35	24.5	1.0
40	QPSK	108	54	24.58	24.63	24.61	25.5	0.0
40	QPSK	108	108	23.40	23.44	23.35	24.5	1.0
40	QPSK	216	0	23.35	23.37	23.27		
40	16QAM	1	108	23.56	23.57	23.50	24.5	1.0
40	64QAM	1	108	22.02	22.04	21.99	23.0	2.5
40	256QAM	1	108	20.51	20.63	20.62	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	24.54	24.61	24.58	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	24.50	24.61	24.57	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	24.44	24.57	24.54	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	24.51	24.53	24.50	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	24.52	24.56	24.60	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.23	23.24	23.21	24.2	0.0
40	PI/2 BPSK	1	108	23.74	23.78	23.72		
40	PI/2 BPSK	1	214	23.22	23.23	23.20		
40	PI/2 BPSK	108	0	22.94	23.03	22.97	23.7	0.5
40	PI/2 BPSK	108	54	23.68	23.80	23.75	24.2	0.0
40	PI/2 BPSK	108	108	23.01	23.11	23.07	23.7	0.5
40	PI/2 BPSK	216	0	23.09	23.16	23.12		
40	QPSK	1	1	23.06	23.18	23.17	24.2	0.0
40	QPSK	1	108	23.76	23.81	23.80		
40	QPSK	1	214	23.19	23.22	23.21		
40	QPSK	108	0	22.43	22.47	22.46	23.2	1.0
40	QPSK	108	54	23.72	23.76	23.72	24.2	0.0
40	QPSK	108	108	22.50	22.57	22.51	23.2	1.0
40	QPSK	216	0	22.48	22.53	22.41		
40	16QAM	1	108	22.62	22.71	22.64	23.2	1.0
40	64QAM	1	108	21.25	21.26	21.27	21.7	2.5
40	256QAM	1	108	19.46	19.52	19.43	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.46	23.62	23.65	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	23.52	23.68	23.52	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	23.71	23.68	23.67	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.51	23.80	23.77	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.52	23.59	23.66	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.48	22.56	22.45	24.2	0.0
40	PI/2 BPSK	1	108	23.03	23.11	23.00		
40	PI/2 BPSK	1	214	22.48	22.58	22.48		
40	PI/2 BPSK	108	0	22.34	22.36	22.32	23.7	0.5
40	PI/2 BPSK	108	54	23.07	23.10	23.05	24.2	0.0
40	PI/2 BPSK	108	108	22.45	22.49	22.40	23.7	0.5
40	PI/2 BPSK	216	0	22.36	22.41	22.34		
40	QPSK	1	1	22.47	22.57	22.51	24.2	0.0
40	QPSK	1	108	23.10	23.19	23.12		
40	QPSK	1	214	22.49	22.56	22.51		
40	QPSK	108	0	21.72	21.74	21.62	23.2	1.0
40	QPSK	108	54	23.02	23.06	23.05	24.2	0.0
40	QPSK	108	108	21.89	21.94	21.87	23.2	1.0
40	QPSK	216	0	21.79	21.85	21.80		
40	16QAM	1	108	21.85	21.93	21.86	23.2	1.0
40	64QAM	1	108	20.36	20.45	20.41	21.7	2.5
40	256QAM	1	108	18.94	19.02	19.01	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	22.92	22.95	22.93	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	22.93	23.04	22.90	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	22.87	23.05	22.95	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	22.85	23.03	23.00	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	22.92	22.98	22.94	24.2	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27		
40	PI/2 BPSK	1	53	20.91	20.93	20.90	21.5	0.0
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12		
40	QPSK	1	53	20.88	20.98	20.88	21.5	0.0
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55		
40	QPSK	50	28	20.48	20.48	20.44	21.5	0.0
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.38	24.41	24.37		
40	PI/2 BPSK	1	53	24.80	24.91	24.87	25.5	0.0
40	PI/2 BPSK	1	104	24.36	24.44	24.42		
40	PI/2 BPSK	50	0	24.04	24.14	24.12	25.0	0.5
40	PI/2 BPSK	50	28	24.61	24.64	24.59	25.5	0.0
40	PI/2 BPSK	50	56	24.11	24.17	24.15	25.0	0.5
40	PI/2 BPSK	100	0	24.11	24.18	24.11		
40	QPSK	1	1	24.24	24.32	24.21		
40	QPSK	1	53	24.78	24.98	24.86	25.5	0.0
40	QPSK	1	104	24.20	24.32	24.22		
40	QPSK	50	0	23.69	23.67	23.72		
40	QPSK	50	28	24.43	24.44	24.41	25.5	0.0
40	QPSK	50	56	23.66	23.74	23.69		
40	QPSK	100	0	23.24	23.34	23.31	24.5	1.0
40	16QAM	1	53	23.39	23.32	23.32	24.5	1.0
40	64QAM	1	53	21.88	21.86	21.89	23.0	2.5
40	256QAM	1	53	20.32	20.44	20.36	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	24.49	24.51	24.48	25.5	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	24.46	24.55	24.39	25.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.80	22.86	22.74		
40	PI/2 BPSK	1	53	23.43	23.46	23.45	24.0	0.0
40	PI/2 BPSK	1	104	22.91	23.02	23.00		
40	PI/2 BPSK	50	0	22.57	22.60	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.04	23.12	23.11	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.64	22.59	23.5	0.5
40	PI/2 BPSK	100	0	22.63	22.66	22.58		
40	QPSK	1	1	22.70	22.75	22.70		
40	QPSK	1	53	23.35	23.49	23.45	24.0	0.0
40	QPSK	1	104	22.87	22.92	22.82		
40	QPSK	50	0	22.05	22.01	22.04		
40	QPSK	50	28	22.97	23.01	23.00	24.0	0.0
40	QPSK	50	56	22.17	22.04	22.07		
40	QPSK	100	0	21.95	22.02	21.97	23.0	1.0
40	16QAM	1	53	22.23	22.27	22.22	23.0	1.0
40	64QAM	1	53	20.81	20.82	20.77	21.5	2.5
40	256QAM	1	53	19.42	19.43	19.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	22.65	22.74	22.60	24.0	0.0
Channel				516002	519002	522002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	22.64	22.70	22.59	24.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2592.02	2595	2597.98		
40	PI/2 BPSK	1	1	22.87	22.97	22.96		
40	PI/2 BPSK	1	53	23.38	23.47	23.39	24.0	0.0
40	PI/2 BPSK	1	104	22.85	22.96	22.86		
40	PI/2 BPSK	50	0	22.64	22.68	22.57	23.5	0.5
40	PI/2 BPSK	50	28	23.09	23.19	23.09	24.0	0.0
40	PI/2 BPSK	50	56	22.57	22.60	22.59	23.5	0.5
40	PI/2 BPSK	100	0	22.58	22.66	22.64		
40	QPSK	1	1	22.74	22.85	22.75		
40	QPSK	1	53	23.43	23.51	23.46	24.0	0.0
40	QPSK	1	104	22.76	22.83	22.75		
40	QPSK	50	0	22.05	22.07	22.09		
40	QPSK	50	28	22.98	22.99	22.98	24.0	0.0
40	QPSK	50	56	22.07	22.01	22.08		
40	QPSK	100	0	21.95	22.06	21.99	23.0	1.0
40	16QAM	1	53	22.19	22.21	22.09	23.0	1.0
40	64QAM	1	53	20.71	20.78	20.73	21.5	2.5
40	256QAM	1	53	19.28	19.38	19.26	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	23.31	23.39	23.31	24.0	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	23.29	23.33	23.24	24.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62		
100	PI/2 BPSK	1	137	20.89	20.94	20.79	21.5	0.0
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57		
100	QPSK	1	137	20.75	21.00	20.67	21.5	0.0
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56		
100	QPSK	135	69	20.61	20.66	20.51	21.5	0.0
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.75	20.73	20.71	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	109	20.75	20.88	20.72	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.71	20.73	20.77	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	67	20.72	20.80	20.78	21.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.75	20.83	20.77	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.70	20.78	20.77	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	20.70	20.83	20.73	21.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.67	23.73	23.70		
100	PI/2 BPSK	1	137	24.86	24.94	24.87	25.5	0.0
100	PI/2 BPSK	1	271	23.80	23.85	23.75		
100	PI/2 BPSK	135	0	24.03	24.10	24.05	25.0	0.5
100	PI/2 BPSK	135	69	24.94	24.99	24.88	25.5	0.0
100	PI/2 BPSK	135	138	24.09	24.15	24.08	25.0	0.5
100	PI/2 BPSK	270	0	24.10	24.12	24.01		
100	QPSK	1	1	23.71	23.81	23.70		
100	QPSK	1	137	24.91	25.00	24.94	25.5	0.0
100	QPSK	1	271	23.78	23.81	23.78		
100	QPSK	135	0	23.59	23.61	23.55		
100	QPSK	135	69	24.72	24.83	24.79	25.5	0.0
100	QPSK	135	138	23.55	23.56	23.52		
100	QPSK	270	0	23.34	23.38	23.33	24.5	1.0
100	16QAM	1	137	23.59	23.62	23.52	24.5	1.0
100	64QAM	1	137	22.00	22.12	22.10	23.0	2.5
100	256QAM	1	137	20.64	20.65	20.60	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	24.67	24.75	24.69	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	24.59	24.78	24.58	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	24.70	24.71	24.67	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	24.60	24.73	24.65	25.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	24.61	24.74	24.67	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	24.60	24.70	24.62	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	24.67	24.72	24.63	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.20	22.26	22.17		
100	PI/2 BPSK	1	137	23.41	23.52	23.49	24.0	0.0
100	PI/2 BPSK	1	271	22.22	22.33	22.26		
100	PI/2 BPSK	135	0	22.46	22.58	22.49	23.5	0.5
100	PI/2 BPSK	135	69	23.38	23.48	23.44	24.0	0.0
100	PI/2 BPSK	135	138	22.49	22.59	22.50	23.5	0.5
100	PI/2 BPSK	270	0	22.52	22.60	22.50		
100	QPSK	1	1	22.25	22.29	22.22		
100	QPSK	1	137	23.46	23.54	23.37	24.0	0.0
100	QPSK	1	271	22.36	22.38	22.37		
100	QPSK	135	0	22.60	22.61	22.60		
100	QPSK	135	69	23.30	23.46	23.26	24.0	0.0
100	QPSK	135	138	22.54	22.60	22.58		
100	QPSK	270	0	22.45	22.48	22.37	23.0	1.0
100	16QAM	1	137	22.22	22.27	22.19	23.0	1.0
100	64QAM	1	137	20.61	20.65	20.59	21.5	2.5
100	256QAM	1	137	19.18	19.21	19.12	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	23.05	23.07	23.05	24.0	0.0
Channel				507204	518598	529908	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.08	23.11	23.02	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.05	23.15	23.00	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.05	23.18	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.04	23.11	23.08	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.06	23.13	23.08	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	23.12	23.15	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.32	22.41	22.37		
100	PI/2 BPSK	1	137	23.47	23.50	23.49	24.0	0.0
100	PI/2 BPSK	1	271	22.24	22.30	22.27		
100	PI/2 BPSK	135	0	22.58	22.63	22.60	23.5	0.5
100	PI/2 BPSK	135	69	23.44	23.51	23.43	24.0	0.0
100	PI/2 BPSK	135	138	22.62	22.66	22.61	23.5	0.5
100	PI/2 BPSK	270	0	22.55	22.63	22.58		
100	QPSK	1	1	22.30	22.36	22.28		
100	QPSK	1	137	23.50	23.55	23.35	24.0	0.0
100	QPSK	1	271	22.10	22.22	22.13		
100	QPSK	135	0	22.09	22.03	22.14		
100	QPSK	135	69	23.34	23.35	23.27	24.0	0.0
100	QPSK	135	138	22.08	22.00	22.04		
100	QPSK	270	0	21.88	22.00	21.96	23.0	1.0
100	16QAM	1	137	22.06	22.15	22.05	23.0	1.0
100	64QAM	1	137	20.58	20.68	20.61	21.5	2.5
100	256QAM	1	137	19.25	19.28	19.21	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	23.27	23.24	23.26	24.0	0.0
Channel				507204	518598	529908	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.20	23.29	23.17	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.25	23.32	23.23	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.28	23.25	23.24	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.24	23.31	23.23	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.28	23.28	23.27	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	23.29	23.28	23.27	24.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.93			
100	PI/2 BPSK	1	137		23.82		24.5	0.0
100	PI/2 BPSK	1	271		23.05			
100	PI/2 BPSK	135	0		23.60		24.5	0.0
100	PI/2 BPSK	135	69		23.71		24.5	0.0
100	PI/2 BPSK	135	138		23.62		24.5	0.0
100	PI/2 BPSK	270	0		23.56			
100	QPSK	1	1		22.97			
100	QPSK	1	137		23.86		24.5	0.0
100	QPSK	1	271		23.11			
100	QPSK	135	0		23.50			
100	QPSK	135	69		23.78		24.5	0.0
100	QPSK	135	138		23.60			
100	QPSK	270	0		23.54		24.5	0.0
100	16QAM	1	137		23.01		24.5	0.0
100	64QAM	1	137		22.95		24.5	0.0
100	256QAM	1	137		22.07		23.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.68	23.59	23.65	24.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	23.81	23.71	23.64	24.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	23.70	23.67	23.58	24.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.78	23.68	23.71	24.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	23.75	23.70	23.60	24.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.81	23.56	23.56	24.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	23.77	23.53	23.54	24.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	23.76	23.59	23.50	24.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		25.84			
100	PI/2 BPSK	1	137		25.79		27.5	0.0
100	PI/2 BPSK	1	271		25.86			
100	PI/2 BPSK	135	0		25.90		27.0	0.5
100	PI/2 BPSK	135	69		25.79		27.5	0.0
100	PI/2 BPSK	135	138		25.88		27.0	0.5
100	PI/2 BPSK	270	0		25.95			
100	QPSK	1	1		25.79			
100	QPSK	1	137		25.98		27.5	0.0
100	QPSK	1	271		25.70			
100	QPSK	135	0		25.48			
100	QPSK	135	69		25.91		27.5	0.0
100	QPSK	135	138		25.66			
100	QPSK	270	0		25.95		26.5	1.0
100	16QAM	1	137		25.16		26.5	1.0
100	64QAM	1	137		23.54		25.0	2.5
100	256QAM	1	137		21.53		23.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	25.94	25.90	25.83	27.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	25.85	25.92	25.85	27.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	25.88	25.95	25.95	27.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	25.86	25.88	25.84	27.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	25.90	25.82	25.90	27.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	25.90	25.92	25.89	27.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	25.93	25.94	25.88	27.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	25.90	25.85	25.81	27.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.03			
100	PI/2 BPSK	1	137		23.57		24.5	0.0
100	PI/2 BPSK	1	271		22.97			
100	PI/2 BPSK	135	0		23.32		24.5	0.0
100	PI/2 BPSK	135	69		23.53		24.5	0.0
100	PI/2 BPSK	135	138		23.30		24.5	0.0
100	PI/2 BPSK	270	0		23.27			
100	QPSK	1	1		23.01			
100	QPSK	1	137		23.61		24.5	0.0
100	QPSK	1	271		22.94			
100	QPSK	135	0		23.30			
100	QPSK	135	69		23.47		24.5	0.0
100	QPSK	135	138		23.21			
100	QPSK	270	0		23.23		24.5	0.0
100	16QAM	1	137		23.07		24.5	0.0
100	64QAM	1	137		23.13		24.5	0.0
100	256QAM	1	137		21.64		23.0	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	23.39	23.39	23.21	24.5	0.0
Channel				649334	650002	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	23.41	23.46	23.26	24.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	23.34	23.35	23.21	24.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	23.39	23.53	23.22	24.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	23.31	23.34	23.34	24.5	0.0
Channel				648002	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	23.39	23.38	23.29	24.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	23.33	23.25	23.23	24.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	23.44	23.53	23.26	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		25.64			
100	PI/2 BPSK	1	137		26.00		27.5	0.0
100	PI/2 BPSK	1	271		25.58			
100	PI/2 BPSK	135	0		25.84		27.0	0.5
100	PI/2 BPSK	135	69		25.97		27.5	0.0
100	PI/2 BPSK	135	138		25.65		27.0	0.5
100	PI/2 BPSK	270	0		25.62			
100	QPSK	1	1		25.60			
100	QPSK	1	137		26.07		27.5	0.0
100	QPSK	1	271		25.59			
100	QPSK	135	0		25.44			
100	QPSK	135	69		25.98		27.5	0.0
100	QPSK	135	138		25.40			
100	QPSK	270	0		25.17		26.5	1.0
100	16QAM	1	137		24.90		26.5	1.0
100	64QAM	1	137		23.56		25.0	2.5
100	256QAM	1	137		21.23		23.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	25.94	25.93	25.92	27.5	0.0
Channel				649234	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	25.99	25.99	26.00	27.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	26.02	25.97	25.98	27.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	25.99	26.06	26.04	27.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	25.93	26.00	25.97	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	26.04	26.01	25.96	27.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	25.98	26.03	25.98	27.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	25.96	25.98	26.00	27.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.71			
100	PI/2 BPSK	1	137		24.65		25.5	0.0
100	PI/2 BPSK	1	271		23.92			
100	PI/2 BPSK	135	0		24.29		25.5	0.0
100	PI/2 BPSK	135	69		24.55		25.5	0.0
100	PI/2 BPSK	135	138		24.41		25.5	0.0
100	PI/2 BPSK	270	0		24.35			
100	QPSK	1	1		23.80			
100	QPSK	1	137		24.69		25.5	0.0
100	QPSK	1	271		23.95			
100	QPSK	135	0		24.24			
100	QPSK	135	69		24.50		25.5	0.0
100	QPSK	135	138		24.32			
100	QPSK	270	0		24.29		25.5	0.0
100	16QAM	1	137		24.55		25.5	0.0
100	64QAM	1	137		24.22		25.5	0.0
100	256QAM	1	137		22.92		24.0	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	24.26	24.47	24.32	25.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	24.35	24.37	24.25	25.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	24.22	24.41	24.22	25.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	24.36	24.61	24.45	25.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	24.20	24.48	24.39	25.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	24.15	24.61	24.18	25.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	24.25	24.39	24.46	25.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	24.21	24.46	24.20	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		26.59			
100	PI/2 BPSK	1	137		27.44		28.5	0.0
100	PI/2 BPSK	1	271		26.63			
100	PI/2 BPSK	135	0		26.61		28.0	0.5
100	PI/2 BPSK	135	69		27.42		28.5	0.0
100	PI/2 BPSK	135	138		26.70		28.0	0.5
100	PI/2 BPSK	270	0		27.41			
100	QPSK	1	1		26.62			
100	QPSK	1	137		27.50		28.5	0.0
100	QPSK	1	271		26.88			
100	QPSK	135	0		26.58			
100	QPSK	135	69		27.43		28.5	0.0
100	QPSK	135	138		26.59			
100	QPSK	270	0		26.52		27.5	1.0
100	16QAM	1	137		26.69		27.5	1.0
100	64QAM	1	137		25.02		26.0	2.5
100	256QAM	1	137		23.13		24.0	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	26.84	26.85	26.99	28.5	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	26.83	26.73	26.98	28.5	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	26.86	26.93	26.91	28.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	26.93	26.78	27.04	28.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	26.98	26.74	26.86	28.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	26.78	26.71	27.05	28.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	26.82	26.87	26.97	28.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	26.95	26.73	27.13	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.58			
100	PI/2 BPSK	1	137		24.47		25.5	0.0
100	PI/2 BPSK	1	271		23.59			
100	PI/2 BPSK	135	0		24.25		25.5	0.0
100	PI/2 BPSK	135	69		24.46		25.5	0.0
100	PI/2 BPSK	135	138		24.23		25.5	0.0
100	PI/2 BPSK	270	0		24.21			
100	QPSK	1	1		23.57			
100	QPSK	1	137		24.46		25.5	0.0
100	QPSK	1	271		23.56			
100	QPSK	135	0		24.12			
100	QPSK	135	69		24.38		25.5	0.0
100	QPSK	135	138		24.19			
100	QPSK	270	0		24.06		25.5	0.0
100	16QAM	1	137		24.36		25.5	0.0
100	64QAM	1	137		24.36		25.5	0.0
100	256QAM	1	137		23.10		24.0	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	24.16	24.27	24.25	25.5	0.0
Channel				649324	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	24.16	24.19	24.21	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.26	24.28	24.35	25.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	24.28	24.25	24.37	25.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	24.15	24.37	24.11	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.17	24.16	24.31	25.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	24.29	24.22	24.20	25.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	24.30	24.26	24.19	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		27.17			
100	PI/2 BPSK	1	137		28.09		28.5	0.0
100	PI/2 BPSK	1	271		27.42			
100	PI/2 BPSK	135	0		27.43		28.0	0.5
100	PI/2 BPSK	135	69		28.03		28.5	0.0
100	PI/2 BPSK	135	138		27.54		28.0	0.5
100	PI/2 BPSK	270	0		27.47			
100	QPSK	1	1		27.20			
100	QPSK	1	137		28.11		28.5	0.0
100	QPSK	1	271		27.31			
100	QPSK	135	0		27.09			
100	QPSK	135	69		28.06		28.5	0.0
100	QPSK	135	138		27.07			
100	QPSK	270	0		27.01		27.5	1.0
100	16QAM	1	137		26.81		27.5	1.0
100	64QAM	1	137		25.23		26.0	2.5
100	256QAM	1	137		23.14		24.0	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	27.93	27.95	27.86	28.5	0.0
Channel				649324	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	27.98	27.98	27.92	28.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	27.99	27.99	28.01	28.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	27.94	28.06	27.87	28.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	27.87	27.97	27.96	28.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	27.92	28.10	27.80	28.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	27.86	27.92	27.73	28.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	27.99	27.92	27.94	28.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.48			
100	PI/2 BPSK	1	137		21.40		22.3	0.0
100	PI/2 BPSK	1	271		20.55			
100	PI/2 BPSK	135	0		21.05		22.3	0.0
100	PI/2 BPSK	135	69		21.34		22.3	0.0
100	PI/2 BPSK	135	138		21.05		22.3	0.0
100	PI/2 BPSK	270	0		21.07			
100	QPSK	1	1		20.45			
100	QPSK	1	137		21.41		22.3	0.0
100	QPSK	1	271		20.51			
100	QPSK	135	0		21.01			
100	QPSK	135	69		21.25		22.3	0.0
100	QPSK	135	138		21.03			
100	QPSK	270	0		21.02		22.3	0.0
100	16QAM	1	137		20.74		22.3	0.0
100	64QAM	1	137		20.75		22.3	0.0
100	256QAM	1	137		19.51		20.8	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	21.17	21.09	21.26	22.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	21.31	21.14	21.15	22.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	21.14	21.06	21.29	22.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	21.19	21.05	21.36	22.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	21.26	21.16	21.21	22.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	21.03	21.10	21.36	22.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	21.16	21.19	21.40	22.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	21.23	21.07	21.30	22.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.74			
100	PI/2 BPSK	1	137		24.36		25.3	0.0
100	PI/2 BPSK	1	271		23.94			
100	PI/2 BPSK	135	0		23.85		24.8	0.5
100	PI/2 BPSK	135	69		24.33		25.3	0.0
100	PI/2 BPSK	135	138		24.01		24.8	0.5
100	PI/2 BPSK	270	0		23.92			
100	QPSK	1	1		23.71			
100	QPSK	1	137		24.40		25.3	0.0
100	QPSK	1	271		23.88			
100	QPSK	135	0		23.62			
100	QPSK	135	69		24.37		25.3	0.0
100	QPSK	135	138		23.98			
100	QPSK	270	0		23.42		24.3	1.0
100	16QAM	1	137		23.20		24.3	1.0
100	64QAM	1	137		21.59		22.8	2.5
100	256QAM	1	137		19.61		20.8	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.96	23.90	23.98	25.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	24.09	23.77	24.07	25.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	23.93	24.01	23.84	25.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.93	24.01	23.91	25.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	24.10	24.01	23.83	25.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.92	24.01	23.93	25.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	24.02	23.86	23.83	25.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	24.09	23.98	23.91	25.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.36			
100	PI/2 BPSK	1	137		21.14		22.3	0.0
100	PI/2 BPSK	1	271		20.38			
100	PI/2 BPSK	135	0		20.90		22.3	0.0
100	PI/2 BPSK	135	69		21.09		22.3	0.0
100	PI/2 BPSK	135	138		20.91		22.3	0.0
100	PI/2 BPSK	270	0		20.90			
100	QPSK	1	1		20.38			
100	QPSK	1	137		21.20		22.3	0.0
100	QPSK	1	271		20.41			
100	QPSK	135	0		20.80			
100	QPSK	135	69		21.04		22.3	0.0
100	QPSK	135	138		20.91			
100	QPSK	270	0		20.81		22.3	0.0
100	16QAM	1	137		20.38		22.3	0.0
100	64QAM	1	137		20.47		22.3	0.0
100	256QAM	1	137		19.31		20.8	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	20.73	20.78	21.02	22.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	20.82	20.79	20.89	22.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.77	20.84	20.88	22.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	20.68	20.82	21.06	22.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	20.80	20.72	21.16	22.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.63	20.64	21.08	22.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	20.61	20.89	21.03	22.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	20.59	20.77	21.17	22.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.73			
100	PI/2 BPSK	1	137		24.50		25.3	0.0
100	PI/2 BPSK	1	271		23.92			
100	PI/2 BPSK	135	0		23.85		24.8	0.5
100	PI/2 BPSK	135	69		24.50		25.3	0.0
100	PI/2 BPSK	135	138		24.02		24.8	0.5
100	PI/2 BPSK	270	0		23.96			
100	QPSK	1	1		23.64			
100	QPSK	1	137		24.57		25.3	0.0
100	QPSK	1	271		23.78			
100	QPSK	135	0		23.56			
100	QPSK	135	69		24.54		25.3	0.0
100	QPSK	135	138		23.61			
100	QPSK	270	0		23.50		24.3	1.0
100	16QAM	1	137		23.12		24.3	1.0
100	64QAM	1	137		21.56		22.8	2.5
100	256QAM	1	137		19.56		20.8	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	24.37	24.34	24.32	25.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	24.39	24.21	24.18	25.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.37	24.35	24.30	25.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	24.49	24.42	24.22	25.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	24.48	24.29	24.30	25.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.28	24.25	24.28	25.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	24.49	24.26	24.33	25.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	24.23	24.22	24.27	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.39			
100	PI/2 BPSK	1	137		20.23		21.0	0.0
100	PI/2 BPSK	1	271		19.40			
100	PI/2 BPSK	135	0		20.02		21.0	0.0
100	PI/2 BPSK	135	69		20.15		21.0	0.0
100	PI/2 BPSK	135	138		20.02		21.0	0.0
100	PI/2 BPSK	270	0		20.04			
100	QPSK	1	1		19.41		21.0	0.0
100	QPSK	1	137		20.27			
100	QPSK	1	271		19.46			
100	QPSK	135	0		19.97		21.0	0.0
100	QPSK	135	69		20.10			
100	QPSK	135	138		19.95			
100	QPSK	270	0		19.93		21.0	0.0
100	16QAM	1	137		20.08		21.0	0.0
100	64QAM	1	137		20.07		21.0	0.0
100	256QAM	1	137		18.93		19.5	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.17	20.21	20.21	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.24	20.21	20.24	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.21	20.16	20.17	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.21	20.22	20.16	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.13	20.15	20.27	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.09	20.24	20.14	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.12	20.14	20.21	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.11	20.08	20.18	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		22.94			
100	PI/2 BPSK	1	137		23.26		24.0	0.0
100	PI/2 BPSK	1	271		22.96			
100	PI/2 BPSK	135	0		23.07		23.5	0.5
100	PI/2 BPSK	135	69		23.24		24.0	0.0
100	PI/2 BPSK	135	138		23.02		23.5	0.5
100	PI/2 BPSK	270	0		22.84			
100	QPSK	1	1		22.82		24.0	0.0
100	QPSK	1	137		23.30			
100	QPSK	1	271		22.91			
100	QPSK	135	0		22.69		24.0	0.0
100	QPSK	135	69		23.28			
100	QPSK	135	138		22.70			
100	QPSK	270	0		22.40		23.0	1.0
100	16QAM	1	137		22.56		23.0	1.0
100	64QAM	1	137		21.01		21.5	2.5
100	256QAM	1	137		18.97		19.5	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.16	23.16	23.06	24.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	23.07	23.16	22.98	24.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	23.22	23.15	23.11	24.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.25	23.26	22.97	24.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	23.27	23.13	23.01	24.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.21	23.15	23.13	24.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	23.22	23.06	22.92	24.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	23.01	23.14	23.19	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		19.03		21.0	0.0
100	Pi/2 BPSK	1	137		19.81			
100	Pi/2 BPSK	1	271		19.21			
100	Pi/2 BPSK	135	0		19.52		21.0	0.0
100	Pi/2 BPSK	135	69		19.85		21.0	0.0
100	Pi/2 BPSK	135	138		19.79		21.0	0.0
100	Pi/2 BPSK	270	0		19.57			
100	QPSK	1	1		19.09		21.0	0.0
100	QPSK	1	137		19.88			
100	QPSK	1	271		19.19			
100	QPSK	135	0		19.45		21.0	0.0
100	QPSK	135	69		19.77			
100	QPSK	135	138		19.67			
100	QPSK	270	0		19.54		21.0	0.0
100	16QAM	1	137		19.06		21.0	0.0
100	64QAM	1	137		19.06		21.0	0.0
100	256QAM	1	137		18.10		19.5	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.55	19.45	19.56	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.64	19.34	19.70	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.45	19.33	19.56	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.40	19.34	19.65	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.62	19.32	19.67	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.50	19.59	19.65	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.70	19.50	19.47	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.41	19.34	19.55	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		22.52		24.0	0.0
100	Pi/2 BPSK	1	137		23.51			
100	Pi/2 BPSK	1	271		22.89			
100	Pi/2 BPSK	135	0		22.78		23.5	0.5
100	Pi/2 BPSK	135	69		23.50		24.0	0.0
100	Pi/2 BPSK	135	138		23.05		23.5	0.5
100	Pi/2 BPSK	270	0		22.95			
100	QPSK	1	1		22.61		24.0	0.0
100	QPSK	1	137		23.55			
100	QPSK	1	271		22.88			
100	QPSK	135	0		22.66		24.0	0.0
100	QPSK	135	69		23.53			
100	QPSK	135	138		22.67			
100	QPSK	270	0		22.57		23.0	1.0
100	16QAM	1	137		22.17		23.0	1.0
100	64QAM	1	137		20.52		21.5	2.5
100	256QAM	1	137		18.39		19.5	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	23.22	22.99	23.02	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	23.19	23.10	23.04	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	23.17	22.87	22.99	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	23.32	22.87	22.92	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	23.15	22.98	22.91	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	23.19	22.92	22.88	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	23.20	22.89	23.16	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	23.16	22.93	23.14	24.0	0.0

Reduced Power Mode for DSI0 ENDC

Band 2 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45		
20	QPSK	1	49	22.53	22.61	22.46	23	0
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38		
20	QPSK	50	24	21.46	21.54	21.39	22	1
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39		
20	16QAM	1	49	21.50	21.51	21.49	22	1
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50		
20	16QAM	50	24	20.66	20.68	20.56	21	2
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54		
20	64QAM	1	49	20.72	20.74	20.66	21	2
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57		
20	64QAM	50	24	19.57	19.66	19.64	20	3
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.48	17.45		
20	256QAM	1	49	17.51	17.62	17.60	18	5
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55		
20	256QAM	50	24	17.55	17.63	17.58	18	5
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36		
15	QPSK	1	37	22.49	22.53	22.40	23	0
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.36	21.51	21.40		
15	QPSK	36	20	21.36	21.40	21.36	22	1
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.32	21.32	21.32		
15	16QAM	1	37	21.59	21.58	21.40	22	1
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47		
15	16QAM	36	20	20.60	20.60	20.53	21	2
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47		
15	64QAM	1	37	20.65	20.71	20.58	21	2
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50		
15	64QAM	36	20	19.51	19.63	19.56	20	3
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41		
15	256QAM	1	37	17.49	17.55	17.54	18	5
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.47	17.48		
15	256QAM	36	20	17.49	17.56	17.46	18	5
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41		
10	QPSK	1	25	22.49	22.55	22.37	23	0
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32		
10	QPSK	25	12	21.45	21.50	21.30	22	1
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.43	21.46	21.36		
10	16QAM	1	25	21.56	21.57	21.41	22	1
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45		
10	16QAM	25	12	20.66	20.64	20.53	21	2
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49		
10	64QAM	1	25	20.63	20.62	20.52	21	2
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55		
10	64QAM	25	12	19.55	19.56	19.60	20	3
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42		
10	256QAM	1	25	17.45	17.62	17.60	18	5
10	256QAM	1	49	17.30	17.22	17.22		
10	256QAM	25	0	17.44	17.53	17.50		
10	256QAM	25	12	17.49	17.56	17.53	18	5
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.56	17.54		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44		
5	QPSK	1	12	22.49	22.55	22.35	23	0
5	QPSK	1	24	22.31	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31		
5	QPSK	12	7	21.41	21.43	21.36	22	1
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.45	21.35		
5	16QAM	1	12	21.58	21.56	21.42	22	1
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46		
5	16QAM	12	7	20.65	20.65	20.45	21	2
5	16QAM	12	13	20.57	20.59	20.44		
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50		
5	64QAM	1	12	20.64	20.63	20.63	21	2
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52		
5	64QAM	12	7	19.52	19.58	19.58	20	3
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43		
5	256QAM	1	12	17.46	17.59	17.55	18	5
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51		
5	256QAM	12	7	17.47	17.59	17.51	18	5
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43		
3	QPSK	1	8	22.52	22.56	22.44	23	0
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34		
3	QPSK	8	4	21.39	21.47	21.30	22	1
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.38	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.30		
3	16QAM	1	8	21.61	21.59	21.41	22	1
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47		
3	16QAM	8	4	20.60	20.63	20.53	21	2
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48		
3	64QAM	1	8	20.63	20.63	20.63	21	2
3	64QAM	1	14	20.48	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57		
3	64QAM	8	4	19.51	19.61	19.59	20	3
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41		
3	256QAM	1	8	17.41	17.58	17.58	18	5
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51		
3	256QAM	8	4	17.51	17.55	17.54	18	5
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35		
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20	23	0
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	1	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39		
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23	22	1
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.50	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.65	20.57	20.51		
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42	21	2
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44		
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33	18	5
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.95	15.89	15.73		
20	QPSK	1	49	15.96	15.97	15.81	16.5	0
20	QPSK	1	99	15.68	15.65	15.55		
20	QPSK	50	0	15.82	15.83	15.69		
20	QPSK	50	24	15.92	15.93	15.71	16.5	0
20	QPSK	50	50	15.54	15.58	15.50		
20	QPSK	100	0	15.93	15.95	15.59		
20	16QAM	1	0	15.88	15.85	15.75		
20	16QAM	1	49	15.98	15.98	15.46	16.5	0
20	16QAM	1	99	15.87	15.85	15.59		
20	16QAM	50	0	15.91	15.83	15.65		
20	16QAM	50	24	15.84	15.92	15.74	16.5	0
20	16QAM	50	50	15.65	15.59	15.53		
20	16QAM	100	0	15.95	15.91	15.70		
20	64QAM	1	0	15.85	15.77	15.70		
20	64QAM	1	49	15.94	15.80	15.68	16.5	0
20	64QAM	1	99	15.54	15.56	15.46		
20	64QAM	50	0	15.57	15.56	15.48		
20	64QAM	50	24	15.93	15.84	15.66	16.5	0
20	64QAM	50	50	15.95	15.83	15.78		
20	64QAM	100	0	15.61	15.53	15.53		
20	256QAM	1	0	15.82	15.86	15.68		
20	256QAM	1	49	15.82	15.91	15.77	16.5	0
20	256QAM	1	99	15.60	15.57	15.51		
20	256QAM	50	0	15.86	15.87	15.59		
20	256QAM	50	24	15.87	15.78	15.69	16.5	0
20	256QAM	50	50	15.93	15.82	15.79		
20	256QAM	100	0	15.66	15.61	15.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.91	15.87	15.70		
15	QPSK	1	37	15.86	15.80	15.75	16.5	0
15	QPSK	1	74	15.62	15.56	15.43		
15	QPSK	36	0	15.79	15.79	15.59		
15	QPSK	36	20	15.84	15.80	15.63	16.5	0
15	QPSK	36	39	15.43	15.52	15.38		
15	QPSK	75	0	15.79	15.88	15.48		
15	16QAM	1	0	15.86	15.82	15.64		
15	16QAM	1	37	15.50	15.60	15.42	16.5	0
15	16QAM	1	74	15.79	15.82	15.58		
15	16QAM	36	0	15.76	15.77	15.57		
15	16QAM	36	20	15.59	15.78	15.67	16.5	0
15	16QAM	36	39	15.60	15.56	15.50		
15	16QAM	75	0	15.85	15.82	15.66		
15	64QAM	1	0	15.79	15.75	15.56		
15	64QAM	1	37	15.80	15.77	15.54	16.5	0
15	64QAM	1	74	15.48	15.55	15.44		
15	64QAM	36	0	15.48	15.54	15.38		
15	64QAM	36	20	15.86	15.80	15.63	16.5	0
15	64QAM	36	39	15.85	15.73	15.77		
15	64QAM	75	0	15.52	15.49	15.52		
15	256QAM	1	0	15.76	15.81	15.53		
15	256QAM	1	37	15.76	15.89	15.64	16.5	0
15	256QAM	1	74	15.46	15.51	15.45		
15	256QAM	36	0	15.79	15.83	15.44		
15	256QAM	36	20	15.73	15.73	15.56	16.5	0
15	256QAM	36	39	15.83	15.68	15.71		
15	256QAM	75	0	15.55	15.57	15.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.87	15.80	15.61		
10	QPSK	1	25	15.90	15.90	15.75	16.5	0
10	QPSK	1	49	15.57	15.64	15.42		
10	QPSK	25	0	15.71	15.77	15.64		
10	QPSK	25	12	15.91	15.82	15.60	16.5	0
10	QPSK	25	25	15.52	15.53	15.46		
10	QPSK	50	0	15.81	15.85	15.51		
10	16QAM	1	0	15.82	15.78	15.62		
10	16QAM	1	25	15.55	15.62	15.35	16.5	0
10	16QAM	1	49	15.78	15.71	15.56		
10	16QAM	25	0	15.77	15.81	15.58		
10	16QAM	25	12	15.82	15.87	15.72	16.5	0
10	16QAM	25	25	15.53	15.56	15.46		
10	16QAM	50	0	15.81	15.88	15.59		
10	64QAM	1	0	15.82	15.66	15.65		
10	64QAM	1	25	15.93	15.74	15.66	16.5	0
10	64QAM	1	49	15.52	15.47	15.40		
10	64QAM	25	0	15.47	15.55	15.44		
10	64QAM	25	12	15.89	15.76	15.64	16.5	0
10	64QAM	25	25	15.74	15.77	15.66		
10	64QAM	50	0	15.54	15.49	15.41		
10	256QAM	1	0	15.71	15.77	15.62		
10	256QAM	1	25	15.70	15.83	15.70	16.5	0
10	256QAM	1	49	15.50	15.54	15.39		
10	256QAM	25	0	15.82	15.73	15.57		
10	256QAM	25	12	15.84	15.66	15.68	16.5	0
10	256QAM	25	25	15.83	15.72	15.78		
10	256QAM	50	0	15.62	15.50	15.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.86	15.81	15.64		
5	QPSK	1	12	15.82	15.94	15.78	16.5	0
5	QPSK	1	24	15.61	15.59	15.51		
5	QPSK	12	0	15.71	15.73	15.68		
5	QPSK	12	7	15.81	15.87	15.56	16.5	0
5	QPSK	12	13	15.46	15.54	15.44		
5	QPSK	25	0	15.88	15.82	15.50		
5	16QAM	1	0	15.84	15.75	15.63		
5	16QAM	1	12	15.46	15.51	15.43	16.5	0
5	16QAM	1	24	15.81	15.74	15.47		
5	16QAM	12	0	15.86	15.79	15.64		
5	16QAM	12	7	15.76	15.76	15.69	16.5	0
5	16QAM	12	13	15.57	15.47	15.52		
5	16QAM	25	0	15.88	15.81	15.55		
5	64QAM	1	0	15.84	15.75	15.59		
5	64QAM	1	12	15.89	15.76	15.57	16.5	0
5	64QAM	1	24	15.42	15.52	15.40		
5	64QAM	12	0	15.44	15.50	15.37		
5	64QAM	12	7	15.84	15.75	15.52	16.5	0
5	64QAM	12	13	15.80	15.82	15.77		
5	64QAM	25	0	15.57	15.52	15.45		
5	256QAM	1	0	15.79	15.72	15.62		
5	256QAM	1	12	15.77	15.83	15.73	16.5	0
5	256QAM	1	24	15.48	15.43	15.45		
5	256QAM	12	0	15.78	15.84	15.56		
5	256QAM	12	7	15.77	15.63	15.59	16.5	0
5	256QAM	12	13	15.76	15.81	15.78		
5	256QAM	25	0	15.60	15.47	15.42		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.82	15.77	15.58		
3	QPSK	1	8	15.85	15.88	15.71	16.5	0
3	QPSK	1	14	15.66	15.62	15.49		
3	QPSK	8	0	15.78	15.80	15.63		
3	QPSK	8	4	15.90	15.88	15.66	16.5	0
3	QPSK	8	7	15.50	15.54	15.47		
3	QPSK	15	0	15.83	15.94	15.56		
3	16QAM	1	0	15.85	15.74	15.66		
3	16QAM	1	8	15.43	15.61	15.38	16.5	0
3	16QAM	1	14	15.74	15.76	15.48		
3	16QAM	8	0	15.81	15.73	15.53		
3	16QAM	8	4	15.77	15.80	15.62	16.5	0
3	16QAM	8	7	15.52	15.49	15.47		
3	16QAM	15	0	15.94	15.85	15.67		
3	64QAM	1	0	15.76	15.69	15.66		
3	64QAM	1	8	15.84	15.72	15.61	16.5	0
3	64QAM	1	14	15.52	15.51	15.37		
3	64QAM	8	0	15.42	15.41	15.47		
3	64QAM	8	4	15.81	15.74	15.52	16.5	0
3	64QAM	8	7	15.85	15.76	15.64		
3	64QAM	15	0	15.48	15.49	15.51		
3	256QAM	1	0	15.69	15.83	15.58		
3	256QAM	1	8	15.76	15.88	15.71	16.5	0
3	256QAM	1	14	15.57	15.45	15.41		
3	256QAM	8	0	15.84	15.77	15.49		
3	256QAM	8	4	15.74	15.63	15.57	16.5	0
3	256QAM	8	7	15.78	15.74	15.71		
3	256QAM	15	0	15.62	15.49	15.35		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.86	15.74	15.70		
1.4	QPSK	1	3	15.90	15.86	15.73		
1.4	QPSK	1	5	15.66	15.55	15.53	16.5	0
1.4	QPSK	3	0	15.78	15.77	15.56		
1.4	QPSK	3	1	15.78	15.78	15.59		
1.4	QPSK	3	3	15.47	15.56	15.46		
1.4	QPSK	6	0	15.86	15.83	15.53	16.5	0
1.4	16QAM	1	0	15.77	15.74	15.69		
1.4	16QAM	1	3	15.52	15.59	15.46		
1.4	16QAM	1	5	15.83	15.76	15.57	16.5	0
1.4	16QAM	3	0	15.80	15.69	15.52		
1.4	16QAM	3	1	15.78	15.88	15.63		
1.4	16QAM	3	3	15.59	15.48	15.43		
1.4	16QAM	6	0	15.88	15.88	15.68	16.5	0
1.4	64QAM	1	0	15.70	15.70	15.60		
1.4	64QAM	1	3	15.86	15.70	15.59		
1.4	64QAM	1	5	15.48	15.50	15.43	16.5	0
1.4	64QAM	3	0	15.45	15.41	15.47		
1.4	64QAM	3	1	15.89	15.82	15.56		
1.4	64QAM	3	3	15.81	15.76	15.74		
1.4	64QAM	6	0	15.59	15.44	15.40	16.5	0
1.4	256QAM	1	0	15.76	15.79	15.61		
1.4	256QAM	1	3	15.81	15.88	15.66		
1.4	256QAM	1	5	15.50	15.44	15.43	16.5	0
1.4	256QAM	3	0	15.79	15.79	15.52		
1.4	256QAM	3	1	15.84	15.67	15.63		
1.4	256QAM	3	3	15.92	15.76	15.70		
1.4	256QAM	6	0	15.62	15.53	15.42	16.5	0

Band 5 Other PA_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)				826	836.5	844		
10	QPSK	1	0	24.05	24.08	24.00		
10	QPSK	1	25	24.06	24.12	24.06	25	0
10	QPSK	1	49	24.00	24.06	24.03		
10	QPSK	25	0	22.94	23.01	22.97		
10	QPSK	25	12	23.04	23.11	23.09	24	1
10	QPSK	25	25	22.95	23.04	23.02		
10	QPSK	50	0	23.00	23.09	23.05		
10	16QAM	1	0	23.02	23.09	23.07		
10	16QAM	1	25	23.07	23.16	23.11	24	1
10	16QAM	1	49	23.02	23.12	23.08		
10	16QAM	25	0	21.90	22.02	21.96		
10	16QAM	25	12	21.

Band 7 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.44	21.45	21.42	22.3	0
20	QPSK	1	49	21.53	21.58	21.55		
20	QPSK	1	99	21.36	21.43	21.42		
20	QPSK	50	0	20.38	20.46	20.46	21.3	1
20	QPSK	50	24	20.46	20.52	20.50		
20	QPSK	50	50	20.43	20.49	20.48		
20	QPSK	100	0	20.39	20.46	20.44		
20	16QAM	1	0	20.40	20.47	20.48	21.3	1
20	16QAM	1	49	20.55	20.65	20.66		
20	16QAM	1	99	20.40	20.48	20.47		
20	16QAM	50	0	19.34	19.42	19.38	20.3	2
20	16QAM	50	24	19.38	19.46	19.44		
20	16QAM	50	50	19.39	19.45	19.40		
20	16QAM	100	0	19.40	19.45	19.43		
20	64QAM	1	0	19.37	19.39	19.39	20.3	2
20	64QAM	1	49	19.52	19.55	19.54		
20	64QAM	1	99	19.36	19.38	19.36		
20	64QAM	50	0	18.30	18.38	18.33	19.3	3
20	64QAM	50	24	18.34	18.45	18.44		
20	64QAM	50	50	18.36	18.44	18.43		
20	64QAM	100	0	18.33	18.42	18.37		
20	256QAM	1	0	16.28	16.38	16.36	17.3	5
20	256QAM	1	49	16.44	16.55	16.51		
20	256QAM	1	99	16.35	16.42	16.38		
20	256QAM	50	0	16.43	16.52	16.49	17.3	5
20	256QAM	50	24	16.54	16.62	16.59		
20	256QAM	50	50	16.49	16.58	16.57		
20	256QAM	100	0	16.51	16.60	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.35	21.40	21.36	22.3	0
15	QPSK	1	37	21.50	21.55	21.56		
15	QPSK	1	74	21.35	21.43	21.36		
15	QPSK	36	0	20.35	20.40	20.37	21.3	1
15	QPSK	36	20	20.42	20.44	20.46		
15	QPSK	36	39	20.39	20.41	20.40		
15	QPSK	75	0	20.32	20.39	20.40		
15	16QAM	1	0	20.35	20.40	20.42	21.3	1
15	16QAM	1	37	20.48	20.58	20.62		
15	16QAM	1	74	20.33	20.37	20.44		
15	16QAM	36	0	19.30	19.36	19.33	20.3	2
15	16QAM	36	20	19.35	19.40	19.40		
15	16QAM	36	39	19.37	19.42	19.35		
15	16QAM	75	0	19.29	19.39	19.38		
15	64QAM	1	0	19.34	19.30	19.35	20.3	2
15	64QAM	1	37	19.44	19.51	19.52		
15	64QAM	1	74	19.32	19.32	19.31		
15	64QAM	36	0	18.24	18.36	18.31	19.3	3
15	64QAM	36	20	18.25	18.38	18.42		
15	64QAM	36	39	18.32	18.36	18.44		
15	64QAM	75	0	18.23	18.32	18.31		
15	256QAM	1	0	16.23	16.38	16.29	17.3	5
15	256QAM	1	37	16.38	16.53	16.41		
15	256QAM	1	74	16.35	16.35	16.37		
15	256QAM	36	0	16.43	16.47	16.45	17.3	5
15	256QAM	36	20	16.49	16.62	16.56		
15	256QAM	36	39	16.45	16.48	16.47		
15	256QAM	75	0	16.51	16.55	16.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.39	21.39	21.39	22.3	0
10	QPSK	1	25	21.53	21.51	21.51		
10	QPSK	1	49	21.28	21.33	21.39		
10	QPSK	25	0	20.36	20.35	20.40	21.3	1
10	QPSK	25	12	20.36	20.45	20.49		
10	QPSK	25	25	20.41	20.41	20.44		
10	QPSK	50	0	20.29	20.41	20.37		
10	16QAM	1	0	20.33	20.48	20.46	21.3	1
10	16QAM	1	25	20.50	20.57	20.64		
10	16QAM	1	49	20.33	20.42	20.42		
10	16QAM	25	0	19.29	19.37	19.29	20.3	2
10	16QAM	25	12	19.26	19.46	19.41		
10	16QAM	25	25	19.29	19.39	19.32		
10	16QAM	50	0	19.38	19.40	19.38		
10	64QAM	1	0	19.31	19.33	19.29	20.3	2
10	64QAM	1	25	19.48	19.48	19.46		
10	64QAM	1	49	19.26	19.35	19.29		
10	64QAM	25	0	18.25	18.39	18.24	19.3	3
10	64QAM	25	12	18.28	18.37	18.34		
10	64QAM	25	25	18.33	18.44	18.37		
10	64QAM	50	0	18.32	18.38	18.28		
10	256QAM	1	0	16.21	16.30	16.31	17.3	5
10	256QAM	1	25	16.43	16.45	16.46		
10	256QAM	1	49	16.28	16.37	16.34		
10	256QAM	25	0	16.35	16.47	16.37	17.3	5
10	256QAM	25	12	16.47	16.55	16.52		
10	256QAM	25	25	16.41	16.48	16.47		
10	256QAM	50	0	16.49	16.55	16.48		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.34	21.41	21.34	22.3	0
5	QPSK	1	12	21.47	21.52	21.49		
5	QPSK	1	24	21.31	21.42	21.32		
5	QPSK	12	0	20.34	20.35	20.41	21.3	1
5	QPSK	12	7	20.40	20.48	20.48		
5	QPSK	12	13	20.38	20.42	20.42		
5	QPSK	25	0	20.28	20.44	20.39		
5	16QAM	1	0	20.37	20.43	20.42	21.3	1
5	16QAM	1	12	20.49	20.61	20.59		
5	16QAM	1	24	20.31	20.42	20.37		
5	16QAM	12	0	19.22	19.32	19.30	20.3	2
5	16QAM	12	7	19.33	19.38	19.42		
5	16QAM	12	13	19.36	19.40	19.30		
5	16QAM	25	0	19.36	19.42	19.33		
5	64QAM	1	0	19.32	19.39	19.36	20.3	2
5	64QAM	1	12	19.45	19.49	19.50		
5	64QAM	1	24	19.31	19.32	19.28		
5	64QAM	12	0	18.24	18.30	18.28	19.3	3
5	64QAM	12	7	18.34	18.34	18.45		
5	64QAM	12	13	18.33	18.38	18.42		
5	64QAM	25	0	18.29	18.33	18.27		
5	256QAM	1	0	16.22	16.31	16.29	17.3	5
5	256QAM	1	12	16.37	16.50	16.42		
5	256QAM	1	24	16.31	16.33	16.31		
5	256QAM	12	0	16.37	16.50	16.49	17.3	5
5	256QAM	12	7	16.49	16.55	16.50		
5	256QAM	12	13	16.45	16.58	16.48		
5	256QAM	25	0	16.49	16.53	16.51		

Band 7 Other PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.44	14.53	14.49	15.5	0
20	QPSK	1	49	14.48	14.58	14.57		
20	QPSK	1	99	14.38	14.46	14.47		
20	QPSK	50	0	14.38	14.51	14.29	15.5	0
20	QPSK	50	24	14.43	14.55	14.43		
20	QPSK	50	50	14.33	14.48	14.31		
20	QPSK	100	0	14.35	14.52	14.32		
20	16QAM	1	0	14.28	14.40	14.38	15.5	0
20	16QAM	1	49	14.38	14.44	14.30		
20	16QAM	1	99	14.34	14.53	14.37		
20	16QAM	50	0	14.34	14.47	14.29	15.5	0
20	16QAM	50	24	14.33	14.54	14.38		
20	16QAM	50	50	14.35	14.52	14.28		
20	16QAM	100	0	14.30	14.50	14.35		
20	64QAM	1	0	14.33	14.47	14.36	15.5	0
20	64QAM	1	49	14.34	14.41	14.35		
20	64QAM	1	99	14.39	14.43	14.29		
20	64QAM	50	0	14.40	14.50	14.42	15.5	0
20	64QAM	50	24	14.29	14.50	14.32		
20	64QAM	50	50	14.28	14.50	14.32		
20	64QAM	100	0	14.41	14.47	14.41		
20	256QAM	1	0	14.31	14.49	14.33	15.5	0
20	256QAM	1	49	14.32	14.43	14.37		
20	256QAM	1	99	14.40	14.43	14.31		
20	256QAM	50	0	14.35	14.46	14.36	15.5	0
20	256QAM	50	24	14.35	14.41	14.31		
20	256QAM	50	50	14.41	14.52	14.33		
20	256QAM	100	0	14.35	14.43	14.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.37	14.39	14.35	15.5	0
15	QPSK	1	37	14.43	14.49	14.54		
15	QPSK	1	74	14.26	14.32	14.40		
15	QPSK	36	0	14.36	14.46	14.27	15.5	0
15	QPSK	36	20	14.31	14.47	14.39		
15	QPSK	36	39	14.25	14.47	14.16		
15	QPSK	75	0	14.23	14.46	14.18		
15	16QAM	1	0	14.22	14.37	14.32	15.5	0
15	16QAM	1	37	14.33	14.39	14.21		
15	16QAM	1	74	14.31	14.43	14.24		
15	16QAM	36	0	14.22	14.38	14.25	15.5	0
15	16QAM	36	20	14.24	14.42	14.28		
15	16QAM	36	39	14.34	14.47	14.25		
15	16QAM	75	0	14.27	14.39	14.23		
15	64QAM	1	0	14.30	14.32	14.34	15.5	0
15	64QAM	1	37	14.31	14.26	14.28		
15	64QAM	1	74	14.33	14.29	14.19		
15	64QAM	36	0	14.33	14.43	14.37	15.5	0
15	64QAM	36	20	14.22	14.49	14.24		
15	64QAM	36	39	14.22	14.41	14.27		
15	64QAM	75	0	14.38	14.40	14.31		
15	256QAM	1	0	14.29	14.35	14.29	15.5	0
15	256QAM	1	37	14.31	14.37	14.30		
15	256QAM	1	74	14.25	14.34	14.23		
15	256QAM	36	0	14.30	14.38	14.25	15.5	0
15	256QAM	36	20	14.27	14.29	14.22		
15	256QAM	36	39	14.31	14.37	14.27		
15	256QAM	75	0	14.21	14.41	14.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.29	14.45	14.38	15.5	0
10	QPSK	1	25	14.43	14.49	14.44		
10	QPSK	1	49	14.27	14.37	14.42		
10	QPSK	25	0	14.29	14.37	14.22	15.5	0
10	QPSK	25	12	14.42	14.40	14.34		
10	QPSK	25	25	14.29	14.39	14.19		
10	QPSK	50	0	14.21	14.50	14.23		
10	16QAM	1	0	14.16	14.32	14.36	15.5	0
10	16QAM	1	25	14.37	14.40	14.15		
10	16QAM	1	49	14.24	14.46	14.25		
10	16QAM	25	0	14.30	14.44	14.16	15.5	0
10	16QAM	25	12	14.32	14.43	14.37		
10	16QAM	25	25	14.32	14.40	14.20		
10	16QAM	50	0	14.26	14.48	14.33		
10	64QAM	1	0	14.28	14.43	14.25	15.5	0
10	64QAM	1	25	14.30	14.32	14.33		
10	64QAM	1	49	14.30	14.32	14.14		
10	64QAM	25	0	14.37	14.47	14.34	15.5	0
10	64QAM	25	12	14.18	14.45	14.31		
10	64QAM	25	25	14.18	14.41	14.17		
10	64QAM	50	0	14.29	14.44	14.31		
10	256QAM	1	0	14.29	14.37	14.25	15.5	0
10	256QAM	1	25	14.19	14.40	14.30		
10	256QAM	1	49	14.26	14.34	14.24		
10	256QAM	25	0	14.27	14.45	14.26	15.5	0
10	256QAM	25	12	14.24	14.35	14.30		
10	256QAM	25	25	14.33	14.40	14.18		
10	256QAM	50	0	14.20	14.32	14.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.36	14.42	14.44	15.5	0
5	QPSK	1	12	14.40	14.56	14.55		
5	QPSK	1	24	14.25	14.39	14.42		
5	QPSK	12	0	14.36	14.46	14.17	15.5	0
5	QPSK	12	7	14.36	14.50	14.36		
5	QPSK	12	13	14.28	14.36	14.17		
5	QPSK	25	0	14.27	14.47	14.17		
5	16QAM	1	0	14.24	14.26	14.36	15.5	0
5	16QAM	1	12	14.27	14.35	14.15		
5	16QAM	1	24	14.32	14.45	14.36		
5	16QAM	12	0	14.22	14.41	14.28	15.5	0
5	16QAM	12	7	14.22	14.42	14.26		
5	16QAM	12	13	14.28	14.38	14.26		
5	16QAM	25	0	14.27	14.40	14.27		
5	64QAM	1	0	14.23	14.32	14.24	15.5	0
5	64QAM	1	12	14.30	14.39	14.20		
5	64QAM	1	24	14.38	14.32	14.15		
5	64QAM	12	0	14.30	14.35	14.41	15.5	0
5	64QAM	12	7	14.27	14.37	14.26		
5	64QAM	12	13	14.19	14.35	14.21		
5	64QAM	25	0	14.35	14.44	14.31		
5	256QAM	1	0	14.20	14.38	14.22	15.5	0
5	256QAM	1	12	14.23	14.37	14.32		
5	256QAM	1	24	14.29	14.42	14.17		
5	256QAM	12	0	14.30	14.36	14.30	15.5	0
5	256QAM	12	7	14.31	14.38	14.22		
5	256QAM	12	13	14.39	14.44	14.25		
5	256QAM	25	0	14.25	14.35	14.33		

Band 7 Other PA_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	21.43	21.46	21.44	22.9	0
20	QPSK	1	49	21.58	21.61	21.54		
20	QPSK	1	99	21.44	21.45	21.35		
20	QPSK	50	0	20.40	20.42	20.35	21.9	1
20	QPSK	50	24	20.50	20.52	20.47		
20	QPSK	50	50	20.43	20.46	20.43		
20	QPSK	100	0	20.43	20.48	20.42		
20	16QAM	1	0	20.39	20.46	20.41	21.9	1
20	16QAM	1	49	20.56	20.66	20.63		
20	16QAM	1	99	20.40	20.49	20.44		
20	16QAM	50	0	19.34	19.41	19.38	20.9	2
20	16QAM	50	24	19.43	19.48	19.48		
20	16QAM	50	50	19.41	19.49	19.48		
20	16QAM	100	0	19.40	19.47	19.45		
20	64QAM	1	0	19.41	19.47	19.43	20.9	2
20	64QAM	1	49	19.60	19.66	19.60		
20	64QAM	1	99	19.40	19.44	19.36		
20	64QAM	50	0	18.30	18.38	18.35	19.9	3
20	64QAM	50	24	18.36	18.43	18.38		
20	64QAM	50	50	18.36	18.46	18.45		
20	64QAM	100	0	18.33	18.41	18.39		
20	256QAM	1	0	16.27	16.36	16.34	17.9	5
20	256QAM	1	49	16.46	16.55	16.50		
20	256QAM	1	99	16.33	16.42	16.38		
20	256QAM	50	0	16.44	16.55	16.53	17.9	5
20	256QAM	50	24	16.50	16.58	16.53		
20	256QAM	50	50	16.51	16.61	16.58		
20	256QAM	100	0	16.53	16.61	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.37	21.40	21.37	22.9	0
15	QPSK	1	37	21.49	21.56	21.55		
15	QPSK	1	74	21.41	21.36	21.31		
15	QPSK	36	0	20.36	20.41	20.34	21.9	1
15	QPSK	36	20	20.41	20.48	20.45		
15	QPSK	36	39	20.41	20.47	20.36		
15	QPSK	75	0	20.38	20.47	20.38		
15	16QAM	1	0	20.29	20.37	20.34	21.9	1
15	16QAM	1	37	20.52	20.64	20.51		
15	16QAM	1	74	20.32	20.43	20.37		
15	16QAM	36	0	19.24	19.34	19.27	20.9	2
15	16QAM	36	20	19.41	19.41	19.47		
15	16QAM	36	39	19.35	19.39	19.44		
15	16QAM	75	0	19.32	19.37	19.37		
15	64QAM	1	0	19.32	19.42	19.34	20.9	2
15	64QAM	1	37	19.49	19.66	19.59		
15	64QAM	1	74	19.35	19.35	19.34		
15	64QAM	36	0	18.20	18.34	18.33	19.9	3
15	64QAM	36	20	18.31	18.37	18.37		
15	64QAM	36	39	18.34	18.36	18.37		
15	64QAM	75	0	18.22	18.37	18.30		
15	256QAM	1	0	16.21	16.34	16.23	17.9	5
15	256QAM	1	37	16.38	16.47	16.41		
15	256QAM	1	74	16.26	16.40	16.34		
15	256QAM	36	0	16.39	16.48	16.54	17.9	5
15	256QAM	36	20	16.49	16.50	16.49		
15	256QAM	36	39	16.46	16.55	16.46		
15	256QAM	75	0	16.47	16.60	16.52		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.41	21.42	21.36	22.9	0
10	QPSK	1	25	21.56	21.53	21.48		
10	QPSK	1	49	21.38	21.38	21.27		
10	QPSK	25	0	20.38	20.38	20.29	21.9	1
10	QPSK	25	12	20.45	20.43	20.38		
10	QPSK	25	25	20.41	20.38	20.35		
10	QPSK	50	0	20.39	20.48	20.39		
10	16QAM	1	0	20.28	20.45	20.37	21.9	1
10	16QAM	1	25	20.50	20.61	20.56		
10	16QAM	1	49	20.41	20.42	20.41		
10	16QAM	25	0	19.31	19.33	19.33	20.9	2
10	16QAM	25	12	19.39	19.40	19.43		
10	16QAM	25	25	19.30	19.46	19.41		
10	16QAM	50	0	19.41	19.45	19.37		
10	64QAM	1	0	19.35	19.39	19.36	20.9	2
10	64QAM	1	25	19.59	19.60	19.60		
10	64QAM	1	49	19.37	19.37	19.26		
10	64QAM	25	0	18.29	18.28	18.28	19.9	3
10	64QAM	25	12	18.31	18.38	18.36		
10	64QAM	25	25	18.29	18.44	18.45		
10	64QAM	50	0	18.32	18.39	18.35		
10	256QAM	1	0	16.21	16.31	16.32	17.9	5
10	256QAM	1	25	16.40	16.49	16.40		
10	256QAM	1	49	16.26	16.38	16.36		
10	256QAM	25	0	16.42	16.50	16.48	17.9	5
10	256QAM	25	12	16.43	16.48	16.50		
10	256QAM	25	25	16.48	16.62	16.56		
10	256QAM	50	0	16.44	16.60	16.48		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.40	21.40	21.33	22.9	0
5	QPSK	1	12	21.52	21.58	21.54		
5	QPSK	1	24	21.43	21.43	21.36		
5	QPSK	12	0	20.33	20.38	20.32	21.9	1
5	QPSK	12	7	20.47	20.44	20.41		
5	QPSK	12	13	20.43	20.40	20.37		
5	QPSK	25	0	20.37	20.42	20.39		
5	16QAM	1	0	20.33	20.38	20.35	21.9	1
5	16QAM	1	12	20.51	20.61	20.63		
5	16QAM	1	24	20.29	20.47	20.42		
5	16QAM	12	0	19.22	19.37	19.34	20.9	2
5	16QAM	12	7	19.38	19.48	19.44		
5	16QAM	12	13	19.34	19.49	19.45		
5	16QAM	25	0	19.31	19.46	19.45		
5	64QAM	1	0	19.37	19.40	19.34	20.9	2
5	64QAM	1	12	19.53	19.58	19.56		
5	64QAM	1	24	19.34	19.42	19.25		
5	64QAM	12	0	18.25	18.26	18.31	19.9	3
5	64QAM	12	7	18.29	18.43	18.38		
5	64QAM	12	13	18.28	18.42	18.36		
5	64QAM	25	0	18.24	18.34	18.33		
5	256QAM	1	0	16.21	16.24	16.27	17.9	5
5	256QAM	1	12	16.43	16.52	16.43		
5	256QAM	1	24	16.26	16.43	16.28		
5	256QAM	12	0	16.40	16.51	16.49	17.9	5
5	256QAM	12	7	16.47	16.53	16.52		
5	256QAM	12	13	16.46	16.51	16.58		
5	256QAM	25	0	16.53	16.54	16.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.96	15.11	15.11	16	0
20	QPSK	1	49	15.03	15.18	15.13		
20	QPSK	1	99	14.89	14.99	15.09		
20	QPSK	50	0	14.75	15.09	15.06	16	0
20	QPSK	50	24	14.89	15.11	15.10		
20	QPSK	50	50	14.74	15.04	15.02		
20	QPSK	100	0	14.83	15.03	14.98		
20	16QAM	1	0	14.84	15.05	15.02	16	0
20	16QAM	1	49	14.74	14.96	15.06		
20	16QAM	1	99	14.83	15.00	15.05		
20	16QAM	50	0	14.84	15.03	14.95	16	0
20	16QAM	50	24	14.76	15.05	14.95		
20	16QAM	50	50	14.80	15.10	15.07		
20	16QAM	100	0	14.79	15.03	15.09		
20	64QAM	1	0	14.87	15.06	14.97	16	0
20	64QAM	1	49	14.76	15.00	15.03		
20	64QAM	1	99	14.76	15.10	14.99		
20	64QAM	50	0	14.82	15.06	15.00	16	0
20	64QAM	50	24	14.74	14.96	15.04		
20	64QAM	50	50	14.75	15.00	14.97		
20	64QAM	100	0	14.78	14.97	14.97		
20	256QAM	1	0	14.75	15.07	14.99	16	0
20	256QAM	1	49	14.86	15.06	14.97		
20	256QAM	1	99	14.74	14.97	14.99		
20	256QAM	50	0	14.79	15.10	14.97	16	0
20	256QAM	50	24	14.78	14.98	15.04		
20	256QAM	50	50	14.76	15.08	15.08		
20	256QAM	100	0	14.85	15.04	15.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.82	15.07	15.10	16	0
15	QPSK	1	37	14.99	14.98	15.14		
15	QPSK	1	74	14.85	14.90	15.02		
15	QPSK	36	0	14.62	14.98	14.95	16	0
15	QPSK	36	20	14.79	14.98	14.99		
15	QPSK	36	39	14.60	15.01	15.01		
15	QPSK	75	0	14.73	14.88	14.86		
15	16QAM	1	0	14.70	14.97	14.97	16	0
15	16QAM	1	37	14.63	14.86	14.92		
15	16QAM	1	74	14.69	14.88	14.95		
15	16QAM	36	0	14.73	14.88	14.91	16	0
15	16QAM	36	20	14.66	14.96	14.84		
15	16QAM	36	39	14.77	14.98	14.95		
15	16QAM	75	0	14.67	14.95	15.01		
15	64QAM	1	0	14.80	14.91	14.92	16	0
15	64QAM	1	37	14.65	14.96	14.98		
15	64QAM	1	74	14.70	15.05	14.85		
15	64QAM	36	0	14.67	15.00	14.94	16	0
15	64QAM	36	20	14.62	14.87	14.95		
15	64QAM	36	39	14.70	14.89	14.92		
15	64QAM	75	0	14.70	14.89	14.91		
15	256QAM	1	0	14.66	15.02	14.91	16	0
15	256QAM	1	37	14.80	14.91	14.89		
15	256QAM	1	74	14.70	14.86	14.95		
15	256QAM	36	0	14.67	15.00	14.91	16	0
15	256QAM	36	20	14.67	14.90	14.96		
15	256QAM	36	39	14.75	14.96	14.98		
15	256QAM	75	0	14.77	14.97	14.94		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.87	15.02	14.97	16	0
10	QPSK	1	25	14.96	15.10	15.09		
10	QPSK	1	49	14.77	14.86	15.01		
10	QPSK	25	0	14.72	15.07	15.02	16	0
10	QPSK	25	12	14.79	14.98	15.05		
10	QPSK	25	25	14.69	14.96	14.92		
10	QPSK	50	0	14.78	15.01	14.95		
10	16QAM	1	0	14.75	15.02	14.91	16	0
10	16QAM	1	25	14.67	14.82	14.99		
10	16QAM	1	49	14.78	14.85	14.95		
10	16QAM	25	0	14.72	14.89	14.92	16	0
10	16QAM	25	12	14.66	15.00	14.92		
10	16QAM	25	25	14.69	15.04	15.01		
10	16QAM	50	0	14.65	14.88	14.95		
10	64QAM	1	0	14.80	15.05	14.96	16	0
10	64QAM	1	25	14.70	14.96	14.89		
10	64QAM	1	49	14.69	15.01	14.85		
10	64QAM	25	0	14.81	14.99	14.97	16	0
10	64QAM	25	12	14.60	14.89	14.98		
10	64QAM	25	25	14.68	14.95	14.85		
10	64QAM	50	0	14.69	14.91	14.90		
10	256QAM	1	0	14.72	14.98	14.91	16	0
10	256QAM	1	25	14.76	14.98	14.86		
10	256QAM	1	49	14.60	14.85	14.87		
10	256QAM	25	0	14.72	14.95	14.86	16	0
10	256QAM	25	12	14.70	14.95	14.91		
10	256QAM	25	25	14.66	14.94	14.99		
10	256QAM	50	0	14.79	15.02	14.95		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.89	15.09	15.08	16	0
5	QPSK	1	12	14.94	15.06	15.14		
5	QPSK	1	24	14.82	14.89	14.97		
5	QPSK	12	0	14.69	15.04	14.92	16	0
5	QPSK	12	7	14.77	15.02	14.95		
5	QPSK	12	13	14.71	14.98	15.01		
5	QPSK	25	0	14.69	14.93	14.93		
5	16QAM	1	0	14.70	15.02	14.87	16	0
5	16QAM	1	12	14.65	14.92	14.96		
5	16QAM	1	24	14.75	14.97	14.90		
5	16QAM	12	0	14.75	14.95	14.89	16	0
5	16QAM	12	7	14.65	15.01	14.93		
5	16QAM	12	13	14.73	15.02	15.05		
5	16QAM	25	0	14.64	14.93	15.06		
5	64QAM	1	0	14.84	14.98	14.89	16	0
5	64QAM	1	12	14.75	14.87	15.01		
5	64QAM	1	24	14.67	15.04	14.92		
5	64QAM	12	0	14.76	15.03	14.93	16	0
5	64QAM	12	7	14.63	14.85	14.95		
5	64QAM	12	13	14.74	14.92	14.84		
5	64QAM	25	0	14.66	14.92	14.89		
5	256QAM	1	0	14.60	15.04	14.93	16	0
5	256QAM	1	12	14.72	14.92	14.83		
5	256QAM	1	24	14.70	14.93	14.90		
5	256QAM	12	0	14.68	15.06	14.90	16	0
5	256QAM	12	7	14.71	14.95	14.91		
5	256QAM	12	13	14.71	15.05	15.07		
5	256QAM	25	0	14.75	15.01	15.01		

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BW [MHz]	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	23.62	23.31	23.61	24.5	0
10	QPSK	1	25	23.68	23.69	23.66		
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57	23.5	1
10	QPSK	25	12	22.68	22.71	22.62		
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81	23.5	1
10	16QAM	1	25	22.83	22.87	22.87		
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59	22.5	2
10	16QAM	25	12	21.66	21.65	21.65		
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65	22.5	2
10	64QAM	1	25	21.73	21.73	21.70		
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56	21.5	3
10	64QAM	25	12	20.61	20.62	20.62		
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.65	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98	19.5	5
10	256QAM	1	25	18.98	18.95	19.03		
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99	19.5	5
10	256QAM	25	12	19.02	19.02	19.05		
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51	24.5	0
5	QPSK	1	12	23.63	23.62	23.57		
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.56	22.54	23.5	1
5	QPSK	12	7	22.72	22.67	22.57		
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61		
5	16QAM	1	0	22.78	22.75	22.83	23.5	1
5	16QAM	1	12	22.85	22.85	22.92		
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59	22.5	2
5	16QAM	12	7	21.60	21.62	21.57		
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68	22.5	2
5	64QAM	1	12	21.65	21.53	21.64		
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56	21.5	3
5	64QAM	12	7	20.66	20.61	20.60		
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94	19.5	5
5	256QAM	1	12	19.01	18.98	18.93		
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99	19.5	5
5	256QAM	12	7	19.00	19.00	19.07		
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62	24.5	0
3	QPSK	1	8	23.64	23.66	23.68		
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57	23.5	1
3	QPSK	8	4	22.62	22.65	22.53		
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.73	22.82	22.76	23.5	1
3	16QAM	1	8	22.85	22.84	22.79		
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63	22.5	2
3	16QAM	8	4	21.58	21.70	21.55		
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64	22.5	2
3	64QAM	1	8	21.76	21.68	21.63		
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59	21.5	3
3	64QAM	8	4	20.55	20.62	20.60		
3	64QAM	8	7	20.64	20.52	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88	19.5	5
3	256QAM	1	8	18.99	18.89	19.08		
3	256QAM	1	14	18.98	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93	19.5	5
3	256QAM	8	4	18.95	18.93	18.96		
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.02	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52	24.5	0
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61		
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.72	22.47	23.5	1
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55		
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.66	21.47	21.67	22.5	2
1.4	64QAM	1	3	21.61	21.41	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60		
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80	19.5	5
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98		
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.96	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83	24.5	0
10	QPSK	1	25	23.90	23.95	23.91		
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78	23.5	1
10	QPSK	25	12	22.81	22.93	22.85		
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02	23.5	1
10	16QAM	1	25	23.02	23.06	23.04		
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88	22.5	2
10	16QAM	25	12	21.83	21.86	21.89		
10	16QAM	25	25	21.86	21.73	21.96		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98	22.5	2
10	64QAM	1	25	22.00	22.04	22.04		
10	64QAM	1	49	22.00	22.01	22.01		
10	64QAM	25	0	20.73	20.82	20.87	21.5	3
10	64QAM	25	12	20.82	20.85	20.84		
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27	19.5	5
10	256QAM	1	25	19.25	19.25	19.25		
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23	19.5	5
10	256QAM	25	12	19.28	19.20	19.27		
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84	24.5	0
5	QPSK	1	12	23.82	23.85	23.82		
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73	23.5	1
5	QPSK	12	7	22.77	22.98	22.87		
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85		
5	16QAM	1	0	22.80	22.88	23.02	23.5	1
5	16QAM	1	12	22.94	23.04	23.07		
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81	22.5	2
5	16QAM	12	7	21.82	21.80	21.80		
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96	22.5	2
5	64QAM	1	12	21.92	21.97	22.08		
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81	21.5	3
5	64QAM	12	7	20.87	20.79	20.79		
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.96		
5	256QAM	1	0	19.21	19.17	19.27	19.5	5
5	256QAM	1	12	19.17	19.26	19.30		
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26	19.5	5
5	256QAM	12	7	19.18	19.16	19.17		
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73	24.5	0
3	QPSK	1	8	23.86	23.87	23.94		
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.76	22.88	22.77	23.5	1
3	QPSK	8	4	22.81	22.96	22.82		
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.74	22.86	23.04	23.5	1
3	16QAM	1	8	23.02	23.02	22.99		
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83	22.5	2
3	16QAM	8	4	21.83	21.82	21.87		
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95	22.5	2
3	64QAM	1	8	22.02	22.04	22.03		
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82	21.5	3
3	64QAM	8	4	20.83	20.84	20.83		
3	64QAM	8	7	20.83	20.76	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20	19.5	5
3	256QAM	1	8	19.19	19.29	19.15		
3	256QAM	1	14	19.23	19.13	19.13		
3	256QAM	8	0	19.22	19.21	19.18	19.5	5
3	256QAM	8	4	19.32	19.10	19.20		
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	18.94	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83	24.5	0
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.68	23.88		
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.89	23.5	1
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94		
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.88	21.91	21.97	22.5	2
1.4	64QAM	1	3	21.82	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80		
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19	19.5	5
1.4	256QAM	1	3	19.18	19.18	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06		
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.02	24.05	24.01	25	0
15	QPSK	1	37	24.07	24.14	24.06		
15	QPSK	1	74	24.01	24.04	24.03		
15	QPSK	36	0	23.04	23.04	23.03	24	1
15	QPSK	36	20	23.06	23.08	23.07		
15	QPSK	36	39	23.05	23.04	23.01		
15	QPSK	75	0	22.97	23.14	23.11		
15	16QAM	1	0	22.75	23.04	22.96	24	1
15	16QAM	1	37	23.09	23.08	22.99		
15	16QAM	1	74	23.11	23.02	22.90		
15	16QAM	36	0	21.95	22.00	21.91	23	2
15	16QAM	36	20	21.99	22.02	21.96		
15	16QAM	36	39	22.00	21.97	21.89		
15	16QAM	75	0	22.00	22.03	21.94		
15	64QAM	1	0	21.92	21.95	21.98	23	2
15	64QAM	1	37	21.95	21.99	21.91		
15	64QAM	1	74	21.98	21.94	21.83		
15	64QAM	36	0	20.91	20.98	20.93	22	3
15	64QAM	36	20	20.98	21.03	20.98		
15	64QAM	36	39	20.98	20.95	20.94		
15	64QAM	75	0	21.01	21.02	21.01		
15	256QAM	1	0	18.76	18.82	18.81	20	5
15	256QAM	1	37	18.86	18.85	18.83		
15	256QAM	1	74	18.86	18.80	18.75		
15	256QAM	36	0	18.86	18.91	18.87	20	5
15	256QAM	36	20	18.91	18.96	18.93		
15	256QAM	36	39	18.82	18.91	18.90		
15	256QAM	75	0	18.85	18.99	18.94		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.84	23.87	23.85	25	0
10	QPSK	1	25	23.98	23.97	23.96		
10	QPSK	1	49	23.98	23.83	23.89		
10	QPSK	25	0	22.91	22.88	22.87	24	1
10	QPSK	25	12	22.91	22.94	22.94		
10	QPSK	25	25	22.96	22.90	22.87		
10	QPSK	50	0	23.00	23.01	22.97		
10	16QAM	1	0	22.70	22.98	22.92	24	1
10	16QAM	1	25	23.02	23.03	22.91		
10	16QAM	1	49	23.03	23.00	22.80		
10	16QAM	25	0	21.87	21.96	21.87	23	2
10	16QAM	25	12	21.95	21.90	21.90		
10	16QAM	25	25	22.01	21.91	21.83		
10	16QAM	50	0	21.89	21.96	21.86		
10	64QAM	1	0	21.85	21.91	21.85	23	2
10	64QAM	1	25	21.90	21.94	21.83		
10	64QAM	1	49	21.86	21.91	21.78		
10	64QAM	25	0	20.91	20.94	20.92	22	3
10	64QAM	25	12	20.92	21.01	20.92		
10	64QAM	25	25	20.89	20.94	20.84		
10	64QAM	50	0	20.92	20.98	20.90		
10	256QAM	1	0	18.73	18.80	18.76	20	5
10	256QAM	1	25	18.81	18.75	18.79		
10	256QAM	1	49	18.77	18.80	18.73		
10	256QAM	25	0	18.81	18.86	18.84	20	5
10	256QAM	25	12	18.89	18.95	18.88		
10	256QAM	25	25	18.79	18.81	18.83		
10	256QAM	50	0	18.86	18.96	18.82		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.81	23.89	23.89	25	0
5	QPSK	1	12	23.99	23.96	23.90		
5	QPSK	1	24	23.94	23.84	23.88		
5	QPSK	12	0	22.94	22.94	22.86	24	1
5	QPSK	12	7	22.94	22.86	22.90		
5	QPSK	12	13	22.91	22.91	22.86		
5	QPSK	25	0	22.90	22.99	22.95		
5	16QAM	1	0	22.89	23.01	22.93	24	1
5	16QAM	1	12	23.04	23.06	22.92		
5	16QAM	1	24	23.08	22.94	22.85		
5	16QAM	12	0	21.80	21.91	21.87	23	2
5	16QAM	12	7	21.89	21.98	21.88		
5	16QAM	12	13	21.94	21.95	21.84		
5	16QAM	25	0	21.87	21.98	21.87		
5	64QAM	1	0	21.89	21.92	21.80	23	2
5	64QAM	1	12	21.83	21.97	21.84		
5	64QAM	1	24	21.91	21.91	21.71		
5	64QAM	12	0	20.90	20.92	20.90	22	3
5	64QAM	12	7	20.92	20.94	20.97		
5	64QAM	12	13	20.95	20.89	20.87		
5	64QAM	25	0	20.94	20.95	20.97		
5	256QAM	1	0	18.75	18.70	18.80	20	5
5	256QAM	1	12	18.79	18.77	18.73		
5	256QAM	1	24	18.77	18.70	18.84		
5	256QAM	12	0	18.87	18.89	18.82	20	5
5	256QAM	12	7	18.81	18.86	18.91		
5	256QAM	12	13	18.77	18.81	18.86		
5	256QAM	25	0	18.90	18.94	18.86		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.90	23.91	23.87	25	0
3	QPSK	1	8	23.96	23.91	23.93		
3	QPSK	1	14	23.95	23.85	23.88		
3	QPSK	8	0	22.80	22.88	22.87	24	1
3	QPSK	8	4	22.93	22.96	22.95		
3	QPSK	8	7	22.93	22.93	22.89		
3	QPSK	15	0	22.90	22.95	22.93		
3	16QAM	1	0	22.99	22.99	22.95	24	1
3	16QAM	1	8	23.03	23.02	22.90		
3	16QAM	1	14	23.05	23.01	22.81		
3	16QAM	8	0	21.96	21.99	21.97	23	2
3	16QAM	8	4	21.90	21.97	21.91		
3	16QAM	8	7	21.94	21.88	21.85		
3	16QAM	15	0	22.01	22.02	21.87		
3	64QAM	1	0	21.88	21.92	21.86	23	2
3	64QAM	1	8	21.92	21.97	21.88		
3	64QAM	1	14	21.94	21.91	21.80		
3	64QAM	8	0	20.90	20.92	20.84	22	3
3	64QAM	8	4	20.88	20.97	20.94		
3	64QAM	8	7	20.89	20.89	20.88		
3	64QAM	15	0	21.00	21.00	20.98		
3	256QAM	1	0	18.73	18.77	18.72	20	5
3	256QAM	1	8	18.78	18.76	18.81		
3	256QAM	1	14	18.81	18.73	18.75		
3	256QAM	8	0	18.82	18.86	18.76	20	5
3	256QAM	8	4	18.83	18.89	18.85		
3	256QAM	8	7	18.75	18.88	18.81		
3	256QAM	15	0	18.87	18.99	18.86		
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	23.90	23.86	25	0
1.4	QPSK	1	3	24.01	23.89	23.86		
1.4	QPSK	1	5	23.97	23.85	23.84		
1.4	QPSK	3	0	23.84	23.87	23.78		
1.4	QPSK	3	1	23.96	23.85	23.77		
1.4	QPSK	3	3	23.93	23.80	23.79		
1.4	QPSK	6	0	22.84	22.95	22.89	24	1
1.4	16QAM	1	0	22.70	23.02	22.88	24	1
1.4	16QAM	1	3	22.99	22.97	22.97		
1.4	16QAM	1	5	23.10	22.95	22.84		
1.4	16QAM	3	0	22.64	22.98	22.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.50	21.61	21.58	22.3	0
20	QPSK	1	49	21.60	21.70	21.68		
20	QPSK	1	99	21.46	21.56	21.54		
20	QPSK	50	0	20.51	20.62	20.60	21.3	1
20	QPSK	50	24	20.52	20.70	20.67		
20	QPSK	50	50	20.61	20.67	20.65		
20	QPSK	100	0	20.63	20.66	20.62		
20	16QAM	1	0	20.69	20.70	20.68		
20	16QAM	1	49	20.80	20.83	20.81	21.3	1
20	16QAM	1	99	20.71	20.73	20.71		
20	16QAM	50	0	19.59	19.63	19.58		
20	16QAM	50	24	19.63	19.66	19.59	20.3	2
20	16QAM	50	50	19.64	19.68	19.62		
20	16QAM	100	0	19.60	19.65	19.62		
20	64QAM	1	0	19.65	19.71	19.69		
20	64QAM	1	49	19.63	19.70	19.67	20.3	2
20	64QAM	1	99	19.58	19.68	19.62		
20	64QAM	50	0	18.63	18.63	18.60		
20	64QAM	50	24	18.60	18.70	18.65	19.3	3
20	64QAM	50	50	18.59	18.66	18.62		
20	64QAM	100	0	18.58	18.65	18.61		
20	256QAM	1	0	16.38	16.47	16.44		
20	256QAM	1	49	16.48	16.56	16.55	17.3	5
20	256QAM	1	99	16.40	16.48	16.43		
20	256QAM	50	0	16.51	16.61	16.58		
20	256QAM	50	24	16.55	16.63	16.62	17.3	5
20	256QAM	50	50	16.51	16.61	16.56		
20	256QAM	100	0	16.50	16.58	16.56		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.41	21.56	21.50	22.3	0
15	QPSK	1	37	21.51	21.67	21.68		
15	QPSK	1	74	21.39	21.48	21.51		
15	QPSK	36	0	20.47	20.55	20.49	21.3	1
15	QPSK	36	20	20.52	20.64	20.65		
15	QPSK	36	39	20.54	20.60	20.61		
15	QPSK	75	0	20.60	20.60	20.57		
15	16QAM	1	0	20.68	20.68	20.60		
15	16QAM	1	37	20.70	20.73	20.78	21.3	1
15	16QAM	1	74	20.63	20.65	20.63		
15	16QAM	36	0	19.57	19.53	19.56		
15	16QAM	36	20	19.61	19.66	19.60	20.3	2
15	16QAM	36	39	19.55	19.62	19.58		
15	16QAM	75	0	19.58	19.62	19.50		
15	64QAM	1	0	19.54	19.66	19.58		
15	64QAM	1	37	19.58	19.63	19.65	20.3	2
15	64QAM	1	74	19.56	19.61	19.57		
15	64QAM	36	0	18.52	18.57	18.51		
15	64QAM	36	20	18.52	18.65	18.60	19.3	3
15	64QAM	36	39	18.56	18.62	18.55		
15	64QAM	75	0	18.51	18.53	18.51		
15	256QAM	1	0	16.36	16.40	16.37		
15	256QAM	1	37	16.40	16.48	16.46	17.3	5
15	256QAM	1	74	16.36	16.42	16.42		
15	256QAM	36	0	16.47	16.54	16.58		
15	256QAM	36	20	16.49	16.58	16.54	17.3	5
15	256QAM	36	39	16.46	16.51	16.49		
15	256QAM	75	0	16.44	16.50	16.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.40	21.55	21.53	22.3	0
10	QPSK	1	25	21.52	21.64	21.65		
10	QPSK	1	49	21.39	21.56	21.51		
10	QPSK	25	0	20.46	20.52	20.58	21.3	1
10	QPSK	25	12	20.60	20.69	20.57		
10	QPSK	25	25	20.56	20.68	20.64		
10	QPSK	50	0	20.53	20.56	20.61		
10	16QAM	1	0	20.63	20.69	20.63		
10	16QAM	1	25	20.77	20.76	20.75	21.3	1
10	16QAM	1	49	20.65	20.70	20.68		
10	16QAM	25	0	19.54	19.58	19.53		
10	16QAM	25	12	19.64	19.60	19.58	20.3	2
10	16QAM	25	25	19.62	19.58	19.61		
10	16QAM	50	0	19.53	19.55	19.57		
10	64QAM	1	0	19.63	19.61	19.59		
10	64QAM	1	25	19.55	19.60	19.66	20.3	2
10	64QAM	1	49	19.55	19.60	19.50		
10	64QAM	25	0	18.46	18.58	18.57		
10	64QAM	25	12	18.49	18.71	18.60	19.3	3
10	64QAM	25	25	18.51	18.61	18.59		
10	64QAM	50	0	18.55	18.57	18.59		
10	256QAM	1	0	16.33	16.35	16.37		
10	256QAM	1	25	16.44	16.48	16.45	17.3	5
10	256QAM	1	49	16.37	16.45	16.35		
10	256QAM	25	0	16.47	16.51	16.52		
10	256QAM	25	12	16.52	16.57	16.61	17.3	5
10	256QAM	25	25	16.48	16.60	16.52		
10	256QAM	50	0	16.47	16.52	16.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.46	21.59	21.48	22.3	0
5	QPSK	1	12	21.54	21.64	21.61		
5	QPSK	1	24	21.45	21.53	21.42		
5	QPSK	12	0	20.41	20.57	20.53	21.3	1
5	QPSK	12	7	20.56	20.61	20.67		
5	QPSK	12	13	20.55	20.57	20.61		
5	QPSK	25	0	20.59	20.60	20.56		
5	16QAM	1	0	20.67	20.75	20.62		
5	16QAM	1	12	20.75	20.74	20.76	21.3	1
5	16QAM	1	24	20.59	20.67	20.66		
5	16QAM	12	0	19.52	19.56	19.58		
5	16QAM	12	7	19.59	19.55	19.55	20.3	2
5	16QAM	12	13	19.52	19.67	19.56		
5	16QAM	25	0	19.54	19.61	19.55		
5	64QAM	1	0	19.57	19.65	19.66		
5	64QAM	1	12	19.55	19.60	19.60	20.3	2
5	64QAM	1	24	19.59	19.61	19.54		
5	64QAM	12	0	18.42	18.53	18.59		
5	64QAM	12	7	18.52	18.61	18.61	19.3	3
5	64QAM	12	13	18.60	18.63	18.59		
5	64QAM	25	0	18.51	18.60	18.55		
5	256QAM	1	0	16.38	16.38	16.41		
5	256QAM	1	12	16.45	16.51	16.49	17.3	5
5	256QAM	1	24	16.38	16.45	16.41		
5	256QAM	12	0	16.41	16.51	16.52		
5	256QAM	12	7	16.56	16.61	16.62	17.3	5
5	256QAM	12	13	16.49	16.51	16.45		
5	256QAM	25	0	16.46	16.46	16.52		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.44	21.60	21.52	22.3	0
3	QPSK	1	8	21.49	21.68	21.62		
3	QPSK	1	14	21.38	21.54	21.49		
3	QPSK	8	0	20.47	20.59	20.53	21.3	1
3	QPSK	8	4	20.56	20.70	20.56		
3	QPSK	8	7	20.58	20.56	20.60		
3	QPSK	15	0	20.58	20.59	20.51		
3	16QAM	1	0	20.64	20.63	20.65		
3	16QAM	1	8	20.75	20.78	20.75	21.3	1
3	16QAM	1	14	20.66	20.68	20.62		
3	16QAM	8	0	19.58	19.55	19.55		
3	16QAM	8	4	19.59	19.62	19.49	20.3	2
3	16QAM	8	7	19.56	19.63	19.50		
3	16QAM	15	0	19.53	19.57	19.55		
3	64QAM	1	0	19.63	19.61	19.65		
3	64QAM	1	8	19.53	19.64	19.66	20.3	2
3	64QAM	1	14	19.56	19.62	19.53		
3	64QAM	8	0	18.47	18.58	18.55		
3	64QAM	8	4	18.55	18.67	18.61	19.3	3
3	64QAM	8	7	18.51	18.58	18.55		
3	64QAM	15	0	18.52	18.60	18.51		
3	256QAM	1	0	16.38	16.40	16.42		
3	256QAM	1	8	16.47	16.51	16.49	17.3	5
3	256QAM	1	14	16.39	16.45	16.39		
3	256QAM	8	0	16.47	16.54	16.58		
3	256QAM	8	4	16.48	16.57	16.57	17.3	5
3	256QAM	8	7	16.45	16.58	16.54		
3	256QAM	15	0	16.41	16.52	16.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.47	21.56	21.53	22.3	0
1.4	QPSK	1	3	21.56	21.62	21.62		
1.4	QPSK	1	5	21.35	21.48	21.48		
1.4	QPSK	3	0	21.44	21.55	21.45		
1.4	QPSK	3	1	21.53	21.59	21.51		
1.4	QPSK	3	3	21.33	21.52	21.37		
1.4	QPSK	6	0	20.57	20.63	20.51	21.3	1
1.4	16QAM	1	0	20.68	20.70	20.61	21.3	1
1.4	16QAM	1	3	20.78	20.76	20.71		
1.4	16QAM	1	5	20.68	20.70	20.63		
1.4	16QAM	3	0	20.61	20.67	20.53		
1.4	16QAM	3	1	20.78	20.72	20.64		
1.4	16QAM	3	3	20.62	20.61	20.52		
1.4	16QAM	6	0	19.56	19.64	19.58	20.3	2
1.4	64QAM	1	0	19.67	19.62	19.64	20.3	2
1.4	64QAM	1	3	19.53	19.58	19.55		
1.4	64QAM	1	5	19.57	19.66	19.55		
1.4	64QAM	3	0	19.47	19.56	19.50		
1.4	64QAM	3	1	19.49	19.47	19.51		
1.4	64QAM	3	3	19.49	19.62	19.44		
1.4	64QAM	6	0	18.53	18.59	18.56	19.3	3
1.4	256QAM	1	0	16.33	16.47	16.38	17.3	5
1.4	256QAM	1	3	16.38	16.48	16.50		
1.4	256QAM	1	5	16.35	16.38	16.34		
1.4	256QAM	3	0	16.47	16.50	16.59		
1.4	256QAM	3	1	16.55	16.57	16.51		
1.4	256QAM	3	3	16.50	16.55	16.53		
1.4	256QAM	6	0	16.44	16.56	16.55	17.3	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	14.95	15.35	15.13	16.8	0
20	QPSK	1	49	15.09	15.37	15.26		
20	QPSK	1	99	15.03	15.36	15.11		
20	QPSK	50	0	14.94	15.17	14.98	16.8	0
20	QPSK	50	24	15.04	15.22	15.12		
20	QPSK	50	50	14.90	15.14	15.00		
20	QPSK	100	0	14.94	15.21	15.05		
20	16QAM	1	0	14.93	15.13	15.07	16.8	0
20	16QAM	1	49	14.97	15.17	15.04		
20	16QAM	1	99	14.95	15.21	15.06		
20	16QAM	50	0	14.93	15.07	14.97	16.8	0
20	16QAM	50	24	14.92	15.19	15.11		
20	16QAM	50	50	15.00	15.18	15.09		
20	16QAM	100	0	14.94	15.10	14.98		
20	64QAM	1	0	14.94	15.12	15.02	16.8	0
20	64QAM	1	49	14.91	15.09	14.97		
20	64QAM	1	99	14.95	15.07	15.04		
20	64QAM	50	0	14.97	15.14	15.11	16.8	0
20	64QAM	50	24	14.95	15.18	15.08		
20	64QAM	50	50	14.90	15.15	15.09		
20	64QAM	100	0	14.97	15.12	15.07		
20	256QAM	1	0	14.95	15.09	15.09	16.8	0
20	256QAM	1	49	14.95	15.07	15.06		
20	256QAM	1	99	14.95	15.17	15.11		
20	256QAM	50	0	14.96	15.16	15.01	16.8	0
20	256QAM	50	24	14.91	15.20	15.06		
20	256QAM	50	50	14.89	15.12	14.98		
20	256QAM	100	0	14.97	15.10	15.09		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.85	15.24	15.01	16.8	0
15	QPSK	1	37	15.02	15.26	15.17		
15	QPSK	1	74	14.96	15.27	14.96		
15	QPSK	36	0	14.96	15.10	14.83	16.8	0
15	QPSK	36	20	15.00	15.15	15.02		
15	QPSK	36	39	14.80	15.13	14.95		
15	QPSK	75	0	14.82	15.14	15.01		
15	16QAM	1	0	14.86	15.08	14.98	16.8	0
15	16QAM	1	37	14.88	15.10	14.91		
15	16QAM	1	74	14.90	15.14	14.99		
15	16QAM	36	0	14.80	15.01	14.90		
15	16QAM	36	20	14.96	15.06	15.06	16.8	0
15	16QAM	36	39	14.98	15.08	15.00		
15	16QAM	75	0	14.86	15.06	14.96		
15	64QAM	1	0	14.89	15.04	14.92	16.8	0
15	64QAM	1	37	14.88	15.04	14.86		
15	64QAM	1	74	14.94	14.97	14.93		
15	64QAM	36	0	14.96	15.08	15.03	16.8	0
15	64QAM	36	20	14.90	15.09	14.95		
15	64QAM	36	39	14.89	15.03	15.04		
15	64QAM	75	0	14.85	15.09	14.92		
15	256QAM	1	0	14.91	14.97	15.03	16.8	0
15	256QAM	1	37	14.94	15.02	15.04		
15	256QAM	1	74	14.89	15.12	15.01		
15	256QAM	36	0	14.90	14.88	14.88	16.8	0
15	256QAM	36	20	14.85	15.14	15.02		
15	256QAM	36	39	14.83	14.97	14.93		
15	256QAM	75	0	14.92	15.09	14.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.92	15.34	15.00	16.8	0
10	QPSK	1	25	15.06	15.28	15.20		
10	QPSK	1	49	15.02	15.23	15.08		
10	QPSK	25	0	14.85	15.07	14.86	16.8	0
10	QPSK	25	12	14.93	15.07	15.08		
10	QPSK	25	25	14.87	15.10	14.88		
10	QPSK	50	0	14.89	15.19	14.94		
10	16QAM	1	0	14.89	15.01	15.06	16.8	0
10	16QAM	1	25	14.92	15.07	14.91		
10	16QAM	1	49	14.90	15.09	15.00		
10	16QAM	25	0	14.88	14.95	14.83	16.8	0
10	16QAM	25	12	14.91	15.06	15.01		
10	16QAM	25	25	14.95	15.13	15.01		
10	16QAM	50	0	14.90	15.09	14.86		
10	64QAM	1	0	14.92	15.02	14.89	16.8	0
10	64QAM	1	25	14.90	14.98	14.85		
10	64QAM	1	49	14.88	14.94	14.99		
10	64QAM	25	0	14.90	15.04	15.04	16.8	0
10	64QAM	25	12	14.86	15.05	15.05		
10	64QAM	25	25	14.84	15.07	15.08		
10	64QAM	50	0	14.96	15.01	15.00		
10	256QAM	1	0	14.80	14.97	15.02	16.8	0
10	256QAM	1	25	14.87	14.93	15.00		
10	256QAM	1	49	14.87	15.13	15.06		
10	256QAM	25	0	14.94	15.00	14.97	16.8	0
10	256QAM	25	12	14.88	15.17	14.97		
10	256QAM	25	25	14.81	15.06	14.88		
10	256QAM	50	0	14.92	15.09	14.97		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.90	15.30	15.09	16.8	0
5	QPSK	1	12	14.98	15.26	15.13		
5	QPSK	1	24	15.02	15.26	15.07		
5	QPSK	12	0	14.85	15.16	14.89	16.8	0
5	QPSK	12	7	14.92	15.11	15.10		
5	QPSK	12	13	14.86	15.06	14.89		
5	QPSK	25	0	14.84	15.16	14.91		
5	16QAM	1	0	14.83	15.19	14.92	16.8	0
5	16QAM	1	12	14.95	15.10	14.98		
5	16QAM	1	24	14.80	15.19	14.93		
5	16QAM	12	0	14.85	14.98	14.84	16.8	0
5	16QAM	12	7	14.87	15.10	15.10		
5	16QAM	12	13	14.87	15.05	15.05		
5	16QAM	25	0	14.85	14.97	14.96		
5	64QAM	1	0	14.89	15.08	14.88	16.8	0
5	64QAM	1	12	14.80	15.04	14.84		
5	64QAM	1	24	14.92	15.02	14.94		
5	64QAM	12	0	14.85	15.05	15.10	16.8	0
5	64QAM	12	7	14.88	15.11	15.01		
5	64QAM	12	13	14.86	15.04	14.99		
5	64QAM	25	0	14.89	15.05	14.99		
5	256QAM	1	0	14.88	14.95	14.97	16.8	0
5	256QAM	1	12	14.94	14.96	14.95		
5	256QAM	1	24	14.83	15.05	14.98		
5	256QAM	12	0	14.82	14.94	14.97	16.8	0
5	256QAM	12	7	14.89	15.05	14.95		
5	256QAM	12	13	14.83	15.08	14.83		
5	256QAM	25	0	14.84	14.99	15.07		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.93	15.33	15.03	16.8	0
3	QPSK	1	8	15.02	15.30	15.22		
3	QPSK	1	14	14.94	15.30	15.04		
3	QPSK	8	0	14.88	15.03	14.93	16.8	0
3	QPSK	8	4	15.00	15.10	15.00		
3	QPSK	8	7	14.87	15.06	14.95		
3	QPSK	15	0	14.86	15.20	15.04		
3	16QAM	1	0	14.88	15.08	15.02	16.8	0
3	16QAM	1	8	14.90	15.14	14.92		
3	16QAM	1	14	14.81	15.13	14.91		
3	16QAM	8	0	14.87	15.03	14.87	16.8	0
3	16QAM	8	4	14.82	15.07	15.03		
3	16QAM	8	7	14.92	15.16	14.95		
3	16QAM	15	0	14.86	15.06	14.85		
3	64QAM	1	0	14.92	15.03	14.94	16.8	0
3	64QAM	1	8	14.85	15.01	14.87		
3	64QAM	1	14	14.80	14.98	15.00		
3	64QAM	8	0	14.93	15.04	14.97	16.8	0
3	64QAM	8	4	14.84	15.03	15.01		
3	64QAM	8	7	14.84	15.00	15.05		
3	64QAM	15	0	14.86	14.97	15.00		
3	256QAM	1	0	14.81	15.00	15.02	16.8	0
3	256QAM	1	8	14.92	14.92	15.04		
3	256QAM	1	14	14.86	14.97	15.06		
3	256QAM	8	0	14.90	15.04	14.98	16.8	0
3	256QAM	8	4	14.86	15.06	15.05		
3	256QAM	8	7	14.87	15.04	14.94		
3	256QAM	15	0	14.92	15.04	14.92	16.8	0
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.88	15.21	15.05	16.8	0
1.4	QPSK	1	3	15.07	15.27	15.13		
1.4	QPSK	1	5	14.98	15.32	14.96		
1.4	QPSK	3	0	14.90	15.12	14.86	16.8	0
1.4	QPSK	3	1	14.95	15.15	14.98		
1.4	QPSK	3	3	14.83	15.05	14.91		
1.4	QPSK	6	0	14.96	15.07	14.90	16.8	0
1.4	16QAM	1	0	14.91	15.04	14.94	16.8	0
1.4	16QAM	1	3	14.86	15.17	14.92		
1.4	16QAM	1	5	14.86	15.15	14.91		
1.4	16QAM	3	0	14.90	15.00	14.91		
1.4	16QAM	3	1	14.80	15.09	15.00		
1.4	16QAM	3	3	14.86	15.06	14.94		
1.4	16QAM	6	0	14.91	15.09	14.92	16.8	0
1.4	64QAM	1	0	14.87	15.01	15.04	16.8	0
1.4	64QAM	1	3	14.86	15.06	14.87		
1.4	64QAM	1	5	14.86	14.95	14.92		
1.4	64QAM	3	0	14.92	15.10	14.97		
1.4	64QAM	3	1	14.80	15.06	14.98		
1.4	64QAM	3	3	14.87	15.14	14.98		
1.4	64QAM	6	0	14.86	15.05	14.95	16.8	0
1.4	256QAM	1	0	14.91	15.01	15.08	16.8	0
1.4	256QAM	1	3	14.84	14.96	14.95		
1.4	256QAM	1	5	14.80	15.06	14.99		
1.4	256QAM	3	0	14.85	14.96	15.00		
1.4	256QAM	3	1	14.88	15.06	14.97		
1.4	256QAM	3	3	14.88	15.00	14.88		
1.4	256QAM	6	0	14.96	15.04	15.00	16.8	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	21.31	21.40	21.41	22.9	0
20	QPSK	1	49	21.43	21.50	21.48		
20	QPSK	1	99	21.37	21.43	21.44		
20	QPSK	50	0	20.42	20.48	20.47	21.9	1
20	QPSK	50	24	20.47	20.53	20.49		
20	QPSK	50	50	20.46	20.51	20.48		
20	QPSK	100	0	20.42	20.48	20.45		
20	16QAM	1	0	20.45	20.52	20.50	21.9	1
20	16QAM	1	49	20.47	20.53	20.53		
20

Band 38 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.28	21.32	21.24	22.3	0
20	QPSK	1	49	21.36	21.38	21.31		
20	QPSK	1	99	21.23	21.24	21.15		
20	QPSK	50	0	20.30	20.33	20.26	21.3	1
20	QPSK	50	24	20.31	20.36	20.27		
20	QPSK	50	50	20.22	20.28	20.17		
20	QPSK	100	0	20.26	20.31	20.18		
20	16QAM	1	0	20.23	20.30	20.19	21.3	1
20	16QAM	1	49	20.34	20.42	20.32		
20	16QAM	1	99	20.23	20.29	20.22		
20	16QAM	50	0	19.23	19.28	19.19	20.3	2
20	16QAM	50	24	19.24	19.30	19.24		
20	16QAM	50	50	19.19	19.25	19.20		
20	16QAM	100	0	19.22	19.28	19.26		
20	64QAM	1	0	19.21	19.26	19.26	20.3	2
20	64QAM	1	49	19.27	19.35	19.38		
20	64QAM	1	99	19.08	19.18	19.19		
20	64QAM	50	0	18.16	18.24	18.23	19.3	3
20	64QAM	50	24	18.21	18.28	18.27		
20	64QAM	50	50	18.14	18.23	18.21		
20	64QAM	100	0	18.16	18.23	18.22		
20	256QAM	1	0	16.15	16.23	16.19	17.3	5
20	256QAM	1	49	16.28	16.35	16.32		
20	256QAM	1	99	16.15	16.23	16.21		
20	256QAM	50	0	16.25	16.35	16.34	17.3	5
20	256QAM	50	24	16.34	16.45	16.42		
20	256QAM	50	50	16.33	16.41	16.36		
20	256QAM	100	0	16.30	16.37	16.36		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.28	21.31	21.19	22.3	0
15	QPSK	1	37	21.34	21.31	21.21		
15	QPSK	1	74	21.15	21.15	21.10		
15	QPSK	36	0	20.24	20.29	20.17	21.3	1
15	QPSK	36	20	20.29	20.26	20.22		
15	QPSK	36	39	20.16	20.24	20.17		
15	QPSK	75	0	20.20	20.26	20.13		
15	16QAM	1	0	20.21	20.21	20.17	21.3	1
15	16QAM	1	37	20.31	20.34	20.27		
15	16QAM	1	74	20.12	20.21	20.19		
15	16QAM	36	0	19.21	19.27	19.20	20.3	2
15	16QAM	36	20	19.17	19.27	19.17		
15	16QAM	36	39	19.15	19.16	19.16		
15	16QAM	75	0	19.18	19.17	19.17		
15	64QAM	1	0	19.09	19.18	19.21	20.3	2
15	64QAM	1	37	19.19	19.28	19.27		
15	64QAM	1	74	19.01	19.15	19.11		
15	64QAM	36	0	18.13	18.12	18.22	19.3	3
15	64QAM	36	20	18.12	18.21	18.20		
15	64QAM	36	39	18.07	18.22	18.15		
15	64QAM	75	0	18.14	18.18	18.20		
15	256QAM	1	0	16.13	16.17	16.19	17.3	5
15	256QAM	1	37	16.26	16.36	16.32		
15	256QAM	1	74	16.06	16.20	16.16		
15	256QAM	36	0	16.26	16.32	16.34	17.3	5
15	256QAM	36	20	16.29	16.41	16.37		
15	256QAM	36	39	16.29	16.39	16.35		
15	256QAM	75	0	16.25	16.32	16.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.20	21.27	21.12	22.3	0
10	QPSK	1	25	21.31	21.32	21.27		
10	QPSK	1	49	21.13	21.18	21.05		
10	QPSK	25	0	20.24	20.30	20.22	21.3	1
10	QPSK	25	12	20.31	20.34	20.28		
10	QPSK	25	25	20.15	20.26	20.09		
10	QPSK	50	0	20.23	20.31	20.13		
10	16QAM	1	0	20.19	20.24	20.10	21.3	1
10	16QAM	1	25	20.26	20.39	20.27		
10	16QAM	1	49	20.21	20.25	20.14		
10	16QAM	25	0	19.16	19.26	19.10	20.3	2
10	16QAM	25	12	19.16	19.25	19.22		
10	16QAM	25	25	19.10	19.22	19.21		
10	16QAM	50	0	19.13	19.23	19.16		
10	64QAM	1	0	19.18	19.18	19.21	20.3	2
10	64QAM	1	25	19.24	19.30	19.29		
10	64QAM	1	49	19.06	19.16	19.14		
10	64QAM	25	0	18.14	18.18	18.23	19.3	3
10	64QAM	25	12	18.14	18.21	18.16		
10	64QAM	25	25	18.04	18.17	18.18		
10	64QAM	50	0	18.08	18.20	18.20		
10	256QAM	1	0	16.07	16.22	16.14	17.3	5
10	256QAM	1	25	16.18	16.34	16.25		
10	256QAM	1	49	16.09	16.15	16.16		
10	256QAM	25	0	16.14	16.27	16.23	17.3	5
10	256QAM	25	12	16.23	16.44	16.30		
10	256QAM	25	25	16.28	16.35	16.29		
10	256QAM	50	0	16.22	16.29	16.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.25	21.24	21.14	22.3	0
5	QPSK	1	12	21.25	21.36	21.29		
5	QPSK	1	24	21.16	21.13	21.12		
5	QPSK	12	0	20.27	20.32	20.19	21.3	1
5	QPSK	12	7	20.24	20.32	20.17		
5	QPSK	12	13	20.22	20.19	20.16		
5	QPSK	25	0	20.17	20.27	20.11		
5	16QAM	1	0	20.15	20.25	20.15	21.3	1
5	16QAM	1	12	20.26	20.36	20.27		
5	16QAM	1	24	20.16	20.27	20.19		
5	16QAM	12	0	19.20	19.25	19.19	20.3	2
5	16QAM	12	7	19.17	19.18	19.19		
5	16QAM	12	13	19.07	19.22	19.18		
5	16QAM	25	0	19.18	19.19	19.17		
5	64QAM	1	0	19.13	19.18	19.14	20.3	2
5	64QAM	1	12	19.23	19.36	19.32		
5	64QAM	1	24	19.03	19.13	19.18		
5	64QAM	12	0	18.13	18.14	18.20	19.3	3
5	64QAM	12	7	18.11	18.22	18.17		
5	64QAM	12	13	18.04	18.18	18.18		
5	64QAM	25	0	18.06	18.16	18.16		
5	256QAM	1	0	16.07	16.18	16.09	17.3	5
5	256QAM	1	12	16.23	16.30	16.30		
5	256QAM	1	24	16.15	16.17	16.18		
5	256QAM	12	0	16.23	16.32	16.27	17.3	5
5	256QAM	12	7	16.32	16.37	16.34		
5	256QAM	12	13	16.32	16.35	16.30		
5	256QAM	25	0	16.30	16.32	16.31		

Band 38 Other PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.77	16.73	16.77	18	0
20	QPSK	1	49	16.83	16.87	16.81		
20	QPSK	1	99	16.76	16.77	16.77		
20	QPSK	50	0	16.65	16.81	16.68	18	0
20	QPSK	50	24	16.70	16.85	16.72		
20	QPSK	50	50	16.66	16.73	16.60		
20	QPSK	100	0	16.60	16.76	16.61		
20	16QAM	1	0	16.56	16.73	16.64	18	0
20	16QAM	1	49	16.66	16.76	16.60		
20	16QAM	1	99	16.67	16.73	16.66		
20	16QAM	50	0	16.68	16.72	16.68	18	0
20	16QAM	50	24	16.57	16.83	16.59		
20	16QAM	50	50	16.57	16.73	16.62		
20	16QAM	100	0	16.66	16.79	16.62		
20	64QAM	1	0	16.63	16.74	16.64	18	0
20	64QAM	1	49	16.66	16.74	16.61		
20	64QAM	1	99	16.61	16.81	16.65		
20	64QAM	50	0	16.60	16.76	16.57	18	0
20	64QAM	50	24	16.55	16.80	16.60		
20	64QAM	50	50	16.61	16.76	16.58		
20	64QAM	100	0	16.58	16.78	16.69		
20	256QAM	1	0	16.68	16.72	16.60	18	0
20	256QAM	1	49	16.64	16.84	16.69		
20	256QAM	1	99	16.60	16.70	16.68		
20	256QAM	50	0	16.65	16.71	16.68	18	0
20	256QAM	50	24	16.65	16.83	16.59		
20	256QAM	50	50	16.55	16.77	16.65		
20	256QAM	100	0	16.56	16.77	16.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.70	16.68	16.68	18	0
15	QPSK	1	37	16.79	16.86	16.77		
15	QPSK	1	74	16.75	16.70	16.69		
15	QPSK	36	0	16.60	16.69	16.66	18	0
15	QPSK	36	20	16.65	16.74	16.67		
15	QPSK	36	39	16.62	16.62	16.58		
15	QPSK	75	0	16.49	16.62	16.60		
15	16QAM	1	0	16.48	16.70	16.61	18	0
15	16QAM	1	37	16.52	16.65	16.58		
15	16QAM	1	74	16.65	16.63	16.57		
15	16QAM	36	0	16.63	16.60	16.56	18	0
15	16QAM	36	20	16.56	16.74	16.45		
15	16QAM	36	39	16.51	16.58	16.53		
15	16QAM	75	0	16.52	16.70	16.58		
15	64QAM	1	0	16.55	16.68	16.52	18	0
15	64QAM	1	37	16.60	16.60	16.49		
15	64QAM	1	74	16.48	16.76	16.53		
15	64QAM	36	0	16.50	16.65	16.47	18	0
15	64QAM	36	20	16.47	16.71	16.52		
15	64QAM	36	39	16.60	16.73	16.48		
15	64QAM	75	0	16.56	16.64	16.62		
15	256QAM	1	0	16.60	16.65	16.47	18	0
15	256QAM	1	37	16.52	16.69	16.62		
15	256QAM	1	74	16.45	16.56	16.65		
15	256QAM	36	0	16.64	16.65	16.67	18	0
15	256QAM	36	20	16.62	16.73	16.47		
15	256QAM	36	39	16.41	16.72	16.60		
15	256QAM	75	0	16.46	16.67	16.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.71	16.66	16.67	18	0
10	QPSK	1	25	16.79	16.79	16.78		
10	QPSK	1	49	16.75	16.73	16.70		
10	QPSK	25	0	16.57	16.80	16.64	18	0
10	QPSK	25	12	16.68	16.84	16.66		
10	QPSK	25	25	16.52	16.62	16.55		
10	QPSK	50	0	16.55	16.72	16.59		
10	16QAM	1	0	16.41	16.67	16.63	18	0
10	16QAM	1	25	16.59	16.65	16.51		
10	16QAM	1	49	16.56	16.69	16.61		
10	16QAM	25	0	16.62	16.63	16.58	18	0
10	16QAM	25	12	16.46	16.70	16.57		
10	16QAM	25	25	16.49	16.67	16.52		
10	16QAM	50	0	16.60	16.71	16.57		
10	64QAM	1	0	16.50	16.65	16.56	18	0
10	64QAM	1	25	16.52	16.70	16.58		
10	64QAM	1	49	16.53	16.69	16.57		
10	64QAM	25	0	16.50	16.75	16.55	18	0
10	64QAM	25	12	16.45	16.76	16.48		
10	64QAM	25	25	16.60	16.67	16.51		
10	64QAM	50	0	16.56	16.73	16.56		
10	256QAM	1	0	16.67	16.65	16.48	18	0
10	256QAM	1	25	16.54	16.69	16.67		
10	256QAM	1	49	16.49	16.60	16.67		
10	256QAM	25	0	16.52	16.69	16.53	18	0
10	256QAM	25	12	16.56	16.81	16.54		
10	256QAM	25	25	16.44	16.70	16.62		
10	256QAM	50	0	16.43	16.69	16.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.73	16.65	16.64	18	0
5	QPSK	1	12	16.77	16.83	16.73		
5	QPSK	1	24	16.73	16.70	16.73		
5	QPSK	12	0	16.60	16.70	16.60	18	0
5	QPSK	12	7	16.69	16.80	16.69		
5	QPSK	12	13	16.61	16.63	16.50		
5	QPSK	25	0	16.52	16.61	16.50		
5	16QAM	1	0	16.41	16.58	16.51	18	0
5	16QAM	1	12	16.51	16.64	16.45		
5	16QAM	1	24	16.53	16.66	16.51		
5	16QAM	12	0	16.55	16.59	16.63	18	0
5	16QAM	12	7	16.55	16.81	16.50		
5	16QAM	12	13	16.49	16.67	16.58		
5	16QAM	25	0	16.57	16.73	16.50		
5	64QAM	1	0	16.51	16.59	16.51	18	0
5	64QAM	1	12	16.62	16.68	16.58		
5	64QAM	1	24	16.46	16.71	16.52		
5	64QAM	12	0	16.51	16.69	16.54	18	0
5	64QAM	12	7	16.52	16.67	16.49		
5	64QAM	12	13	16.46	16.68	16.52		
5	64QAM	25	0	16.43	16.73	16.65		
5	256QAM	1	0	16.62	16.61	16.56	18	0
5	256QAM	1	12	16.62	16.69	16.55		
5	256QAM	1	24	16.55	16.58	16.58		
5	256QAM	12	0	16.62	16.64	16.64	18	0
5	256QAM	12	7	16.59	16.73	16.55		
5	256QAM	12	13	16.54	16.72	16.64		
5	256QAM	25	0	16.43	16.68	16.50		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.26	21.31	21.28	22.9	0
20	QPSK	1	49	21.37	21.41	21.38		
20	QPSK	1	99	21.30	21.31	21.30		
20	QPSK	50	0	20.24	20.28	20.26	21.9	1
20	QPSK	50	24	20.23	20.32	20.29		
20	QPSK	50	50	20.28	20.31	20.28		
20	QPSK	100	0	20.24	20.28	20.25		
20	16QAM	1	0	20.19	20.26	20.20	21.9	1
20	16QAM	1	49	20.35	20.43	20.35		
20	16QAM	1	99	20.29	20.34	20.24		
20	16QAM	50	0	19.20	19.26	19.15	20.9	2
20	16QAM	50	24	19.20	19.26	19.14		
20	16QAM	50	50	19.17	19.25	19.13		
20	16QAM	100	0	19.23	19.29	19.18		
20	64QAM	1	0	19.14	19.21	19.07	20.9	2
20	64QAM	1	49	19.26	19.33	19.17		
20	64QAM	1	99	19.13	19.22	19.07		
20	64QAM	50	0	18.15	18.24	18.20	19.9	3
20	64QAM	50	24	18.12	18.22	18.20		
20	64QAM	50	50	18.16	18.25	18.23		
20	64QAM	100	0	18.13	18.21	18.19		
20	256QAM	1	0	16.10	16.17	16.12	17.9	5
20	256QAM	1	49	16.26	16.35	16.31		
20	256QAM	1	99	16.21	16.31	16.29		
20	256QAM	50	0	16.28	16.37	16.34	17.9	5
20	256QAM	50	24	16.32	16.41	16.37		
20	256QAM	50	50	16.27	16.38	16.33		
20	256QAM	100	0	16.28	16.35	16.31		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.20	21.23	21.23	22.9	0
15	QPSK	1	37	21.29	21.34	21.27		
15	QPSK	1	74	21.27	21.21	21.24		
15	QPSK	36	0	20.19	20.20	20.19	21.9	1
15	QPSK	36	20	20.18	20.29	20.18		
15	QPSK	36	39	20.20	20.29	20.18		
15	QPSK	75	0	20.19	20.25	20.20		
15	16QAM	1	0	20.16	20.21	20.13	21.9	1
15	16QAM	1	37	20.31	20.42	20.30		
15	16QAM	1	74	20.20	20.28	20.19		
15	16QAM	36	0	19.09	19.20	19.12	20.9	2
15	16QAM	36	20	19.13	19.17	19.15		
15	16QAM	36	39	19.16	19.15	19.07		
15	16QAM	75	0	19.19	19.24	19.16		
15	64QAM	1	0	19.06	19.15	18.99	20.9	2
15	64QAM	1	37	19.19	19.21	19.12		
15	64QAM	1	74	19.08	19.19	18.96		
15	64QAM	36	0	18.08	18.21	18.13	19.9	3
15	64QAM	36	20	18.05	18.18	18.09		
15	64QAM	36	39	18.10	18.19	18.16		
15	64QAM	75	0	18.07	18.18	18.08		
15	256QAM	1	0	16.02	16.12	16.07	17.9	5
15	256QAM	1	37	16.21	16.27	16.26		
15	256QAM	1	74	16.13	16.26	16.26		
15	256QAM	36	0	16.17	16.37	16.27	17.9	5
15	256QAM	36	20	16.30	16.33	16.35		
15	256QAM	36	39	16.21	16.35	16.27		
15	256QAM	75	0	16.24	16.33	16.28		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.24	21.25	21.26	22.9	0
10	QPSK	1	25	21.35	21.35	21.35		
10	QPSK	1	49	21.21	21.28	21.21		
10	QPSK	25	0	20.18	20.26	20.18	21.9	1
10	QPSK	25	12	20.23	20.25	20.27		
10	QPSK	25	25	20.28	20.29	20.28		
10	QPSK	50	0	20.22	20.23	20.22		
10	16QAM	1	0	20.10	20.26	20.19	21.9	1
10	16QAM	1	25	20.29	20.41	20.30		
10	16QAM	1	49	20.24	20.31	20.25		
10	16QAM	25	0	19.14	19.18	19.11	20.9	2
10	16QAM	25	12	19.13	19.21	19.14		
10	16QAM	25	25	19.14	19.19	19.06		
10	16QAM	50	0	19.17	19.21	19.09		
10	64QAM	1	0	19.09	19.12	19.05	20.9	2
10	64QAM	1	25	19.20	19.21	19.13		
10	64QAM	1	49	19.13	19.16	19.03		
10	64QAM	25	0	18.09	18.21	18.16	19.9	3
10	64QAM	25	12	18.03	18.16	18.17		
10	64QAM	25	25	18.13	18.21	18.16		
10	64QAM	50	0	18.08	18.20	18.12		
10	256QAM	1	0	16.07	16.17	16.01	17.9	5
10	256QAM	1	25	16.16	16.24	16.27		
10	256QAM	1	49	16.10	16.22	16.20		
10	256QAM	25	0	16.23	16.37	16.23	17.9	5
10	256QAM	25	12	16.30	16.34	16.30		
10	256QAM	25	25	16.21	16.34	16.26		
10	256QAM	50	0	16.26	16.24	16.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.21	21.24	21.27	22.9	0
5	QPSK	1	12	21.32	21.36	21.32		
5	QPSK	1	24	21.21	21.31	21.26		
5	QPSK	12	0	20.13	20.21	20.22	21.9	1
5	QPSK	12	7	20.28	20.33	20.23		
5	QPSK	12	13	20.19	20.27	20.23		
5	QPSK	25	0	20.21	20.26	20.22		
5	16QAM	1	0	20.13	20.21	20.12	21.9	1
5	16QAM	1	12	20.27	20.40	20.32		
5	16QAM	1	24	20.24	20.30	20.17		
5	16QAM	12	0	19.14	19.14	19.10	20.9	2
5	16QAM	12	7	19.12	19.21	19.07		
5	16QAM	12	13	19.10	19.13	19.11		
5	16QAM	25	0	19.22	19.20	19.15		
5	64QAM	1	0	19.12	19.15	19.00	20.9	2
5	64QAM	1	12	19.20	19.27	19.15		
5	64QAM	1	24	19.09	19.17	19.00		
5	64QAM	12	0	18.08	18.19	18.12	19.9	3
5	64QAM	12	7	18.05	18.11	18.16		
5	64QAM	12	13	18.13	18.24	18.20		
5	64QAM	25	0	18.10	18.15	18.17		
5	256QAM	1	0	16.08	16.10	16.08	17.9	5
5	256QAM	1	12	16.20	16.35	16.22		
5	256QAM	1	24	16.12	16.23	16.25		
5	256QAM	12	0	16.24	16.30	16.24	17.9	5
5	256QAM	12	7	16.23	16.34	16.30		
5	256QAM	12	13	16.23	16.29	16.25		
5	256QAM	25	0	16.26	16.24	16.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.30	17.55	17.51	18.5	0
20	QPSK	1	49	17.44	17.57	17.52		
20	QPSK	1	99	17.36	17.52	17.43		
20	QPSK	50	0	17.20	17.48	17.40		
20	QPSK	50	24	17.33	17.54	17.43		
20	QPSK	50	50	17.28	17.41	17.41		
20	QPSK	100	0	17.18	17.43	17.28		
20	16QAM	1	0	17.22	17.45	17.35	18.5	0
20	16QAM	1	49	17.25	17.49	17.37		
20	16QAM	1	99	17.23	17.46	17.30		
20	16QAM	50	0	17.18	17.48	17.29		
20	16QAM	50	24	17.30	17.49	17.34		
20	16QAM	50	50	17.29	17.50	17.28		
20	16QAM	100	0	17.25	17.39	17.35		
20	64QAM	1	0	17.32	17.49	17.30		
20	64QAM	1	49	17.27	17.51	17.29	18.5	0
20	64QAM	1	99	17.22	17.46	17.36		
20	64QAM	50	0	17.26	17.49	17.35		
20	64QAM	50	24	17.30	17.42	17.31	18.5	0
20	64QAM	50	50	17.29	17.43	17.29		
20	64QAM	100	0	17.29	17.40	17.29		
20	256QAM	1	0	17.29	17.40	17.37		
20	256QAM	1	49	17.28	17.49	17.35	18.5	0
20	256QAM	1	99	17.24	17.43	17.39		
20	256QAM	50	0	17.27	17.52	17.38		
20	256QAM	50	24	17.24	17.51	17.29	18.5	0
20	256QAM	50	50	17.21	17.45	17.32		
20	256QAM	100	0	17.18	17.44	17.41		
Channel				37525	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.20	17.42	17.40	18.5	0
15	QPSK	1	37	17.43	17.50	17.46		
15	QPSK	1	74	17.27	17.42	17.33		
15	QPSK	36	0	17.16	17.46	17.35	18.5	0
15	QPSK	36	20	17.26	17.39	17.32		
15	QPSK	36	39	17.21	17.34	17.31		
15	QPSK	75	0	17.12	17.28	17.13		
15	16QAM	1	0	17.15	17.34	17.26	18.5	0
15	16QAM	1	37	17.18	17.43	17.33		
15	16QAM	1	74	17.15	17.35	17.17		
15	16QAM	36	0	17.14	17.34	17.14	18.5	0
15	16QAM	36	20	17.23	17.40	17.32		
15	16QAM	36	39	17.14	17.40	17.22		
15	16QAM	75	0	17.18	17.32	17.28		
15	64QAM	1	0	17.30	17.44	17.15	18.5	0
15	64QAM	1	37	17.15	17.41	17.19		
15	64QAM	1	74	17.10	17.48	17.31		
15	64QAM	36	0	17.11	17.43	17.24	18.5	0
15	64QAM	36	20	17.27	17.40	17.16		
15	64QAM	36	39	17.20	17.39	17.22		
15	64QAM	75	0	17.24	17.27	17.22		
15	256QAM	1	0	17.18	17.37	17.26	18.5	0
15	256QAM	1	37	17.23	17.38	17.34		
15	256QAM	1	74	17.17	17.39	17.34		
15	256QAM	36	0	17.26	17.51	17.31	18.5	0
15	256QAM	36	20	17.23	17.38	17.27		
15	256QAM	36	39	17.20	17.38	17.31		
15	256QAM	75	0	17.11	17.34	17.31		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.25	17.54	17.37	18.5	0
10	QPSK	1	25	17.32	17.53	17.44		
10	QPSK	1	49	17.33	17.43	17.29		
10	QPSK	25	0	17.19	17.34	17.35	18.5	0
10	QPSK	25	12	17.18	17.49	17.32		
10	QPSK	25	25	17.17	17.39	17.38		
10	QPSK	50	0	17.07	17.35	17.22		
10	16QAM	1	0	17.20	17.32	17.33	18.5	0
10	16QAM	1	25	17.24	17.42	17.27		
10	16QAM	1	49	17.14	17.43	17.20		
10	16QAM	25	0	17.16	17.38	17.28	18.5	0
10	16QAM	25	12	17.21	17.40	17.20		
10	16QAM	25	25	17.20	17.37	17.27		
10	16QAM	50	0	17.24	17.34	17.31		
10	64QAM	1	0	17.20	17.46	17.15	18.5	0
10	64QAM	1	25	17.15	17.40	17.24		
10	64QAM	1	49	17.15	17.38	17.32		
10	64QAM	25	0	17.20	17.37	17.28	18.5	0
10	64QAM	25	12	17.24	17.38	17.30		
10	64QAM	25	25	17.23	17.36	17.24		
10	64QAM	50	0	17.18	17.26	17.14		
10	256QAM	1	0	17.20	17.31	17.35	18.5	0
10	256QAM	1	25	17.19	17.35	17.23		
10	256QAM	1	49	17.12	17.32	17.32		
10	256QAM	25	0	17.16	17.41	17.33	18.5	0
10	256QAM	25	12	17.17	17.39	17.20		
10	256QAM	25	25	17.17	17.38	17.28		
10	256QAM	50	0	17.08	17.29	17.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.22	17.52	17.44	18.5	0
5	QPSK	1	12	17.43	17.46	17.56		
5	QPSK	1	24	17.29	17.45	17.38		
5	QPSK	12	0	17.13	17.41	17.29	18.5	0
5	QPSK	12	7	17.29	17.46	17.35		
5	QPSK	12	13	17.24	17.37	17.38		
5	QPSK	25	0	17.10	17.28	17.25		
5	16QAM	1	0	17.12	17.33	17.22	18.5	0
5	16QAM	1	12	17.15	17.41	17.22		
5	16QAM	1	24	17.21	17.36	17.29		
5	16QAM	12	0	17.11	17.47	17.26	18.5	0
5	16QAM	12	7	17.29	17.39	17.32		
5	16QAM	12	13	17.19	17.35	17.20		
5	16QAM	25	0	17.20	17.38	17.25		
5	64QAM	1	0	17.24	17.42	17.27	18.5	0
5	64QAM	1	12	17.12	17.39	17.27		
5	64QAM	1	24	17.07	17.44	17.23		
5	64QAM	12	0	17.12	17.36	17.22	18.5	0
5	64QAM	12	7	17.18	17.30	17.29		
5	64QAM	12	13	17.13	17.41	17.23		
5	64QAM	25	0	17.18	17.37	17.19		
5	256QAM	1	0	17.17	17.26	17.36	18.5	0
5	256QAM	1	12	17.22	17.43	17.27		
5	256QAM	1	24	17.09	17.28	17.28		
5	256QAM	12	0	17.23	17.43	17.23	18.5	0
5	256QAM	12	7	17.14	17.39	17.27		
5	256QAM	12	13	17.11	17.32	17.25		
5	256QAM	25	0	17.13	17.37	17.32		

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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	21.32	21.06	21.35	21.18	21.18	22.3	0
20	QPSK	1	49	21.35	21.13	21.41	21.22	21.26		
20	QPSK	1	99	21.19	20.96	21.22	21.01	21.08		
20	QPSK	50	0	20.30	20.07	20.35	20.11	20.22		
20	QPSK	50	24	20.31	20.10	20.36	20.13	20.26	21.3	1
20	QPSK	50	50	20.30	20.04	20.33	20.10	20.22		
20	QPSK	100	0	20.24	20.02	20.30	20.07	20.16		
20	16QAM	1	0	20.27	20.09	20.36	20.15	20.23	21.3	1
20	16QAM	1	49	20.33	20.17	20.45	20.27	20.33		
20	16QAM	1	99	20.15	20.00	20.28	20.12	20.16		
20	16QAM	50	0	19.23	19.04	19.33	19.20	19.19	20.3	2
20	16QAM	50	24	19.21	19.01	19.32	19.16	19.20		
20	16QAM	50	50	19.21	19.02	19.30	19.16	19.15		
20	16QAM	100	0	19.20	19.01	19.32	19.20	19.19		
20	64QAM	1	0	19.15	18.97	19.28	19.19	19.13	20.3	2
20	64QAM	1	49	19.21	19.05	19.36	19.27	19.23		
20	64QAM	1	99	19.03	18.90	19.20	19.10	19.10		
20	64QAM	50	0	18.21	18.20	18.28	18.23	18.27	19.3	3
20	64QAM	50	24	18.22	18.19	18.30	18.26	18.28		
20	64QAM	50	50	18.14	18.17	18.25	18.21	18.24		
20	64QAM	100	0	18.22	18.18	18.29	18.24	18.28		
20	256QAM	1	0	16.14	16.18	16.25	16.24	16.24	17.3	5
20	256QAM	1	49	16.31	16.30	16.38	16.36	16.36		
20	256QAM	1	99	16.10	16.10	16.21	16.19	16.19		
20	256QAM	50	0	16.33	16.34	16.42	16.41	16.41	17.3	5
20	256QAM	50	24	16.39	16.42	16.50	16.49	16.45		
20	256QAM	50	50	16.33	16.33	16.42	16.41	16.40		
20	256QAM	100	0	16.37	16.38	16.46	16.44	16.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.26	21.00	21.29	21.12	21.17	22.3	0
15	QPSK	1	37	21.32	21.12	21.37	21.20	21.14		
15	QPSK	1	74	21.13	20.95	21.22	20.97	21.00		
15	QPSK	36	0	20.26	20.05	20.23	20.04	20.18	21.3	1
15	QPSK	36	20	20.29	20.03	20.28	20.05	20.23		
15	QPSK	36	39	20.22	19.96	20.27	20.00	20.20		
15	QPSK	75	0	20.17	20.01	20.29	20.07	20.10		
15	16QAM	1	0	20.22	20.00	20.35	20.09	20.18	21.3	1
15	16QAM	1	37	20.22	20.08	20.37	20.17	20.24		
15	16QAM	1	74	20.07	19.95	20.18	20.00	20.06		
15	16QAM	36	0	19.17	18.99	19.28	19.12	19.08	20.3	2
15	16QAM	36	20	19.16	19.00	19.30	19.13	19.08		
15	16QAM	36	39	19.14	18.96	19.27	19.13	19.12		
15	16QAM	75	0	19.12	19.00	19.27	19.16	19.11		
15	64QAM	1	0	19.10	18.89	19.23	19.10	19.08	20.3	2
15	64QAM	1	37	19.17	19.05	19.28	19.24	19.19		
15	64QAM	1	74	18.99	18.82	19.18	19.00	19.05		
15	64QAM	36	0	18.20	18.18	18.18	18.14	18.16	19.3	3
15	64QAM	36	20	18.19	18.15	18.24	18.24	18.23		
15	64QAM	36	39	18.06	18.16	18.21	18.20	18.16		
15	64QAM	75	0	18.18	18.15	18.26	18.23	18.20		
15	256QAM	1	0	16.05	16.06	16.23	16.16	16.20	17.3	5
15	256QAM	1	37	16.23	16.27	16.37	16.29	16.33		
15	256QAM	1	74	16.06	16.05	16.13	16.16	16.09		
15	256QAM	36	0	16.29	16.22	16.38	16.35	16.39	17.3	5
15	256QAM	36	20	16.33	16.37	16.38	16.46	16.40		
15	256QAM	36	39	16.28	16.27	16.41	16.34	16.36		
15	256QAM	75	0	16.32	16.32	16.38	16.38	16.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.25	21.01	21.29	21.16	21.19	22.3	0
10	QPSK	1	25	21.31	21.08	21.33	21.16	21.21		
10	QPSK	1	49	21.16	20.95	21.17	21.01	21.03		
10	QPSK	25	0	20.18	20.02	20.32	20.06	20.15	21.3	1
10	QPSK	25	12	20.27	20.05	20.24	20.05	20.25		
10	QPSK	25	25	20.25	19.98	20.24	20.04	20.10		
10	QPSK	50	0	20.22	19.98	20.25	20.02	20.13		
10	16QAM	1	0	20.20	20.03	20.37	20.04	20.13	21.3	1
10	16QAM	1	25	20.27	20.14	20.37	20.21	20.26		
10	16QAM	1	49	20.11	19.90	20.27	20.08	20.13		
10	16QAM	25	0	19.13	18.92	19.30	19.16	19.11	20.3	2
10	16QAM	25	12	19.20	18.96	19.27	19.11	19.17		
10	16QAM	25	25	19.15	18.96	19.21	19.11	19.11		
10	16QAM	50	0	19.17	18.97	19.21	19.13	19.16		
10	64QAM	1	0	19.08	18.94	19.21	19.10	19.11	20.3	2
10	64QAM	1	25	19.21	19.04	19.31	19.20	19.12		
10	64QAM	1	49	18.92	18.86	19.20	19.00	19.04		
10	64QAM	25	0	18.16	18.16	18.17	18.15	18.23	19.3	3
10	64QAM	25	12	18.19	18.12	18.25	18.23	18.20		
10	64QAM	25	25	18.10	18.12	18.18	18.15	18.21		
10	64QAM	50	0	18.20	18.11	18.27	18.16	18.16		
10	256QAM	1	0	16.12	16.10	16.20	16.17	16.18	17.3	5
10	256QAM	1	25	16.28	16.20	16.29	16.30	16.28		
10	256QAM	1	49	16.06	15.98	16.15	16.14	16.13		
10	256QAM	25	0	16.29	16.35	16.34	16.34	16.39	17.3	5
10	256QAM	25	12	16.28	16.42	16.46	16.45	16.45		
10	256QAM	25	25	16.25	16.26	16.40	16.29	16.37		
10	256QAM	50	0	16.31	16.36	16.40	16.40	16.38		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.28	21.02	21.33	21.08	21.15	22.3	0
5	QPSK	1	12	21.29	21.08	21.40	21.19	21.26		
5	QPSK	1	24	21.16	20.96	21.16	20.94	21.02		
5	QPSK	12	0	20.31	20.03	20.29	20.10	20.18	21.3	1
5	QPSK	12	7	20.29	20.04	20.25	20.05	20.24		
5	QPSK	12	13	20.21	20.00	20.26	19.99	20.13		
5	QPSK	25	0	20.18	19.94	20.25	20.00	20.11		
5	16QAM	1	0	20.21	20.03	20.31	20.12	20.17	21.3	1
5	16QAM	1	12	20.23	20.13	20.36	20.26	20.31		
5	16QAM	1	24	20.13	19.91	20.27	20.08	20.13		
5	16QAM	12	0	19.21	18.98	19.27	19.18	19.16	20.3	2
5	16QAM	12	7	19.21	18.95	19.28	19.11	19.14		
5	16QAM	12	13	19.17	18.99	19.28	19.11	19.09		
5	16QAM	25	0	19.13	18.93	19.21	19.10	19.12		
5	64QAM	1	0	19.13	18.90	19.26	19.08	19.13	20.3	2
5	64QAM	1	12	19.14	19.04	19.26	19.20	19.17		
5	64QAM	1	24	18.96	18.82	19.14	19.05	19.02		
5	64QAM	12	0	18.17	18.14	18.24	18.19	18.22	19.3	3
5	64QAM	12	7	18.12	18.17	18.22	18.20	18.22		
5	64QAM	12	13	18.05	18.09	18.22	18.18	18.23		
5	64QAM	25	0	18.21	18.17	18.26	18.14	18.22		
5	256QAM	1	0	16.08	16.10	16.19	16.18	16.20	17.3	5
5	256QAM	1	12	16.22	16.24	16.36	16.30	16.35		
5	256QAM	1	24	16.04	16.04	16.19	16.14	16.14		
5	256QAM	12	0	16.26	16.30	16.34	16.41	16.34		
5	256QAM	12	7	16.38	16.33	16.41	16.50	16.43		
5	256QAM	12	13	16.30	16.25	16.36	16.32	16.38		
5	256QAM	25	0	16.36	16.37	16.36	16.37	16.33		

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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	16.84	16.57	16.89	16.81	16.83	18	0
20	QPSK	1	49	16.91	16.71	17.02	16.82	16.92		
20	QPSK	1	99	16.90	16.66	17.01	16.70	16.87		
20	QPSK	50	0	16.75	16.51	16.98	16.62	16.76	18	0
20	QPSK	50	24	16.87	16.65	17.00	16.67	16.81		
20	QPSK	50	50	16.72	16.50	16.86	16.56	16.69		
20	QPSK	100	0	16.82	16.61	16.90	16.60	16.71		
20	16QAM	1	0	16.86	16.52	16.91	16.58	16.72	18	0
20	16QAM	1	49	16.81	16.64	16.90	16.61	16.71		
20	16QAM	1	99	16.76	16.50	16.86	16.59	16.76		
20	16QAM	50	0	16.77	16.61	16.94	16.64	16.80	18	0
20	16QAM	50	24	16.84	16.62	16.87	16.57	16.66		
20	16QAM	50	50	16.84	16.53	16.95	16.56	16.66		
20	16QAM	100	0	16.86	16.50	16.95	16.52	16.68		
20	64QAM	1	0	16.72	16.51	16.85	16.54	16.71	18	0
20	64QAM	1	49	16.84	16.56	16.94	16.59	16.75		
20	64QAM	1	99	16.74	16.50	16.90	16.65	16.73		
20	64QAM	50	0	16.83	16.51	16.89	16.65	16.71	18	0
20	64QAM	50	24	16.74	16.64	16.93	16.58	16.71		
20	64QAM	50	50	16.85	16.50	16.90	16.58	16.66		
20	64QAM	100	0	16.83	16.51	16.93	16.65	16.77		
20	256QAM	1	0	16.85	16.55	16.85	16.61	16.71	18	0
20	256QAM	1	49	16.81	16.51	16.96	16.63	16.74		
20	256QAM	1	99	16.73	16.51	16.95	16.52	16.73		
20	256QAM	50	0	16.82	16.57	16.91	16.53	16.67	18	0
20	256QAM	50	24	16.79	16.51	16.93	16.65	16.73		
20	256QAM	50	50	16.82	16.60	16.93	16.57	16.72		
20	256QAM	100	0	16.76	16.62	16.95	16.55	16.71		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.77	16.56	16.88	16.66	16.80	18	0
15	QPSK	1	37	16.80	16.56	16.95	16.75	16.90		
15	QPSK	1	74	16.80	16.58	16.87	16.58	16.74		
15	QPSK	36	0	16.72	16.48	16.92	16.54	16.75	18	0
15	QPSK	36	20	16.86	16.63	16.91	16.62	16.69		
15	QPSK	36	39	16.68	16.39	16.71	16.50	16.67		
15	QPSK	75	0	16.71	16.54	16.76	16.48	16.58	18	0
15	16QAM	1	0	16.73	16.46	16.79	16.46	16.68		
15	16QAM	1	37	16.71	16.62	16.89	16.50	16.64		
15	16QAM	1	74	16.69	16.42	16.73	16.57	16.69		
15	16QAM	36	0	16.63	16.60	16.87	16.54	16.70	18	0
15	16QAM	36	20	16.80	16.50	16.80	16.44	16.59		
15	16QAM	36	39	16.81	16.39	16.85	16.50	16.53		
15	16QAM	75	0	16.79	16.44	16.82	16.43	16.58		
15	64QAM	1	0	16.59	16.44	16.75	16.53	16.65	18	0
15	64QAM	1	37	16.70	16.44	16.90	16.45	16.62		
15	64QAM	1	74	16.68	16.40	16.82	16.56	16.58		
15	64QAM	36	0	16.70	16.43	16.75	16.59	16.62	18	0
15	64QAM	36	20	16.68	16.58	16.91	16.50	16.68		
15	64QAM	36	39	16.72	16.49	16.85	16.44	16.58		
15	64QAM	75	0	16.81	16.48	16.85	16.54	16.63		
15	256QAM	1	0	16.73	16.43	16.73	16.56	16.56	18	0
15	256QAM	1	37	16.76	16.44	16.83	16.52	16.71		
15	256QAM	1	74	16.68	16.42	16.82	16.38	16.59		
15	256QAM	36	0	16.78	16.49	16.90	16.52	16.62	18	0
15	256QAM	36	20	16.70	16.43	16.91	16.56	16.60		
15	256QAM	36	39	16.72	16.45	16.88	16.54	16.59		
15	256QAM	75	0	16.74	16.52	16.92	16.46	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.73	16.43	16.76	16.72	16.77	18	0
10	QPSK	1	25	16.80	16.56	16.87	16.74	16.82		
10	QPSK	1	49	16.81	16.65	16.96	16.65	16.80		
10	QPSK	25	0	16.73	16.47	16.87	16.48	16.62	18	0
10	QPSK	25	12	16.76	16.61	16.87	16.64	16.78		
10	QPSK	25	25	16.64	16.46	16.73	16.45	16.60		
10	QPSK	50	0	16.74	16.53	16.83	16.57	16.62		
10	16QAM	1	0	16.80	16.50	16.83	16.47	16.60	18	0
10	16QAM	1	25	16.73	16.51	16.81	16.56	16.56		
10	16QAM	1	49	16.65	16.38	16.76	16.58	16.62		
10	16QAM	25	0	16.74	16.59	16.81	16.63	16.77	18	0
10	16QAM	25	12	16.73	16.56	16.83	16.54	16.53		
10	16QAM	25	25	16.75	16.42	16.85	16.43	16.57		
10	16QAM	50	0	16.85	16.37	16.80	16.49	16.54		
10	64QAM	1	0	16.71	16.41	16.74	16.40	16.57	18	0
10	64QAM	1	25	16.81	16.50	16

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.32	21.07	21.36	21.25	21.27		
20	QPSK	1	49	21.44	21.19	21.46	21.35	21.38	22.9	0
20	QPSK	1	99	21.24	21.00	21.29	21.15	21.24		
20	QPSK	50	0	20.34	20.07	20.38	20.26	20.33		
20	QPSK	50	24	20.38	20.10	20.44	20.34	20.39	21.9	1
20	QPSK	50	50	20.30	20.02	20.37	20.28	20.34		
20	QPSK	100	0	20.30	20.04	20.38	20.30	20.34		
20	16QAM	1	0	20.33	20.09	20.40	20.34	20.37		
20	16QAM	1	49	20.42	20.17	20.50	20.42	20.45	21.9	1
20	16QAM	1	99	20.27	20.03	20.35	20.28	20.31		
20	16QAM	50	0	19.26	19.01	19.36	19.30	19.32		
20	16QAM	50	24	19.28	19.04	19.39	19.35	19.33	20.9	2
20	16QAM	50	50	19.22	18.96	19.33	19.29	19.25		
20	16QAM	100	0	19.21	18.98	19.34	19.32	19.26		
20	64QAM	1	0	19.20	18.96	19.32	19.28	19.27		
20	64QAM	1	49	19.25	19.07	19.40	19.35	19.33	20.9	2
20	64QAM	1	99	19.16	18.98	19.28	19.26	19.18		
20	64QAM	50	0	18.22	18.22	18.33	18.30	18.30		
20	64QAM	50	24	18.23	18.26	18.33	18.29	18.30	19.9	3
20	64QAM	50	50	18.25	18.26	18.35	18.30	18.33		
20	64QAM	100	0	18.25	18.23	18.33	18.29	18.28		
20	256QAM	1	0	16.27	16.27	16.34	16.32	16.33		
20	256QAM	1	49	16.33	16.34	16.44	16.42	16.39	17.9	5
20	256QAM	1	99	16.15	16.15	16.26	16.22	16.22		
20	256QAM	50	0	16.39	16.39	16.49	16.47	16.47		
20	256QAM	50	24	16.43	16.43	16.52	16.51	16.47	17.9	5
20	256QAM	50	50	16.41	16.44	16.51	16.50	16.47		
20	256QAM	100	0	16.42	16.39	16.50	16.45	16.48		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.32	21.05	21.26	21.21	21.21		
15	QPSK	1	37	21.36	21.13	21.40	21.29	21.36	22.9	0
15	QPSK	1	74	21.17	20.93	21.24	21.12	21.15		
15	QPSK	36	0	20.27	20.05	20.34	20.26	20.34		
15	QPSK	36	20	20.31	20.07	20.41	20.32	20.31	21.9	1
15	QPSK	36	39	20.22	19.98	20.36	20.24	20.26		
15	QPSK	75	0	20.22	20.01	20.29	20.22	20.26		
15	16QAM	1	0	20.24	20.00	20.35	20.31	20.35		
15	16QAM	1	37	20.38	20.10	20.46	20.34	20.38	21.9	1
15	16QAM	1	74	20.22	20.03	20.26	20.24	20.26		
15	16QAM	36	0	19.22	18.94	19.36	19.24	19.25		
15	16QAM	36	20	19.18	19.03	19.37	19.27	19.28	20.9	2
15	16QAM	36	39	19.20	19.08	19.25	19.17	19.19		
15	16QAM	75	0	19.09	18.93	19.29	19.28	19.16		
15	64QAM	1	0	19.13	18.91	19.30	19.24	19.21		
15	64QAM	1	37	19.19	19.03	19.37	19.31	19.25	20.9	2
15	64QAM	1	74	19.09	18.90	19.25	19.18	19.10		
15	64QAM	36	0	18.19	18.19	18.25	18.29	18.23		
15	64QAM	36	20	18.21	18.25	18.31	18.26	18.27	19.9	3
15	64QAM	36	39	18.20	18.22	18.35	18.26	18.29		
15	64QAM	75	0	18.22	18.21	18.27	18.26	18.22		
15	256QAM	1	0	16.22	16.19	16.30	16.26	16.25		
15	256QAM	1	37	16.27	16.26	16.41	16.41	16.27	17.9	5
15	256QAM	1	74	16.07	16.08	16.17	16.18	16.13		
15	256QAM	36	0	16.30	16.34	16.42	16.46	16.42		
15	256QAM	36	20	16.40	16.40	16.48	16.43	16.42	17.9	5
15	256QAM	36	39	16.41	16.35	16.48	16.44	16.45		
15	256QAM	75	0	16.37	16.29	16.49	16.43	16.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.28	21.04	21.26	21.18	21.22		
10	QPSK	1	25	21.37	21.15	21.42	21.25	21.34	22.9	0
10	QPSK	1	49	21.25	20.94	21.24	21.12	21.14		
10	QPSK	25	0	20.23	19.97	20.38	20.17	20.29		
10	QPSK	25	12	20.31	20.02	20.43	20.27	20.33	21.9	1
10	QPSK	25	25	20.28	20.03	20.35	20.25	20.25		
10	QPSK	50	0	20.22	19.94	20.34	20.25	20.33		
10	16QAM	1	0	20.25	20.05	20.35	20.33	20.37		
10	16QAM	1	25	20.34	20.08	20.46	20.36	20.41	21.9	1
10	16QAM	1	49	20.26	20.01	20.29	20.18	20.24		
10	16QAM	25	0	19.23	18.97	19.30	19.25	19.25		
10	16QAM	25	12	19.24	18.98	19.32	19.31	19.30	20.9	2
10	16QAM	25	25	19.17	19.09	19.28	19.25	19.24		
10	16QAM	50	0	19.15	18.91	19.32	19.31	19.24		
10	64QAM	1	0	19.13	18.93	19.29	19.21	19.17		
10	64QAM	1	25	19.23	19.05	19.32	19.33	19.33	20.9	2
10	64QAM	1	49	19.08	18.91	19.26	19.26	19.09		
10	64QAM	25	0	18.16	18.17	18.30	18.26	18.23		
10	64QAM	25	12	18.16	18.25	18.27	18.18	18.30	19.9	3
10	64QAM	25	25	18.15	18.21	18.30	18.21	18.30		
10	64QAM	50	0	18.20	18.16	18.27	18.22	18.24		
10	256QAM	1	0	16.17	16.20	16.24	16.27	16.29		
10	256QAM	1	25	16.26	16.30	16.39	16.35	16.34	17.9	5
10	256QAM	1	49	16.12	16.04	16.20	16.16	16.15		
10	256QAM	25	0	16.36	16.39	16.43	16.42	16.45		
10	256QAM	25	12	16.34	16.40	16.49	16.52	16.41	17.9	5
10	256QAM	25	25	16.33	16.41	16.42	16.41	16.36		
10	256QAM	50	0	16.36	16.31	16.50	16.44	16.36		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.25	21.08	21.26	21.23	21.18		
5	QPSK	1	12	21.41	21.15	21.40	21.27	21.33	22.9	0
5	QPSK	1	24	21.20	20.96	21.18	21.08	21.19		
5	QPSK	12	0	20.27	20.04	20.32	20.21	20.28		
5	QPSK	12	7	20.34	20.06	20.40	20.25	20.32	21.9	1
5	QPSK	12	13	20.23	19.92	20.32	20.29	20.28		
5	QPSK	25	0	20.28	19.95	20.31	20.29	20.30		
5	16QAM	1	0	20.26	20.09	20.35	20.30	20.32		
5	16QAM	1	12	20.39	20.06	20.43	20.35	20.37	21.9	1
5	16QAM	1	24	20.18	19.97	20.32	20.17	20.24		
5	16QAM	12	0	19.19	18.92	19.35	19.19	19.26		
5	16QAM	12	7	19.23	18.98	19.34	19.32	19.26	20.9	2
5	16QAM	12	13	19.23	18.93	19.31	19.23	19.22		
5	16QAM	25	0	19.17	19.09	19.25	19.27	19.21		
5	64QAM	1	0	19.20	19.09	19.30	19.26	19.23		
5	64QAM	1	12	19.23	19.03	19.29	19.29	19.24	20.9	2
5	64QAM	1	24	19.15	19.08	19.25	19.17	19.14		
5	64QAM	12	0	18.19	18.15	18.26	18.24	18.27		
5	64QAM	12	7	18.19	18.25	18.25	18.28	18.22		
5	64QAM	12	13	18.22	18.21	18.29	18.23	18.27	19.9	3
5	64QAM	25	0	18.19	18.15	18.26	18.23	18.26		
5	256QAM	1	0	16.22	16.18	16.28	16.29	16.24		
5	256QAM	1	12	16.30	16.25	16.39	16.39	16.30	17.9	5
5	256QAM	1	24	16.07	16.07	16.19	16.14	16.15		
5	256QAM	12	0	16.28	16.33	16.42	16.45	16.43		
5	256QAM	12	7	16.32	16.34	16.49	16.46	16.45	17.9	5
5	256QAM	12	13	16.39	16.39	16.44	16.40	16.37		
5	256QAM	25	0	16.37	16.30	16.45	16.38	16.38		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.50	17.25	17.55	17.51	17.62		
20	QPSK	1	49	17.52	17.28	17.70	17.56	17.67	18.5	0
20	QPSK	1	99	17.42	17.18	17.57	17.43	17.59		
20	QPSK	50	0	17.38	17.14	17.54	17.46	17.41		
20	QPSK	50	24	17.50	17.27	17.69	17.47	17.53	18.5	0
20	QPSK	50	50	17.46	17.24	17.67	17.44	17.40		
20	QPSK	100	0	17.41	17.14	17.63	17.36	17.47		
20	16QAM	1	0	17.47	17.12	17.60	17.34	17.50		
20	16QAM	1	49	17.36	17.22	17.61	17.37	17.47	18.5	0
20	16QAM	1	99	17.35	17.15	17.58	17.44	17.43		
20	16QAM	50	0	17.46	17.20	17.67	17.35	17.50		
20	16QAM	50	24	17.37	17.21	17.58	17.38	17.47	18.5	0
20	16QAM	50	50	17.36	17.17	17.56	17.46	17.48		
20	16QAM	100	0	17.42	17.18	17.54	17.45	17.44		
20	64QAM	1	0	17.38	17.23	17.63	17.42	17.50		
20	64QAM	1	49	17.37	17.15	17.63	17.34	17.43	18.5	0
20	64QAM	1	99	17.36	17.18	17.62	17.33	17.41		
20	64QAM	50	0	17.43	17.19	17.67	17.33	17.38		
20	64QAM	50	24	17.44	17.20	17.55	17.39	17.45	18.5	0
20	64QAM	50	50	17.43	17.23	17.60	17.32	17.49		
20	64QAM	100	0	17.42	17.12	17.59	17.34	17.49		
20	256QAM	1	0	17.43	17.21	17.68	17.34	17.49		
20	256QAM	1	49	17.41	17.12	17.59	17.41	17.39	18.5	0
20	256QAM	1	99	17.38	17.18	17.56	17.44	17.50		
20	256QAM	50	0	17.49	17.25	17.66	17.45	17.48		
20	256QAM	50	24	17.37	17.12	17.65	17.34	17.42	18.5	0
20	256QAM	50	50	17.48	17.25	17.64	17.33	17.52		
20	256QAM	100	0	17.35	17.14	17.57	17.46	17.51		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.46	17.23	17.51	17.45	17.54		
15	QPSK	1	37	17.45	17.21	17.61	17.52	17.63	18.5	0
15	QPSK	1	74	17.36	17.14	17.54	17.38	17.53		
15	QPSK	36	0	17.28	16.99	17.49	17.44	17.38		
15	QPSK	36	20	17.42	17.22	17.65	17.41	17.44	18.5	0
15	QPSK	36	39	17.44	17.14	17.61	17.33	17.39		
15	QPSK	75	0	17.27	17.03	17.55	17.26	17.42		
15	16QAM	1	0	17.38	16.99	17.55	17.29	17.42		
15	16QAM	1	37	17.33	17.18	17.53	17.30	17.43	18.5	0
15	16QAM	1	74	17.27	17.02	17.44	17.33	17.31		
15	16QAM	36	0	17.44	17.13	17.58	17.30	17.37		
15	16QAM	36	20	17.31	17.12	17.43	17.34	17.34	18.5	0
15	16QAM	36	39	17.26	17.09	17.46	17.33	17.34		
15	16QAM	75	0	17.38	17.15	17.52	17.44	17.35		
15	64QAM	1	0	17.37	17.09	17.58	17.36	17.49		
15	64QAM	1	37	17.29	17.04	17.49	17.31	17.29	18.5	0
15	64QAM	1	74	17.35	17.08	17.50	17.20	17.29		
15	64QAM	36	0	17.30	17.17	17.59	17.25	17.32		
15	64QAM	36	20	17.30	17.11	17.50	17.30	17.31	18.5	0
15	64QAM	36	39	17.42	17.08	17.55	17.22	17.37		
15	64QAM	75	0	17.35	17.04	17.56	17.24	17.40		
15	256QAM	1	0	17.30	17.07	17.53	17.30	17.39		
15	256QAM	1	37	17.28	17.04	17.51	17.37	17.33	18.5	0
15	256QAM	1	74	17.24	17.17	17.48	17.30	17.40		
15	256QAM	36	0	17.42	17.19	17.57	17.41	17.46		
15	256QAM	36	20	17.31	17.04	17.55	17.20	17.38	18.5	0
15	256QAM	36	39	17.33	17.15	17.61	17.29	17.50		
15	256QAM	75	0	17.21	17.03	17.54	17.37	17.43		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.48	17.16	17.50	17.38	17.52		
10	QPSK	1	25	17.46	17.20	17.69	17.42	17.62	18.5	0
10	QPSK	1	49	17.35	17.13	17.43	17.34	17.53		
10	QPSK	25	0	17.24	17.01	17.49	17.36	17.28		
10	QPSK	25	12	17.47	17.21	17.63	17.42	17.51	18.5	0
10	QPSK	25	25	17.35	17.23	17.52	17.32	17.34		
10	QPSK	50	0	17.34	17.08	17.56	17.25	17.35		
10	16QAM	1	0	17.35	17.09	17.53	17.22	17.43		
10	16QAM	1	25	17.33	17.18	17.55	17.22	17.42	18.5	0
10	16QAM	1	49	17.26	17.01	17.57	17.39	17.36		
10	16QAM	25	0	17.41	17.13	17.64	17.23	17.49		
10	16QAM	25	12	17.24	17.09	17.44	17.39	17.38	18.5	0
10	16QAM	25	25	17.30	17.02	17.52	17.42	17.38		
10	16QAM	50	0	17.28	17.10	17.40	17.30	17.33		
10	64QAM	1	0	17.36	17.14	17.53	17.36	17.40		
10	64QAM	1	25	17.30	17.08	17.56	17.26	17.37	18.5	0
10	64QAM	1	49	17.23	17.11	17.57	17.18	17.39		
10	64QAM	25	0	17.39	17.09	17.66	17.31	17.27		
10	64QAM	25	12	17.36	17.15	17.51	17.29	17.38	18.5	0
10	64QAM	25	25	17.36	17.19	17.54	17.22	17.39		
10	64QAM	50	0	17.30	17.03	17.44	17.21	17.37		
10	256QAM	1	0	17.30	17.12	17.62	17.32	17.42		
10	256QAM	1	25	17.40	17.06	17.50	17.27	17.31	18.5	0
10	256QAM	1	49	17.29	17.15	17.49	17.30	17.48		
10	256QAM	25	0	17.40	17.17	17.52	17.30	17.37		
10	256QAM	25	12	17.31	17.08	17.58	17.29	17.31	18.5	0
10	256QAM	25	25	17.39	17.18	17.58	17.30	17.48		
10	256QAM	50	0	17.20	17.08	17.53	17.40	17.48		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.35	17.23	17.41	17.36	17.49		
5	QPSK	1	12	17.42	17.16	17.60	17.44	17.63	18.5	0
5	QPSK	1	24	17.36	17.12	17.43	17.39	17.46		
5	QPSK	12	0	17.30	17.05	17.45	17.39	17.39		
5	QPSK	12	7	17.37	17.23	17.58	17.32	17.46	18.5	0
5	QPSK	12	13	17.45	17.21	17.56	17.39	17.39		
5	QPSK	25	0	17.28	17.07	17.53	17.31	17.33		
5	16QAM	1	0	17.41	17.08	17.59	17.23	17.41		
5	16QAM	1	12	17.33	17.16	17.56	17.35	17.39	18.5	0
5	16QAM	1	24	17.24	17.01	17.48	17.33	17.32		
5	16QAM	12	0	17.38	17.19	17.54	17.32	17.44		
5	16QAM	12	7	17.22	17.12	17.49	17.34	17.34	18.5	0
5	16QAM	12	13	17.25	17.04	17.43	17.31	17.36		
5	16QAM	25	0	17.34	17.17	17.49	17.35	17.37		
5	64QAM	1	0	17.23	17.09	17.58	17.29	17.37		
5	64QAM	1	12	17.32	17.12	17.55	17.26	17.39	18.5	0
5	64QAM	1	24	17.30	17.04	17.49	17.26	17.34		
5	64QAM	12	0	17.40	17.05	17.64	17.24	17.34		
5	64QAM	12	7	17.33	17.06	17.50	17.35	17.36	18.5	0
5	64QAM	12	13	17.41	17.20	17.59	17.38	17.44		
5	64QAM	25	0	17.35	17.11	17.56	17.23	17.45		
5	256QAM	1	0	17.34	17.06	17.67	17.19	17.41		
5	256QAM	1	12	17.26	17.01	17.56	17.30	17.27	18.5	0
5	256QAM	1	24	17.33	17.04	17.50	17.30	17.43		
5	256QAM	12	0	17.45	17.13	17.61	17.40	17.44		
5	256QAM	12	7	17.36	17.00	17.64	17.31	17.36	18.5	0
5	256QAM	12	13	17.33	17.22	17.50	17.31	17.43		
5	256QAM	25	0	17.31	17.05	17.55	17.44	17.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.70	24.67	24.67		
20	PI/2 BPSK	1	53	24.82	24.71	24.82	25.5	0.0
20	PI/2 BPSK	1	104	24.68	24.68	24.65		
20	PI/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	PI/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	PI/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61		
20	QPSK	1	53	24.78	24.83	24.81	25.5	0.0
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.76	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				166500	167300	168500	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.20	20.34	20.04		
20	PI/2 BPSK	1	53	20.14	20.27	20.05	21.0	0.0
20	PI/2 BPSK	1	104	20.11	20.30	20.16		
20	PI/2 BPSK	50	0	20.19	20.34	20.06	21.0	0.0
20	PI/2 BPSK	50	28	20.14	20.28	20.12	21.0	0.0
20	PI/2 BPSK	50	56	20.20	20.35	20.12	21.0	0.0
20	PI/2 BPSK	100	0	20.19	20.37	20.15		
20	QPSK	1	1	20.25	20.31	20.22		
20	QPSK	1	53	20.40	20.46	20.27	21.0	0.0
20	QPSK	1	104	20.31	20.44	20.24		
20	QPSK	50	0	20.14	20.29	20.14	21.0	0.0
20	QPSK	50	28	20.25	20.42	20.18	21.0	0.0
20	QPSK	50	56	20.18	20.33	20.09	21.0	0.0
20	QPSK	100	0	20.13	20.28	20.06		
20	16QAM	1	53	20.11	20.33	20.04	21.0	0.0
20	64QAM	1	53	20.18	20.28	20.11	21.0	0.0
20	256QAM	1	53	20.14	20.38	20.03	21.0	0.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	40	20.33	20.33	20.14	21.0	0.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	26	20.31	20.39	20.22	21.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	13	20.32	20.38	20.16	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46		
50	PI/2 BPSK	1	135	20.56	20.67	20.50	21.5	0.0
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31		
50	QPSK	1	135	20.70	20.73	20.63	21.5	0.0
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.69	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502502	507000	511502	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	13.89	14.12	13.97	15.0	0.0
50	PI/2 BPSK	1	135	13.91	14.05	14.03		
50	PI/2 BPSK	1	268	13.93	14.14	13.96		
50	PI/2 BPSK	135	0	13.94	14.13	14.03	15.0	0.0
50	PI/2 BPSK	135	68	13.91	14.06	14.01	15.0	0.0
50	PI/2 BPSK	135	135	13.95	14.16	14.03	15.0	0.0
50	PI/2 BPSK	270	0	13.82	14.19	13.96		
50	QPSK	1	1	14.04	14.21	14.02	15.0	0.0
50	QPSK	1	135	14.11	14.24	14.06		
50	QPSK	1	268	14.04	14.20	14.01		
50	QPSK	135	0	13.90	14.08	13.89	15.0	0.0
50	QPSK	135	68	13.97	14.20	14.04	15.0	0.0
50	QPSK	135	135	13.96	14.05	13.96	15.0	0.0
50	QPSK	270	0	13.95	14.10	13.99		
50	16QAM	1	135	13.84	14.14	13.99	15.0	0.0
50	64QAM	1	135	13.90	14.18	14.01	15.0	0.0
50	256QAM	1	135	13.94	14.05	13.89	15.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	13.98	14.14	13.94	15.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	14.05	14.20	13.94	15.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	14.04	14.21	14.05	15.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	13.98	14.13	13.99	15.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	14.02	14.13	13.92	15.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	14.09	14.21	13.97	15.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	14.06	14.21	13.95	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.12	23.14	23.08	24.0	0.0
50	PI/2 BPSK	1	135	23.32	23.41	23.30		
50	PI/2 BPSK	1	268	23.13	23.22	23.14		
50	PI/2 BPSK	135	0	22.81	22.93	22.88	23.5	0.5
50	PI/2 BPSK	135	68	23.32	23.41	23.30	24.0	0.0
50	PI/2 BPSK	135	135	23.04	23.09	23.07	23.5	0.5
50	PI/2 BPSK	270	0	22.83	22.91	22.84		
50	QPSK	1	1	22.97	23.08	23.02	24.0	0.0
50	QPSK	1	135	23.32	23.45	23.35		
50	QPSK	1	268	23.01	23.12	23.03		
50	QPSK	135	0	22.30	22.31	22.27	23.0	1.0
50	QPSK	135	68	23.33	23.43	23.41	24.0	0.0
50	QPSK	135	135	22.40	22.45	22.40	23.0	1.0
50	QPSK	270	0	22.35	22.36	22.33		
50	16QAM	1	135	21.80	21.82	21.73	23.0	1.0
50	64QAM	1	135	20.37	20.44	20.41	21.5	2.5
50	256QAM	1	135	18.90	19.00	18.90	19.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	22.87	22.98	22.95	24.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	22.94	23.03	23.01	24.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	22.89	23.05	22.93	24.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	22.95	23.00	22.90	24.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	22.91	22.98	22.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.92	23.03	22.95	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.86	23.04	22.91	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.58	15.62	15.47	16.5	0.0
50	PI/2 BPSK	1	135	15.64	15.54	15.48		
50	PI/2 BPSK	1	268	15.59	15.55	15.49		
50	PI/2 BPSK	135	0	15.58	15.66	15.53	16.5	0.0
50	PI/2 BPSK	135	68	15.54	15.58	15.55	16.5	0.0
50	PI/2 BPSK	135	135	15.55	15.66	15.56	16.5	0.0
50	PI/2 BPSK	270	0	15.54	15.66	15.58		
50	QPSK	1	1	15.75	15.60	15.53	16.5	0.0
50	QPSK	1	135	15.78	15.78	15.62		
50	QPSK	1	268	15.72	15.73	15.52		
50	QPSK	135	0	15.59	15.59	15.58	16.5	0.0
50	QPSK	135	68	15.66	15.68	15.61	16.5	0.0
50	QPSK	135	135	15.65	15.62	15.60	16.5	0.0
50	QPSK	270	0	15.61	15.63	15.56		
50	16QAM	1	135	15.52	15.55	15.55	16.5	0.0
50	64QAM	1	135	15.55	15.61	15.57	16.5	0.0
50	256QAM	1	135	15.61	15.67	15.47	16.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	15.71	15.60	15.56	16.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	15.63	15.73	15.58	16.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	15.65	15.61	15.49	16.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	15.72	15.65	15.50	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	15.66	15.70	15.59	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	15.77	15.67	15.48	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	15.69	15.66	15.51	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.60	20.61	20.54		
40	PI/2 BPSK	1	108	21.15	21.21	21.20	22.0	0.0
40	PI/2 BPSK	1	214	20.55	20.58	20.56		
40	PI/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	PI/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	PI/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	PI/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40		
40	QPSK	1	108	21.14	21.22	21.19	22.0	0.0
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.32	15.60	15.60		
40	PI/2 BPSK	1	108	15.28	15.54	15.55	16.5	0.0
40	PI/2 BPSK	1	214	15.33	15.62	15.56		
40	PI/2 BPSK	108	0	15.31	15.48	15.56	16.5	0.0
40	PI/2 BPSK	108	54	15.32	15.59	15.47	16.5	0.0
40	PI/2 BPSK	108	108	15.34	15.60	15.54	16.5	0.0
40	PI/2 BPSK	216	0	15.39	15.59	15.50		
40	QPSK	1	1	15.44	15.64	15.62		
40	QPSK	1	108	15.57	15.68	15.64	16.5	0.0
40	QPSK	1	214	15.56	15.59	15.59		
40	QPSK	108	0	15.33	15.61	15.48	16.5	0.0
40	QPSK	108	54	15.42	15.63	15.61	16.5	0.0
40	QPSK	108	108	15.37	15.53	15.59	16.5	0.0
40	QPSK	216	0	15.35	15.51	15.48		
40	16QAM	1	108	15.31	15.57	15.57	16.5	0.0
40	64QAM	1	108	15.28	15.52	15.50	16.5	0.0
40	256QAM	1	108	15.38	15.50	15.59	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	15.53	15.63	15.52	16.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	15.45	15.54	15.55	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	15.51	15.57	15.56	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	15.51	15.59	15.49	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	15.52	15.53	15.59	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.23	23.24	23.21	24.2	0.0
40	Pi/2 BPSK	1	108	23.74	23.78	23.72		
40	Pi/2 BPSK	1	214	23.22	23.23	23.20		
40	Pi/2 BPSK	108	0	22.94	23.03	22.97	23.7	0.5
40	Pi/2 BPSK	108	54	23.68	23.80	23.75	24.2	0.0
40	Pi/2 BPSK	108	108	23.01	23.11	23.07	23.7	0.5
40	Pi/2 BPSK	216	0	23.09	23.16	23.12		
40	QPSK	1	1	23.06	23.18	23.17	24.2	0.0
40	QPSK	1	108	23.76	23.81	23.80		
40	QPSK	1	214	23.19	23.22	23.21		
40	QPSK	108	0	22.43	22.47	22.46	23.2	1.0
40	QPSK	108	54	23.72	23.76	23.72	24.2	0.0
40	QPSK	108	108	22.50	22.57	22.51	23.2	1.0
40	QPSK	216	0	22.48	22.53	22.41		
40	16QAM	1	108	22.62	22.71	22.64	23.2	1.0
40	64QAM	1	108	21.25	21.26	21.27	21.7	2.5
40	256QAM	1	108	19.46	19.52	19.43	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.46	23.62	23.65	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	23.52	23.68	23.52	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	23.71	23.68	23.67	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.51	23.80	23.77	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.52	23.59	23.66	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	19.25	19.53	19.46	20.7	0.0
40	Pi/2 BPSK	1	108	19.19	19.54	19.44		
40	Pi/2 BPSK	1	214	19.20	19.47	19.35		
40	Pi/2 BPSK	108	0	19.22	19.52	19.46	20.7	0.0
40	Pi/2 BPSK	108	54	19.27	19.42	19.44	20.7	0.0
40	Pi/2 BPSK	108	108	19.25	19.47	19.39	20.7	0.0
40	Pi/2 BPSK	216	0	19.25	19.49	19.40		
40	QPSK	1	1	19.37	19.45	19.56	20.7	0.0
40	QPSK	1	108	19.45	19.60	19.58		
40	QPSK	1	214	19.44	19.49	19.54		
40	QPSK	108	0	19.29	19.46	19.36	20.7	0.0
40	QPSK	108	54	19.30	19.57	19.47	20.7	0.0
40	QPSK	108	108	19.18	19.53	19.46	20.7	0.0
40	QPSK	216	0	19.15	19.49	19.32		
40	16QAM	1	108	19.23	19.43	19.41	20.7	0.0
40	64QAM	1	108	19.16	19.43	19.35	20.7	0.0
40	256QAM	1	108	18.25	18.54	18.42	19.7	1.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	19.42	19.55	19.49	20.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	19.35	19.54	19.46	20.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	19.30	19.45	19.57	20.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	19.38	19.57	19.51	20.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	19.42	19.52	19.51	20.7	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27		
40	PI/2 BPSK	1	53	20.91	20.93	20.90	21.5	0.0
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12		
40	QPSK	1	53	20.88	20.98	20.88	21.5	0.0
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55		
40	QPSK	50	28	20.48	20.48	20.44	21.5	0.0
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.62	15.83	15.56		
40	PI/2 BPSK	1	53	15.54	15.80	15.47	16.5	0.0
40	PI/2 BPSK	1	104	15.63	15.78	15.50		
40	PI/2 BPSK	50	0	15.56	15.71	15.48	16.5	0.0
40	PI/2 BPSK	50	28	15.58	15.82	15.47	16.5	0.0
40	PI/2 BPSK	50	56	15.61	15.80	15.52	16.5	0.0
40	PI/2 BPSK	100	0	15.54	15.77	15.49		
40	QPSK	1	1	15.62	15.89	15.70		
40	QPSK	1	53	15.69	15.94	15.71	16.5	0.0
40	QPSK	1	104	15.59	15.85	15.69		
40	QPSK	50	0	15.49	15.72	15.51		
40	QPSK	50	28	15.64	15.85	15.60	16.5	0.0
40	QPSK	50	56	15.61	15.82	15.53		
40	QPSK	100	0	15.50	15.74	15.48	16.5	0.0
40	16QAM	1	53	15.60	15.73	15.47	16.5	0.0
40	64QAM	1	53	15.63	15.78	15.59	16.5	0.0
40	256QAM	1	53	15.53	15.72	15.49	16.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	15.64	15.88	15.68	16.5	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	15.62	15.91	15.61	16.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.80	22.86	22.74		
40	PI/2 BPSK	1	53	23.43	23.46	23.45	24.0	0.0
40	PI/2 BPSK	1	104	22.91	23.02	23.00		
40	PI/2 BPSK	50	0	22.57	22.60	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.04	23.12	23.11	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.64	22.59	23.5	0.5
40	PI/2 BPSK	100	0	22.63	22.66	22.58		
40	QPSK	1	1	22.70	22.75	22.70		
40	QPSK	1	53	23.35	23.49	23.45	24.0	0.0
40	QPSK	1	104	22.87	22.92	22.82		
40	QPSK	50	0	22.05	22.01	22.04		
40	QPSK	50	28	22.97	23.01	23.00	24.0	0.0
40	QPSK	50	56	22.17	22.04	22.07		
40	QPSK	100	0	21.95	22.02	21.97	23.0	1.0
40	16QAM	1	53	22.23	22.27	22.22	23.0	1.0
40	64QAM	1	53	20.81	20.82	20.77	21.5	2.5
40	256QAM	1	53	19.42	19.43	19.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	22.65	22.74	22.60	24.0	0.0
Channel				516002	519002	522002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	22.64	22.70	22.59	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2593.02	2595	2596.98		
40	PI/2 BPSK	1	1	16.21	16.42	16.22		
40	PI/2 BPSK	1	53	16.13	16.37	16.14	17.0	0.0
40	PI/2 BPSK	1	104	16.23	16.28	16.21		
40	PI/2 BPSK	50	0	16.12	16.35	16.21	17.0	0.0
40	PI/2 BPSK	50	28	16.19	16.41	16.14	17.0	0.0
40	PI/2 BPSK	50	56	16.15	16.36	16.21	17.0	0.0
40	PI/2 BPSK	100	0	16.23	16.31	16.16		
40	QPSK	1	1	16.27	16.44	16.30	17.0	0.0
40	QPSK	1	53	16.32	16.47	16.32		
40	QPSK	1	104	16.20	16.33	16.18		
40	QPSK	50	0	16.09	16.35	16.16	17.0	0.0
40	QPSK	50	28	16.24	16.43	16.24		
40	QPSK	50	56	16.17	16.35	16.13	17.0	0.0
40	QPSK	100	0	16.12	16.32	16.16	17.0	0.0
40	16QAM	1	53	16.23	16.42	16.14	17.0	0.0
40	64QAM	1	53	16.09	16.37	16.12	17.0	0.0
40	256QAM	1	53	16.19	16.35	16.17	17.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	16.29	16.38	16.24	17.0	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	16.26	16.37	16.29	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62		
100	PI/2 BPSK	1	137	20.89	20.94	20.79	21.5	0.0
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57	21.5	0.0
100	QPSK	1	137	20.75	21.00	20.87		
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56	21.5	0.0
100	QPSK	135	69	20.81	20.66	20.51		
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.75	20.73	20.71	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	109	20.75	20.88	20.72	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.71	20.73	20.77	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	67	20.72	20.80	20.78	21.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.75	20.83	20.77	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.70	20.78	20.77	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	20.70	20.83	20.73	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.76	15.91	15.68		
100	PI/2 BPSK	1	137	15.76	15.94	15.60	16.5	0.0
100	PI/2 BPSK	1	271	15.81	15.93	15.61		
100	PI/2 BPSK	135	0	15.73	15.91	15.68	16.5	0.0
100	PI/2 BPSK	135	69	15.76	15.90	15.64	16.5	0.0
100	PI/2 BPSK	135	138	15.82	15.83	15.59	16.5	0.0
100	PI/2 BPSK	270	0	15.85	15.85	15.62		
100	QPSK	1	1	15.88	15.85	15.79	16.5	0.0
100	QPSK	1	137	15.89	15.97	15.86		
100	QPSK	1	271	15.80	15.85	15.79		
100	QPSK	135	0	15.86	15.84	15.68	16.5	0.0
100	QPSK	135	69	15.88	15.95	15.73		
100	QPSK	135	138	15.82	15.94	15.59		
100	QPSK	270	0	15.75	15.85	15.65	16.5	0.0
100	16QAM	1	137	15.80	15.94	15.67	16.5	0.0
100	64QAM	1	137	15.78	15.93	15.70	16.5	0.0
100	256QAM	1	137	15.78	15.82	15.58	16.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	15.85	15.94	15.78	16.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	15.75	15.82	15.78	16.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	15.87	15.85	15.75	16.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	15.77	15.93	15.74	16.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	15.85	15.86	15.74	16.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	15.88	15.88	15.79	16.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	15.75	15.95	15.78	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.20	22.26	22.17		
100	PI/2 BPSK	1	137	23.41	23.52	23.49	24.0	0.0
100	PI/2 BPSK	1	271	22.22	22.33	22.26		
100	PI/2 BPSK	135	0	22.46	22.58	22.49	23.5	0.5
100	PI/2 BPSK	135	69	23.38	23.48	23.44	24.0	0.0
100	PI/2 BPSK	135	138	22.49	22.59	22.50	23.5	0.5
100	PI/2 BPSK	270	0	22.52	22.60	22.50		
100	QPSK	1	1	22.25	22.29	22.22		
100	QPSK	1	137	23.46	23.54	23.37	24.0	0.0
100	QPSK	1	271	22.36	22.38	22.37		
100	QPSK	135	0	22.60	22.61	22.60		
100	QPSK	135	69	23.30	23.46	23.26	24.0	0.0
100	QPSK	135	138	22.54	22.60	22.58		
100	QPSK	270	0	22.45	22.48	22.37	23.0	1.0
100	16QAM	1	137	22.22	22.27	22.19	23.0	1.0
100	64QAM	1	137	20.61	20.65	20.59	21.5	2.5
100	256QAM	1	137	19.18	19.21	19.12	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	23.05	23.07	23.05	24.0	0.0
Channel				507204	518598	529908	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.08	23.11	23.02	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.05	23.15	23.00	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.05	23.18	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.04	23.11	23.08	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.06	23.13	23.08	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	23.12	23.15	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.29	16.35	16.09		
100	PI/2 BPSK	1	137	16.26	16.27	16.14	17.0	0.0
100	PI/2 BPSK	1	271	16.28	16.36	16.08		
100	PI/2 BPSK	135	0	16.30	16.30	16.17	17.0	0.0
100	PI/2 BPSK	135	69	16.27	16.28	16.13	17.0	0.0
100	PI/2 BPSK	135	138	16.22	16.37	16.14	17.0	0.0
100	PI/2 BPSK	270	0	16.36	16.33	16.03		
100	QPSK	1	1	16.29	16.39	16.17		
100	QPSK	1	137	16.40	16.46	16.24	17.0	0.0
100	QPSK	1	271	16.28	16.43	16.21		
100	QPSK	135	0	16.23	16.34	16.13		
100	QPSK	135	69	16.37	16.40	16.16	17.0	0.0
100	QPSK	135	138	16.26	16.31	16.12		
100	QPSK	270	0	16.23	16.39	16.17	17.0	0.0
100	16QAM	1	137	16.22	16.27	16.10	17.0	0.0
100	64QAM	1	137	16.27	16.29	16.08	17.0	0.0
100	256QAM	1	137	16.31	16.26	16.03	17.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	16.30	16.37	16.23	17.0	0.0
Channel				507204	518598	529908	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	16.26	16.37	16.09	17.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	16.29	16.41	16.13	17.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	16.31	16.34	16.18	17.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	16.31	16.36	16.20	17.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	16.25	16.43	16.13	17.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	16.25	16.41	16.09	17.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.91			
100	PI/2 BPSK	1	137		16.88		17.5	0.0
100	PI/2 BPSK	1	271		16.87			
100	PI/2 BPSK	135	0		16.89		17.5	0.0
100	PI/2 BPSK	135	69		16.93		17.5	0.0
100	PI/2 BPSK	135	138		16.89		17.5	0.0
100	PI/2 BPSK	270	0		16.93			
100	QPSK	1	1		16.91			
100	QPSK	1	137		16.94		17.5	0.0
100	QPSK	1	271		16.91			
100	QPSK	135	0		16.83			
100	QPSK	135	69		16.89		17.5	0.0
100	QPSK	135	138		16.80			
100	QPSK	270	0		16.83		17.5	0.0
100	16QAM	1	137		16.89		17.5	0.0
100	64QAM	1	137		16.90		17.5	0.0
100	256QAM	1	137		16.88		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.86	16.89	16.81	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.83	16.89	16.80	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3519.99		
70	QPSK	1	95	16.80	16.84	16.80	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
60	QPSK	1	81	16.79	16.87	16.81	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
50	QPSK	1	67	16.82	16.90	16.82	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
40	QPSK	1	53	16.84	16.85	16.78	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	16.85	16.87	16.76	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.82	16.87	16.76	17.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.32			
100	PI/2 BPSK	1	137		20.29		20.5	0.0
100	PI/2 BPSK	1	271		20.31			
100	PI/2 BPSK	135	0		20.32		20.5	0.0
100	PI/2 BPSK	135	69		20.27		20.5	0.0
100	PI/2 BPSK	135	138		20.28		20.5	0.0
100	PI/2 BPSK	270	0		20.28			
100	QPSK	1	1		20.26			
100	QPSK	1	137		20.36		20.5	0.0
100	QPSK	1	271		20.33			
100	QPSK	135	0		20.20			
100	QPSK	135	69		20.23		20.5	0.0
100	QPSK	135	138		20.15			
100	QPSK	270	0		20.18		20.5	0.0
100	16QAM	1	137		20.25		20.5	0.0
100	64QAM	1	137		20.18		20.5	0.0
100	256QAM	1	137		20.15		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.25	20.26	20.20	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.20	20.32	20.15	20.5	0.0
Channel				632234	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.24	20.31	20.23	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.22	20.27	20.23	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.28	20.34	20.20	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.22	20.26	20.18	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.22	20.33	20.20	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.26	20.35	20.19	20.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.44			
100	PI/2 BPSK	1	137		16.42		17.5	0.0
100	PI/2 BPSK	1	271		16.45			
100	PI/2 BPSK	135	0		16.41		17.5	0.0
100	PI/2 BPSK	135	69		16.42		17.5	0.0
100	PI/2 BPSK	135	138		16.46		17.5	0.0
100	PI/2 BPSK	270	0		16.46			
100	QPSK	1	1		16.47			
100	QPSK	1	137		16.52		17.5	0.0
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.43			
100	QPSK	135	69		16.47		17.5	0.0
100	QPSK	135	138		16.40			
100	QPSK	270	0		16.43		17.5	0.0
100	16QAM	1	137		16.44		17.5	0.0
100	64QAM	1	137		16.45		17.5	0.0
100	256QAM	1	137		16.42		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	16.42	16.44	16.32	17.5	0.0
Channel				649334	650002	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	16.46	16.41	16.34	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	16.49	16.47	16.38	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	16.42	16.44	16.38	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	16.41	16.47	16.39	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.46	16.51	16.31	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	16.38	16.44	16.39	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	16.43	16.44	16.33	17.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.82		20.5	0.0
100	PI/2 BPSK	1	137		19.90			
100	PI/2 BPSK	1	271		19.88			
100	PI/2 BPSK	135	0		19.87		20.5	0.0
100	PI/2 BPSK	135	69		19.90		20.5	0.0
100	PI/2 BPSK	135	138		19.83		20.5	0.0
100	PI/2 BPSK	270	0		19.89			
100	QPSK	1	1		19.86		20.5	0.0
100	QPSK	1	137		19.93			
100	QPSK	1	271		19.90			
100	QPSK	135	0		19.80		20.5	0.0
100	QPSK	135	69		19.84			
100	QPSK	135	138		19.75			
100	QPSK	270	0		19.78		20.5	0.0
100	16QAM	1	137		19.82		20.5	0.0
100	64QAM	1	137		19.73		20.5	0.0
100	256QAM	1	137		19.78		20.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.77	19.86	19.77	20.5	0.0
Channel				640334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.82	19.81	19.81	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.84	19.91	19.80	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.81	19.86	19.76	20.5	0.0
Channel				640334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.79	19.88	19.83	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.83	19.85	19.80	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.80	19.88	19.75	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.80	19.89	19.79	20.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.03		12.0	0.0
100	PI/2 BPSK	1	137		10.99			
100	PI/2 BPSK	1	271		11.03			
100	PI/2 BPSK	135	0		11.01		12.0	0.0
100	PI/2 BPSK	135	69		11.05		12.0	0.0
100	PI/2 BPSK	135	138		11.03		12.0	0.0
100	PI/2 BPSK	270	0		11.02			
100	QPSK	1	1		11.07		12.0	0.0
100	QPSK	1	137		11.09			
100	QPSK	1	271		11.05			
100	QPSK	135	0		11.02		12.0	0.0
100	QPSK	135	69		11.03			
100	QPSK	135	138		11.00			
100	QPSK	270	0		10.97		12.0	0.0
100	16QAM	1	137		11.02		12.0	0.0
100	64QAM	1	137		10.95		12.0	0.0
100	256QAM	1	137		10.98		12.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	11.00	11.03	10.90	12.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	10.92	10.99	10.94	12.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	10.97	11.04	10.97	12.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	10.97	11.01	10.98	12.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	10.93	11.02	10.97	12.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	10.99	11.04	10.95	12.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	11.01	11.01	10.94	12.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	10.99	11.01	10.93	12.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.85		15.0	0.0
100	PI/2 BPSK	1	137		14.86			
100	PI/2 BPSK	1	271		14.84			
100	PI/2 BPSK	135	0		14.94		15.0	0.0
100	PI/2 BPSK	135	69		14.86		15.0	0.0
100	PI/2 BPSK	135	138		14.84		15.0	0.0
100	PI/2 BPSK	270	0		14.89			
100	QPSK	1	1		14.90		15.0	0.0
100	QPSK	1	137		14.95			
100	QPSK	1	271		14.92			
100	QPSK	135	0		14.89		15.0	0.0
100	QPSK	135	69		14.93			
100	QPSK	135	138		14.80			
100	QPSK	270	0		14.90		15.0	0.0
100	16QAM	1	137		14.85		15.0	0.0
100	64QAM	1	137		14.91		15.0	0.0
100	256QAM	1	137		14.85		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.84	14.89	14.86	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.86	14.84	14.82	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.85	14.90	14.76	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.79	14.88	14.75	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.86	14.93	14.75	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.87	14.93	14.83	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.81	14.91	14.76	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.85	14.90	14.82	15.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/ Special Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		10.97		12.0	0.0
100	PI/2 BPSK	1	137		10.98			
100	PI/2 BPSK	1	271		10.95			
100	PI/2 BPSK	135	0		10.97		12.0	0.0
100	PI/2 BPSK	135	69		10.98		12.0	0.0
100	PI/2 BPSK	135	138		10.97		12.0	0.0
100	PI/2 BPSK	270	0		10.97			
100	QPSK	1	1		10.95		12.0	0.0
100	QPSK	1	137		11.03			
100	QPSK	1	271		11.00			
100	QPSK	135	0		10.95		12.0	0.0
100	QPSK	135	69		10.97			
100	QPSK	135	138		10.90			
100	QPSK	270	0		10.93		12.0	0.0
100	16QAM	1	137		10.89		12.0	0.0
100	64QAM	1	137		10.85		12.0	0.0
100	256QAM	1	137		10.87		12.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	10.95	10.98	10.95	12.0	0.0
Channel				640334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	10.96	10.96	10.88	12.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	10.92	11.02	10.93	12.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	10.94	11.00	10.95	12.0	0.0
Channel				640334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	10.90	10.99	10.87	12.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	10.94	10.98	10.88	12.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	10.91	11.00	10.87	12.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	10.92	10.98	10.89	12.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/ Special Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.89		15.0	0.0
100	PI/2 BPSK	1	137		14.90			
100	PI/2 BPSK	1	271		14.92			
100	PI/2 BPSK	135	0		14.90		15.0	0.0
100	PI/2 BPSK	135	69		14.91		15.0	0.0
100	PI/2 BPSK	135	138		14.90		15.0	0.0
100	PI/2 BPSK	270	0		14.90			
100	QPSK	1	1		14.91		15.0	0.0
100	QPSK	1	137		14.94			
100	QPSK	1	271		14.92			
100	QPSK	135	0		14.85		15.0	0.0
100	QPSK	135	69		14.90			
100	QPSK	135	138		14.83			
100	QPSK	270	0		14.85		15.0	0.0
100	16QAM	1	137		14.90		15.0	0.0
100	64QAM	1	137		14.88		15.0	0.0
100	256QAM	1	137		14.92		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	14.81	14.88	14.76	15.0	0.0
Channel				640334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	14.83	14.89	14.82	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	14.85	14.85	14.83	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.85	14.85	14.80	15.0	0.0
Channel				640334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	14.81	14.84	14.77	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	14.90	14.89	14.82	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	14.86	14.91	14.77	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	14.84	14.89	14.82	15.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/ Special Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.29		13.3	0.0
100	PI/2 BPSK	1	137		12.30			
100	PI/2 BPSK	1	271		12.29			
100	PI/2 BPSK	135	0		12.28		13.3	0.0
100	PI/2 BPSK	135	69		12.31		13.3	0.0
100	PI/2 BPSK	135	138		12.30		13.3	0.0
100	PI/2 BPSK	270	0		12.30			
100	QPSK	1	1		12.23		13.3	0.0
100	QPSK	1	137		12.34			
100	QPSK	1	271		12.31			
100	QPSK	135	0		12.25		13.3	0.0
100	QPSK	135	69		12.28			
100	QPSK	135	138		12.20			
100	QPSK	270	0		12.23		13.3	0.0
100	16QAM	1	137		12.28		13.3	0.0
100	64QAM	1	137		12.22		13.3	0.0
100	256QAM	1	137		12.29		13.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	12.19	12.22	12.20	13.3	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	12.17	12.22	12.19	13.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	12.27	12.24	12.15	13.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	12.22	12.29	12.15	13.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	12.19	12.23	12.17	13.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	12.25	12.24	12.12	13.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	12.25	12.33	12.14	13.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	12.23	12.31	12.18	13.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.32			
100	PI/2 BPSK	1	137		15.29		16.3	0.0
100	PI/2 BPSK	1	271		15.26			
100	PI/2 BPSK	135	0		15.31		16.3	0.0
100	PI/2 BPSK	135	69		15.32		16.3	0.0
100	PI/2 BPSK	135	138		15.32		16.3	0.0
100	PI/2 BPSK	270	0		15.28			
100	QPSK	1	1		15.27			
100	QPSK	1	137		15.35		16.3	0.0
100	QPSK	1	271		15.26			
100	QPSK	135	0		15.22			
100	QPSK	135	69		15.28		16.3	0.0
100	QPSK	135	138		15.20			
100	QPSK	270	0		15.23		16.3	0.0
100	16QAM	1	137		15.27		16.3	0.0
100	64QAM	1	137		15.27		16.3	0.0
100	256QAM	1	137		15.33		16.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	15.25	15.29	15.21	16.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.28	15.29	15.24	16.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	15.25	15.27	15.28	16.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	15.25	15.31	15.26	16.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	15.21	15.33	15.23	16.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	15.24	15.28	15.26	16.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	15.26	15.34	15.26	16.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.29	15.31	15.22	16.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.24			
100	PI/2 BPSK	1	137		12.25		13.3	0.0
100	PI/2 BPSK	1	271		12.29			
100	PI/2 BPSK	135	0		12.21		13.3	0.0
100	PI/2 BPSK	135	69		12.25		13.3	0.0
100	PI/2 BPSK	135	138		12.26		13.3	0.0
100	PI/2 BPSK	270	0		12.23			
100	QPSK	1	1		12.27			
100	QPSK	1	137		12.32		13.3	0.0
100	QPSK	1	271		12.27			
100	QPSK	135	0		12.25			
100	QPSK	135	69		12.28		13.3	0.0
100	QPSK	135	138		12.21			
100	QPSK	270	0		12.23		13.3	0.0
100	16QAM	1	137		12.24		13.3	0.0
100	64QAM	1	137		12.25		13.3	0.0
100	256QAM	1	137		12.28		13.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	12.21	12.29	12.25	13.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	12.21	12.27	12.21	13.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	12.26	12.31	12.25	13.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	12.23	12.29	12.17	13.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	12.26	12.30	12.18	13.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	12.25	12.31	12.21	13.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	12.22	12.25	12.20	13.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	12.18	12.27	12.19	13.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.23			
100	PI/2 BPSK	1	137		15.21		16.3	0.0
100	PI/2 BPSK	1	271		15.25			
100	PI/2 BPSK	135	0		15.24		16.3	0.0
100	PI/2 BPSK	135	69		15.31		16.3	0.0
100	PI/2 BPSK	135	138		15.26		16.3	0.0
100	PI/2 BPSK	270	0		15.29			
100	QPSK	1	1		15.28			
100	QPSK	1	137		15.32		16.3	0.0
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.23			
100	QPSK	135	69		15.26		16.3	0.0
100	QPSK	135	138		15.20			
100	QPSK	270	0		15.21		16.3	0.0
100	16QAM	1	137		15.28		16.3	0.0
100	64QAM	1	137		15.31		16.3	0.0
100	256QAM	1	137		15.29		16.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.22	15.24	15.22	16.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.22	15.28	15.16	16.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.22	15.28	15.19	16.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.19	15.31	15.20	16.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.16	15.29	15.14	16.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.24	15.27	15.22	16.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.23	15.25	15.18	16.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.26	15.25	15.14	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.16			
100	PI/2 BPSK	1	137		14.21		15.0	0.0
100	PI/2 BPSK	1	271		14.18			
100	PI/2 BPSK	135	0		14.17		15.0	0.0
100	PI/2 BPSK	135	69		14.17		15.0	0.0
100	PI/2 BPSK	135	138		14.16		15.0	0.0
100	PI/2 BPSK	270	0		14.22			
100	QPSK	1	1		14.15			
100	QPSK	1	137		14.25		15.0	0.0
100	QPSK	1	271		14.21			
100	QPSK	135	0		14.18			
100	QPSK	135	69		14.22		15.0	0.0
100	QPSK	135	138		14.15			
100	QPSK	270	0		14.19		15.0	0.0
100	16QAM	1	137		14.19		15.0	0.0
100	64QAM	1	137		14.18		15.0	0.0
100	256QAM	1	137		14.16		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.16	14.20	14.18	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.11	14.22	14.11	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.13	14.20	14.13	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.16	14.18	14.14	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.19	14.22	14.16	15.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.18	14.21	14.14	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.18	14.15	14.13	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.22	14.21	14.16	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.67			
100	PI/2 BPSK	1	137		17.63		18.0	0.0
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.69		18.0	0.0
100	PI/2 BPSK	135	69		17.66		18.0	0.0
100	PI/2 BPSK	135	138		17.71		18.0	0.0
100	PI/2 BPSK	270	0		17.67			
100	QPSK	1	1		17.66			
100	QPSK	1	137		17.72		18.0	0.0
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.62			
100	QPSK	135	69		17.67		18.0	0.0
100	QPSK	135	138		17.58			
100	QPSK	270	0		17.63		18.0	0.0
100	16QAM	1	137		17.62		18.0	0.0
100	64QAM	1	137		17.65		18.0	0.0
100	256QAM	1	137		17.63		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.63	17.66	17.63	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.58	17.67	17.53	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	17.62	17.66	17.62	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.56	17.69	17.57	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.64	17.68	17.60	18.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.68	17.64	17.57	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.63	17.67	17.53	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.65	17.64	17.62	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		14.01		15.0	0.0
100	Pi/2 BPSK	1	137		14.03			
100	Pi/2 BPSK	1	271		14.00			
100	Pi/2 BPSK	135	0		13.96		15.0	0.0
100	Pi/2 BPSK	135	69		14.02		15.0	0.0
100	Pi/2 BPSK	135	138		13.95		15.0	0.0
100	Pi/2 BPSK	270	0		13.96			
100	QPSK	1	1		14.01		15.0	0.0
100	QPSK	1	137		14.05			
100	QPSK	1	271		13.98			
100	QPSK	135	0		13.95		15.0	0.0
100	QPSK	135	69		13.97			
100	QPSK	135	138		13.91			
100	QPSK	270	0		13.95		15.0	0.0
100	16QAM	1	137		13.98		15.0	0.0
100	64QAM	1	137		13.98		15.0	0.0
100	256QAM	1	137		13.97		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	13.96	14.01	13.90	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	13.97	14.03	13.90	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	13.99	13.99	13.96	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.00	13.96	13.88	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	13.94	14.01	13.92	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	13.99	14.02	13.97	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	13.94	14.01	13.89	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	13.98	14.02	13.94	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		17.49		18.0	0.0
100	Pi/2 BPSK	1	137		17.43			
100	Pi/2 BPSK	1	271		17.43			
100	Pi/2 BPSK	135	0		17.42		18.0	0.0
100	Pi/2 BPSK	135	69		17.50		18.0	0.0
100	Pi/2 BPSK	135	138		17.48		18.0	0.0
100	Pi/2 BPSK	270	0		17.47			
100	QPSK	1	1		17.45		18.0	0.0
100	QPSK	1	137		17.52			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.38		18.0	0.0
100	QPSK	135	69		17.48			
100	QPSK	135	138		17.42			
100	QPSK	270	0		17.45		18.0	0.0
100	16QAM	1	137		17.45		18.0	0.0
100	64QAM	1	137		17.48		18.0	0.0
100	256QAM	1	137		17.42		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	17.38	17.47	17.32	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	17.43	17.47	17.42	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.42	17.46	17.37	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	17.44	17.50	17.37	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	17.44	17.50	17.41	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.41	17.48	17.34	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	17.43	17.51	17.37	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	17.38	17.47	17.39	18.0	0.0

Reduced Power Mode for DSI1 ENDC

Band 2 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45		
20	QPSK	1	49	22.53	22.61	22.46	23	0
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38		
20	QPSK	50	24	21.46	21.54	21.39	22	1
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39		
20	16QAM	1	49	21.50	21.51	21.49	22	1
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50		
20	16QAM	50	24	20.66	20.68	20.56	21	2
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54		
20	64QAM	1	49	20.72	20.74	20.66	21	2
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57		
20	64QAM	50	24	19.57	19.66	19.64	20	3
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.48	17.45		
20	256QAM	1	49	17.51	17.62	17.60	18	5
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55		
20	256QAM	50	24	17.55	17.63	17.58	18	5
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36		
15	QPSK	1	37	22.49	22.53	22.40	23	0
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.39	21.51	21.40		
15	QPSK	36	20	21.36	21.40	21.36	22	1
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.32	21.32	21.32		
15	16QAM	1	37	21.59	21.58	21.40	22	1
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47		
15	16QAM	36	20	20.60	20.60	20.53	21	2
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47		
15	64QAM	1	37	20.65	20.71	20.58	21	2
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50		
15	64QAM	36	20	19.51	19.63	19.56	20	3
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41		
15	256QAM	1	37	17.49	17.55	17.54	18	5
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.47	17.48		
15	256QAM	36	20	17.49	17.56	17.46	18	5
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41		
10	QPSK	1	25	22.49	22.55	22.37	23	0
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32		
10	QPSK	25	12	21.45	21.50	21.30	22	1
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.46	21.46	21.36		
10	16QAM	1	25	21.56	21.57	21.41	22	1
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45		
10	16QAM	25	12	20.66	20.64	20.53	21	2
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49		
10	64QAM	1	25	20.63	20.62	20.52	21	2
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55		
10	64QAM	25	12	19.55	19.56	19.60	20	3
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42		
10	256QAM	1	25	17.45	17.62	17.60	18	5
10	256QAM	1	49	17.30	17.22	17.22		
10	256QAM	25	0	17.44	17.53	17.50		
10	256QAM	25	12	17.49	17.56	17.53	18	5
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.56	17.47		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44		
5	QPSK	1	12	22.49	22.55	22.35	23	0
5	QPSK	1	24	22.31	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31		
5	QPSK	12	7	21.41	21.43	21.36	22	1
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.35	21.35		
5	16QAM	1	12	21.58	21.56	21.42	22	1
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46		
5	16QAM	12	7	20.65	20.62	20.45	21	2
5	16QAM	12	13	20.57	20.59	20.44		
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50		
5	64QAM	1	12	20.64	20.63	20.63	21	2
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52		
5	64QAM	12	7	19.52	19.58	19.58	20	3
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43		
5	256QAM	1	12	17.46	17.59	17.55	18	5
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51		
5	256QAM	12	7	17.47	17.59	17.51	18	5
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43		
3	QPSK	1	8	22.52	22.56	22.44	23	0
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34		
3	QPSK	8	4	21.39	21.47	21.30	22	1
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.38	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.30		
3	16QAM	1	8	21.61	21.59	21.41	22	1
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47		
3	16QAM	8	4	20.60	20.63	20.53	21	2
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48		
3	64QAM	1	8	20.63	20.63	20.63	21	2
3	64QAM	1	14	20.48	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57		
3	64QAM	8	4	19.51	19.61	19.59	20	3
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41		
3	256QAM	1	8	17.41	17.58	17.58	18	5
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51		
3	256QAM	8	4	17.51	17.55	17.54	18	5
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35		
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20	23	0
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	1	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39		
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23	22	1
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.50	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.66	20.57	20.51		
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42	21	2
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44		
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33	18	5
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.42	24.46	24.32		
20	QPSK	1	49	24.47	24.51	24.34	25	0
20	QPSK	1	99	24.23	24.28	24.11		
20	QPSK	50	0	23.30	23.38	23.23		
20	QPSK	50	24	23.30	23.43	23.31	24	1
20	QPSK	50	50	23.27	23.33	23.19		
20	QPSK	100	0	23.32	23.38	23.24		
20	16QAM	1	0	23.32	23.41	23.29		
20	16QAM	1	49	23.37	23.45	23.41	24	1
20	16QAM	1	99	23.27	23.34	23.17		
20	16QAM	50	0	22.42	22.52	22.35		
20	16QAM	50	24	22.44	22.55	22.41	23	2
20	16QAM	50	50	22.35	22.48	22.33		
20	16QAM	100	0	22.41	22.56	22.44		
20	64QAM	1	0	22.42	22.56	22.47		
20	64QAM	1	49	22.52	22.66	22.57	23	2
20	64QAM	1	99	22.31	22.45	22.36		
20	64QAM	50	0	21.40	21.51	21.46		
20	64QAM	50	24	21.48	21.56	21.55	22	3
20	64QAM	50	50	21.43	21.50	21.45		
20	64QAM	100	0	21.46	21.48	21.46		
20	256QAM	1	0	19.28	19.35	19.31		
20	256QAM	1	49	19.40	19.51	19.49	20	5
20	256QAM	1	99	19.23	19.30	19.27		
20	256QAM	50	0	19.37	19.46	19.44		
20	256QAM	50	24	19.43	19.50	19.49	20	5
20	256QAM	50	50	19.40	19.48	19.43		
20	256QAM	100	0	19.36	19.43	19.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.32	24.40	24.24		
15	QPSK	1	37	24.44	24.43	24.30	25	0
15	QPSK	1	74	24.20	24.25	24.04		
15	QPSK	36	0	23.20	23.27	23.21		
15	QPSK	36	20	23.31	23.32	23.25	24	1
15	QPSK	36	39	23.17	23.24	23.17		
15	QPSK	75	0	23.22	23.32	23.25		
15	16QAM	1	0	23.27	23.33	23.23		
15	16QAM	1	37	23.37	23.55	23.34	24	1
15	16QAM	1	74	23.22	23.29	23.16		
15	16QAM	36	0	22.37	22.45	22.30		
15	16QAM	36	20	22.39	22.51	22.38	23	2
15	16QAM	36	39	22.26	22.39	22.23		
15	16QAM	75	0	22.33	22.47	22.32		
15	64QAM	1	0	22.38	22.54	22.48		
15	64QAM	1	37	22.46	22.62	22.47	23	2
15	64QAM	1	74	22.25	22.40	22.31		
15	64QAM	36	0	21.34	21.47	21.41		
15	64QAM	36	20	21.44	21.51	21.51	22	3
15	64QAM	36	39	21.33	21.44	21.40		
15	64QAM	75	0	21.39	21.43	21.37		
15	256QAM	1	0	19.23	19.29	19.25		
15	256QAM	1	37	19.36	19.44	19.40	20	5
15	256QAM	1	74	19.20	19.21	19.20		
15	256QAM	36	0	19.32	19.37	19.37		
15	256QAM	36	20	19.32	19.41	19.43	20	5
15	256QAM	36	39	19.34	19.42	19.38		
15	256QAM	75	0	19.30	19.35	19.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.42	24.39	24.32		
10	QPSK	1	25	24.48	24.46	24.26	25	0
10	QPSK	1	49	24.14	24.26	24.10		
10	QPSK	25	0	23.26	23.31	23.16		
10	QPSK	25	12	23.31	23.40	23.27	24	1
10	QPSK	25	25	23.24	23.23	23.14		
10	QPSK	50	0	23.29	23.32	23.22		
10	16QAM	1	0	23.26	23.36	23.21		
10	16QAM	1	25	23.42	23.51	23.37	24	1
10	16QAM	1	49	23.24	23.32	23.13		
10	16QAM	25	0	22.39	22.45	22.23		
10	16QAM	25	12	22.38	22.54	22.31	23	2
10	16QAM	25	25	22.28	22.42	22.28		
10	16QAM	50	0	22.40	22.52	22.32		
10	64QAM	1	0	22.32	22.54	22.38		
10	64QAM	1	25	22.50	22.61	22.52	23	2
10	64QAM	1	49	22.24	22.40	22.31		
10	64QAM	25	0	21.34	21.41	21.38		
10	64QAM	25	12	21.40	21.51	21.45	22	3
10	64QAM	25	25	21.32	21.45	21.42		
10	64QAM	50	0	21.31	21.44	21.44		
10	256QAM	1	0	19.23	19.34	19.28		
10	256QAM	1	25	19.39	19.52	19.45	20	5
10	256QAM	1	49	19.16	19.23	19.19		
10	256QAM	25	0	19.31	19.46	19.38		
10	256QAM	25	12	19.36	19.44	19.46	20	5
10	256QAM	25	25	19.29	19.45	19.37		
10	256QAM	50	0	19.27	19.39	19.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.40	24.36	24.24		
5	QPSK	1	12	24.39	24.46	24.28	25	0
5	QPSK	1	24	24.12	24.20	24.08		
5	QPSK	12	0	23.30	23.36	23.21		
5	QPSK	12	7	23.38	23.39	23.22	24	1
5	QPSK	12	13	23.20	23.26	23.09		
5	QPSK	25	0	23.24	23.34	23.17		
5	16QAM	1	0	23.27	23.38	23.23		
5	16QAM	1	12	23.45	23.55	23.33	24	1
5	16QAM	1	24	23.27	23.28	23.11		
5	16QAM	12	0	22.39	22.47	22.29		
5	16QAM	12	7	22.36	22.47	22.35	23	2
5	16QAM	12	13	22.31	22.39	22.27		
5	16QAM	25	0	22.30	22.47	22.44		
5	64QAM	1	0	22.42	22.47	22.38		
5	64QAM	1	12	22.50	22.62	22.48	23	2
5	64QAM	1	24	22.23	22.40	22.35		
5	64QAM	12	0	21.40	21.42	21.43		
5	64QAM	12	7	21.46	21.49	21.48	22	3
5	64QAM	12	13	21.41	21.42	21.43		
5	64QAM	25	0	21.38	21.42	21.46		
5	256QAM	1	0	19.24	19.27	19.29		
5	256QAM	1	12	19.39	19.44	19.46	20	5
5	256QAM	1	24	19.14	19.26	19.21		
5	256QAM	12	0	19.30	19.45	19.41		
5	256QAM	12	7	19.38	19.50	19.44	20	5
5	256QAM	12	13	19.35	19.44	19.33		
5	256QAM	25	0	19.31	19.39	19.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.33	24.36	24.24		
3	QPSK	1	8	24.37	24.45	24.27	25	0
3	QPSK	1	14	24.14	24.22	24.04		
3	QPSK	8	0	23.26	23.32	23.19		
3	QPSK	8	4	23.35	23.33	23.25	24	1
3	QPSK	8	7	23.24	23.34	23.13		
3	QPSK	15	0	23.24	23.27	23.18		
3	16QAM	1	0	23.21	23.33	23.25		
3	16QAM	1	8	23.42	23.47	23.40	24	1
3	16QAM	1	14	23.23	23.29	23.08		
3	16QAM	8	0	22.32	22.42	22.30		
3	16QAM	8	4	22.45	22.46	22.39	23	2
3	16QAM	8	7	22.31	22.45	22.28		
3	16QAM	15	0	22.36	22.47	22.39		
3	64QAM	1	0	22.37	22.46	22.42		
3	64QAM	1	8	22.44	22.62	22.51	23	2
3	64QAM	1	14	22.22	22.43	22.33		
3	64QAM	8	0	21.35	21.46	21.40		
3	64QAM	8	4	21.43	21.52	21.49	22	3
3	64QAM	8	7	21.38	21.47	21.41		
3	64QAM	15	0	21.32	21.43	21.38		
3	256QAM	1	0	19.26	19.26	19.29		
3	256QAM	1	8	19.31	19.44	19.48	20	5
3	256QAM	1	14	19.17	19.24	19.23		
3	256QAM	8	0	19.29	19.39	19.39		
3	256QAM	8	4	19.39	19.48	19.47	20	5
3	256QAM	8	7	19.38	19.45	19.34		
3	256QAM	15	0	19.32	19.37	19.47		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.38	24.37	24.21		
1.4	QPSK	1	3	24.41	24.42	24.28		
1.4	QPSK	1	5	24.17	24.26	24.03	25	0
1.4	QPSK	3	0	24.28	24.35	24.20		
1.4	QPSK	3	1	24.36	24.32	24.20		
1.4	QPSK	3	3	24.08	24.15	23.94		
1.4	QPSK	6	0	23.27	23.30	23.18	24	1
1.4	16QAM	1	0	23.28	23.39	23.23		
1.4	16QAM	1	3	23.42	23.46	23.39		
1.4	16QAM	1	5	23.18	23.32	23.10	24	1
1.4	16QAM	3	0	23.24	23.30	23.18		
1.4	16QAM	3	1	23.34	23.38	23.37		
1.4	16QAM	3	3	23.11	23.33	22.99		
1.4	16QAM	6	0	22.39	22.51	22.42	23	2
1.4	64QAM	1	0	22.36	22.47	22.37		
1.4	64QAM	1	3	22.42	22.61	22.51		
1.4	64QAM	1	5	22.24	22.37	22.36	23	2
1.4	64QAM	3	0	22.29	22.43	22.31		
1.4	64QAM	3	1	22.36	22.60	22.42		
1.4	64QAM	3	3	22.21	22.36	22.35		
1.4	64QAM	6	0	21.30	21.42	21.40	22	3
1.4	256QAM	1	0	19.22	19.30	19.23		
1.4	256QAM	1	3	19.34	19.44	19.47		
1.4	256QAM	1	5	19.21	19.27	19.27	20	5
1.4	256QAM	3	0	19.33	19.43	19.39		
1.4	256QAM	3	1	19.36	19.44	19.49		
1.4	256QAM	3	3	19.33	19.46	19.35		
1.4	256QAM	6	0	19.27	19.34	19.35	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.05	24.08	24.00		
10	QPSK	1	25	24.06	24.12	24.06	25	0
10	QPSK	1	49	24.00	24.06	24.03		
10	QPSK	25	0	22.94	23.01	22.97		
10	QPSK	25	12	23.04	23.11	23.09	24	1
10	QPSK	25	25	22.95	23.04	23.02		
10	QPSK	50	0	23.00	23.09	23.05		
10	16QAM	1	0	23.02	23.09	23.07		
10	16QAM	1	25	23.07	23.16	23.11	24	1
10	16QAM	1	49	23.02	23.12	23.08		
10	16QAM	25	0	21.90	22.02	21.96		
10	16QAM	25	12	21.94	22.08	22.05	23	2
10	16QAM	25	25	21.91	22.04	21.98		
10	16QAM	50	0	22.01	22.11

Band 7 Other PA_Ant 2

BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.44	21.45	21.42	22.3	0
20	QPSK	1	49	21.53	21.58	21.55		
20	QPSK	1	99	21.36	21.43	21.42		
20	QPSK	50	0	20.38	20.46	20.46	21.3	1
20	QPSK	50	24	20.46	20.52	20.50		
20	QPSK	50	50	20.43	20.49	20.48		
20	QPSK	100	0	20.39	20.46	20.44		
20	16QAM	1	0	20.40	20.47	20.48	21.3	1
20	16QAM	1	49	20.55	20.65	20.66		
20	16QAM	1	99	20.40	20.48	20.47		
20	16QAM	50	0	19.34	19.42	19.38	20.3	2
20	16QAM	50	24	19.38	19.46	19.44		
20	16QAM	50	50	19.39	19.45	19.40		
20	16QAM	100	0	19.40	19.45	19.43		
20	64QAM	1	0	19.37	19.39	19.39	20.3	2
20	64QAM	1	49	19.52	19.55	19.54		
20	64QAM	1	99	19.36	19.38	19.36		
20	64QAM	50	0	18.30	18.38	18.33	19.3	3
20	64QAM	50	24	18.34	18.45	18.44		
20	64QAM	50	50	18.36	18.44	18.43		
20	64QAM	100	0	18.33	18.42	18.37		
20	256QAM	1	0	16.28	16.38	16.36	17.3	5
20	256QAM	1	49	16.44	16.55	16.51		
20	256QAM	1	99	16.35	16.42	16.38		
20	256QAM	50	0	16.43	16.52	16.49	17.3	5
20	256QAM	50	24	16.54	16.62	16.59		
20	256QAM	50	50	16.49	16.58	16.57		
20	256QAM	100	0	16.51	16.60	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.35	21.40	21.36	22.3	0
15	QPSK	1	37	21.50	21.55	21.56		
15	QPSK	1	74	21.35	21.43	21.36		
15	QPSK	36	0	20.35	20.40	20.37	21.3	1
15	QPSK	36	20	20.42	20.44	20.46		
15	QPSK	36	39	20.39	20.41	20.40		
15	QPSK	75	0	20.32	20.39	20.40		
15	16QAM	1	0	20.35	20.40	20.42	21.3	1
15	16QAM	1	37	20.48	20.58	20.62		
15	16QAM	1	74	20.33	20.37	20.44		
15	16QAM	36	0	19.30	19.36	19.33	20.3	2
15	16QAM	36	20	19.35	19.40	19.40		
15	16QAM	36	39	19.37	19.42	19.35		
15	16QAM	75	0	19.29	19.39	19.38		
15	64QAM	1	0	19.34	19.30	19.35	20.3	2
15	64QAM	1	37	19.44	19.51	19.52		
15	64QAM	1	74	19.32	19.32	19.31		
15	64QAM	36	0	18.24	18.36	18.31	19.3	3
15	64QAM	36	20	18.25	18.38	18.42		
15	64QAM	36	39	18.32	18.36	18.44		
15	64QAM	75	0	18.23	18.32	18.31		
15	256QAM	1	0	16.23	16.38	16.29	17.3	5
15	256QAM	1	37	16.38	16.53	16.41		
15	256QAM	1	74	16.35	16.35	16.37		
15	256QAM	36	0	16.43	16.47	16.45	17.3	5
15	256QAM	36	20	16.49	16.62	16.56		
15	256QAM	36	39	16.45	16.48	16.47		
15	256QAM	75	0	16.51	16.55	16.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.39	21.39	21.39	22.3	0
10	QPSK	1	25	21.53	21.51	21.51		
10	QPSK	1	49	21.28	21.33	21.39		
10	QPSK	25	0	20.36	20.35	20.40	21.3	1
10	QPSK	25	12	20.36	20.45	20.49		
10	QPSK	25	25	20.41	20.41	20.44		
10	QPSK	50	0	20.29	20.41	20.37		
10	16QAM	1	0	20.33	20.48	20.46	21.3	1
10	16QAM	1	25	20.50	20.57	20.64		
10	16QAM	1	49	20.33	20.42	20.42		
10	16QAM	25	0	19.29	19.37	19.29	20.3	2
10	16QAM	25	12	19.26	19.46	19.41		
10	16QAM	25	25	19.29	19.39	19.32		
10	16QAM	50	0	19.38	19.40	19.38		
10	64QAM	1	0	19.31	19.33	19.29	20.3	2
10	64QAM	1	25	19.48	19.48	19.46		
10	64QAM	1	49	19.26	19.35	19.29		
10	64QAM	25	0	18.25	18.39	18.24	19.3	3
10	64QAM	25	12	18.28	18.37	18.34		
10	64QAM	25	25	18.33	18.44	18.37		
10	64QAM	50	0	18.32	18.38	18.28		
10	256QAM	1	0	16.21	16.30	16.31	17.3	5
10	256QAM	1	25	16.43	16.45	16.46		
10	256QAM	1	49	16.34	16.37	16.34		
10	256QAM	25	0	16.35	16.47	16.37	17.3	5
10	256QAM	25	12	16.47	16.55	16.52		
10	256QAM	25	25	16.41	16.48	16.47		
10	256QAM	50	0	16.43	16.55	16.48		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.34	21.41	21.34	22.3	0
5	QPSK	1	12	21.47	21.52	21.49		
5	QPSK	1	24	21.31	21.42	21.32		
5	QPSK	12	0	20.34	20.35	20.41	21.3	1
5	QPSK	12	7	20.40	20.48	20.48		
5	QPSK	12	13	20.38	20.42	20.42		
5	QPSK	25	0	20.28	20.44	20.39		
5	16QAM	1	0	20.37	20.43	20.42	21.3	1
5	16QAM	1	12	20.49	20.61	20.59		
5	16QAM	1	24	20.31	20.42	20.37		
5	16QAM	12	0	19.22	19.32	19.30	20.3	2
5	16QAM	12	7	19.33	19.38	19.42		
5	16QAM	12	13	19.36	19.40	19.30		
5	16QAM	25	0	19.36	19.42	19.33		
5	64QAM	1	0	19.32	19.39	19.36	20.3	2
5	64QAM	1	12	19.45	19.49	19.50		
5	64QAM	1	24	19.31	19.32	19.28		
5	64QAM	12	0	18.24	18.30	18.28	19.3	3
5	64QAM	12	7	18.34	18.34	18.45		
5	64QAM	12	13	18.33	18.38	18.42		
5	64QAM	25	0	18.29	18.33	18.27		
5	256QAM	1	0	16.22	16.31	16.29	17.3	5
5	256QAM	1	12	16.37	16.50	16.42		
5	256QAM	1	24	16.31	16.33	16.31		
5	256QAM	12	0	16.37	16.50	16.49	17.3	5
5	256QAM	12	7	16.49	16.55	16.50		
5	256QAM	12	13	16.45	16.58	16.48		
5	256QAM	25	0	16.49	16.53	16.51		

Band 7 Other PA_Ant 3

BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.49	16.39	16.43	17.5	0
20	QPSK	1	49	16.52	16.55	16.53		
20	QPSK	1	99	16.38	16.44	16.41		
20	QPSK	50	0	16.35	16.32	16.33	17.5	0
20	QPSK	50	24	16.40	16.43	16.40		
20	QPSK	50	50	16.37	16.31	16.28		
20	QPSK	100	0	16.34	16.40	16.35		
20	16QAM	1	0	16.34	16.35	16.28	17.5	0
20	16QAM	1	49	16.29	16.35	16.37		
20	16QAM	1	99	16.29	16.35	16.33		
20	16QAM	50	0	16.28	16.37	16.36	17.5	0
20	16QAM	50	24	16.35	16.36	16.39		
20	16QAM	50	50	16.35	16.39	16.31		
20	16QAM	100	0	16.37	16.41	16.39		
20	64QAM	1	0	16.26	16.28	16.34	17.5	0
20	64QAM	1	49	16.29	16.32	16.39		
20	64QAM	1	99	16.39	16.35	16.38		
20	64QAM	50	0	16.37	16.33	16.32	17.5	0
20	64QAM	50	24	16.29	16.33	16.26		
20	64QAM	50	50	16.25	16.33	16.37		
20	64QAM	100	0	16.33	16.37	16.33		
20	256QAM	1	0	16.36	16.42	16.32	17.5	0
20	256QAM	1	49	16.34	16.29	16.38		
20	256QAM	1	99	16.34	16.37	16.34		
20	256QAM	50	0	16.32	16.39	16.38	17.5	0
20	256QAM	50	24	16.25	16.42	16.34		
20	256QAM	50	50	16.34	16.31	16.33		
20	256QAM	100	0	16.25	16.35	16.38		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.37	16.28	16.41	17.5	0
15	QPSK	1	37	16.47	16.47	16.49		
15	QPSK	1	74	16.25	16.41	16.33		
15	QPSK	36	0	16.23	16.24	16.27	17.5	0
15	QPSK	36	20	16.34	16.35	16.27		
15	QPSK	36	39	16.27	16.22	16.20		
15	QPSK	75	0	16.21	16.34	16.31		
15	16QAM	1	0	16.31	16.20	16.27	17.5	0
15	16QAM	1	37	16.23	16.25	16.33		
15	16QAM	1	74	16.19	16.28	16.26		
15	16QAM	36	0	16.25	16.29	16.28	17.5	0
15	16QAM	36	20	16.32	16.26	16.32		
15	16QAM	36	39	16.32	16.31	16.18		
15	16QAM	75	0	16.25	16.35	16.25		
15	64QAM	1	0	16.25	16.27	16.19	17.5	0
15	64QAM	1	37	16.26	16.34	16.31		
15	64QAM	1	74	16.29	16.34	16.35		
15	64QAM	36	0	16.34	16.29	16.22	17.5	0
15	64QAM	36	20	16.24	16.21	16.14		
15	64QAM	36	39	16.18	16.30	16.31		
15	64QAM	75	0	16.19	16.23	16.20		
15	256QAM	1	0	16.21	16.40	16.28	17.5	0
15	256QAM	1	37	16.21	16.19	16.29		
15	256QAM	1	74	16.19	16.31	16.26		
15	256QAM	36	0	16.32	16.26	16.32	17.5	0
15	256QAM	36	20	16.13	16.36	16.26		
15	256QAM	36	39	16.20	16.29	16.25		
15	256QAM	75	0	16.19	16.34	16.36		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.35	16.28	16.31	17.5	0
10	QPSK	1	25	16.49	16.49	16.49		
10	QPSK	1	49	16.28	16.30	16.33		
10	QPSK	25	0	16.22	16.21	16.21	17.5	0
10	QPSK	25	12	16.37	16.33	16.33		
10	QPSK	25	25	16.28	16.27	16.22		
10	QPSK	50	0	16.26	16.32	16.28		
10	16QAM	1	0	16.24	16.29	16.25	17.5	0
10	16QAM	1	25	16.14	16.23	16.24		
10	16QAM	1	49	16.24	16.24	16.22		
10	16QAM	25	0	16.24	16.29	16.22	17.5	0
10	16QAM	25	12	16.28	16.24	16.30		
10	16QAM	25	25	16.20	16.29	16.27		
10	16QAM	50	0	16.36	16.27	16.27		
10	64QAM	1	0	16.13	16.17	16.20	17.5	0
10	64QAM	1	25	16.25	16.29	16.36		
10	64QAM	1	49	16.30	16.24	16.32		
10	64QAM	25	0	16.28	16.32	16.27	17.5	0
10	64QAM	25	12	16.21	16.23	16.16		
10	64QAM	25	25	16.16	16.28	16.33		
10	64QAM	50	0	16.24	16.34	16.23		
10	256QAM	1	0	16.21	16.31	16.22	17.5	0
10	256QAM	1	25	16.19	16.19	16.33		
10	256QAM	1	49	16.21	16.21	16.21		
10	256QAM	25	0	16.22	16.27	16.30	17.5	0
10	256QAM	25	12	16.23	16.34	16.31		
10	256QAM	25	25	16.21	16.16	16.24		
10	256QAM	50	0	16.32	16.23	16.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.41	16.37	16.41	17.5	0
5	QPSK	1	12	16.42	16.43	16.53		
5	QPSK	1	24	16.31	16.35	16.26		
5	QPSK	12	0	16.30	16.18	16.19	17.5	0
5	QPSK	12	7	16.35	16.39	16.31		
5	QPSK	12	13	16.29	16.20	16.27		
5	QPSK	25	0	16.27	16.38	16.29		
5	16QAM	1	0	16.29	16.24	16.14	17.5	0
5	16QAM	1	12	16.17	16.21	16.33		
5	16QAM	1	24	16.28	16.26	16.24		
5	16QAM	12	0	16.14	16.26	16.25	17.5	0
5	16QAM	12	7	16.27	16.33	16.33		
5	16QAM	12	13	16.22	16.28	16.17		
5	16QAM	25	0	16.28	16.29	16.27		
5	64QAM	1	0	16.15	16.21	16.19	17.5	0
5	64QAM	1	12	16.18	16.18	16.27		
5	64QAM	1	24	16.24	16.23	16.26		
5	64QAM	12	0	16.28	16.18	16.24	17.5	0
5	64QAM	12	7	16.15	16.30	16.23		
5	64QAM	12	13	16.14	16.26	16.22		
5	64QAM	25	0	16.28	16.24	16.25		
5	256QAM	1	0	16.25	16.40	16.17	17.5	0
5	256QAM	1	12	16.31	16.22	16.31		
5	256QAM	1	24	16.32	16.27	16.19		
5	256QAM	12	0	16.20	16.15	16.31	17.5	0
5	256QAM	12	7	16.22	16.30	16.29		
5	256QAM	12	13	16.25	16.27	16.21		
5	256QAM	25	0	16.13	16.31	16.32		

Band 7 Other PA_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	16.48	16.35	16.46	17.9	0
20	QPSK	1	49	16.51	16.52	16.48		
20	QPSK	1	99	16.39	16.35	16.44		
20	QPSK	50	0	16.25	16.40	16.37	17.9	0
20	QPSK	50	24	16.37	16.40	16.43		
20	QPSK	50	50	16.28	16.40	16.28		
20	QPSK	100	0	16.25	16.33	16.31		
20	16QAM	1	0	16.24	16.38	16.32	17.9	0
20	16QAM	1	49	16.27	16.42	16.29		
20	16QAM	1	99	16.34	16.34	16.41		
20	16QAM	50	0	16.25	16.33	16.40	17.9	0
20	16QAM	50	24	16.28	16.44	16.37		
20	16QAM	50	50	16.22	16.34	16.31		
20	16QAM	100	0	16.31	16.43	16.33		
20	64QAM	1	0	16.29	16.40	16.31	17.9	0
20	64QAM	1	49	16.30	16.36	16.42		
20	64QAM	1	99	16.32	16.31	16.38		
20	64QAM	50	0	16.28	16.35	16.34	17.9	0
20	64QAM	50	24	16.36	16.44	16.39		
20	64QAM	50	50	16.33	16.37	16.30		
20	64QAM	100	0	16.34	16.37	16.38		
20	256QAM	1	0	16.23	16.32	16.29	17.9	0
20	256QAM	1	49	16.26	16.37	16.33		
20	256QAM	1	99	16.23	16.43	16.29		
20	256QAM	50	0	16.24	16.35	16.42	17.9	0
20	256QAM	50	24	16.26	16.35	16.31		
20	256QAM	50	50	16.36	16.34	16.29		
20	256QAM	100	0	16.32	16.38	16.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.42	16.34	16.42	17.9	0
15	QPSK	1	37	16.42	16.41	16.43		
15	QPSK	1	74	16.26	16.29	16.36		
15	QPSK	36	0	16.14	16.36	16.30	17.9	0
15	QPSK	36	20	16.24	16.39	16.28		
15	QPSK	36	39	16.16	16.34	16.21		
15	QPSK	75	0	16.12	16.26	16.21		
15	16QAM	1	0	16.10	16.23	16.19	17.9	0
15	16QAM	1	37	16.21	16.33	16.28		
15	16QAM	1	74	16.31	16.21	16.31		
15	16QAM	36	0	16.21	16.24	16.39	17.9	0
15	16QAM	36	20	16.15	16.37	16.32		
15	16QAM	36	39	16.11	16.22	16.30		
15	16QAM	75	0	16.21	16.28	16.32		
15	64QAM	1	0	16.19	16.27	16.17	17.9	0
15	64QAM	1	37	16.29	16.35	16.35		
15	64QAM	1	74	16.23	16.23	16.29		
15	64QAM	36	0	16.18	16.33	16.19	17.9	0
15	64QAM	36	20	16.35	16.31	16.35		
15	64QAM	36	39	16.18	16.24	16.25		
15	64QAM	75	0	16.28	16.30	16.25		
15	256QAM	1	0	16.17	16.24	16.28	17.9	0
15	256QAM	1	37	16.22	16.36	16.21		
15	256QAM	1	74	16.12	16.35	16.26		
15	256QAM	36	0	16.20	16.34	16.37	17.9	0
15	256QAM	36	20	16.23	16.31	16.26		
15	256QAM	36	39	16.23	16.27	16.17		
15	256QAM	75	0	16.22	16.23	16.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.46	16.23	16.37	17.9	0
10	QPSK	1	25	16.48	16.42	16.41		
10	QPSK	1	49	16.30	16.30	16.30		
10	QPSK	25	0	16.17	16.29	16.30	17.9	0
10	QPSK	25	12	16.31	16.36	16.37		
10	QPSK	25	25	16.21	16.29	16.20		
10	QPSK	50	0	16.16	16.20	16.17		
10	16QAM	1	0	16.10	16.27	16.22	17.9	0
10	16QAM	1	25	16.15	16.30	16.28		
10	16QAM	1	49	16.33	16.23	16.35		
10	16QAM	25	0	16.10	16.30	16.37	17.9	0
10	16QAM	25	12	16.17	16.43	16.26		
10	16QAM	25	25	16.18	16.29	16.27		
10	16QAM	50	0	16.18	16.30	16.22		
10	64QAM	1	0	16.16	16.35	16.18	17.9	0
10	64QAM	1	25	16.19	16.21	16.38		
10	64QAM	1	49	16.17	16.30	16.36		
10	64QAM	25	0	16.19	16.29	16.31	17.9	0
10	64QAM	25	12	16.33	16.34	16.26		
10	64QAM	25	25	16.22	16.28	16.15		
10	64QAM	50	0	16.28	16.34	16.28		
10	256QAM	1	0	16.19	16.29	16.24	17.9	0
10	256QAM	1	25	16.19	16.30	16.31		
10	256QAM	1	49	16.10	16.41	16.17		
10	256QAM	25	0	16.17	16.21	16.37	17.9	0
10	256QAM	25	12	16.13	16.28	16.22		
10	256QAM	25	25	16.23	16.21	16.20		
10	256QAM	50	0	16.31	16.34	16.27		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.43	16.26	16.40	17.9	0
5	QPSK	1	12	16.37	16.43	16.43		
5	QPSK	1	24	16.34	16.24	16.43		
5	QPSK	12	0	16.12	16.27	16.29	17.9	0
5	QPSK	12	7	16.23	16.44	16.35		
5	QPSK	12	13	16.27	16.32	16.23		
5	QPSK	25	0	16.19	16.28	16.25		
5	16QAM	1	0	16.17	16.26	16.27	17.9	0
5	16QAM	1	12	16.20	16.33	16.15		
5	16QAM	1	24	16.22	16.33	16.29		
5	16QAM	12	0	16.19	16.31	16.33	17.9	0
5	16QAM	12	7	16.18	16.30	16.29		
5	16QAM	12	13	16.14	16.23	16.29		
5	16QAM	25	0	16.28	16.31	16.21		
5	64QAM	1	0	16.18	16.29	16.25	17.9	0
5	64QAM	1	12	16.22	16.35	16.36		
5	64QAM	1	24	16.26	16.23	16.34		
5	64QAM	12	0	16.15	16.23	16.23	17.9	0
5	64QAM	12	7	16.35	16.43	16.29		
5	64QAM	12	13	16.25	16.26	16.21		
5	64QAM	25	0	16.21	16.25	16.32		
5	256QAM	1	0	16.14	16.19	16.21	17.9	0
5	256QAM	1	12	16.15	16.22	16.20		
5	256QAM	1	24	16.21	16.29	16.26		
5	256QAM	12	0	16.18	16.24	16.34	17.9	0
5	256QAM	12	7	16.14	16.34	16.29		
5	256QAM	12	13	16.32	16.21	16.18		
5	256QAM	25	0	16.21	16.37	16.28		

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.58	20.55	20.58	21.5	0
20	QPSK	1	49	20.60	20.69	20.64		
20	QPSK	1	99	20.46	20.49	20.62		
20	QPSK	50	0	20.48	20.59	20.41	21.5	0
20	QPSK	50	24	20.40	20.61	20.53		
20	QPSK	50	50	20.40	20.50	20.44		
20	QPSK	100	0	20.36	20.59	20.43		
20	16QAM	1	0	20.45	20.55	20.52	21.5	0
20	16QAM	1	49	20.47	20.52	20.50		
20	16QAM	1	99	20.47	20.46

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BW [MHz]	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	23.62	23.31	23.61		
10	QPSK	1	25	23.68	23.69	23.68	24.5	0
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57		
10	QPSK	25	12	22.68	22.71	22.62	23.5	1
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81		
10	16QAM	1	25	22.83	22.87	22.87	23.5	1
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59		
10	16QAM	25	12	21.66	21.65	21.65	22.5	2
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65		
10	64QAM	1	25	21.73	21.73	21.70	22.5	2
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56		
10	64QAM	25	12	20.61	20.62	20.62	21.5	3
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.65	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98		
10	256QAM	1	25	18.98	18.95	19.03	19.5	5
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99		
10	256QAM	25	12	19.02	19.02	19.05	19.5	5
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51		
5	QPSK	1	12	23.63	23.62	23.57	24.5	0
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.56	22.54		
5	QPSK	12	7	22.72	22.67	22.57	23.5	1
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61		
5	16QAM	1	0	22.78	22.75	22.83		
5	16QAM	1	12	22.85	22.85	22.92	23.5	1
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59		
5	16QAM	12	7	21.60	21.62	21.57	22.5	2
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68		
5	64QAM	1	12	21.65	21.53	21.64	22.5	2
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56		
5	64QAM	12	7	20.66	20.61	20.60	21.5	3
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94		
5	256QAM	1	12	19.01	18.98	18.93	19.5	5
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99		
5	256QAM	12	7	19.00	19.00	19.07	19.5	5
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62		
3	QPSK	1	8	23.64	23.66	23.68	24.5	0
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57		
3	QPSK	8	4	22.62	22.65	22.53	23.5	1
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.82	22.82	22.76		
3	16QAM	1	8	22.85	22.84	22.79	23.5	1
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63		
3	16QAM	8	4	21.58	21.70	21.55	22.5	2
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64		
3	64QAM	1	8	21.76	21.68	21.63	22.5	2
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59		
3	64QAM	8	4	20.55	20.62	20.60	21.5	3
3	64QAM	8	7	20.64	20.62	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88		
3	256QAM	1	8	18.99	18.89	19.08	19.5	5
3	256QAM	1	14	18.98	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93		
3	256QAM	8	4	18.95	18.93	18.96	19.5	5
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.02	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52		
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61	24.5	0
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.37	22.47		
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55	23.5	1
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.68	21.47	21.67		
1.4	64QAM	1	3	21.61	21.51	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60	22.5	2
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80		
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98	19.5	5
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.96	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83		
10	QPSK	1	25	23.90	23.95	23.91	24.5	0
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78		
10	QPSK	25	12	22.72	22.93	22.85	23.5	1
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02		
10	16QAM	1	25	22.92	23.06	23.04	23.5	1
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88		
10	16QAM	25	12	21.83	21.86	21.89	22.5	2
10	16QAM	25	25	21.86	21.73	21.96		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98		
10	64QAM	1	25	22.00	22.04	22.04	22.5	2
10	64QAM	1	49	22.00	22.00	22.01		
10	64QAM	25	0	20.73	20.82	20.87		
10	64QAM	25	12	20.82	20.85	20.84	21.5	3
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27		
10	256QAM	1	25	19.25	19.25	19.25	19.5	5
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23		
10	256QAM	25	12	19.28	19.20	19.27	19.5	5
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84		
5	QPSK	1	12	23.82	23.85	23.82	24.5	0
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73		
5	QPSK	12	7	22.77	22.98	22.87	23.5	1
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85		
5	16QAM	1	0	22.80	22.88	23.02		
5	16QAM	1	12	22.94	23.04	23.07	23.5	1
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81		
5	16QAM	12	7	21.82	21.80	21.80	22.5	2
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96		
5	64QAM	1	12	21.92	21.97	22.08	22.5	2
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81		
5	64QAM	12	7	20.87	20.79	20.79	21.5	3
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.86		
5	256QAM	1	0	19.21	19.17	19.27		
5	256QAM	1	12	19.17	19.26	19.30	19.5	5
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26		
5	256QAM	12	7	19.18	19.16	19.17	19.5	5
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73		
3	QPSK	1	8	23.86	23.87	23.94	24.5	0
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.76	22.88	22.77		
3	QPSK	8	4	22.81	22.96	22.82	23.5	1
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.78	22.86	23.04		
3	16QAM	1	8	23.02	23.02	22.99	23.5	1
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83		
3	16QAM	8	4	21.83	21.82	21.87	22.5	2
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95		
3	64QAM	1	8	22.02	22.04	22.03	22.5	2
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82		
3	64QAM	8	4	20.83	20.84	20.83	21.5	3
3	64QAM	8	7	20.83	20.76	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20		
3	256QAM	1	8	19.19	19.29	19.15	19.5	5
3	256QAM	1	14	19.23	19.13	19.13		
3	256QAM	8	0	19.22	19.21	19.18		
3	256QAM	8	4	19.32	19.10	19.20	19.5	5
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	18.94	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83		
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.68	23.88	24.5	0
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.89		
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94	23.5	1
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.80	21.91	21.97		
1.4	64QAM	1	3	21.82	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80	22.5	2
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19		
1.4	256QAM	1	3	19.18	19.18	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06	19.5	5
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.02	24.05	24.01		
15	QPSK	1	37	24.07	24.14	24.06	25	0
15	QPSK	1	74	24.01	24.04	24.03		
15	QPSK	36	0	23.04	23.04	23.03		
15	QPSK	36	20	23.06	23.08	23.07	24	1
15	QPSK	36	39	23.05	23.04	23.01		
15	QPSK	75	0	22.97	23.14	23.11		
15	16QAM	1	0	22.75	23.04	22.96		
15	16QAM	1	37	23.09	23.04	22.99	24	1
15	16QAM	1	74	23.11	23.02	22.90		
15	16QAM	36	0	21.95	22.00	21.91		
15	16QAM	36	20	21.99	22.02	21.96	23	2
15	16QAM	36	39	22.00	21.97	21.89		
15	16QAM	75	0	22.00	22.03	21.94		
15	64QAM	1	0	21.92	21.95	21.88		
15	64QAM	1	37	21.95	21.99	21.91	23	2
15	64QAM	1	74	21.98	21.94	21.83		
15	64QAM	36	0	20.91	20.98	20.93		
15	64QAM	36	20	20.98	21.03	20.98	22	3
15	64QAM	36	39	20.98	20.95	20.94		
15	64QAM	75	0	21.01	21.02	21.01		
15	256QAM	1	0	18.76	18.82	18.81		
15	256QAM	1	37	18.86	18.85	18.83	20	5
15	256QAM	1	74	18.86	18.80	18.75		
15	256QAM	36	0	18.86	18.91	18.87		
15	256QAM	36	20	18.91	18.96	18.93	20	5
15	256QAM	36	39	18.82	18.91	18.90		
15	256QAM	75	0	18.85	18.99	18.94		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.84	23.87	23.85		
10	QPSK	1	25	23.98	23.97	23.96	25	0
10	QPSK	1	49	23.98	23.83	23.89		
10	QPSK	25	0	22.91	22.88	22.87		
10	QPSK	25	12	22.91	22.94	22.94	24	1
10	QPSK	25	25	22.96	22.90	22.87		
10	QPSK	50	0	23.00	23.01	22.97		
10	16QAM	1	0	22.70	22.94	22.92		
10	16QAM	1	25	23.02	23.03	22.91	24	1
10	16QAM	1	49	23.03	23.00	22.80		
10	16QAM	25	0	21.87	21.96	21.87		
10	16QAM	25	12	21.95	21.90	21.90	23	2
10	16QAM	25	25	22.01	21.91	21.83		
10	16QAM	50	0	21.89	21.96	21.86		
10	64QAM	1	0	21.85	21.91	21.85		
10	64QAM	1	25	21.90	21.94	21.83	23	2
10	64QAM	1	49	21.86	21.91	21.78		
10	64QAM	25	0	20.91	20.94	20.92		
10	64QAM	25	12	20.92	21.01	20.92	22	3
10	64QAM	25	25	20.89	20.94	20.84		
10	64QAM	50	0	20.92	20.98	20.90		
10	256QAM	1	0	18.73	18.80	18.76		
10	256QAM	1	25	18.81	18.75	18.79	20	5
10	256QAM	1	49	18.77	18.80	18.73		
10	256QAM	25	0	18.81	18.86	18.84		
10	256QAM	25	12	18.89	18.95	18.88	20	5
10	256QAM	25	25	18.79	18.81	18.83		
10	256QAM	50	0	18.86	18.96	18.92		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.81	23.89	23.89		
5	QPSK	1	12	23.99	23.96	23.90	25	0
5	QPSK	1	24	23.94	23.84	23.88		
5	QPSK	12	0	22.94	22.94	22.86		
5	QPSK	12	7	22.94	22.86	22.90	24	1
5	QPSK	12	13	22.91	22.91	22.86		
5	QPSK	25	0	22.90	22.99	22.95		
5	16QAM	1	0	22.69	23.01	22.93		
5	16QAM	1	12	23.04	23.06	22.92	24	1
5	16QAM	1	24	23.08	22.94	22.85		
5	16QAM	12	0	21.80	21.91	21.87		
5	16QAM	12	7	21.89	21.98	21.88	23	2
5	16QAM	12	13	21.94	21.95	21.84		
5	16QAM	25	0	21.87	21.98	21.87		
5	64QAM	1	0	21.89	21.92	21.80		
5	64QAM	1	12	21.83	21.97	21.84	23	2
5	64QAM	1	24	21.91	21.91	21.71		
5	64QAM	12	0	20.90	20.92	20.90		
5	64QAM	12	7	20.92	20.94	20.97	22	3
5	64QAM	12	13	20.95	20.89	20.87		
5	64QAM	25	0	20.94	20.95	20.97		
5	256QAM	1	0	18.75	18.70	18.80		
5	256QAM	1	12	18.79	18.77	18.73	20	5
5	256QAM	1	24	18.77	18.70	18.64		
5	256QAM	12	0	18.87	18.89	18.82		
5	256QAM	12	7	18.81	18.86	18.91	20	5
5	256QAM	12	13	18.77	18.81	18.86		
5	256QAM	25	0	18.90	18.96	18.86		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.90	23.91	23.87		
3	QPSK	1	8	23.96	23.91	23.93	25	0
3	QPSK	1	14	23.95	23.85	23.88		
3	QPSK	8	0	22.80	22.88	22.87		
3	QPSK	8	4	22.93	22.96	22.95	24	1
3	QPSK	8	7	22.93	22.93	22.89		
3	QPSK	15	0	22.90	22.95	22.93		
3	16QAM	1	0	22.99	22.99	22.95		
3	16QAM	1	8	23.03	23.02	22.90	24	1
3	16QAM	1	14	23.05	23.01	22.81		
3	16QAM	8	0	21.96	21.99	21.97		
3	16QAM	8	4	21.90	21.97	21.91	23	2
3	16QAM	8	7	21.94	21.88	21.85		
3	16QAM	15	0	22.01	22.02	21.87		
3	64QAM	1	0	21.88	21.92	21.86		
3	64QAM	1	8	21.91	21.92	21.88	23	2
3	64QAM	1	14	21.94	21.91	21.80		
3	64QAM	8	0	20.90	20.92	20.84		
3	64QAM	8	4	20.88	20.97	20.94	22	3
3	64QAM	8	7	20.87	20.89	20.88		
3	64QAM	15	0	21.00	21.00	20.98		
3	256QAM	1	0	18.73	18.77	18.72		
3	256QAM	1	8	18.78	18.76	18.81	20	5
3	256QAM	1	14	18.81	18.73	18.75		
3	256QAM	8	0	18.82	18.86	18.76		
3	256QAM	8	4	18.83	18.89	18.85	20	5
3	256QAM	8	7	18.75	18.88	18.81		
3	256QAM	15	0	18.87	18.99	18.86		
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	23.90	23.86		
1.4	QPSK	1	3	24.01	23.89	23.86		
1.4	QPSK	1	5	23.97	23.85	23.84	25	0
1.4	QPSK	3	0	23.84	23.87	23.78		
1.4	QPSK	3	1	23.96	23.85	23.77		
1.4	QPSK	3	3	23.93	23.80	23.79		
1.4	QPSK	6	0	22.84	22.95	22.89	24	1
1.4	16QAM	1	0	22.70	23.02	22.88		
1.4	16QAM	1	3	22.99	22.97	22.97		
1.4	16QAM	1	5	23.10	22.95	22.84	24	1
1.4	16QAM	3	0	22.64	22.98	22.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.50	21.61	21.58	22.3	0
20	QPSK	1	49	21.60	21.70	21.68		
20	QPSK	1	99	21.46	21.56	21.54		
20	QPSK	50	0	20.51	20.62	20.60	21.3	1
20	QPSK	50	24	20.62	20.70	20.67		
20	QPSK	50	50	20.61	20.67	20.65		
20	QPSK	100	0	20.63	20.66	20.62		
20	16QAM	1	0	20.69	20.70	20.68	21.3	1
20	16QAM	1	49	20.80	20.83	20.81		
20	16QAM	1	99	20.71	20.73	20.71		
20	16QAM	50	0	19.59	19.63	19.58	20.3	2
20	16QAM	50	24	19.63	19.66	19.59		
20	16QAM	50	50	19.64	19.68	19.62		
20	16QAM	100	0	19.60	19.65	19.62		
20	64QAM	1	0	19.65	19.71	19.69	20.3	2
20	64QAM	1	49	19.63	19.70	19.67		
20	64QAM	1	99	19.58	19.68	19.62		
20	64QAM	50	0	18.53	18.63	18.60	19.3	3
20	64QAM	50	24	18.60	18.70	18.65		
20	64QAM	50	50	18.59	18.66	18.62		
20	64QAM	100	0	18.58	18.65	18.61		
20	256QAM	1	0	16.38	16.47	16.44	17.3	5
20	256QAM	1	49	16.48	16.56	16.55		
20	256QAM	1	99	16.40	16.48	16.43		
20	256QAM	50	0	16.50	16.61	16.58	17.3	5
20	256QAM	50	24	16.55	16.63	16.62		
20	256QAM	50	50	16.51	16.61	16.56		
20	256QAM	100	0	16.50	16.58	16.56		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.41	21.56	21.50	22.3	0
15	QPSK	1	37	21.51	21.67	21.68		
15	QPSK	1	74	21.39	21.48	21.51		
15	QPSK	36	0	20.47	20.55	20.49	21.3	1
15	QPSK	36	20	20.52	20.64	20.65		
15	QPSK	36	39	20.54	20.60	20.61		
15	QPSK	75	0	20.60	20.60	20.57		
15	16QAM	1	0	20.60	20.68	20.60	21.3	1
15	16QAM	1	37	20.70	20.73	20.78		
15	16QAM	1	74	20.63	20.65	20.63		
15	16QAM	36	0	19.57	19.53	19.56	20.3	2
15	16QAM	36	20	19.61	19.60	19.56		
15	16QAM	36	39	19.55	19.62	19.58		
15	16QAM	75	0	19.56	19.62	19.50		
15	64QAM	1	0	19.54	19.66	19.58	20.3	2
15	64QAM	1	37	19.59	19.63	19.65		
15	64QAM	1	74	19.56	19.61	19.57		
15	64QAM	36	0	18.52	18.57	18.51	19.3	3
15	64QAM	36	20	18.52	18.65	18.60		
15	64QAM	36	39	18.56	18.62	18.55		
15	64QAM	75	0	18.51	18.63	18.51		
15	256QAM	1	0	16.36	16.40	16.37	17.3	5
15	256QAM	1	37	16.40	16.48	16.46		
15	256QAM	1	74	16.36	16.42	16.42		
15	256QAM	36	0	16.47	16.55	16.58	17.3	5
15	256QAM	36	20	16.49	16.58	16.54		
15	256QAM	36	39	16.46	16.51	16.49		
15	256QAM	75	0	16.44	16.50	16.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.40	21.55	21.53	22.3	0
10	QPSK	1	25	21.52	21.64	21.65		
10	QPSK	1	49	21.39	21.56	21.51		
10	QPSK	25	0	20.45	20.52	20.58	21.3	1
10	QPSK	25	12	20.60	20.69	20.57		
10	QPSK	25	25	20.56	20.68	20.64		
10	QPSK	50	0	20.53	20.56	20.61		
10	16QAM	1	0	20.63	20.69	20.63	21.3	1
10	16QAM	1	25	20.77	20.76	20.75		
10	16QAM	1	49	20.65	20.70	20.68		
10	16QAM	25	0	19.54	19.58	19.53	20.3	2
10	16QAM	25	12	19.54	19.60	19.58		
10	16QAM	25	25	19.62	19.58	19.61		
10	16QAM	50	0	19.53	19.55	19.57		
10	64QAM	1	0	19.63	19.61	19.59	20.3	2
10	64QAM	1	25	19.55	19.60	19.56		
10	64QAM	1	49	19.55	19.60	19.50		
10	64QAM	25	0	18.46	18.58	18.57	19.3	3
10	64QAM	25	12	18.49	18.71	18.60		
10	64QAM	25	25	18.51	18.61	18.59		
10	64QAM	50	0	18.55	18.57	18.59		
10	256QAM	1	0	16.33	16.35	16.37	17.3	5
10	256QAM	1	25	16.44	16.48	16.45		
10	256QAM	1	49	16.37	16.45	16.35		
10	256QAM	25	0	16.47	16.51	16.52	17.3	5
10	256QAM	25	12	16.52	16.57	16.61		
10	256QAM	25	25	16.48	16.60	16.52		
10	256QAM	50	0	16.47	16.52	16.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.46	21.59	21.48	22.3	0
5	QPSK	1	12	21.54	21.64	21.61		
5	QPSK	1	24	21.46	21.53	21.42		
5	QPSK	12	0	20.41	20.57	20.53	21.3	1
5	QPSK	12	7	20.56	20.61	20.67		
5	QPSK	12	13	20.55	20.57	20.61		
5	QPSK	25	0	20.59	20.60	20.56		
5	16QAM	1	0	20.67	20.71	20.62	21.3	1
5	16QAM	1	12	20.75	20.74	20.76		
5	16QAM	1	24	20.59	20.67	20.66		
5	16QAM	12	0	19.52	19.56	19.58	20.3	2
5	16QAM	12	7	19.59	19.60	19.55		
5	16QAM	12	13	19.52	19.67	19.56		
5	16QAM	25	0	19.54	19.61	19.55		
5	64QAM	1	0	19.57	19.65	19.66	20.3	2
5	64QAM	1	12	19.55	19.62	19.60		
5	64QAM	1	24	19.59	19.61	19.54		
5	64QAM	12	0	18.42	18.53	18.59	19.3	3
5	64QAM	12	7	18.52	18.61	18.61		
5	64QAM	12	13	18.60	18.63	18.59		
5	64QAM	25	0	18.51	18.60	18.55		
5	256QAM	1	0	16.38	16.38	16.41	17.3	5
5	256QAM	1	12	16.45	16.51	16.49		
5	256QAM	1	24	16.36	16.45	16.41		
5	256QAM	12	0	16.41	16.51	16.52	17.3	5
5	256QAM	12	7	16.56	16.61	16.62		
5	256QAM	12	13	16.49	16.51	16.45		
5	256QAM	25	0	16.45	16.46	16.52		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.44	21.60	21.52	22.3	0
3	QPSK	1	8	21.49	21.68	21.62		
3	QPSK	1	14	21.38	21.54	21.49		
3	QPSK	8	0	20.47	20.59	20.53	21.3	1
3	QPSK	8	4	20.56	20.70	20.56		
3	QPSK	8	7	20.58	20.56	20.60		
3	QPSK	15	0	20.58	20.59	20.51		
3	16QAM	1	0	20.64	20.63	20.65	21.3	1
3	16QAM	1	8	20.75	20.78	20.75		
3	16QAM	1	14	20.66	20.68	20.62		
3	16QAM	8	0	19.52	19.57	19.55	20.3	2
3	16QAM	8	4	19.59	19.62	19.49		
3	16QAM	8	7	19.56	19.63	19.50		
3	16QAM	15	0	19.53	19.57	19.55		
3	64QAM	1	0	19.63	19.61	19.65	20.3	2
3	64QAM	1	8	19.53	19.64	19.66		
3	64QAM	1	14	19.56	19.62	19.53		
3	64QAM	8	0	18.47	18.58	18.55	19.3	3
3	64QAM	8	4	18.55	18.67	18.61		
3	64QAM	8	7	18.51	18.58	18.55		
3	64QAM	15	0	18.52	18.60	18.51		
3	256QAM	1	0	16.38	16.40	16.42	17.3	5
3	256QAM	1	8	16.47	16.51	16.49		
3	256QAM	1	14	16.39	16.44	16.39		
3	256QAM	8	0	16.47	16.54	16.58	17.3	5
3	256QAM	8	4	16.48	16.57	16.57		
3	256QAM	8	7	16.45	16.58	16.54		
3	256QAM	15	0	16.41	16.55	16.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.47	21.56	21.53	22.3	0
1.4	QPSK	1	3	21.56	21.62	21.62		
1.4	QPSK	1	5	21.35	21.52	21.48		
1.4	QPSK	3	0	21.44	21.55	21.45		
1.4	QPSK	3	1	21.53	21.59	21.51		
1.4	QPSK	3	3	21.33	21.52	21.37		
1.4	QPSK	6	0	20.57	20.63	20.51	21.3	1
1.4	16QAM	1	0	20.68	20.70	20.61	21.3	1
1.4	16QAM	1	3	20.78	20.76	20.71		
1.4	16QAM	1	5	20.68	20.70	20.63		
1.4	16QAM	3	0	20.61	20.67	20.53		
1.4	16QAM	3	1	20.78	20.72	20.64		
1.4	16QAM	3	3	20.62	20.61	20.52		
1.4	16QAM	6	0	19.56	19.64	19.58	20.3	2
1.4	64QAM	1	0	19.59	19.67	19.62	20.3	2
1.4	64QAM	1	3	19.53	19.58	19.55		
1.4	64QAM	1	5	19.57	19.66	19.55		
1.4	64QAM	3	0	19.47	19.56	19.50		
1.4	64QAM	3	1	19.46	19.47	19.51		
1.4	64QAM	3	3	19.49	19.62	19.44		
1.4	64QAM	6	0	18.53	18.59	18.56	19.3	3
1.4	256QAM	1	0	16.33	16.47	16.38	17.3	5
1.4	256QAM	1	3	16.38	16.48	16.50		
1.4	256QAM	1	5	16.35	16.38	16.34		
1.4	256QAM	3	0	16.47	16.50	16.59		
1.4	256QAM	3	1	16.55	16.57	16.51		
1.4	256QAM	3	3	16.50	16.55	16.53		
1.4	256QAM	6	0	16.44	16.56	16.55	17.3	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	16.68	16.78	16.78	18.3	0
20	QPSK	1	49	16.70	16.84	16.79		
20	QPSK	1	99	16.61	16.72	16.74		
20	QPSK	50	0	16.50	16.74	16.61	18.3	0
20	QPSK	50	24	16.60	16.80	16.67		
20	QPSK	50	50	16.47	16.75	16.62		
20	QPSK	100	0	16.51	16.78	16.65		
20	16QAM	1	0	16.51	16.77	16.52	18.3	0
20	16QAM	1	49	16.47	16.63	16.59		
20	16QAM	1	99	16.50	16.52	16.50		
20	16QAM	50	0	16.45	16.53	16.52	18.3	0
20	16QAM	50	24	16.44	16.58	16.49		
20	16QAM	50	50	16.54	16.64	16.61		
20	16QAM	100	0	16.43	16.57	16.60		
20	64QAM	1	0	16.50	16.62	16.62	18.3	0
20	64QAM	1	49	16.48	16.60	16.58		
20	64QAM	1	99	16.49	16.55	16.60		
20	64QAM	50	0	16.45	16.58	16.51	18.3	0
20	64QAM	50	24	16.50	16.66	16.49		
20	64QAM	50	50	16.46	16.63	16.58		
20	64QAM	100	0	16.48	16.52	16.62		
20	256QAM	1	0	16.37	16.61	16.47	18.3	0
20	256QAM	1	49	16.34	16.50	16.57		
20	256QAM	1	99	16.40	16.54	16.57		
20	256QAM	50	0	16.40	16.51	16.49	18.3	0
20	256QAM	50	24	16.46	16.60	16.43		
20	256QAM	50	50	16.44	16.56	16.51		
20	256QAM	100	0	16.33	16.41	16.50		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.54	16.76	16.68	18.3	0
15	QPSK	1	37	16.65	16.71	16.64		
15	QPSK	1	74	16.56	16.62	16.70		
15	QPSK	36	0	16.46	16.63	16.46	18.3	0
15	QPSK	36	20	16.57	16.74	16.61		
15	QPSK	36	39	16.46	16.67	16.57		
15	QPSK	75	0	16.44	16.68	16.52		
15	16QAM	1	0	16.50	16.67	16.51	18.3	0
15	16QAM	1	37	16.32	16.48	16.57		
15	16QAM	1	74	16.41	16.37	16.43		
15	16QAM	36	0	16.30	16.51	16.46	18.3	0
15	16QAM	36	20	16.37	16.44	16.48		
15	16QAM	36	39	16.44	16.62	16.60		
15	16QAM	75	0	16.42	16.42	16.57		
15	64QAM	1	0	16.41	16.54	16.52	18.3	0
15	64QAM	1	37	16.38	16.53	16.47		
15	64QAM	1	74	16.42	16.42	16.46		
15	64QAM	36	0	16.39	16.53	16.38	18.3	0
15	64QAM	36	20	16.44	16.64	16.41		
15	64QAM	36	39	16.39	16.62	16.56		
15	64QAM	75	0	16.40	16.51	16.58		
15	256QAM	1	0	16.37	16.61	16.59	18.3	0
15	256QAM	1	37	16.39	16.45	16.54		
15	256QAM	1	74	16.47	16.52	16.52		
15	256QAM	36	0	16.42	16.44	16.40	18.3	0
15	256QAM	36	20	16.35	16.61	16.48		
15	256QAM	36	39	16.36	16.61	16.49		
15	256QAM	75	0	16.43	16.44	16.50		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.56	16.77	16.66	18.3	0
10	QPSK	1	25	16.64	16.69	16.76		
10	QPSK	1	49	16.52	16.59	16.71		
10	QPSK	25	0	16.46	16.68	16.58	18.3	0
10	QPSK	25	12	16.54	16.79	16.58		
10	QPSK	25	25	16.42	16.65	16.52		
10	QPSK	50	0	16.48	16.75	16.56		
10	16QAM	1	0	16.50	16.71	16.46	18.3	0
10	16QAM	1	25	16.33	16.50	16.50		
10	16QAM	1	49	16.35	16.41	16.40		
10	16QAM	25	0	16.43	16.44	16.44	18.3	0
10	16QAM	25	12	16.40	16.53	16.39		
10	16QAM	25	25	16.43	16.56	16.55		
10	16QAM	50	0	16.31	16.44	16.53		
10	64QAM	1	0	16.42	16.56	16.48	18.3	0
10	64QAM	1	25	16.37	16.48	16.55		
10	64QAM	1	49	16.44	16.43	16.45		
10	64QAM	25	0	16.35	16.52	16.40	18.3	0
10	64QAM	25	12	16.44	16.57	16.44		
10	64QAM	25	25	16.33	16.55	16.45		
10	64QAM	50	0	16.44	16.45	16.61		
10	256QAM	1	0	16.47	16.60	16.53	18.3	0
10	256QAM	1	25	16.40	16.46	16.53		
10	256QAM	1	49	16.45	16.46	16.45		
10	256QAM	25	0	16.37	16.47	16.40	18.3	0
10	256QAM	25	12	16.45	16.62	16.48		
10	256QAM	25	25	16.31	16.54	16.49		
10	256QAM	50	0	16.44	16.42	16.58		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.66	16.69	16.72	18.3	0
5	QPSK	1	12	16.68	16.70	16.73		
5	QPSK	1	24	16.49	16.62	16.62		
5	QPSK	12	0	16.36	16.72	16.52	18.3	0
5	QPSK	12	7	16.50	16.76	16.58		
5	QPSK	12	13	16.34	16.65	16.60		
5	QPSK	25	0	16.36	16.71	16.63		
5	16QAM	1	0	16.46	16.69	16.47	18.3	0
5	16QAM	1	12	16.40	16.57	16.45		
5	16QAM	1	24	16.39	16.46	16.44		
5	16QAM	12	0	16.39	16.52	16.49	18.3	0
5	16QAM	12	7	16.33	16.43	16.36		
5	16QAM	12	13	16.39	16.56	16.53		
5	16QAM	25	0	16.38	16.47	16.46		
5	64QAM	1	0	16.42	16.53	16.58	18.3	0
5	64QAM	1	12	16.41	16.54	16.50		
5	64QAM	1	24	16.38	16.53	16.50		
5	64QAM	12	0	16.31	16.52	16.46	18.3	0
5	64QAM	12	7	16.48	16.60	16.47		
5	64QAM	12	13	16.32	16.60	16.53		
5	64QAM	25	0	16.39	16.46	16.54		
5	256QAM	1	0	16.40	16.54	16.60	18.3	0
5	256QAM	1	12	16.41	16.56	16.43		
5	256QAM	1	24	16.35	16.53	16.52		
5	256QAM	12	0	16.44	16.48	16.39	18.3	0
5	256QAM	12	7	16.48	16.55	16.39		
5	256QAM	12	13	16.45	16.51	16.57		
5	256QAM	25	0	16.37	16.41	16.58		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.63	16.71	16.67	18.3	0
3	QPSK	1	8	16.63	16.76	16.73		
3	QPSK	1	14	16.48	16.65	16.68		
3	QPSK	8	0	16.40	16.61	16.54	18.3	0
3	QPSK	8	4	16.55	16.77	16.54		
3	QPSK	8	7	16.41	16.67	16.59		
3	QPSK	15	0	16.41	16.66	16.60		
3	16QAM	1	0	16.40	16.64	16.39	18.3	0
3	16QAM	1	8	16.41	16.57	16.56		
3	16QAM	1	14	16.49	16.50	16.36		
3	16QAM	8	0	16.32	16.52	16.50	18.3	0
3	16QAM	8	4	16.37	16.56	16.42		
3	16QAM	8	7	16.50	16.57	16.57		
3	16QAM	15	0	16.39	16.44	16.45		
3	64QAM	1	0	16.35	16.58	16.53	18.3	0
3	64QAM	1	8	16.37	16.56	16.45		
3	64QAM	1	14	16.36	16.42	16.58		
3	64QAM	8	0	16.33	16.44	16.49	18.3	0
3	64QAM	8	4	16.49	16.61	16.40		
3	64QAM	8	7	16.37	16.60	16.49		
3	64QAM	15	0	16.43	16.41	16.48		
3	256QAM	1	0	16.49	16.47	16.47	18.3	0
3	256QAM	1	8	16.42	16.58	16.46		
3	256QAM	1	14	16.44	16.46	16.50		
3	256QAM	8	0	16.42	16.48	16.48	18.3	0
3	256QAM	8	4	16.47	16.57	16.36		
3	256QAM	8	7	16.39	16.48	16.43		
3	256QAM	15	0	16.33	16.37	16.51		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.65	16.66	16.76	18.3	0
1.4	QPSK	1	3	16.60	16.74	16.69		
1.4	QPSK	1	5	16.51	16.59	16.59		
1.4	QPSK	3	0	16.47	16.68	16.54		
1.4	QPSK	3	1	16.51	16.76	16.59		
1.4	QPSK	3	3	16.42	16.65	16.47		
1.4	QPSK	6	0	16.41	16.77	16.60	18.3	0
1.4	16QAM	1	0	16.46	16.66	16.51	18.3	0
1.4	16QAM	1	3	16.38	16.55	16.46		
1.4	16QAM	1	5	16.41	16.43	16.44		
1.4	16QAM	3	0	16.33	16.39	16.43		
1.4	16QAM	3	1	16.30	16.53	16.40		
1.4	16QAM	3	3	16.51	16.59	16.59		
1.4	16QAM	6	0	16.32	16.47	16.48	18.3	0
1.4	64QAM	1	0	16.39	16.55	16.58	18.3	0
1.4	64QAM	1	3	16.33	16.45	16.53		
1.4	64QAM	1	5	16.35	16.43	16.53		
1.4	64QAM	3	0	16.33	16.46	16.49		
1.4	64QAM	3	1	16.44	16.56	16.45		
1.4	64QAM	3	3	16.45	16.53	16.47		
1.4	64QAM	6	0	16.42	16.39	16.52	18.3	0
1.4	256QAM	1	0	16.47	16.55	16.47	18.3	0
1.4	256QAM	1	3	16.42	16.48	16.45		
1.4	256QAM	1	5	16.42	16.52	16.50		
1.4	256QAM	3	0	16.37	16.44	16.39		
1.4	256QAM	3	1	16.47	16.59	16.44		
1.4	256QAM	3	3	16.42	16.54	16.53		
1.4	256QAM	6	0	16.47	16.38	16.54	18.3	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.32	19.45	19.30	20.9	0
20	QPSK	1	49	19.33	19.48	19.36		
20	QPSK	1	99	19.27	19.40	19.32		
20	QPSK	50	0	19.05	19.21	19.23	20.9	0
20	QPSK	50	24	19.19	19.36	19.27		
20	QPSK	50	50	19.11	19.35	19.22		
20	QPSK	100	0	19.03	19.18	19.09		
20	16QAM	1	0	19.16	19.27	19.06	20.9	0
20	16QAM	1	49	19.13	19.17	19.09		
20	16QAM	1	99	19.13	19.27	19.06		
20	16QAM	50	0	19.14	19.20	19.09	20.9	0
20	16QAM	50	24	19.04	19.26	19.05		
20	16QAM	50	50	19.16	19.17	19.01		
20	16QAM	100	0	19.07	19.19	19.03		
20	64QAM	1	0	19.11	19.27	19.08	20.9	0
20	64QAM	1	49	19.05	19.21	19.05		
20	64QAM	1	99	19.13	19.21	19.09		
20	64QAM	50	0	18.12	18.22	18.12	19.9	1
20	64QAM	50	24	18.04	18.19	18.04		
20	64QAM	50	50	18.03	18.20	18.03		
20	64QAM	100	0	18.09	18.26	18.08		
20	256QAM	1	0	16.08	16.22	16.13	17.9	3
20	256QAM	1	49	16.03	16.18	16.06		
20	256QAM	1	99	16.10	16.29	16.11		
20	256QAM	50	0	16.04	16.28	16.10	17.9	3
20	256QAM	50	24	16.02	16.30	16.11		
20	256QAM	50	50	16.08	16.18	16.13		
20	256QAM	100	0	16.05	16.22	15.99		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.27	19.30	19.16	20.9	0
15	QPSK	1	37	19.23	19.36	19.32		
15	QPSK	1	74	19.24	19.32	19.19		
15	QPSK	36	0	19.02	19.16	19.10	20.9	0
15	QPSK	36	20	19.17	19.25	19.19		
15	QPSK	36	39	19.09	19.32	19.21		
15	QPSK	75	0	18.92	19.12	19.06		
15	16QAM	1	0	19.12	19.25	18.92	20.9	0
15	16QAM	1	37	19.10	19.06	19.04		
15	16QAM	1	74	19.09	19.21	18.97		
15	16QAM	36	0	19.00	19.13	18.98	20.9	0
15	16QAM	36	20	19.02	19.25	18.93		
15	16QAM	36	39	19.12	19.07	18.94		
15	16QAM	75	0	18.98	19.11	18.94		
15	64QAM	1	0	19.08	19.24	19.03	20.9	0
15	64QAM	1	37	18.95	19.06	18.97		
15	64QAM	1	74	19.07	19.17	18.99		
15	64QAM	36	0	17.99	18.11	17.98	19.9	1
15	64QAM	36	20	17.99	18.09	17.97		
15	64QAM	36	39	17.99	18.13	17.97		
15	64QAM	75	0	18.05	18.15	17.98		
15	256QAM	1	0	16.00	16.20	16.05	17.9	3
15	256QAM	1	37	15.91	16.07	15.98		
15	256QAM	1	74	16.00	16.16	16.03		
15	256QAM	36	0	15.90	16.26	16.01	17.9	3
15	256QAM	36	20	15.96	16.18	16.04		
15	256QAM	36	39	16.03	16.09	16.00		
15	256QAM	75	0	16.03	16.13	15.97		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.20	19.43	19.21	20.9	0
10	QPSK	1	25	19.28	19.45	19.32		
10	QPSK	1	49	19.12	19.38	19.25		
10	QPSK	25	0	18.92	19.06	19.19	20.9	0
10	QPSK	25	12	19.14	19.24	19.18		
10	QPSK	25	25	19.05	19.22	19.12		
10	QPSK	50	0	18.98	19.10	19.06		
10	16QAM	1	0	19.10	19.17	18.94	20.9	0
10	16QAM	1	25	19.06	19.08	18.98		
10	16QAM	1	49	19.10	19.26	18.98		
10	16QAM	25	0	19.03	19.10	19.01	20.9	0
10	16QAM	25	12	19.02	19.11	19.04		
10	16QAM	25	25	19.10	19.11	18.98		
10	16QAM	50	0	18.97	19.13	18.92		
10	64QAM	1	0	18.98	19.25	19.04	20.9	0
10	64QAM	1	25	19.00	19.18	18.97		
10	64QAM	1	49	18.98	19.10	19.00		
10	64QAM	25	0	18.00	18.16	18.06	19.9	1
10	64QAM	25	12	17.91	18.14	17.96		
10	64QAM	25	25	17.94	18.14	17.99		
10	64QAM	50	0	18.01	18.21	17.96		
10	256QAM	1	0	16.01	16.16	16.11	17.9	3
10	256QAM	1	25	15.95	16.04	15.99		
10	256QAM	1	49	16.08	16.26	15.99		
10	256QAM	25	0	15.96	16.15	16.09	17.9	3
10	256QAM	25	12	15.95	16.16	16.10		
10	256QAM	25	25	15.96	16.15	15.99		
10	256QAM	50	0	16.02	16.15	16.08		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.19	19.31	19.17	20.9	0
5	QPSK	1	12	19.24	19.45	19.33		
5	QPSK	1	24	19.21	19.35	19.20		
5	QPSK	12	0	18.92	19.20	19.18	20.9	0
5	QPSK	12	7	19.05	19.29	19.16		
5	QPSK	12	13	19.03	19.29	19.12		
5	QPSK	25	0	18.95	19.15	18.99		
5	16QAM	1	0	19.13	19.12	19.04	20.9	0
5	16QAM	1	12	19.12	19.07	19.00		
5	16QAM	1	24	19.00	19.15	18.91		
5	16QAM	12	0	19.02	19.11	18.94	20.9	0
5	16QAM	12	7	19.01	19.23	18.98		
5	16QAM	12	13	19.05	19.11	18.93		
5	16QAM	25	0	19.05	19.15	18.98		
5	64QAM	1	0	19.09	19.14	19.04	20.9	0
5	64QAM	1	12	18.94	19.20	18.94		
5	64QAM	1	24	19.05	19.16	19.02		
5	64QAM	12	0	18.01	18.12	18.07	19.9	1
5	64QAM	12	7	17.97	18.16	18.09		
5	64QAM	12	13	17.96	18.07	18.01		
5	64QAM	25	0	18.00	18.11	17.98		
5	256QAM	1	0	16.00	16.16	16.08	17.9	3
5	256QAM	1	12	15.92	16.15	15.97		
5	256QAM	1	24	15.99	16.20	16.06		
5	256QAM	12	0	15.92	16.24	15.99	17.9	3
5	256QAM	12	7	15.95	16.26	16.05		
5	256QAM	12	13	15.97	16.08	16.07		
5	256QAM	25	0	16.02	16.12	15.98		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.27	19.32	19.19	20.9	0
3	QPSK	1	8	19.30	19.34	19.21		
3	QPSK	1	14	19.20	19.31	19.29		
3	QPSK	8	0	18.97	19.09	19.10	20.9	0
3	QPSK	8	4	19.11	19.28	19.18		
3	QPSK	8	7	19.03	19.31	19.07		
3	QPSK	15	0	19.08	19.12	18.95		
3	16QAM	1	0	19.06	19.17	18.93	20.9	0
3	16QAM	1	8	19.11	19.03	19.01		
3	16QAM	1	14	19.02	19.20	18.92		
3	16QAM	8	0	18.99	19.05	18.97	20.9	0
3	16QAM	8	4	18.97	19.19	19.03		
3	16QAM	8	7	19.04	19.14	18.90		
3	16QAM	15	0	18.93	19.09	18.97		
3	64QAM	1	0	19.02	19.19	19.06	20.9	0
3	64QAM	1	8	18.94	19.18	19.02		
3	64QAM	1	14	19.11	19.09	19.01		
3	64QAM	8	0	18.03	18.10	17.98	19.9	1
3	64QAM	8	4	17.94	18.11	17.95		
3	64QAM	8	7	17.94	18.11	18.01		
3	64QAM	15	0	17.99	18.24	17.96		
3	256QAM	1	0	16.05	16.17	16.08	17.9	3
3	256QAM	1	8	15.94	16.13	16.02		
3	256QAM	1	14	16.02	16.28	15.98		
3	256QAM	8	0	15.97	16.15	16.06	17.9	3
3	256QAM	8	4	15.98	16.22	16.05		
3	256QAM	8	7	16.03	16.06	16.05		
3	256QAM	15	0	15.96	16.20	15.92		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.18	19.19	19.09	20.9	0
1.4	QPSK	1	3	19.26	19.33	19.16		
1.4	QPSK	1	5	19.06	19.21	19.15		
1.4	QPSK	3	0	18.91	18.94	19.01		
1.4	QPSK	3	1	18.98	19.27	19.09		
1.4	QPSK	3	3	19.02	19.26	19.01		
1.4	QPSK	6	0	19.05	19.07	18.92	20.9	0
1.4	16QAM	1	0	18.96	19.15	18.92	20.9	0
1.4	16QAM	1	3	19.07	18.95	18.91		
1.4	16QAM	1	5	19.09	19.17	18.98		
1.4	16QAM	3	0	19.07	18.99	18.95		
1.4	16QAM	3	1	19.05	19.04	18.92		
1.4	16QAM	3	3	18.91	19.10	19.01		
1.4	16QAM	6	0	19.03	18.96	19.03	20.9	0
1.4	64QAM	1	0	19.00	19.14	18.91	20.9	0
1.4	64QAM	1	3	19.02	19.17	18.90		
1.4	64QAM	1	5	18.97	19.01	18.97		
1.4	64QAM	3	0	18.92	19.12	19.06		
1.4	64QAM	3	1	18.94	19.11	19.03		
1.4	64QAM	3	3	18.94	18.91	19.07		
1.4	64QAM	6	0	17.94	18.18	18.02	19.9	1
1.4	256QAM	1	0	15.92	16.03	15.99	17.9	3
1.4	256QAM	1	3	15.90	16.09	15.90		
1.4	256QAM	1	5	16.09	16.14	16.05		
1.4	256QAM	3	0	15.94	16.09	16.00		
1.4	256QAM	3	1	16.04	16.08	16.04		
1.4	256QAM	3	3	15.98	15.97	15.96		
1.4	256QAM	6	0	16.01	16.08	15.91	17.9	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	21.38	21.43	21.35	23	0
20	QPSK	1	49	21.42	21.52	21.36		
20	QPSK	1	99	21.38	21.44	21.27		
20	QPSK	50	0	21.24	21.35	21.11	23	0
20	QPSK	50	24	21.31	21.50	21.22		
20	QPSK	50	50	21.19	21.46	21.15		
20	QPSK	100	0	21.25	21.43	21.14		
20	16QAM	1	0	21.21	21.45	21.07	23	0
20	16QAM	1	49	21.16	21.42	21.16		
20	16QAM	1	99	21.26	21.35	21.16		
20	16QAM	50	0	21.28	21.38	21.12	23	0
20	16QAM	50	24	21.25	21.44	21.09		
20	16QAM	50	50	21.24	21.41	21.12		
20	16QAM	100	0	21.24	21.40	21.09		
20	64QAM	1	0	21.20	21.35	21.17	23	0
20	64QAM	1	49	21.23	21.35	21.07		
20	64QAM	1	99	21.19	21.40	21.21		
20	64QAM	50	0	20.29	20.41	20.21	22	1
20	64QAM	50	24	20.24	20.41	20.15		
20	64QAM	50	50	20.22	20.41	20.12		
20	64QAM	100	0	20.19	20.44	20.18		
20	256QAM	1	0	18.22	18.42	18.20	20	3
20	256QAM	1	49	18.30	18.44	18.21		
20	256QAM	1	99	18.25	18.36	18.10		
20	256QAM	50	0	18.28	18.49	18.16	20	3
20	256QAM	50	24	18.18	18.35	18.16		
20	256QAM	50	50	18.29	18.45	18.09		
20	256QAM	100	0	18.17	18.43	18.20		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.35	21.38	21.33	23	0
15	QPSK	1	37	21.40	21.43	21.44		
15	QPSK	1	74	21.37	21.43	21.35		
15	QPSK	36	0	21.12	21.30	21.20	23	0
15	QPSK	36	20	21.17	21.39	21.20		
15	QPSK	36	39	21.09	21.32	21.20		
15	QPSK	75	0	21.11	21.40	21.14		
15	16QAM	1	0	21.07	21.34	21.04	23	0
15	16QAM	1	37	21.01	21.27	21.22		
15	16QAM	1	74	21.18	21.23	21.13		
15	16QAM	36	0	21.25	21.26	21.11	23	0
15	16QAM	36	20	21.10	21.39	21.06		
15	16QAM	36	39	21.15	21.40	21.14		
15	16QAM	75	0	21.16	21.25	21.05		
15	64QAM	1	0	21.19	21.24	21.19	23	0
15	64QAM	1	37	21.11	21.25	21.07		
15	64QAM	1	74	21.09	21.28	21.19		
15	64QAM	36	0	20.26	20.30	20.20	22	1
15	64QAM	36	20	20.13	20.31	20.21		
15	64QAM	36	39	20.08	20.35	20.17		
15	64QAM	75	0	20.17	20.37	20.14		
15	256QAM	1	0	18.16	18.35	18.23	20	3
15	256QAM	1	37	18.17	18.39	18.29		
15	256QAM	1	74	18.23	18.30	18.17		
15	256QAM	36	0	18.17	18.35	18.18	20	3
15	256QAM	36	20	18.07	18.33	18.21		
15	256QAM	36	39	18.24	18.37	18.15		
15	256QAM	75	0	18.09	18.33	18.21		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.33	21.34	21.27	23	0
10	QPSK	1	25	21.38	21.50	21.24		
10	QPSK	1	49	21.36	21.36	21.12		
10	QPSK	25	0	21.09	21.33	21.05	23	0
10	QPSK	25	12	21.26	21.36	21.13		
10	QPSK	25	25	21.18	21.37	21.04		
10	QPSK	50	0	21.14	21.30	21.06		
10	16QAM	1	0	21.14	21.31	21.08	23	0
10	16QAM	1	25	21.08	21.29	21.02		
10	16QAM	1	49	21.17	21.22	21.03		
10	16QAM	25	0	21.22	21.26	21.10	23	0
10	16QAM	25	12	21.21	21.30	21.07		
10	16QAM	25	25	21.15	21.30	21.03		
10	16QAM	50	0	21.17	21.26	21.06		
10	64QAM	1	0	21.13	21.23	21.07	23	0
10	64QAM	1	25	21.16	21.34	21.02		
10	64QAM	1	49	21.15	21.30	21.13		
10	64QAM	25	0	20.22	20.26	20.08	22	1
10	64QAM	25	12	20.15	20.39	20.02		
10	64QAM	25	25	20.08	20.33	20.07		
10	64QAM	50	0	20.16	20.32	20.08		
10	256QAM	1	0	18.08	18.32	18.17	20	3
10	256QAM	1	25	18.26	18.42	18.13		
10	256QAM	1	49	18.10	18.34	18.05		
10	256QAM	25	0	18.15	18.46	18.04	20	3
10	256QAM	25	12	18.14	18.32	18.12		
10	256QAM	25	25	18.20	18.33	18.02		
10	256QAM	50	0	18.05	18.28	18.10		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.23	21.32	21.21	23	0
5	QPSK	1	12	21.31	21.43	21.32		
5	QPSK	1	24	21.24	21.37	21.18		
5	QPSK	12	0	21.23	21.31	21.08	23	0
5	QPSK	12	7	21.22	21.38	21.11		
5	QPSK	12	13	21.08	21.41	21.10		
5	QPSK	25	0	21.12	21.39	21.11		
5	16QAM	1	0	21.17	21.40	21.02	23	0
5	16QAM	1	12	21.04	21.33	21.13		
5	16QAM	1	24	21.15	21.34	21.12		
5	16QAM	12	0	21.24	21.37	21.09	23	0
5	16QAM	12	7	21.16	21.37	21.08		
5	16QAM	12	13	21.20	21.37	21.05		
5	16QAM	25	0	21.16	21.39	21.06		
5	64QAM	1	0	21.15	21.22	21.06	23	0
5	64QAM	1	12	21.22	21.20	21.05		
5	64QAM	1	24	21.05	21.38	21.16		
5	64QAM	12	0	20.22	20.36	20.12	22	1
5	64QAM	12	7	20.21	20.39	20.08		
5	64QAM	12	13	20.19	20.29	20.03		
5	64QAM	25	0	20.08	20.40	20.03		
5	256QAM	1	0	18.17	18.39	18.17	20	3
5	256QAM	1	12	18.19	18.37	18.18		
5	256QAM	1	24	18.22	18.34	18.09		
5	256QAM	12	0	18.25	18.48	18.01	20	3
5	256QAM	12	7	18.06	18.27	18.04		
5	256QAM	12	13	18.18	18.44	18.04		
5	256QAM	25	0	18.14	18.33	18.07		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.33	21.36	21.21	23	0
3	QPSK	1	8	21.33	21.46	21.35		
3	QPSK	1	14	21.32	21.36	21.24		
3	QPSK	8	0	21.12	21.20	21.01	23	0
3	QPSK	8	4	21.18	21.48	21.09		
3	QPSK	8	7	21.15	21.35	21.13		
3	QPSK	15	0	21.16	21.40	21.04		
3	16QAM	1	0	21.20	21.39	21.02	23	0
3	16QAM	1	8	21.03	21.28	21.13		
3	16QAM	1	14	21.18	21.34	21.15		
3	16QAM	8	0	21.18	21.26	21.09	23	0
3	16QAM	8	4	21.14	21.30	21.04		
3	16QAM	8	7	21.23	21.36	21.09		
3	16QAM	15	0	21.19	21.37	21.08		
3	64QAM	1	0	21.19	21.29	21.02	23	0
3	64QAM	1	8	21.19	21.28	21.00		
3	64QAM	1	14	21.04	21.26	21.09		
3	64QAM	8	0	20.28	20.32	20.09	22	1
3	64QAM	8	4	20.13	20.40	20.06		
3	64QAM	8	7	20.11	20.31	20.09		
3	64QAM	15	0	20.12	20.36	20.06		
3	256QAM	1	0	18.15	18.28	18.07	20	3
3	256QAM	1	8	18.24	18.33	18.20		
3	256QAM	1	14	18.20	18.27	18.01		
3	256QAM	8	0	18.27	18.36	18.07	20	3
3	256QAM	8	4	18.10	18.26	18.06		
3	256QAM	8	7	18.24	18.38	18.08		
3	256QAM	15	0	18.03	18.38	18.05		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.34	21.37	21.22	23	0
1.4	QPSK	1	3	21.29	21.42	21.23		
1.4	QPSK	1	5	21.37	21.43	21.18		
1.4	QPSK	3	0	21.10	21.33	21.03		
1.4	QPSK	3	1	21.20	21.43	21.21		
1.4	QPSK	3	3	21.13	21.44	21.11		
1.4	QPSK	6	0	21.14	21.32	21.10	23	0
1.4	16QAM	1	0	21.13	21.44	21.03	23	0
1.4	16QAM	1	3	21.03	21.30	21.08		
1.4	16QAM	1	5	21.23	21.24	21.04		
1.4	16QAM	3	0	21.14	21.24	21.01		
1.4	16QAM	3	1	21.23	21.35	21.01		
1.4	16QAM	3	3	21.22	21.36	21.08		
1.4	16QAM	6	0	21.12	21.37	21.07	23	0
1.4	64QAM	1	0	21.06	21.26	21.13	23	0
1.4	64QAM	1	3	21.22	21.20	21.06		
1.4	64QAM	1	5	21.08	21.35	21.18		
1.4	64QAM	3	0	21.03	21.13	21.08		
1.4	64QAM	3	1	21.10	21.11	21.03		
1.4	64QAM	3	3	21.00	21.26	21.12		
1.4	64QAM	6	0	20.09	20.39	20.10	22	1
1.4	256QAM	1	0	18.07	18.36	18.19	20	3
1.4	256QAM	1	3	18.29	18.38	18.20		
1.4	256QAM	1	5	18.11	18.35	18.09		
1.4	256QAM	3	0	18.19	18.41	18.10		
1.4	256QAM	3	1	18.04	18.32	18.09		
1.4	256QAM	3	3	18.25	18.39	18.01		
1.4	256QAM	6	0	18.13	18.35	18.08	20	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.28	21.32	21.24	22.3	0
20	QPSK	1	49	21.35	21.38	21.31		
20	QPSK	1	99	21.23	21.24	21.15		
20	QPSK	50	0	20.30	20.33	20.26	21.3	1
20	QPSK	50	24	20.31	20.36	20.27		
20	QPSK	50	50	20.22	20.28	20.17		
20	QPSK	100	0	20.26	20.31	20.18		
20	16QAM	1	0	20.23	20.30	20.19	21.3	1
20	16QAM	1	49	20.34	20.42	20.32		
20	16QAM	1	99	20.23	20.29	20.22		
20	16QAM	50	0	19.23	19.28	19.19	20.3	2
20	16QAM	50	24	19.24	19.30	19.24		
20	16QAM	50	50	19.19	19.25	19.20		
20	16QAM	100	0	19.22	19.28	19.26		
20	64QAM	1	0	19.21	19.26	19.26	20.3	2
20	64QAM	1	49	19.27	19.35	19.38		
20	64QAM	1	99	19.08	19.18	19.19		
20	64QAM	50	0	18.16	18.24	18.23	19.3	3
20	64QAM	50	24	18.21	18.28	18.27		
20	64QAM	50	50	18.14	18.23	18.21		
20	64QAM	100	0	18.16	18.23	18.22		
20	256QAM	1	0	16.15	16.23	16.19	17.3	5
20	256QAM	1	49	16.28	16.35	16.32		
20	256QAM	1	99	16.15	16.23	16.21		
20	256QAM	50	0	16.25	16.35	16.34	17.3	5
20	256QAM	50	24	16.34	16.45	16.42		
20	256QAM	50	50	16.33	16.41	16.36		
20	256QAM	100	0	16.30	16.37	16.36		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.28	21.31	21.19	22.3	0
15	QPSK	1	37	21.34	21.31	21.21		
15	QPSK	1	74	21.15	21.15	21.10		
15	QPSK	36	0	20.24	20.29	20.17	21.3	1
15	QPSK	36	20	20.29	20.26	20.22		
15	QPSK	36	39	20.16	20.24	20.17		
15	QPSK	75	0	20.20	20.26	20.13	21.3	1
15	16QAM	1	0	20.21	20.21	20.17		
15	16QAM	1	37	20.31	20.34	20.27		
15	16QAM	1	74	20.12	20.21	20.19		
15	16QAM	36	0	19.21	19.27	19.20	20.3	2
15	16QAM	36	20	19.17	19.27	19.17		
15	16QAM	36	39	19.15	19.16	19.16		
15	16QAM	75	0	19.16	19.17	19.17		
15	64QAM	1	0	19.00	19.18	19.21	20.3	2
15	64QAM	1	37	19.19	19.28	19.27		
15	64QAM	1	74	19.01	19.15	19.11		
15	64QAM	36	0	18.13	18.12	18.22	19.3	3
15	64QAM	36	20	18.12	18.21	18.20		
15	64QAM	36	39	18.07	18.22	18.15		
15	64QAM	75	0	18.14	18.18	18.20		
15	256QAM	1	0	16.13	16.17	16.19	17.3	5
15	256QAM	1	37	16.26	16.36	16.32		
15	256QAM	1	74	16.06	16.20	16.16		
15	256QAM	36	0	16.26	16.32	16.34	17.3	5
15	256QAM	36	20	16.29	16.41	16.37		
15	256QAM	36	39	16.29	16.39	16.35		
15	256QAM	75	0	16.25	16.32	16.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.20	21.27	21.12	22.3	0
10	QPSK	1	25	21.31	21.32	21.27		
10	QPSK	1	49	21.13	21.18	21.05		
10	QPSK	25	0	20.24	20.30	20.22	21.3	1
10	QPSK	25	12	20.31	20.34	20.28		
10	QPSK	25	25	20.15	20.26	20.09		
10	QPSK	50	0	20.23	20.31	20.13		
10	16QAM	1	0	20.19	20.24	20.10	21.3	1
10	16QAM	1	25	20.26	20.39	20.27		
10	16QAM	1	49	20.21	20.25	20.14		
10	16QAM	25	0	19.16	19.26	19.10	20.3	2
10	16QAM	25	12	19.16	19.25	19.22		
10	16QAM	25	25	19.10	19.22	19.21		
10	16QAM	50	0	19.13	19.23	19.16		
10	64QAM	1	0	19.18	19.18	19.21	20.3	2
10	64QAM	1	25	19.24	19.30	19.29		
10	64QAM	1	49	19.06	19.16	19.14		
10	64QAM	25	0	18.14	18.18	18.23	19.3	3
10	64QAM	25	12	18.14	18.21	18.16		
10	64QAM	25	25	18.04	18.17	18.18		
10	64QAM	50	0	18.08	18.20	18.20		
10	256QAM	1	0	16.07	16.22	16.14	17.3	5
10	256QAM	1	25	16.18	16.34	16.25		
10	256QAM	1	49	16.08	16.16	16.16		
10	256QAM	25	0	16.14	16.27	16.23	17.3	5
10	256QAM	25	12	16.23	16.44	16.30		
10	256QAM	25	25	16.28	16.35	16.29		
10	256QAM	50	0	16.22	16.29	16.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.25	21.24	21.14	22.3	0
5	QPSK	1	12	21.25	21.36	21.29		
5	QPSK	1	24	21.16	21.13	21.12		
5	QPSK	12	0	20.27	20.32	20.19	21.3	1
5	QPSK	12	7	20.24	20.32	20.17		
5	QPSK	12	13	20.22	20.19	20.16		
5	QPSK	25	0	20.17	20.27	20.11		
5	16QAM	1	0	20.15	20.25	20.15	21.3	1
5	16QAM	1	12	20.26	20.36	20.27		
5	16QAM	1	24	20.16	20.27	20.19		
5	16QAM	12	0	19.20	19.25	19.19	20.3	2
5	16QAM	12	7	19.17	19.18	19.19		
5	16QAM	12	13	19.07	19.22	19.18		
5	16QAM	25	0	19.18	19.19	19.17		
5	64QAM	1	0	19.13	19.18	19.14	20.3	2
5	64QAM	1	12	19.23	19.36	19.32		
5	64QAM	1	24	19.03	19.13	19.18		
5	64QAM	12	0	18.13	18.14	18.20	19.3	3
5	64QAM	12	7	18.11	18.22	18.17		
5	64QAM	12	13	18.06	18.18	18.16		
5	64QAM	25	0	18.06	18.16	18.16		
5	256QAM	1	0	16.07	16.18	16.09	17.3	5
5	256QAM	1	12	16.23	16.30	16.30		
5	256QAM	1	24	16.15	16.17	16.18		
5	256QAM	12	0	16.23	16.32	16.27	17.3	5
5	256QAM	12	7	16.32	16.37	16.34		
5	256QAM	12	13	16.32	16.35	16.30		
5	256QAM	25	0	16.32	16.32	16.31		

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BW [MHz]	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	20.26	20.39	20.24	21.5	0
20	QPSK	1	49	20.49	20.41	20.28		
20	QPSK	1	99	20.26	20.35	20.19		
20	QPSK	50	0	20.24	20.33	20.18	21.5	0
20	QPSK	50	24	20.30	20.39	20.27		
20	QPSK	50	50	20.23	20.35	20.19		
20	QPSK	100	0	20.17	20.36	20.20		
20	16QAM	1	0	20.25	20.24	20.22	21.5	0
20	16QAM	1	49	20.15	20.26	20.25		
20	16QAM	1	99	20.18	20.31	20.15		
20	16QAM	50	0	20.28	20.38	20.13	21.5	0
20	16QAM	50	24	20.15	20.33	20.14		
20	16QAM	50	50	20.21	20.28	20.26		
20	16QAM	100	0	20.25	20.37	20.24		
20	64QAM	1	0	20.22	20.30	20.13	21.5	0
20	64QAM	1	49	20.20	20.28	20.25		
20	64QAM	1	99	20.29	20.26	20.12		
20	64QAM	50	0	19.68	19.83	19.65	21	0.5
20	64QAM	50	24	19.66	19.81	19.67		
20	64QAM	50	50	19.71	19.76	19.75		
20	64QAM	100	0	19.78	19.88	19.66		
20	256QAM	1	0	17.76	17.76	17.69	19	2.5
20	256QAM	1	49	17.77	17.83	17.69		
20	256QAM	1	99	17.69	17.83	17.67		
20	256QAM	50	0	17.78	17.88	17.69	19	2.5
20	256QAM	50	24	17.79	17.75	17.71		
20	256QAM	50	50	17.70	17.81	17.76		
20	256QAM	100	0	17.68	17.85	17.72		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.21	20.33	20.11	21.5	0
15	QPSK	1	37	20.32	20.37	20.20		
15	QPSK	1	74	20.14	20.27	20.05		
15	QPSK	36	0	20.12	20.25	20.06	21.5	0
15	QPSK	36	20	20.29	20.24	20.25		
15	QPSK	36	39	20.18	20.29	20.16		
15	QPSK	75	0	20.13	20.31	20.18	21.5	0
15	16QAM	1	0	20.24	20.20	20.12		
15	16QAM	1	37	20.13	20.22	20.20		
15	16QAM	1	74	20.10	20.17	20.03		
15	16QAM	36	0	20.18	20.33	20.00	21.5	0
15	16QAM	36	20	20.11	20.30	20.10		
15	16QAM	36	39	20.12	20.26	20.19		
15	16QAM	75	0	20.16	20.23	20.21		
15	64QAM	1	0	20.16	20.24	20.06	21.5	0
15	64QAM	1	37	20.07	20.25	20.17		
15	64QAM	1	74	20.27	20.13	19.97		
15	64QAM	36	0	19.57	19.74	19.64	21	0.5
15	64QAM	36	20	19.51	19.66	19.66		
15	64QAM	36	39	19.66	19.65	19.73		
15	64QAM	75	0	19.73	19.82	19.64		
15	256QAM	1	0	17.64	17.71	17.62	19	2.5
15	256QAM	1	37	17.75	17.78	17.67		
15	256QAM	1	74	17.62	17.78	17.65		
15	256QAM	36	0	17.74	17.80	17.68	19	2.5
15	256QAM	36	20	17.71	17.67	17.63		
15	256QAM	36	39	17.57	17.77	17.62		
15	256QAM	75	0	17.64	17.81	17.64		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.23	20.28	20.15	21.5	0
10	QPSK	1	25	20.33	20.33	20.14		
10	QPSK	1	49	20.24	20.31	20.15		
10	QPSK	25	0	20.23	20.26	20.03	21.5	0
10	QPSK	25	12	20.17	20.31	20.26		
10	QPSK	25	25	20.10	20.27	20.10		
10	QPSK	50	0	20.03	20.23	20.11		
10	16QAM	1	0	20.15	20.14	20.09	21.5	0
10	16QAM	1	25	20.02	20.19	20.14		
10	16QAM	1	49	20.12	20.30	20.11		
10	16QAM	25	0	20.16	20.27	20.05	21.5	0
10	16QAM	25	12	20.03	20.27	20.11		
10	16QAM	25	25	20.07	20.18	20.11		
10	16QAM	50	0	20.24	20.29	20.17		
10	64QAM	1	0	20.13	20.21	20.09	21.5	0
10	64QAM	1	25	20.07	20.19	20.17		
10	64QAM	1	49	20.15	20.20	20.04		
10	64QAM	25	0	19.66	19.70	19.63	21	0.5
10	64QAM	25	12	19.59	19.72	19.56		
10	64QAM	25	25	19.67	19.67	19.64		
10	64QAM	50	0	19.66	19.80	19.57		
10	256QAM	1	0	17.66	17.71	17.54	19	2.5
10	256QAM	1	25	17.69	17.73	17.65		
10	256QAM	1	49	17.62	17.68	17.63		
10	256QAM	25	0	17.68	17.77	17.64	19	2.5
10	256QAM	25	12	17.66	17.60	17.69		
10	256QAM	25	25	17.67	17.71	17.75		
10	256QAM	50	0	17.58	17.64	17.63		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.15	20.33	20.16	21.5	0
5	QPSK	1	12	20.30	20.35	20.20		
5	QPSK	1	24	20.11	20.32	20.08		
5	QPSK	12	0	20.18	20.31	20.20	21.5	0
5	QPSK	12	7	20.25	20.32	20.14		
5	QPSK	12	13	20.09	20.22	20.05		
5	QPSK	25	0	20.12	20.26	20.15		
5	16QAM	1	0	20.18	20.20	20.18	21.5	0
5	16QAM	1	12	20.04	20.11	20.23		
5	16QAM	1	24	20.07	20.25	20.09		
5	16QAM	12	0	20.18	20.32	20.01	21.5	0
5	16QAM	12	7	20.07	20.30	20.00		
5	16QAM	12	13	20.17	20.14	20.15		
5	16QAM	25	0	20.21	20.34	20.11		
5	64QAM	1	0	20.12	20.23	20.03	21.5	0
5	64QAM	1	12	20.17	20.26	20.13		
5	64QAM	1	24	20.28	20.19	20.10		
5	64QAM	12	0	19.62	19.72	19.58	21	0.5
5	64QAM	12	7	19.51	19.79	19.58		
5	64QAM	12	13	19.62	19.61	19.61		
5	64QAM	25	0	19.75	19.73	19.62		
5	256QAM	1	0	17.71	17.75	17.64	19	2.5
5	256QAM	1	12	17.71	17.75	17.58		
5	256QAM	1	24	17.57	17.71	17.57		
5	256QAM	12	0	17.74	17.78	17.65	19	2.5
5	256QAM	12	7	17.72	17.61	17.66		
5	256QAM	12	13	17.57	17.73	17.69		
5	256QAM	25	0	17.56	17.76	17.61		

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BW [MHz]	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	20.26	20.28	20.31	21.9	0
20	QPSK	1	49	20.31	20.37	20.33		
20	QPSK	1	99	20.25	20.24	20.31		
20	QPSK	50	0	20.13	20.30	20.25	21.9	0
20	QPSK	50	24	20.21	20.31	20.30		
20	QPSK	50	50	20.19	20.23	20.21		
20	QPSK	100	0	20.17	20.20	20.19		
20	16QAM	1	0	20.06	20.26	20.22	21.9	0
20	16QAM	1	49	20.16	20.26	20.24		
20	16QAM	1	99	20.14	20.22	20.20		
20	16QAM	50	0	19.15	19.30	19.19	20.9	1
20	16QAM	50	24	19.07	19.25	19.23		
20	16QAM	50	50	19.12	19.17	19.18		
20	16QAM	100	0	19.15	19.23	19.17		
20	64QAM	1	0	19.15	19.16	19.21	20.9	1
20	64QAM	1	49	19.20	19.27	19.20		
20	64QAM	1	99	19.08	19.22	19.16		
20	64QAM	50	0	18.08	18.27	18.27	19.9	2
20	64QAM	50	24	18.17	18.19	18.27		
20	64QAM	50	50	18.19	18.24	18.19		
20	64QAM	100	0	18.10	18.18	18.20		
20	256QAM	1	0	16.18	16.20	16.29	17.9	4
20	256QAM	1	49	16.10	16.18	16.20		
20	256QAM	1	99	16.18	16.17	16.24		
20	256QAM	50	0	16.12	16.18	16.17	17.9	4
20	256QAM	50	24	16.08	16.25	16.29		
20	256QAM	50	50	16.15	16.18	16.26		
20	256QAM	100	0	16.19	16.28	16.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.24	20.14	20.27	21.9	0
15	QPSK	1	37	20.16	20.23	20.32		
15	QPSK	1	74	20.10	20.13	20.19		
15	QPSK	36	0	20.07	20.24	20.12	21.9	0
15	QPSK	36	20	20.15	20.29	20.15		
15	QPSK	36	39	20.06	20.08	20.17		
15	QPSK	75	0	20.03	20.05	20.04	21.9	0
15	16QAM	1	0	20.01	20.12	20.08		
15	16QAM	1	37	20.08	20.14	20.16		
15	16QAM	1	74	20.13	20.07	20.12		
15	16QAM	36	0	19.13	19.26	19.14	20.9	1
15	16QAM	36	20	19.01	19.21	19.08		
15	16QAM	36	39	18.99	19.13	19.15		
15	16QAM	75	0	19.02	19.19	19.04		
15	64QAM	1	0	19.00	19.04	19.13	20.9	1
15	64QAM	1	37	19.08	19.17	19.09		
15	64QAM	1	74	19.03	19.20	19.12		
15	64QAM	36	0	18.00	18.19	18.13	19.9	2
15	64QAM	36	20	18.04	18.06	18.19		
15	64QAM	36	39	18.14	18.18	18.15		
15	64QAM	75	0	18.07	18.05	18.08		
15	256QAM	1	0	16.14	16.15	16.23	17.9	4
15	256QAM	1	37	16.06	16.17	16.08		
15	256QAM	1	74	16.08	16.05	16.15		
15	256QAM	36	0	16.10	16.13	16.07	17.9	4
15	256QAM	36	20	15.95	16.17	16.25		
15	256QAM	36	39	16.01	16.07	16.12		
15	256QAM	75	0	16.08	16.21	16.05		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.15	20.25	20.19	21.9	0
10	QPSK	1	25	20.19	20.22	20.27		
10	QPSK	1	49	20.13	20.19	20.23		
10	QPSK	25	0	20.12	20.18	20.24	21.9	0
10	QPSK	25	12	20.18	20.17	20.23		
10	QPSK	25	25	20.12	20.18	20.13		
10	QPSK	50	0	20.05	20.11	20.12		
10	16QAM	1	0	19.99	20.15	20.15	21.9	0
10	16QAM	1	25	20.05	20.20	20.21		
10	16QAM	1	49	20.09	20.13	20.19		
10	16QAM	25	0	19.09	19.21	19.12	20.9	1
10	16QAM	25	12	18.97	19.18	19.17		
10	16QAM	25	25	18.98	19.13	19.13		
10	16QAM	50	0	19.03	19.08	19.12		
10	64QAM	1	0	19.14	19.05	19.17	20.9	1
10	64QAM	1	25	19.13	19.20	19.14		
10	64QAM	1	49	19.05	19.08	19.09		
10	64QAM	25	0	17.96	18.24	18.21	19.9	2
10	64QAM	25	12	18.14	18.13	18.24		
10	64QAM	25	25	18.17	18.21	18.12		
10	64QAM	50	0	18.05	18.10	18.16		
10	256QAM	1	0	16.07	16.18	16.14	17.9	4
10	256QAM	1	25	15.99	16.11	16.08		
10	256QAM	1	49	16.15	16.05	16.10		
10	256QAM	25	0	16.01	16.08	16.04	17.9	4
10	256QAM	25	12	16.01	16.11	16.19		
10	256QAM	25	25	16.00	16.12	16.12		
10	256QAM	50	0	16.03	16.26	16.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.22	20.15	20.20	21.9	0
5	QPSK	1	12	20.18	20.26	20.29		
5	QPSK	1	24	20.19	20.13	20.29		
5	QPSK	12	0	19.99	20.15	20.20	21.9	0
5	QPSK	12	7	20.12	20.24	20.22		
5	QPSK	12	13	20.16	20.19	20.10		
5	QPSK	25	0	20.15	20.12	20.04		
5	16QAM	1	0	20.03	20.21	20.09	21.9	0
5	16QAM	1	12	20.02	20.13	20.15		
5	16QAM	1	24	20.05	20.18	20.08		
5	16QAM	12	0	19.03	19.17	19.13	20.9	1
5	16QAM	12	7	19.01	19.10	19.09		
5	16QAM	12	13	18.98	19.08	19.07		
5	16QAM	25	0	19.05	19.08	19.10		
5	64QAM	1	0	19.04	19.11	19.19	20.9	1
5	64QAM	1	12	19.22	19.19	19.29		
5	64QAM	1	24	18.93	19.13	19.02		
5	64QAM	12	0	18.07	18.25	18.14	19.9	2
5	64QAM	12	7	18.07	18.05	18.13		
5	64QAM	12	13	18.15	18.15	18.06		
5	64QAM	25	0	17.95	18.07	18.07		
5	256QAM	1	0	16.13	16.13	16.16	17.9	4
5	256QAM	1	12	16.02	16.03	16.09		
5	256QAM	1	24	16.08	16.11	16.09		
5	256QAM	12	0	16.09	16.03	16.13	17.9	4
5	256QAM	12	7	16.02	16.21	16.28		
5	256QAM	12	13	16.02	16.03	16.24		
5	256QAM	25	0	16.05	16.26	16.12		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.37	21.54	21.49	22.5	0
20	QPSK	1	49	21.45	21.62	21.61		
20	QPSK	1	99	21.38	21.61	21.48		
20	QPSK	50	0	21.19	21.54	21.50	22.5	0
20	QPSK	50	24	21.34	21.57	21.51		
20	QPSK	50	50	21.33	21.52	21.37		
20	QPSK	100	0	21.21	21.51	21.48		
20	16QAM	1	0	21.20	21.44	21.36	22.5	0
20	16QAM	1	49	21.21	21.44	21.47		
20	16QAM	1	99	21.25	21.43	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	21.32	21.06	21.35	21.18	21.18	22.3	0
20	QPSK	1	49	21.35	21.13	21.41	21.22	21.26		
20	QPSK	1	99	21.19	20.96	21.22	21.01	21.08		
20	QPSK	50	0	20.30	20.07	20.35	20.11	20.22	21.3	1
20	QPSK	50	24	20.31	20.10	20.36	20.13	20.25		
20	QPSK	50	50	20.30	20.04	20.33	20.10	20.22		
20	QPSK	100	0	20.24	20.02	20.30	20.07	20.16		
20	16QAM	1	0	20.27	20.09	20.36	20.15	20.23	21.3	1
20	16QAM	1	49	20.33	20.17	20.45	20.27	20.33		
20	16QAM	1	99	20.15	20.00	20.28	20.12	20.16		
20	16QAM	50	0	19.23	19.04	19.33	19.20	19.19	20.3	2
20	16QAM	50	24	19.21	19.01	19.32	19.16	19.20		
20	16QAM	50	50	19.21	19.02	19.30	19.16	19.15		
20	16QAM	100	0	19.20	19.01	19.32	19.20	19.19		
20	64QAM	1	0	19.15	18.97	19.28	19.19	19.13	20.3	2
20	64QAM	1	49	19.21	19.05	19.36	19.27	19.23		
20	64QAM	1	99	19.03	18.90	19.20	19.10	19.10		
20	64QAM	50	0	18.21	18.20	18.28	18.23	18.27	19.3	3
20	64QAM	50	24	18.22	18.19	18.30	18.26	18.28		
20	64QAM	50	50	18.14	18.17	18.25	18.21	18.24		
20	64QAM	100	0	18.22	18.18	18.29	18.24	18.28		
20	256QAM	1	0	16.14	16.18	16.25	16.24	16.24	17.3	5
20	256QAM	1	49	16.31	16.30	16.38	16.36	16.36		
20	256QAM	1	99	16.10	16.10	16.21	16.19	16.19		
20	256QAM	50	0	16.33	16.34	16.42	16.41	16.41	17.3	5
20	256QAM	50	24	16.39	16.42	16.50	16.49	16.45		
20	256QAM	50	50	16.33	16.33	16.42	16.41	16.40		
20	256QAM	100	0	16.37	16.38	16.46	16.44	16.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.26	21.00	21.29	21.12	21.17	22.3	0
15	QPSK	1	37	21.32	21.12	21.37	21.20	21.14		
15	QPSK	1	74	21.13	20.95	21.22	20.97	21.00		
15	QPSK	36	0	20.26	20.05	20.23	20.04	20.18	21.3	1
15	QPSK	36	20	20.29	20.03	20.28	20.05	20.23		
15	QPSK	36	39	20.22	19.96	20.27	20.00	20.20		
15	QPSK	75	0	20.17	20.01	20.29	20.07	20.10		
15	16QAM	1	0	20.22	20.00	20.35	20.09	20.18	21.3	1
15	16QAM	1	37	20.22	20.08	20.37	20.17	20.24		
15	16QAM	1	74	20.07	19.95	20.18	20.00	20.06		
15	16QAM	36	0	19.17	18.99	19.28	19.12	19.08	20.3	2
15	16QAM	36	20	19.16	19.00	19.30	19.13	19.08		
15	16QAM	36	39	19.18	18.96	19.27	19.13	19.12		
15	16QAM	75	0	19.12	19.00	19.27	19.16	19.11		
15	64QAM	1	0	19.10	18.89	19.23	19.10	19.08	20.3	2
15	64QAM	1	37	19.17	19.05	19.28	19.24	19.19		
15	64QAM	1	74	18.99	18.82	19.18	19.00	19.05		
15	64QAM	36	0	18.20	18.18	18.18	18.14	18.16	19.3	3
15	64QAM	36	20	18.19	18.15	18.24	18.24	18.23		
15	64QAM	36	39	18.06	18.16	18.21	18.20	18.16		
15	64QAM	75	0	18.18	18.15	18.26	18.23	18.20		
15	256QAM	1	0	16.05	16.06	16.23	16.16	16.20	17.3	5
15	256QAM	1	37	16.23	16.27	16.37	16.29	16.33		
15	256QAM	1	74	16.06	16.05	16.13	16.16	16.09		
15	256QAM	36	0	16.29	16.22	16.38	16.35	16.39	17.3	5
15	256QAM	36	20	16.33	16.37	16.38	16.46	16.40		
15	256QAM	36	39	16.28	16.27	16.41	16.34	16.36		
15	256QAM	75	0	16.32	16.32	16.38	16.38	16.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.25	21.01	21.29	21.16	21.19	22.3	0
10	QPSK	1	25	21.31	21.08	21.33	21.16	21.21		
10	QPSK	1	49	21.16	20.95	21.17	21.01	21.03		
10	QPSK	25	0	20.18	20.02	20.32	20.06	20.15	21.3	1
10	QPSK	25	12	20.27	20.05	20.24	20.05	20.25		
10	QPSK	25	25	20.25	19.98	20.24	20.04	20.10		
10	QPSK	50	0	20.22	19.98	20.25	20.02	20.13		
10	16QAM	1	0	20.20	20.03	20.37	20.04	20.13	21.3	1
10	16QAM	1	25	20.27	20.14	20.37	20.21	20.26		
10	16QAM	1	49	20.11	19.90	20.27	20.08	20.13		
10	16QAM	25	0	19.13	18.92	19.30	19.16	19.11	20.3	2
10	16QAM	25	12	19.20	18.96	19.27	19.11	19.17		
10	16QAM	25	25	19.15	18.96	19.21	19.11	19.11		
10	16QAM	50	0	19.17	18.97	19.21	19.13	19.16		
10	64QAM	1	0	19.08	18.94	19.21	19.10	19.11	20.3	2
10	64QAM	1	25	19.21	19.04	19.31	19.20	19.12		
10	64QAM	1	49	18.92	18.86	19.20	19.00	19.04		
10	64QAM	25	0	18.16	18.16	18.17	18.15	18.23	19.3	3
10	64QAM	25	12	18.19	18.12	18.25	18.23	18.20		
10	64QAM	25	25	18.10	18.12	18.18	18.15	18.21		
10	64QAM	50	0	18.20	18.11	18.27	18.16	18.16		
10	256QAM	1	0	16.12	16.10	16.20	16.17	16.18	17.3	5
10	256QAM	1	25	16.28	16.20	16.29	16.30	16.28		
10	256QAM	1	49	16.06	15.98	16.15	16.14	16.13		
10	256QAM	25	0	16.29	16.35	16.34	16.34	16.39	17.3	5
10	256QAM	25	12	16.28	16.42	16.46	16.45	16.45		
10	256QAM	25	25	16.25	16.26	16.40	16.29	16.37		
10	256QAM	50	0	16.31	16.36	16.40	16.40	16.38		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.28	21.02	21.33	21.08	21.15	22.3	0
5	QPSK	1	12	21.29	21.08	21.40	21.19	21.26		
5	QPSK	1	24	21.16	20.96	21.16	20.94	21.02		
5	QPSK	12	0	20.31	20.03	20.29	20.10	20.18	21.3	1
5	QPSK	12	7	20.29	20.04	20.25	20.05	20.24		
5	QPSK	12	13	20.21	20.00	20.26	19.99	20.13		
5	QPSK	25	0	20.18	19.94	20.25	20.00	20.11		
5	16QAM	1	0	20.21	20.03	20.31	20.12	20.17	21.3	1
5	16QAM	1	12	20.23	20.13	20.36	20.26	20.31		
5	16QAM	1	24	20.13	19.91	20.27	20.08	20.13		
5	16QAM	12	0	19.21	18.98	19.27	19.18	19.16	20.3	2
5	16QAM	12	7	19.21	18.95	19.28	19.11	19.14		
5	16QAM	12	13	19.17	18.99	19.28	19.11	19.09		
5	16QAM	25	0	19.13	18.93	19.21	19.10	19.12		
5	64QAM	1	0	19.13	18.90	19.26	19.08	19.13	20.3	2
5	64QAM	1	12	19.14	19.04	19.26	19.20	19.17		
5	64QAM	1	24	18.96	18.82	19.14	19.05	19.02		
5	64QAM	12	0	18.17	18.14	18.24	18.19	18.22	19.3	3
5	64QAM	12	7	18.12	18.17	18.22	18.20	18.22		
5	64QAM	12	13	18.04	18.20	18.18	18.18	18.23		
5	64QAM	25	0	18.21	18.17	18.26	18.14	18.22		
5	256QAM	1	0	16.08	16.10	16.19	16.18	16.20	17.3	5
5	256QAM	1	12	16.22	16.24	16.36	16.30	16.35		
5	256QAM	1	24	16.04	16.04	16.19	16.14	16.14		
5	256QAM	12	0	16.26	16.30	16.34	16.41	16.34	17.3	5
5	256QAM	12	7	16.38	16.33	16.41	16.50	16.43		
5	256QAM	12	13	16.30	16.25	16.36	16.32	16.38		
5	256QAM	25	0	16.36	16.37	16.36	16.37	16.33		

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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	20.19	20.11	20.39	20.28	20.39	21.5	0
20	QPSK	1	49	20.33	20.19	20.53	20.37	20.42		
20	QPSK	1	99	20.22	20.17	20.39	20.22	20.37		
20	QPSK	50	0	20.12	19.99	20.48	20.26	20.29	21.5	0
20	QPSK	50	24	20.20	20.06	20.51	20.27	20.41		
20	QPSK	50	50	20.13	20.04	20.44	20.21	20.38		
20	QPSK	100	0	20.11	19.97	20.39	20.13	20.38		
20	16QAM	1	0	20.06	20.01	20.42	20.15	20.32	21.5	0
20	16QAM	1	49	20.18	20.00	20.50	20.25	20.31		
20	16QAM	1	99	20.10	19.99	20.47	20.14	20.38		
20	16QAM	50	0	20.18	20.04	20.36	20.21	20.32	21.5	0
20	16QAM	50	24	20.11	20.03	20.46	20.18	20.34		
20	16QAM	50	50	20.16	20.03	20.41	20.16	20.34		
20	16QAM	100	0	20.13	20.04	20.45	20.18	20.28		
20	64QAM	1	0	20.19	19.95	20.39	20.20	20.29	21.5	0
20	64QAM	1	49	20.17	20.02	20.37	20.18	20.39		
20	64QAM	1	99	20.18	19.99	20.42	20.18	20.35		
20	64QAM	50	0	19.66	19.47	19.88	19.67	19.86	21	0.5
20	64QAM	50	24	19.64	19.47	19.97	19.76	19.89		
20	64QAM	50	50	19.55	19.57	19.87	19.70	19.89		
20	64QAM	100	0	19.58	19.46	19.98	19.66	19.82		
20	256QAM	1	0	17.67	17.52	17.98	17.76	17.85	19	2.5
20	256QAM	1	49	17.59	17.45	17.96	17.76	17.79		
20	256QAM	1	99	17.64	17.55	17.88	17.62	17.84		
20	256QAM	50	0	17.68	17.43	17.87	17.70	17.87	19	2.5
20	256QAM	50	24	17.62	17.47	17.94	17.75	17.86		
20	256QAM	50	50	17.63	17.50	17.92	17.66	17.77		
20	256QAM	100	0	17.63	17.48	17.96	17.71	17.85		
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	20.06	19.96	20.36	20.17	20.26	21.5	0
15	QPSK	1	37	20.18	20.15	20.39	20.28	20.27		
15	QPSK	1	74	20.21	20.13	20.36	20.17	20.27		
15	QPSK	36	0	20.07	19.95	20.36	20.17	20.22	21.5	0
15	QPSK	36	20	20.18	20.03	20.38	20.12	20.36		
15	QPSK	36	39	20.09	20.02	20.39	20.06	20.32		
15	QPSK	75	0	19.99	19.83	20.27	19.98	20.27	21.5	0
15	16QAM	1	0	19.97	19.89	20.27	20.05	20.17		
15	16QAM	1	37	20.14	19.89	20.37	20.17	20.18		
15	16QAM	1	74	19.96	19.96	20.37	20.08	20.26		
15	16QAM	36	0	20.05	20.02	20.32	20.16	20.29	21.5	0
15	16QAM	36	20	20.09	19.95	20.37	20.04	20.21		
15	16QAM	36	39	20.05	19.93	20.28	20.11	20.32		
15	16QAM	75	0	20.01	19.97	20.30	20.06	20.16		
15	64QAM	1	0	20.18	19.82	20.27	20.13	20.27	21.5	0
15	64QAM	1	37	20.11	20.00	20.32	20.05	20.36		
15	64QAM	1	74	20.10	19.95	20.28	20.16	20.34		
15	64QAM	36	0	19.52	19.33	19.78	19.66	19.80	21	0.5
15	64QAM	36	20	19.59	19.41	19.91	19.71	19.82		
15	64QAM	36	39	19.43	19.56	19.73	19.65	19.77		
15	64QAM	75	0	19.57	19.34	19.88	19.61	19.79		
15	256QAM	1	0	17.58	17.49	17.90	17.71	17.72	19	2.5
15	256QAM	1	37	17.55	17.42	17.95	17.68	17.65		
15	256QAM	1	74	17.57	17.40	17.84	17.60	17.73		
15	256QAM	36	0	17.54	17.35	17.84	17.67	17.83	19	2.5
15	256QAM	36	20	17.50	17.39	17.90	17.72	17.84		
15	256QAM	36	39	17.48	17.42	17.78	17.54	17.67		
15	256QAM	75	0	17.49	17.36	17.84	17.70	17.81		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.08	19.97	20.25	20.20	20.33	21.5	0
10	QPSK	1	25	20.25	20.11	20.39	20.33	20.29		
10	QPSK	1	49	20.20	20.09	20.29	20.08	20.27		
10	QPSK	25	0	20.09	19.88	20.45	20.16	20.20	21.5	0
10	QPSK	25	12	20.15	20.00	20.46	20.23	20.27		
10	QPSK	25	25	20.06	20.02	20.33	20.06	20.29		
10	QPSK	50	0	20.06	19.85	20.28	19.98	20.27		
10	16QAM	1	0	19.97	19.92	20.40	20.03	20.20	21.5	0
10	16QAM	1	25	20.12	19.92	20.49	20.17	20.30		
10	16QAM	1	49	19.97	19.84	20.38	20.10	20.25		
10	16QAM	25	0	20.08	19.93	20.27	20.17	20.22	21.5	0
10	16QAM	25	12	20.08	19.90	20.33	20.12	20.29		
10	16QAM	25	25	20.06	19.96	20.38	20.13	20.29		
10	16QAM	50	0	20.07	20.00	20.33	20.06	20.15		
10	64QAM	1	0	20.07	19.84	20.34	20.05	20.23	21.5	0
10	64QAM	1	25	20.07	19.96	20.35	20.05	20.34		
10	64QAM	1	49	20.07	19.85	20.33	20.03	20.22		
10	64QAM	25	0	19.60	19.33	19.86	19.61	19.83	21	0.5
10	64QAM	25	12	19.57	19.35	19.84	19.64	19.77		
10	64QAM	25	25	19.54	19.53	19.82	19.57	19.87		
10	64QAM	50	0	19.54	19.32	19.94	19.59	19.72		
10	256QAM	1	0	17.64	17.45	17.94	17.63	17.72	19	2.5
10	256QAM	1	25	17.53	17.35	17.92	17.75	17.78		
10	256QAM	1	49	17.55	17.50	17.81	17.58	17.82		
10	256QAM	25	0	17.54	17.30	17.82	17.66	17.83	19	2.5
10	256QAM	25	12	17.48	17.34	17.82	17.66	17.72		
10	256QAM	25	25	17.57	17.44	17.87	17.51	17.74		
10	256QAM	50	0	17.54	17.43	17.85	17.65	17.70		
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	20.10	20.04	20.27	20.14	20.36	21.5	0
5	QPSK	1	12	20.25	20.18	20.38	20.36	20.33		
5	QPSK	1	24	20.20	20.15	20.27	20.20	20.22		
5	QPSK	12	0	20.08	19.96	20.47	20.22	20.18	21.5	0
5	QPSK	12	7	20.09	19.93	20.41	20.13	20.34		
5	QPSK	12	13	19.99	19.98	20.43	20.09	20.26		
5	QPSK	25	0	19.98	19.91	20.33	20.00	20.24		
5	16QAM	1	0	19.93	20.00	20.27	20.04	20.18	21.5	0
5	16QAM	1	12	20.17	19.96	20.46	20.10	20.19		
5	16QAM	1	24	19.99	19.93	20.33	20.08	20.31		
5	16QAM	12	0	20.16	20.03	20.23	20.11	20.22	21.5	0
5	16QAM	12	7	20.00	19.98	20.44	20.17	20.25		
5	16QAM	12	13	20.11	19.97	20.32	20.12	20.23		
5	16QAM	25	0	20.00	20.03	20.37	20.17	20.17		
5	64QAM	1	0	20.09	19.83	20.36	20.12	20.15	21.5	0
5	64QAM	1	12	20.05	19.87	20.26	20.16	20.30		
5	64QAM	1	24	20.17	19.94	20.34	20.16	20.22		
5	64QAM	12	0	19.64	19.46	19.83	19.61	19.79	21	0.5
5	64QAM	12	7	19.60	19.34	19.95	19.66	19.83		
5	64QAM	12	13	19.54	19.42	19.72	19.56	19.78		
5	64QAM	25	0	19.51	19.42	19.91	19.51	19.72		
5	256QAM	1	0	17.59	17.49	17.88	17.68	17.70	19	2.5
5	256QAM	1	12	17.56	17.43	17.92	17.73	17.67		
5	256QAM	1	24	17.55	17.51	17.76	17.56	17.72		
5	256QAM	12	0	17.65	17.33	17.79	17.68	17.74	19	2.5
5	256QAM	12	7	17.53	17.38	17.86	17.64	17.73		
5	256QAM	12	13	17.50	17.43	17.85	17.61	17.66		
5	256QAM	25	0	17.50	17.35	17.90	17.63	17.73		

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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	20.18	20.05	20.29	20.27	20.32	21.9	0
20	QPSK	1	49	20.31	20.06	20.37	20.31	20.34		
20	QPSK	1	99	20.27	19.95	20.32	20.29	20.29		
20	QPSK	50	0	20.11	19.93	20.26	20.05	20.21	21.9	0
20	QPSK	50	24	20.16	20.03	20.32	20.19	20.22		
20	QPSK	50	50	20.09	19.97	20.20	20.12	20.14		
20	QPSK	100	0	20.13	19.93	20.31	20.05	20.08		
20	16QAM	1	0	20.06	19.93	20.18	20.10	20.13	21.9	0
20	16QAM	1	49	20.05	20.00	20.22	20.06	20.14		
20	16QAM	1	99	20.06	20.00	20.18	20.11	20.19		
20	16QAM	50	0	19.10	18.96	19.18	19.16	19.14	20.9	1
20	16QAM	50	24	19.06	18.93	19.18	19.06	19.15		
20	16QAM	50	50	19.10	18.95	19.22	19.05	19.13		
20	16QAM	100	0	19.01	18.88	19.30	19.04	19.09		
20	64QAM	1	0	19.01	18.96	19.31	19.04	19.10	20.9	1
20	64QAM	1	49	19.08	18.98	19.25	19.18	19.08		
20	64QAM	1	99	19.08	18.96	19.31	19.09	19.20		
20	64QAM	50	0	18.05	18.01	18.30	18.04	18.07	19.9	2
20	64QAM	50	24	18.08	17.91	18.29	18.09	18.08		
20	64QAM	50	50	18.11	17.92	18.19	18.18	18.09		
20	64QAM	100	0	18.14	18.03	18.20	18.10	18.17		
20	256QAM	1	0	16.13	16.11	16.38	16.16	16.25	17.9	4
20	256QAM	1	49	16.22	16.00	16.39	16.19	16.21		
20	256QAM	1	99	16.19	16.06	16.36	16.14	16.25		
20	256QAM	50	0	16.24	16.11	16.33	16.28	16.17	17.9	4
20	256QAM	50	24	16.11	16.09	16.28	16.16	16.21		
20	256QAM	50	50	16.11	16.07	16.33	16.24	16.23		
20	256QAM	100	0	16.18	16.08	16.28	16.18	16.29		
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	20.17	20.18	20.21	20.15	20.28	21.9	0
15	QPSK	1	37	20.27	20.14	20.32	20.18	20.22		
15	QPSK	1	74	20.15	20.05	20.17	20.22	20.26		
15	QPSK	36	0	20.03	20.06	20.15	20.02	20.10	21.9	0
15	QPSK	36	20	20.12	20.17	20.23	20.11	20.07		
15	QPSK	36	39	19.96	20.09	20.13	20.07	20.10		
15	QPSK	75	0	20.12	20.07	20.29	20.03	20.02		
15	16QAM	1	0	19.93	20.09	20.11	20.08	20.00	21.9	0
15	16QAM	1	37	19.94	20.06	20.19	19.92	20.08		
15	16QAM	1	74	20.03	20.09	20.07	19.98	20.09		
15	16QAM	36	0	19.05	19.11	19.14	19.05	19.11	20.9	1
15	16QAM	36	20	18.99	19.01	19.15	19.03	19.14		
15	16QAM	36	39	19.08	19.05	19.09	19.00	19.05		
15	16QAM	75	0	18.91	19.17	19.25	18.96	19.00		
15	64QAM	1	0	19.00	19.02	19.16	19.02	19.08	20.9	1
15	64QAM	1	37	18.95	19.10	19.13	19.08	18.97		
15	64QAM	1	74	18.98	19.04	19.29	18.99	19.15		
15	64QAM	36	0	17.96	18.10	18.26	17.95	17.96	19.9	2
15	64QAM	36	20	17.97	18.06	18.18	18.03	17.93		
15	64QAM	36	39	18.09	18.04	18.11	18.15	18.02		
15	64QAM	75	0	18.06	18.18	18.10	18.05	18.11		
15	256QAM	1	0	16.07	16.21	16.24	16.05	16.14	17.9	4
15	256QAM	1	37	16.11	16.09	16.38	16.14	16.10		
15	256QAM	1	74	16.10	16.19	16.26	16.04	16.17		
15	256QAM	36	0	16.22	16.29	16.20	16.15	16.04	17.9	4
15	256QAM	36	20	16.02	16.26	16.16	16.05	16.15		
15	256QAM	36	39	16.02	16.19	16.28	16.22	16.16		
15	256QAM	75	0	16.04	16.15	16.14	16.09	16.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.05	20.20	20.21	20.19	20.31	21.9	0
10	QPSK	1	25	20.21	20.16	20.20	20.30	20.35		
10	QPSK	1	49	20.13	20.00	20.29	20.15	20.16		
10	QPSK	25	0	20.02	20.12	20.24	20.00	20.09	21.9	0
10	QPSK	25	12	20.04	20.14	20.29	20.13	20.17		
10	QPSK	25	25	20.06	20.08	20.12	20.11	20.07		
10	QPSK	50	0	19.98	20.02	20.30	19.96	20.04		
10	16QAM	1	0	19.92	20.09	20.06	19.96	20.02	21.9	0
10	16QAM	1	25	20.01	20.11	20.09	19.94	20.10		
10	16QAM	1	49	19.97	20.14	20.15	19.99	20.14		
10	16QAM	25	0	19.08	19.12	19.04	19.09	19.12	20.9	1
10	16QAM	25	12	18.95	19.03	19.17	19.04	19.04		
10	16QAM	25	25	18.97	19.14	19.16	19.02	18.98		
10	16QAM	50	0	18.98	19.08	19.27	19.02	18.94		
10	64QAM	1	0	18.98	19.11	19.30	18.92	19.03	20.9	1
10	64QAM	1	25	18.95	19.05	19.19	19.11	19.05		
10	64QAM	1	49	19.07	19.06	19.18	18.94	19.14		
10	64QAM	25	0	18.02	18.19	18.15	18.01	18.04	19.9	2
10	64QAM	25	12	17.96	18.05	18.14	18.06	18.00		
10	64QAM	25	25	18.07	18.00	18.12	18.15	18.06		
10	64QAM	50	0	18.06	18.15	18.05	17.98	18.04		
10	256QAM	1	0	16.00	16.30	16.28	16.05	16.12	17.9	4
10	256QAM	1	25	16.08	16.17	16.28	16.10	16.14		
10	256QAM	1	49	16.18	16.16	16.32	16.12	16.11		
10	256QAM	25	0	16.20	16.27	16.25	16.26	16.02	17.9	4
10	256QAM	25	12	16.06	16.20	16.20	16.07	16.08		
10	256QAM	25	25	16.05	16.25	16.27	16.14	16.19		
10	256QAM	50	0	16.13	16.21	16.15	16.13	16.22		
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	20.15	20.16	20.17	20.16	20.30	21.9	0
5	QPSK	1	12	20.23	20.20	20.22	20.23	20.32		
5	QPSK	1	24	20.18	20.06	20.23	20.20	20.21		
5	QPSK	12	0	20.06	20.06	20.20	19.95	20.20	21.9	0
5	QPSK	12	7	20.13	20.16	20.31	20.14	20.14		
5	QPSK	12	13	19.98	20.07	20.05	20.08	20.00		
5	QPSK	25	0	20.11	20.01	20.29	19.98	20.06		
5	16QAM	1	0	19.98	20.10	20.17	19.95	19.98	21.9	0
5	16QAM	1	12	19.90	20.08	20.11	19.98	19.99		
5	16QAM	1	24	19.94	20.08	20.09	20.05	20.04		
5	16QAM	12	0	19.09	19.14	19.10	19.14	19.09	20.9	1
5	16QAM	12	7	19.04	19.06	19.09	18.94	19.13		
5	16QAM	12	13	19.02	19.07	19.11	18.90	19.10		
5	16QAM	25	0	19.00	19.17	19.16	18.97	19.08		
5	64QAM	1	0	18.90	19.03	19.25	18.92	18.98	20.9	1
5	64QAM	1	12	19.04	19.14	19.11	19.12	18.94		
5	64QAM	1	24	19.01	19.06	19.20	18.96	19.16		
5	64QAM	12	0	18.01	18.07	18.15	17.91	17.95	19.9	2
5	64QAM	12	7	17.95	18.03	18.18	18.02	17.99		
5	64QAM	12	13	18.00	18.01	18.10	18.10	18.00		
5	64QAM	25	0	18.12	18.10	18.16	17.96	18.14		
5	256QAM	1	0	16.03	16.17	16.33	16.13	16.13	17.9	4
5	256QAM	1	12	16.10	16.07	16.37	16.08	16.18		
5	256QAM	1	24	16.12	16.22	16.28	16.12	16.14		
5	256QAM	12	0	16.19	16.23	16.32	16.23	16.02	17.9	4
5	256QAM	12	7	16.01	16.16	16.17	16.14	16.08		
5	256QAM	12	13	16.01	16.16	16.20	16.11	16.15		
5	256QAM	25	0	16.15	16.18	16.13	16.13	16.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.42	21.31	21.55	21.49	21.48	22.5	0
20	QPSK	1	49	21.57	21.46	21.67	21.60	21.62		
20	QPSK	1	99	21.43	21.35	21.60	21.49	21.54		
20	QPSK	50	0	21.52	21.39	21.52	21.46	21.55	22.5	0
20	QPSK	50	24	21.52	21.40	21.65	21.51	21.57		
20	QPSK	50	50	21.48	21.36	21.57	21.46	21.50		
20	QPSK	100	0	21.43	21.42	21.63	21.58	21.51		
20	16QAM	1	0	21.52	21.41	21.65	21.57	21.49	22.5	0
20	16QAM	1	49	21.47	21.37	21.66	21.48	21.54		
20	16QAM	1	99	21.50	21.34	21.58	21.53	21.47		
20	16QAM	50	0	21.54	21.39	21.64	21.48	21.57	22.5	0
20	16QAM	50	24	21.47	21.44	21.57	21.52	21.52		
20	16QAM	50	50	21.44	21.42	21.56	21.49	21.48		
20	16QAM	100	0	21.43	21.42	21.56	21.46	21.50		
20	64QAM	1	0	21.56	21.39	21.55	21.59	21.52	22.5	0
20	64QAM	1	49	21.54	21.35	21.55	21.52	21.49		
20	64QAM	1	99	21.48	21.37	21.55	21.53	21.51		
20	64QAM	50	0	21.04	21.03	21.11	21.08	21.06	22	0.5
20	64QAM	50	24	21.05	21.04	21.13	21.09	21.12		
20	64QAM	50	50	20.99	21.03	21.10	21.07	21.07		
20	64QAM	100	0	21.04	21.01	21.11	21.09	21.06		
20	256QAM	1	0	18.99	18.99	19.08	19.05	19.04	20	2.5
20	256QAM	1	49	19.13	19.14	19.21	19.20	19.17		
20	256QAM	1	99	18.95	18.96	19.05	19.03	19.01		
20	256QAM	50	0	19.18	19.19	19.26	19.24	19.24	20	2.5
20	256QAM	50	24	19.20	19.18	19.28	19.27	19.25		
20	256QAM	50	50	19.14	19.16	19.24	19.19	19.23		
20	256QAM	100	0	19.16	19.18	19.25	19.23	19.22		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.32	21.17	21.50	21.44	21.37	22.5	0
15	QPSK	1	37	21.46	21.38	21.65	21.48	21.52		
15	QPSK	1	74	21.35	21.26	21.50	21.47	21.50		
15	QPSK	36	0	21.45	21.32	21.37	21.43	21.44	22.5	0
15	QPSK	36	20	21.53	21.29	21.47	21.47	21.51		
15	QPSK	36	39	21.46	21.27	21.45	21.42	21.46		
15	QPSK	75	0	21.35	21.31	21.56	21.43	21.45		
15	16QAM	1	0	21.42	21.33	21.57	21.55	21.47	22.5	0
15	16QAM	1	37	21.35	21.27	21.60	21.33	21.42		
15	16QAM	1	74	21.45	21.26	21.56	21.45	21.38		
15	16QAM	36	0	21.41	21.28	21.61	21.41	21.46	22.5	0
15	16QAM	36	20	21.37	21.42	21.50	21.48	21.48		
15	16QAM	36	39	21.29	21.36	21.55	21.47	21.34		
15	16QAM	75	0	21.31	21.33	21.52	21.44	21.41		
15	64QAM	1	0	21.54	21.30	21.43	21.54	21.49	22.5	0
15	64QAM	1	37	21.48	21.23	21.51	21.45	21.41		
15	64QAM	1	74	21.37	21.26	21.51	21.46	21.40		
15	64QAM	36	0	21.01	21.00	21.04	21.03	21.02	22	0.5
15	64QAM	36	20	20.99	21.01	21.10	21.02	21.09		
15	64QAM	36	39	20.95	21.01	21.06	21.04	21.01		
15	64QAM	75	0	21.00	20.92	21.04	21.02	20.96		
15	256QAM	1	0	18.95	18.90	19.00	19.02	18.93	20	2.5
15	256QAM	1	37	19.12	19.10	19.17	19.14	19.17		
15	256QAM	1	74	18.94	18.91	19.04	18.98	18.98		
15	256QAM	36	0	19.16	19.14	19.24	19.14	19.22	20	2.5
15	256QAM	36	20	19.14	19.06	19.22	19.22	19.18		
15	256QAM	36	39	19.07	19.08	19.21	19.17	19.16		
15	256QAM	75	0	19.15	19.10	19.21	19.14	19.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.39	21.20	21.42	21.48	21.41	22.5	0
10	QPSK	1	25	21.51	21.32	21.65	21.53	21.50		
10	QPSK	1	49	21.30	21.25	21.45	21.42	21.49		
10	QPSK	25	0	21.51	21.27	21.38	21.33	21.50	22.5	0
10	QPSK	25	12	21.49	21.39	21.57	21.40	21.52		
10	QPSK	25	25	21.41	21.28	21.47	21.31	21.41		
10	QPSK	50	0	21.41	21.30	21.53	21.55	21.40		
10	16QAM	1	0	21.37	21.35	21.63	21.52	21.38	22.5	0
10	16QAM	1	25	21.40	21.34	21.51	21.37	21.42		
10	16QAM	1	49	21.45	21.32	21.45	21.49	21.45		
10	16QAM	25	0	21.41	21.27	21.51	21.46	21.42	22.5	0
10	16QAM	25	12	21.40	21.36	21.52	21.47	21.37		
10	16QAM	25	25	21.41	21.41	21.49	21.41	21.35		
10	16QAM	50	0	21.30	21.31	21.50	21.34	21.42		
10	64QAM	1	0	21.48	21.35	21.46	21.57	21.44	22.5	0
10	64QAM	1	25	21.47	21.29	21.52	21.51	21.39		
10	64QAM	1	49	21.44	21.33	21.54	21.48	21.47		
10	64QAM	25	0	21.00	20.99	21.09	21.04	20.97	22	0.5
10	64QAM	25	12	20.97	21.01	21.12	21.05	21.12		
10	64QAM	25	25	20.94	20.96	21.06	20.98	21.04		
10	64QAM	50	0	20.96	21.02	21.11	21.06	21.02		
10	256QAM	1	0	18.95	18.89	19.02	19.02	19.00	20	2.5
10	256QAM	1	25	19.05	19.05	19.17	19.10	19.17		
10	256QAM	1	49	18.93	18.94	19.02	19.02	18.95		
10	256QAM	25	0	19.16	19.13	19.19	19.17	19.16	20	2.5
10	256QAM	25	12	19.18	19.13	19.21	19.19	19.20		
10	256QAM	25	25	19.11	19.12	19.12	19.10	19.23		
10	256QAM	50	0	19.10	19.14	19.20	19.18	19.13		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.40	21.29	21.41	21.35	21.37	22.5	0
5	QPSK	1	12	21.49	21.42	21.52	21.49	21.58		
5	QPSK	1	24	21.38	21.22	21.52	21.35	21.53		
5	QPSK	12	0	21.45	21.32	21.37	21.40	21.49	22.5	0
5	QPSK	12	7	21.40	21.26	21.59	21.46	21.45		
5	QPSK	12	13	21.34	21.30	21.52	21.34	21.49		
5	QPSK	25	0	21.42	21.41	21.60	21.46	21.41		
5	16QAM	1	0	21.45	21.29	21.62	21.42	21.45	22.5	0
5	16QAM	1	12	21.45	21.24	21.55	21.46	21.47		
5	16QAM	1	24	21.41	21.20	21.55	21.41	21.34		
5	16QAM	12	0	21.52	21.30	21.49	21.46	21.45	22.5	0
5	16QAM	12	7	21.40	21.34	21.54	21.49	21.51		
5	16QAM	12	13	21.43	21.32	21.54	21.34	21.45		
5	16QAM	25	0	21.31	21.39	21.46	21.33	21.49		
5	64QAM	1	0	21.42	21.33	21.49	21.50	21.43	22.5	0
5	64QAM	1	12	21.49	21.24	21.44	21.50	21.48		
5	64QAM	1	24	21.39	21.23	21.41	21.43	21.50		
5	64QAM	12	0	20.98	20.99	21.12	21.05	21.00	22	0.5
5	64QAM	12	7	21.00	20.95	21.02	20.98	21.06		
5	64QAM	12	13	20.96	20.95	20.99	20.98	21.02		
5	64QAM	25	0	20.98	20.93	21.07	21.03	21.03		
5	256QAM	1	0	18.92	18.97	19.05	18.98	18.96	20	2.5
5	256QAM	1	12	19.08	19.05	19.19	19.08	19.14		
5	256QAM	1	24	18.83	18.90	19.01	18.97	18.94		
5	256QAM	12	0	19.16	19.13	19.21	19.13	19.12	20	2.5
5	256QAM	12	7	19.10	19.08	19.19	19.23	19.19		
5	256QAM	12	13	19.15	19.13	19.22	19.13	19.18		
5	256QAM	25	0	19.12	19.07	19.15	19.18	19.12		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.70	24.67	24.67		
20	PI/2 BPSK	1	53	24.82	24.71	24.82	25.5	0.0
20	PI/2 BPSK	1	104	24.68	24.68	24.65		
20	PI/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	PI/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	PI/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61		
20	QPSK	1	53	24.78	24.83	24.81	25.5	0.0
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.76	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				163300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.66	23.81	23.69		
20	PI/2 BPSK	1	53	23.69	23.76	23.60	24.5	0.0
20	PI/2 BPSK	1	104	23.74	23.76	23.59		
20	PI/2 BPSK	50	0	23.70	23.78	23.61	24.5	0.0
20	PI/2 BPSK	50	28	23.69	23.79	23.65	24.5	0.0
20	PI/2 BPSK	50	56	23.78	23.75	23.63	24.5	0.0
20	PI/2 BPSK	100	0	23.68	23.73	23.64		
20	QPSK	1	1	23.72	23.75	23.66		
20	QPSK	1	53	23.78	23.83	23.88	24.5	0.0
20	QPSK	1	104	23.72	23.81	23.60		
20	QPSK	50	0	23.72	23.77	23.65	24.5	0.0
20	QPSK	50	28	23.75	23.80	23.66	24.5	0.0
20	QPSK	50	56	23.64	23.73	23.59	24.5	0.0
20	QPSK	100	0	23.60	23.76	23.55		
20	16QAM	1	53	23.70	23.77	23.61	24.5	0.0
20	64QAM	1	53	22.01	22.15	22.04	23.0	1.5
20	256QAM	1	53	20.64	20.62	20.67	21.0	3.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.68	23.74	23.65	24.5	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.68	23.75	23.64	24.5	0.0
Channel				163300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.70	23.73	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46		
50	PI/2 BPSK	1	135	20.56	20.67	20.50	21.5	0.0
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31		
50	QPSK	1	135	20.70	20.73	20.63	21.5	0.0
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.69	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502502	507000	511502	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.09	17.05	17.02		
50	PI/2 BPSK	1	135	17.09	17.11	16.97	18.0	0.0
50	PI/2 BPSK	1	268	17.03	17.14	16.93		
50	PI/2 BPSK	135	0	17.04	17.09	17.05	18.0	0.0
50	PI/2 BPSK	135	68	16.99	17.14	17.04	18.0	0.0
50	PI/2 BPSK	135	135	17.10	17.02	16.94	18.0	0.0
50	PI/2 BPSK	270	0	17.08	17.14	16.93		
50	QPSK	1	1	17.14	17.27	17.05		
50	QPSK	1	135	17.15	17.32	17.07	18.0	0.0
50	QPSK	1	268	17.12	17.18	16.93		
50	QPSK	135	0	16.98	17.15	16.95	18.0	0.0
50	QPSK	135	68	17.11	17.17	17.06	18.0	0.0
50	QPSK	135	135	17.08	17.05	16.99	18.0	0.0
50	QPSK	270	0	17.08	17.13	16.93		
50	16QAM	1	135	17.08	17.12	17.00	18.0	0.0
50	64QAM	1	135	16.96	17.04	17.04	18.0	0.0
50	256QAM	1	135	16.97	17.14	17.01	18.0	0.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	108	17.04	17.31	16.94	18.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	80	17.05	17.19	17.02	18.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	65	17.09	17.18	17.04	18.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	53	17.04	17.27	17.02	18.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	40	17.13	17.30	17.04	18.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	26	17.01	17.17	17.00	18.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	13	17.02	17.24	16.96	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.81	19.88	19.90		
50	PI/2 BPSK	1	135	19.82	19.89	19.86	20.5	0.0
50	PI/2 BPSK	1	268	19.82	19.86	19.92		
50	PI/2 BPSK	135	0	19.84	19.91	19.88	20.5	0.0
50	PI/2 BPSK	135	68	19.85	19.96	19.88	20.5	0.0
50	PI/2 BPSK	135	135	19.86	19.91	19.88	20.5	0.0
50	PI/2 BPSK	270	0	19.86	19.93	19.87		
50	QPSK	1	1	19.81	19.95	19.89		
50	QPSK	1	135	19.89	19.97	19.93	20.5	0.0
50	QPSK	1	268	19.84	19.93	19.86		
50	QPSK	135	0	19.81	19.89	19.84	20.5	0.0
50	QPSK	135	68	19.85	19.93	19.89	20.5	0.0
50	QPSK	135	135	19.79	19.90	19.81	20.5	0.0
50	QPSK	270	0	19.75	19.88	19.73		
50	16QAM	1	135	19.84	19.93	19.89	20.5	0.0
50	64QAM	1	135	19.88	19.92	19.86	20.5	0.0
50	256QAM	1	135	18.90	19.00	18.90	19.5	1.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	108	19.87	19.92	19.85	20.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	80	19.83	19.89	19.89	20.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	65	19.83	19.91	19.91	20.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	53	19.83	19.85	19.89	20.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	40	19.86	19.89	19.81	20.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	26	19.89	19.92	19.85	20.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	13	19.80	19.95	19.86	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.22	19.33	19.20		
50	PI/2 BPSK	1	135	19.28	19.39	19.22	20.0	0.0
50	PI/2 BPSK	1	268	19.32	19.35	19.22		
50	PI/2 BPSK	135	0	19.32	19.38	19.21	20.0	0.0
50	PI/2 BPSK	135	68	19.29	19.31	19.22	20.0	0.0
50	PI/2 BPSK	135	135	19.33	19.39	19.19	20.0	0.0
50	PI/2 BPSK	270	0	19.29	19.38	19.17		
50	QPSK	1	1	19.27	19.33	19.20		
50	QPSK	1	135	19.33	19.42	19.24	20.0	0.0
50	QPSK	1	268	19.21	19.32	19.22		
50	QPSK	135	0	19.27	19.35	19.09	20.0	0.0
50	QPSK	135	68	19.30	19.37	19.18	20.0	0.0
50	QPSK	135	135	19.20	19.31	19.11	20.0	0.0
50	QPSK	270	0	19.18	19.32	19.08		
50	16QAM	1	135	19.28	19.37	19.19	20.0	0.0
50	64QAM	1	135	19.28	19.40	19.18	20.0	0.0
50	256QAM	1	135	19.04	19.08	19.03	19.5	0.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	108	19.21	19.38	19.19	20.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	80	19.27	19.37	19.16	20.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	65	19.26	19.40	19.19	20.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	53	19.28	19.36	19.17	20.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	40	19.28	19.38	19.21	20.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	26	19.28	19.40	19.16	20.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	13	19.28	19.35	19.22	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.60	20.61	20.54	22.0	0.0
40	PI/2 BPSK	1	108	21.15	21.21	21.20		
40	PI/2 BPSK	1	214	20.55	20.58	20.56		
40	PI/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	PI/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	PI/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	PI/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40	22.0	0.0
40	QPSK	1	108	21.14	21.22	21.19		
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.92	17.97	17.89	19.0	0.0
40	PI/2 BPSK	1	108	17.92	18.01	17.93		
40	PI/2 BPSK	1	214	17.93	17.95	17.99		
40	PI/2 BPSK	108	0	17.86	17.93	17.96	19.0	0.0
40	PI/2 BPSK	108	54	17.91	17.93	17.90	19.0	0.0
40	PI/2 BPSK	108	108	17.82	18.00	17.91	19.0	0.0
40	PI/2 BPSK	216	0	17.90	18.01	17.88		
40	QPSK	1	1	17.98	18.02	18.02	19.0	0.0
40	QPSK	1	108	18.07	18.14	18.12		
40	QPSK	1	214	17.97	17.98	17.99		
40	QPSK	108	0	17.91	18.00	17.90	19.0	0.0
40	QPSK	108	54	17.95	18.06	18.02	19.0	0.0
40	QPSK	108	108	17.92	18.02	17.90	19.0	0.0
40	QPSK	216	0	17.88	18.00	17.94		
40	16QAM	1	108	17.91	17.92	17.91	19.0	0.0
40	64QAM	1	108	17.87	17.94	17.90	19.0	0.0
40	256QAM	1	108	17.90	17.95	18.01	19.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	18.02	18.10	18.13	19.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	17.94	18.07	18.10	19.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	18.03	17.97	18.13	19.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	18.01	18.08	18.01	19.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	17.94	18.04	18.09	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	20.70	20.78	20.77	21.2	0.0
40	Pi/2 BPSK	1	108	20.66	20.80	20.80		
40	Pi/2 BPSK	1	214	20.68	20.83	20.80		
40	Pi/2 BPSK	108	0	20.64	20.80	20.72	21.2	0.0
40	Pi/2 BPSK	108	54	20.70	20.83	20.80	21.2	0.0
40	Pi/2 BPSK	108	108	20.61	20.85	20.81	21.2	0.0
40	Pi/2 BPSK	216	0	20.63	20.83	20.73		
40	QPSK	1	1	20.64	20.87	20.80	21.2	0.0
40	QPSK	1	108	20.72	20.88	20.83		
40	QPSK	1	214	20.65	20.83	20.80		
40	QPSK	108	0	20.62	20.77	20.68	21.2	0.0
40	QPSK	108	54	20.68	20.83	20.76	21.2	0.0
40	QPSK	108	108	20.64	20.81	20.72	21.2	0.0
40	QPSK	216	0	20.60	20.78	20.63		
40	16QAM	1	108	20.62	20.82	20.79	21.2	0.0
40	64QAM	1	108	20.63	20.78	20.81	21.2	0.0
40	256QAM	1	108	19.46	19.52	19.43	19.7	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	20.60	20.84	20.77	21.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	20.67	20.85	20.80	21.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	20.68	20.87	20.79	21.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	20.60	20.79	20.75	21.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	20.67	20.86	20.76	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				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.50	21.58	21.53	22.7	0.0
40	Pi/2 BPSK	1	108	21.55	21.61	21.58		
40	Pi/2 BPSK	1	214	21.52	21.65	21.54		
40	Pi/2 BPSK	108	0	21.51	21.64	21.60	22.7	0.0
40	Pi/2 BPSK	108	54	21.47	21.60	21.65	22.7	0.0
40	Pi/2 BPSK	108	108	21.52	21.62	21.61	22.7	0.0
40	Pi/2 BPSK	216	0	21.52	21.61	21.57		
40	QPSK	1	1	21.57	21.63	21.56	22.7	0.0
40	QPSK	1	108	21.58	21.69	21.64		
40	QPSK	1	214	21.51	21.63	21.58		
40	QPSK	108	0	21.48	21.65	21.51	22.7	0.0
40	QPSK	108	54	21.55	21.66	21.58	22.7	0.0
40	QPSK	108	108	21.48	21.64	21.55	22.7	0.0
40	QPSK	216	0	21.43	21.62	21.50		
40	16QAM	1	108	21.48	21.64	21.61	22.7	0.0
40	64QAM	1	108	20.36	20.45	20.41	21.7	1.0
40	256QAM	1	108	18.94	19.02	19.01	19.7	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.50	21.60	21.58	22.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.54	21.60	21.55	22.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.48	21.68	21.57	22.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.51	21.65	21.57	22.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.58	21.63	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27		
40	PI/2 BPSK	1	53	20.91	20.93	20.90	21.5	0.0
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12		
40	QPSK	1	53	20.88	20.98	20.88	21.5	0.0
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55		
40	QPSK	50	28	20.48	20.48	20.44	21.5	0.0
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.19	17.37	17.21		
40	PI/2 BPSK	1	53	17.16	17.28	17.30	18.0	0.0
40	PI/2 BPSK	1	104	17.20	17.33	17.30		
40	PI/2 BPSK	50	0	17.19	17.31	17.23	18.0	0.0
40	PI/2 BPSK	50	28	17.21	17.30	17.30	18.0	0.0
40	PI/2 BPSK	50	56	17.08	17.32	17.25	18.0	0.0
40	PI/2 BPSK	100	0	17.19	17.38	17.17		
40	QPSK	1	1	17.18	17.37	17.19		
40	QPSK	1	53	17.24	17.43	17.30	18.0	0.0
40	QPSK	1	104	17.21	17.34	17.28		
40	QPSK	50	0	17.21	17.41	17.29		
40	QPSK	50	28	17.22	17.42	17.19	18.0	0.0
40	QPSK	50	56	17.20	17.35	17.18		
40	QPSK	100	0	17.16	17.39	17.22	18.0	0.0
40	16QAM	1	53	17.12	17.32	17.26	18.0	0.0
40	64QAM	1	53	17.15	17.41	17.18	18.0	0.0
40	256QAM	1	53	17.09	17.39	17.26	18.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	17.12	17.37	17.28	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	17.10	17.39	17.22	18.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.92	19.98	19.93		
40	PI/2 BPSK	1	53	19.83	20.01	19.95	20.5	0.0
40	PI/2 BPSK	1	104	19.87	20.00	19.90		
40	PI/2 BPSK	50	0	19.85	19.97	19.97	20.5	0.0
40	PI/2 BPSK	50	28	19.82	19.96	19.94	20.5	0.0
40	PI/2 BPSK	50	56	19.85	20.00	19.92	20.5	0.0
40	PI/2 BPSK	100	0	19.86	19.97	19.95		
40	QPSK	1	1	19.84	19.97	19.95		
40	QPSK	1	53	19.91	20.03	19.98	20.5	0.0
40	QPSK	1	104	19.85	20.00	19.88		
40	QPSK	50	0	19.75	19.93	19.85		
40	QPSK	50	28	19.85	19.98	19.92	20.5	0.0
40	QPSK	50	56	19.81	19.95	19.91		
40	QPSK	100	0	19.78	19.93	19.80	20.5	0.0
40	16QAM	1	53	19.83	19.93	19.92	20.5	0.0
40	64QAM	1	53	19.81	19.97	19.92	20.5	0.0
40	256QAM	1	53	19.42	19.43	19.38	19.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	19.84	20.02	19.90	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	19.91	19.97	19.93	20.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2592.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.76	20.84	20.71		
40	PI/2 BPSK	1	53	20.76	20.80	20.81	21.5	0.0
40	PI/2 BPSK	1	104	20.77	20.85	20.72		
40	PI/2 BPSK	50	0	20.73	20.84	20.80	21.5	0.0
40	PI/2 BPSK	50	28	20.69	20.82	20.81	21.5	0.0
40	PI/2 BPSK	50	56	20.74	20.77	20.78	21.5	0.0
40	PI/2 BPSK	100	0	20.75	20.82	20.79		
40	QPSK	1	1	20.73	20.85	20.74		
40	QPSK	1	53	20.80	20.88	20.83	21.5	0.0
40	QPSK	1	104	20.71	20.83	20.80		
40	QPSK	50	0	20.71	20.79	20.73		
40	QPSK	50	28	20.77	20.85	20.81	21.5	0.0
40	QPSK	50	56	20.70	20.80	20.75		
40	QPSK	100	0	20.65	20.81	20.70	21.5	0.0
40	16QAM	1	53	20.75	20.78	20.76	21.5	0.0
40	64QAM	1	53	20.76	20.82	20.73	21.5	0.0
40	256QAM	1	53	19.28	19.38	19.26	19.5	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.78	20.77	20.77	21.5	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.76	20.85	20.75	21.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62		
100	PI/2 BPSK	1	137	20.89	20.94	20.79	21.5	0.0
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57		
100	QPSK	1	137	20.75	21.00	20.67	21.5	0.0
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56		
100	QPSK	135	69	20.81	20.66	20.51	21.5	0.0
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.75	20.73	20.71	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	109	20.75	20.88	20.72	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.71	20.73	20.77	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	67	20.72	20.80	20.78	21.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.75	20.83	20.77	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.70	20.78	20.77	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	20.70	20.83	20.73	21.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.80	17.96	17.93		
100	PI/2 BPSK	1	137	17.81	17.89	17.86	18.5	0.0
100	PI/2 BPSK	1	271	17.81	17.97	17.83		
100	PI/2 BPSK	135	0	17.85	17.87	17.85	18.5	0.0
100	PI/2 BPSK	135	69	17.77	17.94	17.93	18.5	0.0
100	PI/2 BPSK	135	138	17.81	17.86	17.83	18.5	0.0
100	PI/2 BPSK	270	0	17.80	17.94	17.92		
100	QPSK	1	1	17.83	17.85	17.81		
100	QPSK	1	137	17.86	17.99	17.86	18.5	0.0
100	QPSK	1	271	17.85	17.95	17.80		
100	QPSK	135	0	17.81	17.95	17.89		
100	QPSK	135	69	17.86	17.96	17.93	18.5	0.0
100	QPSK	135	138	17.85	17.92	17.88		
100	QPSK	270	0	17.82	17.93	17.81	18.5	0.0
100	16QAM	1	137	17.76	17.90	17.93	18.5	0.0
100	64QAM	1	137	17.79	17.88	17.79	18.5	0.0
100	256QAM	1	137	17.81	17.86	17.83	18.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	17.83	17.88	17.77	18.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	17.79	17.89	17.74	18.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	17.80	17.91	17.78	18.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	17.74	17.94	17.73	18.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	17.72	17.93	17.76	18.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	17.85	17.97	17.73	18.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	17.79	17.85	17.76	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.34	20.44	20.26		
100	PI/2 BPSK	1	137	20.35	20.53	20.32	21.0	0.0
100	PI/2 BPSK	1	271	20.38	20.54	20.27		
100	PI/2 BPSK	135	0	20.40	20.51	20.30	21.0	0.0
100	PI/2 BPSK	135	69	20.34	20.53	20.29	21.0	0.0
100	PI/2 BPSK	135	138	20.38	20.50	20.27	21.0	0.0
100	PI/2 BPSK	270	0	20.43	20.55	20.28		
100	QPSK	1	1	20.39	20.47	20.29		
100	QPSK	1	137	20.44	20.56	20.34	21.0	0.0
100	QPSK	1	271	20.41	20.49	20.32		
100	QPSK	135	0	20.33	20.50	20.23		
100	QPSK	135	69	20.38	20.51	20.30	21.0	0.0
100	QPSK	135	138	20.32	20.42	20.27		
100	QPSK	270	0	20.28	20.47	20.25	21.0	0.0
100	16QAM	1	137	20.34	20.52	20.31	21.0	0.0
100	64QAM	1	137	20.37	20.52	20.31	21.0	0.0
100	256QAM	1	137	19.18	19.21	19.12	19.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.35	20.44	20.25	21.0	0.0
Channel				507204	518598	529908	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.34	20.54	20.23	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.38	20.54	20.26	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.35	20.55	20.28	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.36	20.53	20.26	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.44	20.48	20.30	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	20.37	20.52	20.26	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.23	20.33	20.05		
100	PI/2 BPSK	1	137	20.30	20.36	20.07	21.0	0.0
100	PI/2 BPSK	1	271	20.20	20.37	20.07		
100	PI/2 BPSK	135	0	20.22	20.36	20.06	21.0	0.0
100	PI/2 BPSK	135	69	20.25	20.34	20.00	21.0	0.0
100	PI/2 BPSK	135	138	20.26	20.30	20.05	21.0	0.0
100	PI/2 BPSK	270	0	20.23	20.34	20.06		
100	QPSK	1	1	20.28	20.29	20.08		
100	QPSK	1	137	20.30	20.38	20.12	21.0	0.0
100	QPSK	1	271	20.26	20.34	20.10		
100	QPSK	135	0	20.14	20.26	20.05		
100	QPSK	135	69	20.26	20.32	20.08	21.0	0.0
100	QPSK	135	138	20.24	20.25	20.00		
100	QPSK	270	0	20.20	20.24	19.98	21.0	0.0
100	16QAM	1	137	20.23	20.33	20.06	21.0	0.0
100	64QAM	1	137	20.18	20.33	20.06	21.0	0.0
100	256QAM	1	137	19.25	19.28	19.21	19.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.22	20.34	20.11	21.0	0.0
Channel				507204	518598	529908	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.24	20.28	20.07	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.22	20.31	20.04	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.25	20.37	20.07	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.28	20.29	20.03	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.29	20.33	20.11	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	20.22	20.32	20.05	21.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.34			
100	PI/2 BPSK	1	137		17.39		18.0	0.0
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.40		18.0	0.0
100	PI/2 BPSK	135	69		17.41		18.0	0.0
100	PI/2 BPSK	135	138		17.37		18.0	0.0
100	PI/2 BPSK	270	0		17.37			
100	QPSK	1	1		17.36			
100	QPSK	1	137		17.43		18.0	0.0
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.35			
100	QPSK	135	69		17.37		18.0	0.0
100	QPSK	135	138		17.31			
100	QPSK	270	0		17.33		18.0	0.0
100	16QAM	1	137		17.35		18.0	0.0
100	64QAM	1	137		17.37		18.0	0.0
100	256QAM	1	137		17.39		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.28	17.35	17.24	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.28	17.37	17.35	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
70	QPSK	1	95	17.33	17.37	17.28	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
60	QPSK	1	81	17.35	17.35	17.34	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
50	QPSK	1	67	17.35	17.42	17.29	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
40	QPSK	1	53	17.31	17.38	17.28	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.30	17.34	17.30	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.33	17.36	17.25	18.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.73			
100	PI/2 BPSK	1	137		20.72		21.0	0.0
100	PI/2 BPSK	1	271		20.73			
100	PI/2 BPSK	135	0		20.80		21.0	0.0
100	PI/2 BPSK	135	69		20.81		21.0	0.0
100	PI/2 BPSK	135	138		20.78		21.0	0.0
100	PI/2 BPSK	270	0		20.73			
100	QPSK	1	1		20.75			
100	QPSK	1	137		20.83		21.0	0.0
100	QPSK	1	271		20.78			
100	QPSK	135	0		20.68			
100	QPSK	135	69		20.71		21.0	0.0
100	QPSK	135	138		20.65			
100	QPSK	270	0		20.68		21.0	0.0
100	16QAM	1	137		20.62		21.0	0.0
100	64QAM	1	137		20.65		21.0	0.0
100	256QAM	1	137		20.60		21.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.71	20.75	20.67	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.73	20.80	20.69	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.72	20.80	20.68	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.66	20.75	20.66	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.66	20.79	20.71	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.76	20.73	20.73	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.70	20.76	20.69	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.76	20.77	20.68	21.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.99			
100	PI/2 BPSK	1	137		16.98		18.0	0.0
100	PI/2 BPSK	1	271		16.93			
100	PI/2 BPSK	135	0		17.01		18.0	0.0
100	PI/2 BPSK	135	69		17.02		18.0	0.0
100	PI/2 BPSK	135	138		17.02		18.0	0.0
100	PI/2 BPSK	270	0		16.97			
100	QPSK	1	1		16.97			
100	QPSK	1	137		17.03		18.0	0.0
100	QPSK	1	271		16.97			
100	QPSK	135	0		16.93			
100	QPSK	135	69		16.95		18.0	0.0
100	QPSK	135	138		16.89			
100	QPSK	270	0		16.91		18.0	0.0
100	16QAM	1	137		17.02		18.0	0.0
100	64QAM	1	137		17.01		18.0	0.0
100	256QAM	1	137		16.96		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	16.94	17.02	16.92	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	16.93	16.98	16.92	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	16.90	17.02	16.90	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	16.92	16.96	16.89	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	16.98	16.98	16.93	18.0	0.0
Channel				648000	650000	652002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.96	16.96	16.85	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	16.89	16.97	16.83	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	16.93	16.95	16.91	18.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/Ch. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.33		21.0	0.0
100	PI/2 BPSK	1	137		20.32			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		20.41		21.0	0.0
100	PI/2 BPSK	135	69		20.34		21.0	0.0
100	PI/2 BPSK	135	138		20.41		21.0	0.0
100	PI/2 BPSK	270	0		20.33			
100	QPSK	1	1		20.38		21.0	0.0
100	QPSK	1	137		20.42			
100	QPSK	1	271		20.38			
100	QPSK	135	0		20.30		21.0	0.0
100	QPSK	135	69		20.32			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.26		21.0	0.0
100	16QAM	1	137		20.20		21.0	0.0
100	64QAM	1	137		20.18		21.0	0.0
100	256QAM	1	137		20.13		21.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	20.28	20.32	20.26	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	20.30	20.41	20.26	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.32	20.35	20.29	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	20.25	20.39	20.23	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	20.26	20.35	20.25	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.27	20.36	20.32	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	20.27	20.40	20.24	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	20.28	20.38	20.31	21.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/Ch. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.07		15.0	0.0
100	PI/2 BPSK	1	137		14.07			
100	PI/2 BPSK	1	271		14.04			
100	PI/2 BPSK	135	0		14.11		15.0	0.0
100	PI/2 BPSK	135	69		14.06		15.0	0.0
100	PI/2 BPSK	135	138		14.06		15.0	0.0
100	PI/2 BPSK	270	0		14.05			
100	QPSK	1	1		14.05		15.0	0.0
100	QPSK	1	137		14.12			
100	QPSK	1	271		14.07			
100	QPSK	135	0		14.05		15.0	0.0
100	QPSK	135	69		14.07			
100	QPSK	135	138		14.01			
100	QPSK	270	0		14.03		15.0	0.0
100	16QAM	1	137		14.08		15.0	0.0
100	64QAM	1	137		14.08		15.0	0.0
100	256QAM	1	137		14.03		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	13.97	14.10	14.02	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.01	14.05	13.92	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.05	14.11	13.95	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.00	14.10	13.97	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.05	14.00	13.98	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.05	14.07	13.93	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.03	14.06	13.96	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.01	14.09	14.01	15.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/Ch. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.92		18.0	0.0
100	PI/2 BPSK	1	137		17.91			
100	PI/2 BPSK	1	271		17.88			
100	PI/2 BPSK	135	0		17.92		18.0	0.0
100	PI/2 BPSK	135	69		17.88		18.0	0.0
100	PI/2 BPSK	135	138		17.91		18.0	0.0
100	PI/2 BPSK	270	0		17.92			
100	QPSK	1	1		17.88		18.0	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.85		18.0	0.0
100	QPSK	135	69		17.89			
100	QPSK	135	138		17.81			
100	QPSK	270	0		17.84		18.0	0.0
100	16QAM	1	137		17.80		18.0	0.0
100	64QAM	1	137		17.78		18.0	0.0
100	256QAM	1	137		17.82		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.86	17.91	17.81	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.84	17.92	17.85	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	17.82	17.85	17.86	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.92	17.88	17.82	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.81	17.88	17.86	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.86	17.88	17.83	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.84	17.89	17.81	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.86	17.91	17.85	18.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.03			
100	PI/2 BPSK	1	137		14.05		15.0	0.0
100	PI/2 BPSK	1	271		14.05			
100	PI/2 BPSK	135	0		14.08		15.0	0.0
100	PI/2 BPSK	135	69		14.04		15.0	0.0
100	PI/2 BPSK	135	138		14.09		15.0	0.0
100	PI/2 BPSK	270	0		14.11			
100	QPSK	1	1		14.03			
100	QPSK	1	137		14.12		15.0	0.0
100	QPSK	1	271		14.10			
100	QPSK	135	0		14.05			
100	QPSK	135	69		14.08		15.0	0.0
100	QPSK	135	138		14.00			
100	QPSK	270	0		14.03		15.0	0.0
100	16QAM	1	137		14.05		15.0	0.0
100	64QAM	1	137		14.02		15.0	0.0
100	256QAM	1	137		14.01		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	14.04	14.11	13.93	15.0	0.0
Channel				640334	650000	659666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	13.96	14.05	13.94	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	14.04	14.08	13.98	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.00	14.07	14.02	15.0	0.0
Channel				640334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	14.00	14.04	13.95	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	14.05	14.04	13.95	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	13.97	14.10	13.99	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	14.07	14.08	13.93	15.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.91			
100	PI/2 BPSK	1	137		17.90		18.0	0.0
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.85		18.0	0.0
100	PI/2 BPSK	135	69		17.85		18.0	0.0
100	PI/2 BPSK	135	138		17.84		18.0	0.0
100	PI/2 BPSK	270	0		17.90			
100	QPSK	1	1		17.85			
100	QPSK	1	137		17.93		18.0	0.0
100	QPSK	1	271		17.88			
100	QPSK	135	0		17.83			
100	QPSK	135	69		17.88		18.0	0.0
100	QPSK	135	138		17.80			
100	QPSK	270	0		17.83		18.0	0.0
100	16QAM	1	137		17.85		18.0	0.0
100	64QAM	1	137		17.78		18.0	0.0
100	256QAM	1	137		17.83		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	17.82	17.90	17.83	18.0	0.0
Channel				640334	650000	659666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	17.84	17.89	17.79	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.85	17.88	17.77	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	17.88	17.81	17.78	18.0	0.0
Channel				640334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	17.79	17.87	17.75	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.77	17.83	17.74	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	17.84	17.91	17.76	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	17.78	17.86	17.78	18.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.27			
100	PI/2 BPSK	1	137		15.27		16.3	0.0
100	PI/2 BPSK	1	271		15.31			
100	PI/2 BPSK	135	0		15.35		16.3	0.0
100	PI/2 BPSK	135	69		15.28		16.3	0.0
100	PI/2 BPSK	135	138		15.34		16.3	0.0
100	PI/2 BPSK	270	0		15.31			
100	QPSK	1	1		15.34			
100	QPSK	1	137		15.40		16.3	0.0
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.30			
100	QPSK	135	69		15.31		16.3	0.0
100	QPSK	135	138		15.25			
100	QPSK	270	0		15.28		16.3	0.0
100	16QAM	1	137		15.29		16.3	0.0
100	64QAM	1	137		15.33		16.3	0.0
100	256QAM	1	137		15.26		16.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	15.26	15.31	15.22	16.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.30	15.28	15.17	16.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	15.27	15.33	15.25	16.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	15.24	15.34	15.22	16.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	15.25	15.30	15.19	16.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	15.28	15.27	15.25	16.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	15.24	15.28	15.23	16.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.28	15.28	15.19	16.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		18.54			
100	PI/2 BPSK	1	137		18.54		19.3	0.0
100	PI/2 BPSK	1	271		18.55			
100	PI/2 BPSK	135	0		18.56		19.3	0.0
100	PI/2 BPSK	135	69		18.53		19.3	0.0
100	PI/2 BPSK	135	138		18.53			
100	PI/2 BPSK	270	0		18.57		19.3	0.0
100	QPSK	1	1		18.55			
100	QPSK	1	137		18.62		19.3	0.0
100	QPSK	1	271		18.55			
100	QPSK	135	0		18.52			
100	QPSK	135	69		18.55		19.3	0.0
100	QPSK	135	138		18.45			
100	QPSK	270	0		18.49		19.3	0.0
100	16QAM	1	137		18.60		19.3	0.0
100	64QAM	1	137		18.56		19.3	0.0
100	256QAM	1	137		18.53		19.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	18.48	18.59	18.46	19.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	18.50	18.57	18.50	19.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	18.48	18.61	18.48	19.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	18.55	18.61	18.49	19.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	18.49	18.53	18.48	19.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	18.51	18.53	18.47	19.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	18.56	18.58	18.45	19.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	18.59	18.58	18.49	19.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.33			
100	PI/2 BPSK	1	137		15.32		16.3	0.0
100	PI/2 BPSK	1	271		15.34			
100	PI/2 BPSK	135	0		15.34		16.3	0.0
100	PI/2 BPSK	135	69		15.30		16.3	0.0
100	PI/2 BPSK	135	138		15.35			
100	PI/2 BPSK	270	0		15.28		16.3	0.0
100	QPSK	1	1		15.35			
100	QPSK	1	137		15.38		16.3	0.0
100	QPSK	1	271		15.33			
100	QPSK	135	0		15.31			
100	QPSK	135	69		15.33		16.3	0.0
100	QPSK	135	138		15.25			
100	QPSK	270	0		15.27		16.3	0.0
100	16QAM	1	137		15.30		16.3	0.0
100	64QAM	1	137		15.35		16.3	0.0
100	256QAM	1	137		15.31		16.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.26	15.37	15.23	16.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.25	15.27	15.20	16.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.31	15.33	15.26	16.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.29	15.36	15.22	16.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.24	15.36	15.22	16.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.25	15.35	15.24	16.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.28	15.35	15.22	16.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.33	15.33	15.20	16.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.50			
100	PI/2 BPSK	1	137		18.54		19.3	0.0
100	PI/2 BPSK	1	271		18.49			
100	PI/2 BPSK	135	0		18.47		19.3	0.0
100	PI/2 BPSK	135	69		18.50		19.3	0.0
100	PI/2 BPSK	135	138		18.52			
100	PI/2 BPSK	270	0		18.54		19.3	0.0
100	QPSK	1	1		18.52			
100	QPSK	1	137		18.57		19.3	0.0
100	QPSK	1	271		18.51			
100	QPSK	135	0		18.48			
100	QPSK	135	69		18.52		19.3	0.0
100	QPSK	135	138		18.45			
100	QPSK	270	0		18.48		19.3	0.0
100	16QAM	1	137		18.48		19.3	0.0
100	64QAM	1	137		18.55		19.3	0.0
100	256QAM	1	137		18.47		19.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	18.48	18.53	18.42	19.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	18.47	18.49	18.36	19.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.48	18.52	18.38	19.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	18.52	18.50	18.39	19.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	18.49	18.52	18.45	19.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.45	18.47	18.46	19.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	18.53	18.53	18.42	19.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	18.49	18.49	18.46	19.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.09		17.0	0.0
100	PI/2 BPSK	1	137		16.14			
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		16.08		17.0	0.0
100	PI/2 BPSK	135	69		16.10		17.0	0.0
100	PI/2 BPSK	135	138		16.13		17.0	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.12		17.0	0.0
100	QPSK	1	137		16.15			
100	QPSK	1	271		16.03			
100	QPSK	135	0		16.10		17.0	0.0
100	QPSK	135	69		16.12			
100	QPSK	135	138		16.05			
100	QPSK	270	0		16.09		17.0	0.0
100	16QAM	1	137		16.10		17.0	0.0
100	64QAM	1	137		16.08		17.0	0.0
100	256QAM	1	137		15.59		16.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.06	16.11	16.07	17.0	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.01	16.10	16.02	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	16.09	16.08	16.06	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.06	16.07	16.00	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.03	16.11	16.04	17.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.05	16.06	16.05	17.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	16.11	16.14	16.00	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.04	16.07	16.05	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.65		20.0	0.0
100	PI/2 BPSK	1	137		19.66			
100	PI/2 BPSK	1	271		19.63			
100	PI/2 BPSK	135	0		19.62		20.0	0.0
100	PI/2 BPSK	135	69		19.66		20.0	0.0
100	PI/2 BPSK	135	138		19.67		20.0	0.0
100	PI/2 BPSK	270	0		19.68			
100	QPSK	1	1		19.63		20.0	0.0
100	QPSK	1	137		19.73			
100	QPSK	1	271		19.65			
100	QPSK	135	0		19.63		20.0	0.0
100	QPSK	135	69		19.70			
100	QPSK	135	138		19.62			
100	QPSK	270	0		19.68		20.0	0.0
100	16QAM	1	137		19.66		20.0	0.0
100	64QAM	1	137		19.69		20.0	0.0
100	256QAM	1	137		19.21		19.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	19.64	19.67	19.58	20.0	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	19.58	19.70	19.56	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	19.60	19.70	19.60	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	19.65	19.72	19.58	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	19.63	19.68	19.57	20.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	19.63	19.70	19.64	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	19.59	19.65	19.64	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	19.63	19.68	19.58	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.90		17.0	0.0
100	PI/2 BPSK	1	137		15.88			
100	PI/2 BPSK	1	271		15.81			
100	PI/2 BPSK	135	0		15.83		17.0	0.0
100	PI/2 BPSK	135	69		15.86		17.0	0.0
100	PI/2 BPSK	135	138		15.81		17.0	0.0
100	PI/2 BPSK	270	0		15.91			
100	QPSK	1	1		15.88		17.0	0.0
100	QPSK	1	137		15.92			
100	QPSK	1	271		15.90			
100	QPSK	135	0		15.85		17.0	0.0
100	QPSK	135	69		15.89			
100	QPSK	135	138		15.81			
100	QPSK	270	0		15.86		17.0	0.0
100	16QAM	1	137		15.85		17.0	0.0
100	64QAM	1	137		15.90		17.0	0.0
100	256QAM	1	137		15.36		16.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.80	15.84	15.77	17.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.87	15.86	15.82	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.83	15.88	15.81	17.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.83	15.86	15.79	17.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.81	15.87	15.82	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.82	15.86	15.78	17.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.88	15.83	15.80	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.88	15.82	15.83	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.46		20.0	0.0
100	PI/2 BPSK	1	137		19.46			
100	PI/2 BPSK	1	271		19.50			
100	PI/2 BPSK	135	0		19.47		20.0	0.0
100	PI/2 BPSK	135	69		19.50		20.0	0.0
100	PI/2 BPSK	135	138		19.52		20.0	0.0
100	PI/2 BPSK	270	0		19.46			
100	QPSK	1	1		19.44		20.0	0.0
100	QPSK	1	137		19.53			
100	QPSK	1	271		19.45			
100	QPSK	135	0		19.42		20.0	0.0
100	QPSK	135	69		19.48			
100	QPSK	135	138		19.40			
100	QPSK	270	0		19.43		20.0	0.0
100	16QAM	1	137		19.49		20.0	0.0
100	64QAM	1	137		19.47		20.0	0.0
100	256QAM	1	137		18.94		19.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.46	19.47	19.39	20.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.40	19.51	19.39	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.43	19.49	19.35	20.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.43	19.48	19.42	20.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.42	19.41	19.36	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.40	19.42	19.45	20.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.36	19.47	19.37	20.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.44	19.51	19.35	20.0	0.0

Reduced Power Mode for DS3 ENDC

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45		
20	QPSK	1	49	22.53	22.61	22.46	23	0
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38		
20	QPSK	50	24	21.48	21.54	21.39	22	1
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39		
20	16QAM	1	49	21.50	21.51	21.49	22	1
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50		
20	16QAM	50	24	20.66	20.68	20.56	21	2
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54		
20	64QAM	1	49	20.72	20.74	20.66	21	2
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57		
20	64QAM	50	24	19.57	19.66	19.64	20	3
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.48	17.45		
20	256QAM	1	49	17.51	17.62	17.60	18	5
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55		
20	256QAM	50	24	17.55	17.63	17.58	18	5
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36		
15	QPSK	1	37	22.49	22.53	22.40	23	0
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.39	21.51	21.40		
15	QPSK	36	20	21.36	21.40	21.36	22	1
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.32	21.32	21.32		
15	16QAM	1	37	21.59	21.58	21.40	22	1
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47		
15	16QAM	36	20	20.60	20.60	20.53	21	2
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47		
15	64QAM	1	37	20.65	20.71	20.58	21	2
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50		
15	64QAM	36	20	19.51	19.63	19.56	20	3
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41		
15	256QAM	1	37	17.49	17.55	17.54	18	5
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.47	17.48		
15	256QAM	36	20	17.49	17.56	17.46	18	5
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41		
10	QPSK	1	25	22.49	22.55	22.37	23	0
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32		
10	QPSK	25	12	21.45	21.50	21.30	22	1
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.46	21.46	21.36		
10	16QAM	1	25	21.56	21.57	21.41	22	1
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45		
10	16QAM	25	12	20.66	20.64	20.53	21	2
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49		
10	64QAM	1	25	20.63	20.62	20.52	21	2
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55		
10	64QAM	25	12	19.55	19.56	19.60	20	3
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42		
10	256QAM	1	25	17.45	17.62	17.60	18	5
10	256QAM	1	49	17.30	17.22	17.22		
10	256QAM	25	0	17.44	17.53	17.50		
10	256QAM	25	12	17.49	17.56	17.53	18	5
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.56	17.47		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44		
5	QPSK	1	12	22.49	22.55	22.35	23	0
5	QPSK	1	24	22.31	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31		
5	QPSK	12	7	21.41	21.43	21.36	22	1
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.35	21.35		
5	16QAM	1	12	21.58	21.56	21.42	22	1
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46		
5	16QAM	12	7	20.65	20.62	20.45		
5	16QAM	12	13	20.57	20.59	20.44	21	2
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50		
5	64QAM	1	12	20.64	20.63	20.63	21	2
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52		
5	64QAM	12	7	19.52	19.58	19.58	20	3
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43		
5	256QAM	1	12	17.46	17.59	17.55	18	5
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51		
5	256QAM	12	7	17.47	17.59	17.51	18	5
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43		
3	QPSK	1	8	22.52	22.56	22.44	23	0
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34		
3	QPSK	8	4	21.39	21.47	21.30	22	1
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.38	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.30		
3	16QAM	1	8	21.61	21.59	21.41	22	1
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47		
3	16QAM	8	4	20.60	20.63	20.53	21	2
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48		
3	64QAM	1	8	20.63	20.63	20.63	21	2
3	64QAM	1	14	20.48	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57		
3	64QAM	8	4	19.51	19.61	19.59	20	3
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41		
3	256QAM	1	8	17.41	17.58	17.58	18	5
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51		
3	256QAM	8	4	17.51	17.55	17.54	18	5
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35		
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20	23	0
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	1	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39		
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23	22	1
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.50	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.66	20.57	20.51		
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42	21	2
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44		
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33	18	5
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.42	24.46	24.32		
20	QPSK	1	49	24.47	24.51	24.34	25	0
20	QPSK	1	99	24.23	24.28	24.11		
20	QPSK	50	0	23.30	23.38	23.23		
20	QPSK	50	24	23.39	23.43	23.31	24	1
20	QPSK	50	50	23.27	23.33	23.19		
20	QPSK	100	0	23.32	23.38	23.24		
20	16QAM	1	0	23.32	23.41	23.29		
20	16QAM	1	49	23.37	23.42	23.24	24	1
20	16QAM	1	99	23.27	23.34	23.17		
20	16QAM	50	0	22.42	22.52	22.35		
20	16QAM	50	24	22.44	22.55	22.41	23	2
20	16QAM	50	50	22.35	22.48	22.33		
20	16QAM	100	0	22.41	22.56	22.44		
20	64QAM	1	0	22.42	22.56	22.47		
20	64QAM	1	49	22.52	22.66	22.57	23	2
20	64QAM	1	99	22.31	22.45	22.36		
20	64QAM	50	0	21.40	21.51	21.46		
20	64QAM	50	24	21.48	21.56	21.55	22	3
20	64QAM	50	50	21.43	21.50	21.45		
20	64QAM	100	0	21.46	21.48	21.46		
20	256QAM	1	0	19.28	19.35	19.31		
20	256QAM	1	49	19.40	19.51	19.49	20	5
20	256QAM	1	99	19.23	19.30	19.27		
20	256QAM	50	0	19.37	19.46	19.44		
20	256QAM	50	24	19.43	19.50	19.49	20	5
20	256QAM	50	50	19.40	19.48	19.43		
20	256QAM	100	0	19.36	19.43	19.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.32	24.40	24.24		
15	QPSK	1	37	24.44	24.43	24.30	25	0
15	QPSK	1	74	24.20	24.25	24.04		
15	QPSK	36	0	23.26	23.27	23.21		
15	QPSK	36	20	23.31	23.32	23.25	24	1
15	QPSK	36	39	23.17	23.24	23.17		
15	QPSK	75	0	23.22	23.32	23.25		
15	16QAM	1	0	23.27	23.33	23.23		
15	16QAM	1	37	23.37	23.55	23.34	24	1
15	16QAM	1	74	23.22	23.29	23.16		
15	16QAM	36	0	22.37	22.45	22.30		
15	16QAM	36	20	22.39	22.51	22.38	23	2
15	16QAM	36	39	22.26	22.39	22.23		
15	16QAM	75	0	22.33	22.47	22.32		
15	64QAM	1	0	22.38	22.54	22.48		
15	64QAM	1	37	22.46	22.62	22.47	23	2
15	64QAM	1	74	22.25	22.40	22.31		
15	64QAM	36	0	21.34	21.47	21.41		
15	64QAM	36	20	21.44	21.51	21.51	22	3
15	64QAM	36	39	21.33	21.44	21.40		
15	64QAM	75	0	21.39	21.43	21.37		
15	256QAM	1	0	19.23	19.29	19.25		
15	256QAM	1	37	19.36	19.44	19.40	20	5
15	256QAM	1	74	19.20	19.21	19.20		
15	256QAM	36	0	19.32	19.37	19.37		
15	256QAM	36	20	19.32	19.41	19.43	20	5
15	256QAM	36	39	19.34	19.42	19.38		
15	256QAM	75	0	19.36	19.35	19.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.42	24.39	24.32		
10	QPSK	1	25	24.48	24.46	24.26	25	0
10	QPSK	1	49	24.14	24.26	24.10		
10	QPSK	25	0	23.26	23.31	23.16		
10	QPSK	25	12	23.31	23.40	23.27	24	1
10	QPSK	25	25	23.24	23.23	23.14		
10	QPSK	50	0	23.29	23.32	23.22		
10	16QAM	1	0	23.26	23.36	23.21		
10	16QAM	1	25	23.42	23.51	23.37	24	1
10	16QAM	1	49	23.24	23.32	23.13		
10	16QAM	25	0	22.39	22.45	22.23		
10	16QAM	25	12	22.38	22.54	22.31	23	2
10	16QAM	25	25	22.28	22.42	22.28		
10	16QAM	50	0	22.40	22.52	22.32		
10	64QAM	1	0	22.32	22.54	22.38		
10	64QAM	1	25	22.50	22.61	22.52	23	2
10	64QAM	1	49	22.24	22.40	22.31		
10	64QAM	25	0	21.34	21.41	21.38		
10	64QAM	25	12	21.40	21.51	21.45	22	3
10	64QAM	25	25	21.32	21.45	21.42		
10	64QAM	50	0	21.31	21.44	21.44		
10	256QAM	1	0	19.23	19.34	19.28		
10	256QAM	1	25	19.39	19.52	19.45	20	5
10	256QAM	1	49	19.16	19.23	19.19		
10	256QAM	25	0	19.31	19.46	19.38		
10	256QAM	25	12	19.36	19.44	19.46	20	5
10	256QAM	25	25	19.29	19.45	19.37		
10	256QAM	50	0	19.27	19.39	19.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.40	24.36	24.24		
5	QPSK	1	12	24.39	24.46	24.28	25	0
5	QPSK	1	24	24.12	24.20	24.08		
5	QPSK	12	0	23.30	23.36	23.21		
5	QPSK	12	7	23.38	23.39	23.22	24	1
5	QPSK	12	13	23.20	23.26	23.09		
5	QPSK	25	0	23.24	23.34	23.17		
5	16QAM	1	0	23.21	23.38	23.24		
5	16QAM	1	12	23.45	23.55	23.33	24	1
5	16QAM	1	24	23.27	23.28	23.11		
5	16QAM	12	0	22.39	22.47	22.29		
5	16QAM	12	7	22.36	22.46	22.35	23	2
5	16QAM	12	13	22.31	22.39	22.27		
5	16QAM	25	0	22.30	22.47	22.44		
5	64QAM	1	0	22.42	22.47	22.38		
5	64QAM	1	12	22.50	22.62	22.48	23	2
5	64QAM	1	24	22.23	22.40	22.35		
5	64QAM	12	0	21.40	21.42	21.43		
5	64QAM	12	7	21.46	21.49	21.48	22	3
5	64QAM	12	13	21.41	21.42	21.43		
5	64QAM	25	0	21.38	21.42	21.46		
5	256QAM	1	0	19.24	19.27	19.29		
5	256QAM	1	12	19.39	19.44	19.46	20	5
5	256QAM	1	24	19.14	19.26	19.21		
5	256QAM	12	0	19.30	19.45	19.41		
5	256QAM	12	7	19.38	19.50	19.44	20	5
5	256QAM	12	13	19.35	19.44	19.33		
5	256QAM	25	0	19.31	19.39	19.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.33	24.36	24.24		
3	QPSK	1	8	24.37	24.45	24.27	25	0
3	QPSK	1	14	24.14	24.22	24.04		
3	QPSK	8	0	23.26	23.32	23.19		
3	QPSK	8	4	23.35	23.33	23.25	24	1
3	QPSK	8	7	23.24	23.34	23.13		
3	QPSK	15	0	23.24	23.27	23.18		
3	16QAM	1	0	23.21	23.33	23.25		
3	16QAM	1	8	23.42	23.47	23.40	24	1
3	16QAM	1	14	23.23	23.29	23.08		
3	16QAM	8	0	22.32	22.42	22.30		
3	16QAM	8	4	22.45	22.46	22.39	23	2
3	16QAM	8	7	22.31	22.45	22.28		
3	16QAM	15	0	22.36	22.47	22.39		
3	64QAM	1	0	22.37	22.46	22.42		
3	64QAM	1	8	22.44	22.62	22.51	23	2
3	64QAM	1	14	22.22	22.43	22.33		
3	64QAM	8	0	21.35	21.46	21.40		
3	64QAM	8	4	21.43	21.52	21.49	22	3
3	64QAM	8	7	21.38	21.47	21.41		
3	64QAM	15	0	21.32	21.43	21.38		
3	256QAM	1	0	19.26	19.26	19.29		
3	256QAM	1	8	19.31	19.44	19.48	20	5
3	256QAM	1	14	19.17	19.24	19.23		
3	256QAM	8	0	19.29	19.39	19.39		
3	256QAM	8	4	19.39	19.48	19.47	20	5
3	256QAM	8	7	19.38	19.45	19.34		
3	256QAM	15	0	19.32	19.37	19.47		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.38	24.37	24.21		
1.4	QPSK	1	3	24.41	24.42	24.28		
1.4	QPSK	1	5	24.17	24.26	24.03	25	0
1.4	QPSK	3	0	24.28	24.35	24.20		
1.4	QPSK	3	1	24.36	24.32	24.20		
1.4	QPSK	3	3	24.08	24.15	23.94		
1.4	QPSK	6	0	23.27	23.30	23.18	24	1
1.4	16QAM	1	0	23.28	23.39	23.23		
1.4	16QAM	1	3	23.42	23.46	23.39		
1.4	16QAM	1	5	23.18	23.32	23.10	24	1
1.4	16QAM	3	0	23.24	23.30	23.18		
1.4	16QAM	3	1	23.34	23.38	23.37		
1.4	16QAM	3	3	23.11	23.33	22.99		
1.4	16QAM	6	0	22.39	22.51	22.42	23	2
1.4	64QAM	1	0	22.36	22.47	22.37		
1.4	64QAM	1	3	22.42	22.61	22.51		
1.4	64QAM	1	5	22.24	22.37	22.36	23	2
1.4	64QAM	3	0	22.29	22.43	22.31		
1.4	64QAM	3	1	22.36	22.60	22.42		
1.4	64QAM	3	3	22.21	22.36	22.35		
1.4	64QAM	6	0	21.30	21.42	21.40	22	3
1.4	256QAM	1	0	19.22	19.30	19.23		
1.4	256QAM	1	3	19.34	19.44	19.47		
1.4	256QAM	1	5	19.21	19.27	19.27	20	5
1.4	256QAM	3	0	19.33	19.43	19.39		
1.4	256QAM	3	1	19.36	19.44	19.49		
1.4	256QAM	3	3	19.33	19.46	19.35		
1.4	256QAM	6	0	19.27	19.34	19.35	20	5

Band 5 Other PA_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	24.05	24.08	24.00		
10	QPSK	1	25	24.06	24.12	24.06	25	0
10	QPSK	1	49	24.00	24.06	24.03		
10	QPSK	25	0	22.94	23.01	22.97		
10	QPSK	25	12	23.04	23.11	23.09	24	1
10	QPSK	25	25	22.95	23.04	23.02		
10	QPSK	50	0	23.00	23.09	23.05		
10	16QAM	1	0	23.02	23.09	23.07		
10	16QAM	1	25	23.07	23.16	23.11	24	1
10	16QAM	1	49	23.02	23.12	23.08		
10	16QAM	25	0	21.90	22.02	21.96		
10	16QAM	25	12	21.94	22.08	22.05	23	2
10	16QAM	25	25	21.91	22.04	21.98		
10	16QAM	50	0	22.01	22.11	22.07

Band 7 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.44	21.45	21.42	22.3	0
20	QPSK	1	49	21.53	21.58	21.55		
20	QPSK	1	99	21.36	21.43	21.42		
20	QPSK	50	0	20.38	20.46	20.46	21.3	1
20	QPSK	50	24	20.46	20.52	20.50		
20	QPSK	50	50	20.43	20.49	20.48		
20	QPSK	100	0	20.39	20.46	20.44		
20	16QAM	1	0	20.40	20.47	20.48	21.3	1
20	16QAM	1	49	20.55	20.65	20.66		
20	16QAM	1	99	20.40	20.48	20.47		
20	16QAM	50	0	19.34	19.42	19.38	20.3	2
20	16QAM	50	24	19.38	19.46	19.44		
20	16QAM	50	50	19.39	19.45	19.40		
20	16QAM	100	0	19.40	19.45	19.43		
20	64QAM	1	0	19.37	19.39	19.39	20.3	2
20	64QAM	1	49	19.52	19.55	19.54		
20	64QAM	1	99	19.36	19.38	19.36		
20	64QAM	50	0	18.30	18.38	18.33	19.3	3
20	64QAM	50	24	18.34	18.45	18.44		
20	64QAM	50	50	18.36	18.44	18.43		
20	64QAM	100	0	18.33	18.42	18.37		
20	256QAM	1	0	16.28	16.38	16.36	17.3	5
20	256QAM	1	49	16.44	16.55	16.51		
20	256QAM	1	99	16.35	16.42	16.38		
20	256QAM	50	0	16.43	16.52	16.49	17.3	5
20	256QAM	50	24	16.54	16.62	16.59		
20	256QAM	50	50	16.49	16.58	16.57		
20	256QAM	100	0	16.51	16.60	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.35	21.40	21.36	22.3	0
15	QPSK	1	37	21.50	21.55	21.56		
15	QPSK	1	74	21.35	21.43	21.36		
15	QPSK	36	0	20.35	20.40	20.37	21.3	1
15	QPSK	36	20	20.42	20.44	20.46		
15	QPSK	36	39	20.39	20.41	20.40		
15	QPSK	75	0	20.32	20.39	20.40		
15	16QAM	1	0	20.35	20.40	20.42	21.3	1
15	16QAM	1	37	20.48	20.58	20.62		
15	16QAM	1	74	20.33	20.37	20.44		
15	16QAM	36	0	19.30	19.36	19.33	20.3	2
15	16QAM	36	20	19.35	19.40	19.40		
15	16QAM	36	39	19.37	19.42	19.35		
15	16QAM	75	0	19.29	19.39	19.38		
15	64QAM	1	0	19.34	19.30	19.35	20.3	2
15	64QAM	1	37	19.44	19.51	19.52		
15	64QAM	1	74	19.32	19.32	19.31		
15	64QAM	36	0	18.24	18.36	18.31	19.3	3
15	64QAM	36	20	18.25	18.38	18.42		
15	64QAM	36	39	18.32	18.36	18.44		
15	64QAM	75	0	18.23	18.32	18.31		
15	256QAM	1	0	16.23	16.38	16.29	17.3	5
15	256QAM	1	37	16.38	16.53	16.41		
15	256QAM	1	74	16.35	16.35	16.37		
15	256QAM	36	0	16.43	16.47	16.45	17.3	5
15	256QAM	36	20	16.49	16.62	16.56		
15	256QAM	36	39	16.45	16.48	16.47		
15	256QAM	75	0	16.51	16.55	16.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.39	21.39	21.39	22.3	0
10	QPSK	1	25	21.53	21.51	21.51		
10	QPSK	1	49	21.28	21.33	21.39		
10	QPSK	25	0	20.36	20.35	20.40	21.3	1
10	QPSK	25	12	20.36	20.45	20.49		
10	QPSK	25	25	20.41	20.41	20.44		
10	QPSK	50	0	20.29	20.41	20.37		
10	16QAM	1	0	20.33	20.48	20.46	21.3	1
10	16QAM	1	25	20.50	20.57	20.64		
10	16QAM	1	49	20.33	20.42	20.42		
10	16QAM	25	0	19.29	19.37	19.29	20.3	2
10	16QAM	25	12	19.26	19.46	19.41		
10	16QAM	25	25	19.29	19.39	19.32		
10	16QAM	50	0	19.38	19.40	19.38		
10	64QAM	1	0	19.31	19.33	19.29	20.3	2
10	64QAM	1	25	19.48	19.48	19.46		
10	64QAM	1	49	19.26	19.35	19.29		
10	64QAM	25	0	18.25	18.39	18.24	19.3	3
10	64QAM	25	12	18.28	18.37	18.34		
10	64QAM	25	25	18.33	18.44	18.37		
10	64QAM	50	0	18.32	18.38	18.28		
10	256QAM	1	0	16.21	16.30	16.31	17.3	5
10	256QAM	1	25	16.43	16.45	16.46		
10	256QAM	1	49	16.34	16.37	16.34		
10	256QAM	25	0	16.35	16.47	16.37	17.3	5
10	256QAM	25	12	16.47	16.55	16.52		
10	256QAM	25	25	16.41	16.48	16.47		
10	256QAM	50	0	16.48	16.55	16.48		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.34	21.41	21.34	22.3	0
5	QPSK	1	12	21.47	21.52	21.49		
5	QPSK	1	24	21.31	21.42	21.32		
5	QPSK	12	0	20.34	20.35	20.41	21.3	1
5	QPSK	12	7	20.40	20.48	20.48		
5	QPSK	12	13	20.38	20.42	20.42		
5	QPSK	25	0	20.28	20.44	20.39		
5	16QAM	1	0	20.37	20.43	20.42	21.3	1
5	16QAM	1	12	20.49	20.61	20.59		
5	16QAM	1	24	20.31	20.42	20.37		
5	16QAM	12	0	19.22	19.32	19.30	20.3	2
5	16QAM	12	7	19.33	19.38	19.42		
5	16QAM	12	13	19.36	19.40	19.30		
5	16QAM	25	0	19.36	19.42	19.33		
5	64QAM	1	0	19.32	19.39	19.36	20.3	2
5	64QAM	1	12	19.45	19.49	19.50		
5	64QAM	1	24	19.31	19.32	19.28		
5	64QAM	12	0	18.24	18.30	18.28	19.3	3
5	64QAM	12	7	18.34	18.34	18.45		
5	64QAM	12	13	18.33	18.38	18.42		
5	64QAM	25	0	18.29	18.33	18.27		
5	256QAM	1	0	16.22	16.31	16.29	17.3	5
5	256QAM	1	12	16.37	16.50	16.42		
5	256QAM	1	24	16.31	16.33	16.31		
5	256QAM	12	0	16.37	16.50	16.49	17.3	5
5	256QAM	12	7	16.49	16.55	16.50		
5	256QAM	12	13	16.45	16.58	16.48		
5	256QAM	25	0	16.49	16.53	16.51		

Band 7 Other PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.47	21.48	21.46	22.5	0
20	QPSK	1	49	21.55	21.63	21.60		
20	QPSK	1	99	21.54	21.51	21.50		
20	QPSK	50	0	21.40	21.54	21.50	22.5	0
20	QPSK	50	24	21.52	21.60	21.57		
20	QPSK	50	50	21.49	21.55	21.54		
20	QPSK	100	0	21.52	21.57	21.54		
20	16QAM	1	0	21.42	21.53	21.46	22.5	0
20	16QAM	1	49	21.51	21.49	21.49		
20	16QAM	1	99	21.44	21.54	21.49		
20	16QAM	50	0	20.79	20.92	20.81	22	0.5
20	16QAM	50	24	20.89	21.01	20.91		
20	16QAM	50	50	20.90	21.04	20.92		
20	16QAM	100	0	20.78	20.94	20.80		
20	64QAM	1	0	20.73	20.88	20.75	22	0.5
20	64QAM	1	49	20.92	21.08	20.97		
20	64QAM	1	99	20.78	20.91	20.77		
20	64QAM	50	0	19.81	19.88	19.83	21	1.5
20	64QAM	50	24	19.87	19.98	19.97		
20	64QAM	50	50	19.90	20.01	19.99		
20	64QAM	100	0	19.88	19.95	19.91		
20	256QAM	1	0	17.81	17.91	17.87	19	3.5
20	256QAM	1	49	18.01	18.09	18.05		
20	256QAM	1	99	17.90	17.97	17.93		
20	256QAM	50	0	17.97	18.04	18.03	19	3.5
20	256QAM	50	24	18.05	18.13	18.11		
20	256QAM	50	50	18.05	18.16	18.12		
20	256QAM	100	0	18.06	18.13	18.12		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.44	21.36	21.43	22.5	0
15	QPSK	1	37	21.44	21.61	21.52		
15	QPSK	1	74	21.44	21.45	21.48		
15	QPSK	36	0	21.35	21.47	21.36	22.5	0
15	QPSK	36	20	21.47	21.56	21.52		
15	QPSK	36	39	21.34	21.44	21.45		
15	QPSK	75	0	21.37	21.55	21.53		
15	16QAM	1	0	21.27	21.38	21.33	22.5	0
15	16QAM	1	37	21.39	21.41	21.46		
15	16QAM	1	74	21.31	21.50	21.36		
15	16QAM	36	0	20.76	20.89	20.77	22	0.5
15	16QAM	36	20	20.81	20.95	20.86		
15	16QAM	36	39	20.84	21.00	20.91		
15	16QAM	75	0	20.73	20.91	20.73		
15	64QAM	1	0	20.70	20.84	20.70	22	0.5
15	64QAM	1	37	20.84	21.06	20.92		
15	64QAM	1	74	20.76	20.84	20.72		
15	64QAM	36	0	19.80	19.80	19.77	21	1.5
15	64QAM	36	20	19.76	19.88	19.92		
15	64QAM	36	39	19.91	20.01	19.99		
15	64QAM	75	0	19.80	19.88	19.85		
15	256QAM	1	0	17.75	17.89	17.79	19	3.5
15	256QAM	1	37	17.92	18.03	18.03		
15	256QAM	1	74	17.81	17.90	17.88		
15	256QAM	36	0	17.92	17.95	17.98	19	3.5
15	256QAM	36	20	17.96	18.09	18.08		
15	256QAM	36	39	17.98	18.13	18.07		
15	256QAM	75	0	17.98	18.05	18.10		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.44	21.34	21.45	22.5	0
10	QPSK	1	25	21.43	21.56	21.46		
10	QPSK	1	49	21.42	21.48	21.47		
10	QPSK	25	0	21.38	21.46	21.42	22.5	0
10	QPSK	25	12	21.44	21.48	21.56		
10	QPSK	25	25	21.43	21.47	21.46		
10	QPSK	50	0	21.48	21.54	21.45		
10	16QAM	1	0	21.36	21.45	21.34	22.5	0
10	16QAM	1	25	21.36	21.45	21.34		
10	16QAM	1	49	21.40	21.40	21.47		
10	16QAM	25	0	20.70	20.85	20.72	22	0.5
10	16QAM	25	12	20.80	20.96	20.85		
10	16QAM	25	25	20.85	20.98	20.82		
10	16QAM	50	0	20.71	20.94	20.77		
10	64QAM	1	0	20.71	20.79	20.70	22	0.5
10	64QAM	1	25	20.92	20.97	20.95		
10	64QAM	1	49	20.68	20.84	20.71		
10	64QAM	25	0	19.76	19.87	19.77	21	1.5
10	64QAM	25	12	19.80	19.88	19.92		
10	64QAM	25	25	19.82	19.96	19.97		
10	64QAM	50	0	19.83	19.89	19.84		
10	256QAM	1	0	17.80	17.85	17.82	19	3.5
10	256QAM	1	25	17.93	18.03	18.01		
10	256QAM	1	49	17.87	17.85	17.85		
10	256QAM	25	0	17.94	17.99	17.98	19	3.5
10	256QAM	25	12	17.97	18.01	18.03		
10	256QAM	25	25	17.94	18.11	18.01		
10	256QAM	50	0	17.96	18.00	18.07		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.35	21.40	21.44	22.5	0
5	QPSK	1	12	21.49	21.51	21.59		
5	QPSK	1	24	21.39	21.49	21.48		
5	QPSK	12	0	21.25	21.44	21.38	22.5	0
5	QPSK	12	7	21.40	21.55	21.55		
5	QPSK	12	13	21.38	21.51	21.41		
5	QPSK	25	0	21.41	21.47	21.46		
5	16QAM	1	0	21.39	21.52	21.38	22.5	0
5	16QAM	1	12	21.50	21.41	21.43		
5	16QAM	1	24	21.43	21.52	21.36		
5	16QAM	12	0	20.76	20.88	20.74	22	0.5
5	16QAM	12	7	20.85	20.94	20.87		
5	16QAM	12	13	20.85	21.02	20.84		
5	16QAM	25	0	20.72	20.83	20.79		
5	64QAM	1	0	20.63	20.79	20.65	22	0.5
5	64QAM	1	12	20.86	21.01	20.90		
5	64QAM	1	24	20.76	20.86	20.72		
5	64QAM	12	0	19.74	19.81	19.78	21	1.5
5	64QAM	12	7	19.82	19.94	19.92		
5	64QAM	12	13	19.81	19.98	19.87		
5	64QAM	25	0	19.77	19.90	19.81		
5	256QAM	1	0	17.72	17.83	17.85	19	3.5
5	256QAM	1	12	17.95	18.05	17.97		
5	256QAM	1	24	17.85	17.90	17.81		
5	256QAM	12	0	17.95	18.00	17.96	19	3.5
5	256QAM	12	7	17.94	18.04	18.08		
5	256QAM	12	13	18.00	18.13	18.03		
5	256QAM	25	0	17.94	18.08	18.02		

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BW [MHz]	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	21.43	21.46	21.44	22.9	0
20	QPSK	1	49	21.58	21.61	21.54		
20	QPSK	1	99	21.44	21.45	21.35		
20	QPSK	50	0	20.40	20.42	20.35	21.9	1
20	QPSK	50	24	20.50	20.52	20.47		
20	QPSK	50	50	20.43	20.46	20.43		
20	QPSK	100	0	20.43	20.48	20.42		
20	16QAM	1	0	20.39	20.46	20.41	21.9	1
20	16QAM	1	49	20.56	20.66	20.63		
20	16QAM	1	99	20.40	20.49	20.44		
20	16QAM	50	0	19.34	19.41	19.38	20.9	2
20	16QAM	50	24	19.43	19.48	19.48		
20	16QAM	50	50	19.41	19.49	19.48		
20	16QAM	100	0	19.40	19.47	19.45		
20	64QAM	1	0	19.41	19.47	19.43	20.9	2
20	64QAM	1	49	19.60	19.66	19.60		
20	64QAM	1	99	19.40	19.44	19.36		
20	64QAM	50	0	18.30	18.38	18.35	19.9	3
20	64QAM	50	24	18.36	18.43	18.38		
20	64QAM	50	50	18.36	18.46	18.45		
20	64QAM	100	0	18.33	18.41	18.39		
20	256QAM	1	0	16.27	16.36	16.34	17.9	5
20	256QAM	1	49	16.46	16.55	16.50		
20	256QAM	1	99	16.33	16.42	16.38		
20	256QAM	50	0	16.44	16.55	16.53	17.9	5
20	256QAM	50	24	16.50	16.58	16.53		
20	256QAM	50	50	16.51	16.61	16.58		
20	256QAM	100	0	16.53	16.61	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.37	21.40	21.37	22.9	0
15	QPSK	1	37	21.49	21.56	21.55		
15	QPSK	1	74	21.41	21.36	21.31		
15	QPSK	36	0	20.36	20.41	20.34	21.9	1
15	QPSK	36	20	20.41	20.48	20.45		
15	QPSK	36	39	20.41	20.47	20.36		
15	QPSK	75	0	20.38	20.47	20.38		
15	16QAM	1	0	20.29	20.37	20.34	21.9	1
15	16QAM	1	37	20.52	20.64	20.51		
15	16QAM	1	74	20.32	20.43	20.37		
15	16QAM	36	0	19.24	19.34	19.27	20.9	2
15	16QAM	36	20	19.41	19.41	19.47		
15	16QAM	36	39	19.35	19.39	19.44		
15	16QAM	75	0	19.32	19.37	19.37		
15	64QAM	1	0	19.32	19.42	19.34	20.9	2
15	64QAM	1	37	19.49	19.66	19.59		
15	64QAM	1	74	19.35	19.35	19.34		
15	64QAM	36	0	18.20	18.34	18.33	19.9	3
15	64QAM	36	20	18.31	18.37	18.37		
15	64QAM	36	39	18.34	18.36	18.37		
15	64QAM	75	0	18.22	18.37	18.30		
15	256QAM	1	0	16.21	16.34	16.23	17.9	5
15	256QAM	1	37	16.38	16.47	16.41		
15	256QAM	1	74	16.26	16.40	16.34		
15	256QAM	36	0	16.39	16.48	16.54	17.9	5
15	256QAM	36	20	16.49	16.50	16.49		
15	256QAM	36	39	16.46	16.55	16.46		
15	256QAM	75	0	16.47	16.60	16.52		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.41	21.42	21.36	22.9	0
10	QPSK	1	25	21.56	21.53	21.48		
10	QPSK	1	49	21.38	21.38	21.27		
10	QPSK	25	0	20.38	20.38	20.29	21.9	1
10	QPSK	25	12	20.45	20.43	20.38		
10	QPSK	25	25	20.41	20.38	20.35		
10	QPSK	50	0	20.39	20.48	20.39		
10	16QAM	1	0	20.50	20.61	20.56	21.9	1
10	16QAM	1	49	20.41	20.42	20.41		
10	16QAM	25	0	19.31	19.33	19.33	20.9	2
10	16QAM	25	12	19.39	19.40	19.43		
10	16QAM	25	25	19.30	19.46	19.41		
10	16QAM	50	0	19.41	19.45	19.37		
10	64QAM	1	0	19.35	19.39	19.36	20.9	2
10	64QAM	1	25	19.59	19.60	19.60		
10	64QAM	1	49	19.37	19.37	19.26		
10	64QAM	25	0	18.29	18.28	18.28	19.9	3
10	64QAM	25	12	18.31	18.38	18.36		
10	64QAM	25	25	18.29	18.44	18.45		
10	64QAM	50	0	18.32	18.39	18.35		
10	256QAM	1	0	16.21	16.31	16.32	17.9	5
10	256QAM	1	25	16.40	16.49	16.40		
10	256QAM	1	49	16.28	16.38	16.35		
10	256QAM	25	0	16.42	16.50	16.48	17.9	5
10	256QAM	25	12	16.43	16.48	16.50		
10	256QAM	25	25	16.48	16.62	16.56		
10	256QAM	50	0	16.44	16.51	16.48		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.40	21.40	21.33	22.9	0
5	QPSK	1	12	21.52	21.58	21.54		
5	QPSK	1	24	21.43	21.43	21.36		
5	QPSK	12	0	20.33	20.38	20.32	21.9	1
5	QPSK	12	7	20.47	20.44	20.41		
5	QPSK	12	13	20.43	20.40	20.37		
5	QPSK	25	0	20.37	20.42	20.39		
5	16QAM	1	0	20.33	20.38	20.35	21.9	1
5	16QAM	1	12	20.51	20.61	20.63		
5	16QAM	1	24	20.29	20.47	20.42		
5	16QAM	12	0	19.22	19.37	19.34	20.9	2
5	16QAM	12	7	19.38	19.48	19.44		
5	16QAM	12	13	19.34	19.49	19.45		
5	16QAM	25	0	19.31	19.46	19.45		
5	64QAM	1	0	19.37	19.40	19.34	20.9	2
5	64QAM	1	12	19.53	19.58	19.56		
5	64QAM	1	24	19.34	19.42	19.25		
5	64QAM	12	0	18.25	18.26	18.31	19.9	3
5	64QAM	12	7	18.29	18.43	18.38		
5	64QAM	12	13	18.28	18.42	18.36		
5	64QAM	25	0	18.24	18.34	18.33		
5	256QAM	1	0	16.21	16.24	16.27	17.9	5
5	256QAM	1	12	16.43	16.52	16.43		
5	256QAM	1	24	16.26	16.43	16.28		
5	256QAM	12	0	16.40	16.51	16.49	17.9	5
5	256QAM	12	7	16.47	16.53	16.52		
5	256QAM	12	13	16.46	16.51	16.58		
5	256QAM	25	0	16.53	16.54	16.47		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.58	20.55	20.58	21.5	0
20	QPSK	1	49	20.60	20.69	20.64		
20	QPSK	1	99	20.46	20.49	20.62		
20	QPSK	50	0	20.48	20.59	20.41	21.5	0
20	QPSK	50	24	20.40	20.61	20.53		
20	QPSK	50	50	20.40	20.50	20.44		
20	QPSK	100	0	20.36	20.59	20.43		
20	16QAM	1	0	20.45	20.55	20.52	21.5	0
20	16QAM	1	49	20.47	20.52	20.50		
20	16QAM	1	99	20.47	20.46	20.47		
20	16QAM	50	0	20.42	20.56	20.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.62	23.31	23.61		
10	QPSK	1	25	23.68	23.69	23.68	24.5	0
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57		
10	QPSK	25	12	22.68	22.71	22.62	23.5	1
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81		
10	16QAM	1	25	22.83	22.87	22.87	23.5	1
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59		
10	16QAM	25	12	21.66	21.65	21.65	22.5	2
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65		
10	64QAM	1	25	21.73	21.73	21.70	22.5	2
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56		
10	64QAM	25	12	20.61	20.62	20.62	21.5	3
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.65	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98		
10	256QAM	1	25	18.98	18.95	19.03	19.5	5
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99		
10	256QAM	25	12	19.02	19.02	19.05	19.5	5
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51		
5	QPSK	1	12	23.63	23.62	23.57	24.5	0
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.56	22.54		
5	QPSK	12	7	22.72	22.67	22.57	23.5	1
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61		
5	16QAM	1	0	22.78	22.75	22.83		
5	16QAM	1	12	22.85	22.85	22.92	23.5	1
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59		
5	16QAM	12	7	21.60	21.62	21.57	22.5	2
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68		
5	64QAM	1	12	21.65	21.53	21.64	22.5	2
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56		
5	64QAM	12	7	20.66	20.61	20.60	21.5	3
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94		
5	256QAM	1	12	19.01	18.98	18.93	19.5	5
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99		
5	256QAM	12	7	19.00	19.00	19.07	19.5	5
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62		
3	QPSK	1	8	23.64	23.66	23.68	24.5	0
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57		
3	QPSK	8	4	22.62	22.65	22.53	23.5	1
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.82	22.82	22.76		
3	16QAM	1	8	22.85	22.84	22.79	23.5	1
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63		
3	16QAM	8	4	21.58	21.70	21.55	22.5	2
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64		
3	64QAM	1	8	21.76	21.68	21.63	22.5	2
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59		
3	64QAM	8	4	20.55	20.62	20.60	21.5	3
3	64QAM	8	7	20.64	20.62	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88		
3	256QAM	1	8	18.99	18.89	19.08	19.5	5
3	256QAM	1	14	18.98	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93		
3	256QAM	8	4	18.95	18.93	18.96	19.5	5
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.02	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52		
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61	24.5	0
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.37	22.47		
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55	23.5	1
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.68	21.47	21.67		
1.4	64QAM	1	3	21.61	21.51	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60	22.5	2
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80		
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98	19.5	5
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.96	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83		
10	QPSK	1	25	23.90	23.95	23.91	24.5	0
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78		
10	QPSK	25	12	22.72	22.93	22.85	23.5	1
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02		
10	16QAM	1	25	22.92	23.06	23.04	23.5	1
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88		
10	16QAM	25	12	21.83	21.86	21.89	22.5	2
10	16QAM	25	25	21.86	21.73	21.96		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98		
10	64QAM	1	25	22.00	22.04	22.04	22.5	2
10	64QAM	1	49	22.00	22.00	22.01		
10	64QAM	25	0	20.73	20.82	20.87		
10	64QAM	25	12	20.82	20.85	20.84	21.5	3
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27		
10	256QAM	1	25	19.25	19.25	19.25	19.5	5
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23		
10	256QAM	25	12	19.28	19.20	19.27	19.5	5
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84		
5	QPSK	1	12	23.82	23.85	23.82	24.5	0
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73		
5	QPSK	12	7	22.77	22.98	22.87	23.5	1
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85		
5	16QAM	1	0	22.80	22.88	23.02		
5	16QAM	1	12	22.94	23.04	23.07	23.5	1
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81		
5	16QAM	12	7	21.82	21.80	21.80	22.5	2
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96		
5	64QAM	1	12	21.92	21.97	22.08	22.5	2
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81		
5	64QAM	12	7	20.87	20.79	20.79	21.5	3
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.86		
5	256QAM	1	0	19.21	19.17	19.27		
5	256QAM	1	12	19.17	19.26	19.30	19.5	5
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26		
5	256QAM	12	7	19.18	19.16	19.17	19.5	5
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73		
3	QPSK	1	8	23.86	23.87	23.94	24.5	0
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.76	22.88	22.77		
3	QPSK	8	4	22.81	22.96	22.82	23.5	1
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.78	22.86	23.04		
3	16QAM	1	8	23.02	23.02	22.99	23.5	1
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83		
3	16QAM	8	4	21.83	21.82	21.87	22.5	2
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95		
3	64QAM	1	8	22.02	22.04	22.03	22.5	2
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82		
3	64QAM	8	4	20.83	20.84	20.83	21.5	3
3	64QAM	8	7	20.83	20.76	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20		
3	256QAM	1	8	19.19	19.29	19.15	19.5	5
3	256QAM	1	14	19.23	19.13	19.13		
3	256QAM	8	0	19.22	19.21	19.18		
3	256QAM	8	4	19.32	19.10	19.20	19.5	5
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	18.94	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83		
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.68	23.88	24.5	0
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.89		
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94	23.5	1
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.80	21.91	21.97		
1.4	64QAM	1	3	21.82	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80	22.5	2
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19		
1.4	256QAM	1	3	19.18	19.18	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06	19.5	5
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.02	24.05	24.01		
15	QPSK	1	37	24.07	24.14	24.06	25	0
15	QPSK	1	74	24.01	24.04	24.03		
15	QPSK	36	0	23.04	23.04	23.03		
15	QPSK	36	20	23.06	23.08	23.07	24	1
15	QPSK	36	39	23.05	23.04	23.01		
15	QPSK	75	0	22.97	23.14	23.11		
15	16QAM	1	0	22.75	23.04	22.96		
15	16QAM	1	37	23.09	23.04	22.99	24	1
15	16QAM	1	74	23.11	23.02	22.90		
15	16QAM	36	0	21.95	22.00	21.91		
15	16QAM	36	20	21.99	22.02	21.96	23	2
15	16QAM	36	39	22.00	21.97	21.89		
15	16QAM	75	0	22.00	22.03	21.94		
15	64QAM	1	0	21.92	21.95	21.88		
15	64QAM	1	37	21.95	21.99	21.91	23	2
15	64QAM	1	74	21.98	21.94	21.83		
15	64QAM	36	0	20.91	20.98	20.93		
15	64QAM	36	20	20.98	21.03	20.98	22	3
15	64QAM	36	39	20.98	20.95	20.94		
15	64QAM	75	0	21.01	21.02	21.01		
15	256QAM	1	0	18.76	18.82	18.81		
15	256QAM	1	37	18.86	18.85	18.83	20	5
15	256QAM	1	74	18.86	18.80	18.75		
15	256QAM	36	0	18.86	18.91	18.87		
15	256QAM	36	20	18.91	18.96	18.93	20	5
15	256QAM	36	39	18.82	18.91	18.90		
15	256QAM	75	0	18.85	18.99	18.94		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.84	23.87	23.85		
10	QPSK	1	25	23.98	23.97	23.96	25	0
10	QPSK	1	49	23.98	23.83	23.89		
10	QPSK	25	0	22.91	22.88	22.87		
10	QPSK	25	12	22.91	22.94	22.94	24	1
10	QPSK	25	25	22.96	22.90	22.87		
10	QPSK	50	0	23.00	23.01	22.97		
10	16QAM	1	0	22.70	22.94	22.92		
10	16QAM	1	25	23.02	23.03	22.91	24	1
10	16QAM	1	49	23.03	23.00	22.80		
10	16QAM	25	0	21.87	21.96	21.87		
10	16QAM	25	12	21.95	21.90	21.90	23	2
10	16QAM	25	25	22.01	21.91	21.83		
10	16QAM	50	0	21.89	21.96	21.86		
10	64QAM	1	0	21.85	21.91	21.85		
10	64QAM	1	25	21.90	21.94	21.83	23	2
10	64QAM	1	49	21.86	21.91	21.78		
10	64QAM	25	0	20.91	20.94	20.92		
10	64QAM	25	12	20.92	21.01	20.92	22	3
10	64QAM	25	25	20.89	20.94	20.84		
10	64QAM	50	0	20.92	20.98	20.90		
10	256QAM	1	0	18.73	18.80	18.76		
10	256QAM	1	25	18.81	18.75	18.79	20	5
10	256QAM	1	49	18.77	18.80	18.73		
10	256QAM	25	0	18.81	18.86	18.84		
10	256QAM	25	12	18.89	18.95	18.88	20	5
10	256QAM	25	25	18.79	18.81	18.83		
10	256QAM	50	0	18.86	18.96	18.92		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.81	23.89	23.89		
5	QPSK	1	12	23.99	23.96	23.90	25	0
5	QPSK	1	24	23.94	23.84	23.88		
5	QPSK	12	0	22.94	22.94	22.86		
5	QPSK	12	7	22.94	22.86	22.90	24	1
5	QPSK	12	13	22.91	22.91	22.86		
5	QPSK	25	0	22.90	22.99	22.95		
5	16QAM	1	0	22.69	23.01	22.93		
5	16QAM	1	12	23.04	23.06	22.92	24	1
5	16QAM	1	24	23.08	22.94	22.85		
5	16QAM	12	0	21.80	21.91	21.87		
5	16QAM	12	7	21.89	21.98	21.88	23	2
5	16QAM	12	13	21.94	21.95	21.84		
5	16QAM	25	0	21.87	21.98	21.87		
5	64QAM	1	0	21.89	21.92	21.80		
5	64QAM	1	12	21.83	21.97	21.84	23	2
5	64QAM	1	24	21.91	21.91	21.71		
5	64QAM	12	0	20.90	20.92	20.90		
5	64QAM	12	7	20.92	20.94	20.97	22	3
5	64QAM	12	13	20.95	20.89	20.87		
5	64QAM	25	0	20.94	20.95	20.97		
5	256QAM	1	0	18.75	18.70	18.80		
5	256QAM	1	12	18.79	18.77	18.73	20	5
5	256QAM	1	24	18.77	18.70	18.64		
5	256QAM	12	0	18.87	18.89	18.82		
5	256QAM	12	7	18.81	18.86	18.91	20	5
5	256QAM	12	13	18.77	18.81	18.86		
5	256QAM	25	0	18.90	18.96	18.86		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.90	23.91	23.87		
3	QPSK	1	8	23.96	23.91	23.93	25	0
3	QPSK	1	14	23.95	23.85	23.88		
3	QPSK	8	0	22.80	22.88	22.87		
3	QPSK	8	4	22.93	22.96	22.95	24	1
3	QPSK	8	7	22.93	22.93	22.89		
3	QPSK	15	0	22.90	22.95	22.93		
3	16QAM	1	0	22.99	22.99	22.95		
3	16QAM	1	8	23.03	23.02	22.90	24	1
3	16QAM	1	14	23.05	23.01	22.81		
3	16QAM	8	0	21.96	21.99	21.97		
3	16QAM	8	4	21.90	21.97	21.91	23	2
3	16QAM	8	7	21.94	21.88	21.85		
3	16QAM	15	0	22.01	22.02	21.87		
3	64QAM	1	0	21.88	21.92	21.86		
3	64QAM	1	8	21.91	21.92	21.88	23	2
3	64QAM	1	14	21.94	21.91	21.80		
3	64QAM	8	0	20.90	20.92	20.84		
3	64QAM	8	4	20.88	20.97	20.94	22	3
3	64QAM	8	7	20.87	20.89	20.88		
3	64QAM	15	0	21.00	21.00	20.98		
3	256QAM	1	0	18.73	18.77	18.72		
3	256QAM	1	8	18.78	18.76	18.81	20	5
3	256QAM	1	14	18.81	18.73	18.75		
3	256QAM	8	0	18.82	18.86	18.76		
3	256QAM	8	4	18.83	18.89	18.85	20	5
3	256QAM	8	7	18.75	18.88	18.81		
3	256QAM	15	0	18.87	18.99	18.86		
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	23.90	23.86		
1.4	QPSK	1	3	24.01	23.89	23.86		
1.4	QPSK	1	5	23.97	23.85	23.84	25	0
1.4	QPSK	3	0	23.84	23.87	23.78		
1.4	QPSK	3	1	23.96	23.85	23.77		
1.4	QPSK	3	3	23.93	23.80	23.79		
1.4	QPSK	6	0	22.84	22.95	22.89	24	1
1.4	16QAM	1	0	22.70	23.02	22.88		
1.4	16QAM	1	3	22.99	22.97	22.97		
1.4	16QAM	1	5	23.10	22.95	22.84	24	1
1.4	16QAM	3	0	22.64	22.98	22.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.50	21.61	21.58		
20	QPSK	1	49	21.60	21.70	21.68	22.3	0
20	QPSK	1	99	21.46	21.56	21.54		
20	QPSK	50	0	20.51	20.62	20.60		
20	QPSK	50	24	20.62	20.70	20.67	21.3	1
20	QPSK	50	50	20.61	20.67	20.65		
20	QPSK	100	0	20.63	20.66	20.62		
20	16QAM	1	0	20.69	20.70	20.68		
20	16QAM	1	49	20.80	20.83	20.81	21.3	1
20	16QAM	1	99	20.71	20.73	20.71		
20	16QAM	50	0	19.59	19.63	19.58		
20	16QAM	50	24	19.63	19.66	19.59	20.3	2
20	16QAM	50	50	19.64	19.68	19.62		
20	16QAM	100	0	19.60	19.65	19.62		
20	64QAM	1	0	19.65	19.71	19.69		
20	64QAM	1	49	19.63	19.70	19.67	20.3	2
20	64QAM	1	99	19.58	19.68	19.62		
20	64QAM	50	0	18.53	18.63	18.60		
20	64QAM	50	24	18.60	18.70	18.65	19.3	3
20	64QAM	50	50	18.59	18.66	18.62		
20	64QAM	100	0	18.58	18.65	18.61		
20	256QAM	1	0	16.38	16.47	16.44		
20	256QAM	1	49	16.48	16.56	16.55	17.3	5
20	256QAM	1	99	16.40	16.48	16.43		
20	256QAM	50	0	16.41	16.61	16.58		
20	256QAM	50	24	16.55	16.63	16.62	17.3	5
20	256QAM	50	50	16.51	16.61	16.56		
20	256QAM	100	0	16.50	16.58	16.56		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.41	21.56	21.50		
15	QPSK	1	37	21.51	21.67	21.68	22.3	0
15	QPSK	1	74	21.39	21.48	21.51		
15	QPSK	36	0	20.47	20.55	20.49		
15	QPSK	36	20	20.52	20.64	20.65	21.3	1
15	QPSK	36	39	20.54	20.60	20.61		
15	QPSK	75	0	20.60	20.60	20.57		
15	16QAM	1	0	20.68	20.68	20.60		
15	16QAM	1	37	20.70	20.73	20.78	21.3	1
15	16QAM	1	74	20.63	20.65	20.63		
15	16QAM	36	0	19.57	19.53	19.56		
15	16QAM	36	20	19.61	19.66	19.60	20.3	2
15	16QAM	36	39	19.55	19.62	19.58		
15	16QAM	75	0	19.58	19.62	19.50		
15	64QAM	1	0	19.54	19.66	19.58		
15	64QAM	1	37	19.58	19.63	19.65	20.3	2
15	64QAM	1	74	19.56	19.61	19.57		
15	64QAM	36	0	18.52	18.57	18.51		
15	64QAM	36	20	18.52	18.65	18.60	19.3	3
15	64QAM	36	39	18.56	18.62	18.55		
15	64QAM	75	0	18.51	18.61	18.53		
15	256QAM	1	0	16.36	16.40	16.37		
15	256QAM	1	37	16.40	16.48	16.46	17.3	5
15	256QAM	1	74	16.36	16.42	16.42		
15	256QAM	36	0	16.47	16.57	16.58		
15	256QAM	36	20	16.49	16.58	16.54	17.3	5
15	256QAM	36	39	16.46	16.51	16.49		
15	256QAM	75	0	16.44	16.50	16.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.40	21.55	21.53		
10	QPSK	1	25	21.52	21.64	21.65	22.3	0
10	QPSK	1	49	21.39	21.56	21.51		
10	QPSK	25	0	20.45	20.52	20.58		
10	QPSK	25	12	20.60	20.69	20.57	21.3	1
10	QPSK	25	25	20.56	20.68	20.64		
10	QPSK	50	0	20.53	20.56	20.61		
10	16QAM	1	0	20.69	20.63	20.69		
10	16QAM	1	25	20.77	20.76	20.75	21.3	1
10	16QAM	1	49	20.65	20.70	20.68		
10	16QAM	25	0	19.54	19.58	19.53		
10	16QAM	25	12	19.64	19.60	19.58	20.3	2
10	16QAM	25	25	19.62	19.58	19.61		
10	16QAM	50	0	19.53	19.55	19.57		
10	64QAM	1	0	19.63	19.61	19.59		
10	64QAM	1	25	19.55	19.60	19.66	20.3	2
10	64QAM	1	49	19.55	19.60	19.50		
10	64QAM	25	0	18.46	18.58	18.57		
10	64QAM	25	12	18.49	18.71	18.60	19.3	3
10	64QAM	25	25	18.51	18.61	18.59		
10	64QAM	50	0	18.55	18.57	18.59		
10	256QAM	1	0	16.33	16.35	16.37		
10	256QAM	1	25	16.44	16.48	16.45	17.3	5
10	256QAM	1	49	16.37	16.45	16.35		
10	256QAM	25	0	16.47	16.51	16.52		
10	256QAM	25	12	16.52	16.57	16.61	17.3	5
10	256QAM	25	25	16.48	16.60	16.52		
10	256QAM	50	0	16.47	16.52	16.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.46	21.59	21.48		
5	QPSK	1	12	21.54	21.64	21.61	22.3	0
5	QPSK	1	24	21.45	21.53	21.42		
5	QPSK	12	0	20.41	20.57	20.53		
5	QPSK	12	7	20.56	20.61	20.67	21.3	1
5	QPSK	12	13	20.55	20.57	20.61		
5	QPSK	25	0	20.59	20.60	20.56		
5	16QAM	1	0	20.67	20.72	20.66		
5	16QAM	1	12	20.76	20.74	20.76	21.3	1
5	16QAM	1	24	20.59	20.67	20.66		
5	16QAM	12	0	19.52	19.56	19.58		
5	16QAM	12	7	19.59	19.55	19.55	20.3	2
5	16QAM	12	13	19.52	19.67	19.56		
5	16QAM	25	0	19.54	19.61	19.55		
5	64QAM	1	0	19.57	19.65	19.66		
5	64QAM	1	12	19.55	19.60	19.60	20.3	2
5	64QAM	1	24	19.59	19.61	19.54		
5	64QAM	12	0	18.42	18.53	18.59		
5	64QAM	12	7	18.52	18.61	18.61	19.3	3
5	64QAM	12	13	18.61	18.63	18.59		
5	64QAM	25	0	18.51	18.60	18.55		
5	256QAM	1	0	16.38	16.38	16.41		
5	256QAM	1	12	16.45	16.51	16.49	17.3	5
5	256QAM	1	24	16.38	16.45	16.41		
5	256QAM	12	0	16.41	16.51	16.52		
5	256QAM	12	7	16.56	16.61	16.62	17.3	5
5	256QAM	12	13	16.49	16.51	16.45		
5	256QAM	25	0	16.46	16.46	16.50		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.44	21.60	21.52		
3	QPSK	1	8	21.49	21.68	21.62	22.3	0
3	QPSK	1	14	21.38	21.54	21.49		
3	QPSK	8	0	20.47	20.59	20.53		
3	QPSK	8	4	20.56	20.70	20.56	21.3	1
3	QPSK	8	7	20.58	20.56	20.60		
3	QPSK	15	0	20.61	20.59	20.51		
3	16QAM	1	0	20.64	20.63	20.65		
3	16QAM	1	8	20.75	20.78	20.75	21.3	1
3	16QAM	1	14	20.66	20.68	20.62		
3	16QAM	8	0	19.55	19.55	19.55		
3	16QAM	8	4	19.59	19.62	19.49	20.3	2
3	16QAM	8	7	19.56	19.63	19.50		
3	16QAM	15	0	19.53	19.57	19.55		
3	64QAM	1	0	19.63	19.61	19.65		
3	64QAM	1	8	19.53	19.64	19.66	20.3	2
3	64QAM	1	14	19.56	19.62	19.53		
3	64QAM	8	0	18.47	18.58	18.55		
3	64QAM	8	4	18.57	18.61	18.61	19.3	3
3	64QAM	8	7	18.51	18.58	18.55		
3	64QAM	15	0	18.52	18.60	18.51		
3	256QAM	1	0	16.38	16.40	16.42		
3	256QAM	1	8	16.47	16.51	16.49	17.3	5
3	256QAM	1	14	16.39	16.47	16.39		
3	256QAM	8	0	16.47	16.54	16.58		
3	256QAM	8	4	16.48	16.57	16.57	17.3	5
3	256QAM	8	7	16.45	16.58	16.54		
3	256QAM	15	0	16.41	16.52	16.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.47	21.56	21.53		
1.4	QPSK	1	3	21.56	21.62	21.62		
1.4	QPSK	1	5	21.35	21.48	21.48	22.3	0
1.4	QPSK	3	0	21.44	21.55	21.45		
1.4	QPSK	3	1	21.53	21.59	21.51		
1.4	QPSK	3	3	21.33	21.52	21.37		
1.4	QPSK	6	0	20.57	20.63	20.51	21.3	1
1.4	16QAM	1	0	20.68	20.70	20.61		
1.4	16QAM	1	3	20.78	20.76	20.71		
1.4	16QAM	1	5	20.68	20.70	20.63	21.3	1
1.4	16QAM	3	0	20.61	20.67	20.53		
1.4	16QAM	3	1	20.78	20.72	20.64		
1.4	16QAM	3	3	20.62	20.61	20.52		
1.4	16QAM	6	0	19.56	19.64	19.58	20.3	2
1.4	64QAM	1	0	19.67	19.67	19.62		
1.4	64QAM	1	3	19.53	19.58	19.55		
1.4	64QAM	1	5	19.57	19.66	19.55	20.3	2
1.4	64QAM	3	0	19.47	19.56	19.50		
1.4	64QAM	3	1	19.49	19.47	19.51		
1.4	64QAM	3	3	19.49	19.62	19.44		
1.4	64QAM	6	0	18.53	18.59	18.56	19.3	3
1.4	256QAM	1	0	16.33	16.47	16.38		
1.4	256QAM	1	3	16.38	16.48	16.50		
1.4	256QAM	1	5	16.35	16.38	16.34	17.3	5
1.4	256QAM	3	0	16.47	16.50	16.59		
1.4	256QAM	3	1	16.55	16.57	16.51		
1.4	256QAM	3	3	16.50	16.55	16.53		
1.4	256QAM	6	0	16.44	16.56	16.55	17.3	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	20.57	20.63	20.70		
20	QPSK	1	49	20.69	20.78	20.72	22.3	0
20	QPSK	1	99	20.46	20.66	20.63		
20	QPSK	50	0	20.48	20.63	20.58		
20	QPSK	50	24	20.57	20.74	20.65	22.3	0
20	QPSK	50	50	20.49	20.73	20.57		
20	QPSK	100	0	20.56	20.71	20.65		
20	16QAM	1	0	20.49	20.77	20.62		
20	16QAM	1	49	20.70	20.83	20.81	22.3	0
20	16QAM	1	99	20.56	20.65	20.66		
20	16QAM	50	0	20.19	20.39	20.28		
20	16QAM	50	24	20.15	20.36	20.23	21.8	0.5
20	16QAM	50	50	20.12	20.35	20.20		
20	16QAM	100	0	20.13	20.37	20.23		
20	64QAM	1	0	20.16	20.38	20.25		
20	64QAM	1	49	20.30	20.54	20.44	21.8	0.5
20	64QAM	1	99	20.19	20.44	20.31		
20	64QAM	50	0	19.25	19.35	19.33		
20	64QAM	50	24	19.22	19.32	19.31	20.8	1.5
20	64QAM	50	50	19.23	19.31	19.29		
20	64QAM	100	0	19.22	19.30	19.27		
20	256QAM	1	0	17.03	17.11	17.09		
20	256QAM	1	49	17.19	17.28	17.24	18.8	3.5
20	256QAM	1	99	17.06	17.17	17.12		
20	256QAM	50	0	17.26	17.33	17.32		
20	256QAM	50	24	17.21	17.31	17.30	18.8	3.5
20	256QAM	50	50	17.25	17.32	17.29		
20	256QAM	100	0	17.25	17.34	17.29		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.42	20.48	20.64		
15	QPSK	1	37	20.54	20.73	20.59	22.3	0
15	QPSK	1	74	20.39	20.51	20.55		
15	QPSK	36	0	20.47	20.60	20.55		
15	QPSK	36	20	20.49	20.59	20.56	22.3	0
15	QPSK	36	39	20.41	20.67	20.45		
15	QPSK	75	0	20.49	20.65	20.55		
15	16QAM	1	0	20.36	20.67	20.58		
15	16QAM	1	37	20.38	20.59	20.53	22.3	0
15	16QAM	1	74	20.45	20.51	20.55		
15	16QAM	36	0	20.07	20.36	20.24		
15	16QAM	36	20	20.09	20.29	20.17	21.8	0.5
15	16QAM	36	39	20.00	20.30	20.16		
15	16QAM	75	0	20.12	20.33	20.19		
15	64QAM	1	0	20.05	20.33	20.18		
15	64QAM	1	37	20.28	20.42	20.42	21.8	0.5
15	64QAM	1	74	20.08	20.36	20.28		
15	64QAM	36	0	19.21	19.25	19.27		
15	64QAM	36	20	19.18	19.22	19.26	20.8	1.5
15	64QAM	36	39	19.15	19.25	19.26		
15	64QAM	75	0	19.13	19.23	19.25		
15	256QAM	1	0	17.04	17.02	16.99		
15	256QAM	1	37	17.12	17.24	17.22	18.8	3.5
15	256QAM	1	74	17.02	17.07	17.05		
15	256QAM	36	0	17.21	17.27	17.25		
15	256QAM	36	20	17.15	17.31	17.21	18.8	3.5
15	256QAM	36	39	17.22	17.28	17.21		
15	256QAM	75	0	17.20	17.27	17.25		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.54	20.55	20.58		
10	QPSK	1	25	20.55	20.71	20.68	22.3	0
10	QPSK	1	49	20.42	20.57	20.57		
10	QPSK	25	0	20.33	20.60	20.57		
10	QPSK	25	12	20.45	20.64	20.58	22.3	0
10	QPSK	25	25	20.38	20.67	20.54		
10	QPSK	50	0	20.44	20.66	20.53		
10	16QAM	1	0	20.38	20.69	20.58		
10	16QAM	1	25	20.49	20.70	20.50	22.3	0
10	16QAM	1	49	20.47	20.57	20.54		
10	16QAM	25	0	20.09	20.39	20.24		
10	16QAM	25	12	20.08	20.31	20.14	21.8	0.5
10	16QAM	25	25	20.05	20.25	20.10		
10	16QAM	50	0	20.05	20.32	20.17		
10	64QAM	1	0	20.13	20.30	20.19		
10	64QAM	1	25	20.26	20.52	20.45	21.8	0.5
10	64QAM	1	49	20.16	20.41	20.27		
10	64QAM	25	0	19.18	19.30	19.25		
10	64QAM	25	12	19.19	19.26	19.26	20.8	1.5
10	64QAM	25	25	19.15	19.19	19.21		
10	64QAM	50	0	19.17	19.21	19.24		
10	256QAM	1	0	16.97	17.10	17.03		
10	256QAM	1	25	17.15	17.27	17.17	18.8	3.5
10	256QAM	1	49	17.05	17.14	17.04		
10	256QAM	25	0	17.23	17.31	17.29		
10	256QAM	25	12	17.17	17.25	17.28	18.8	3.5
10	256QAM	25	25	17.18	17.26	17.25		
10	256QAM	50	0	17.21	17.24	17.24		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.53	20.59	20.69		
5	QPSK	1	12	20.57	20.69	20.71	22.3	0
5	QPSK	1	24	20.33	20.55	20.52		
5	QPSK	12	0	20.45	20.50	20.45		
5	QPSK	12	7	20.56	20.59	20.57	22.3	0
5	QPSK	12	13	20.34	20.62	20.46		
5	QPSK	25	0	20.42	20.70	20.59		
5	16QAM	1	0	20.41	20.62	20.52		
5	16QAM	1	12	20.39	20.66	20.57	22.3	0
5	16QAM	1	24	20.45	20.57	20.60		
5	16QAM	12	0	20.13	20.35	20.27		
5	16QAM	12	7	20.07	20.32	20.19	21.8	0.5
5	16QAM	12	13	20.07	20.31	20.11		
5	16QAM	25	0	20.04	20.35	20.19		
5	64QAM	1	0	20.09	20.33	20.16		
5	64QAM	1	12	20.28	20.48	20.36	21.8	0.5
5	64QAM	1	24	20.15	20.39	20.27		
5	64QAM	12	0	19.20	19.23	19.27		
5	64QAM	12	7	19.17	19.24	19.25	20.8	1.5
5	64QAM	12	13	19.23	19.31	19.26		
5	64QAM	25	0	19.15	19.28	19.21		
5	256QAM	1	0	16.97	17.10	17.04		
5	256QAM	1	12	17.07	17.19	17.22	18.8	3.5
5	256QAM	1	24	16.96	17.17	17.02		
5	256QAM	12	0	17.27	17.25	17.20		
5	256QAM	12	7	17.15	17.23	17.26	18.8	3.5
5	256QAM	12	13	17.20	17.31	17.20		
5	256QAM	25	0	17.19	17.33	17.22		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.53	20.60	20.68		
3	QPSK	1	8	20.46	20.74	20.64	22.3	0
3	QPSK	1	14	20.38	20.60	20.58		
3	QPSK	8	0	20.47	20.55	20.56		
3	QPSK	8	4	20.50	20.63	20.50	22.3	0
3	QPSK	8	7	20.41	20.66	20.52		
3	QPSK	15	0	20.44	20.60	20.60		
3	16QAM	1	0	20.44	20.65	20.48		
3	16QAM	1	8	20.47	20.65	20.47	22.3	0
3	16QAM	1	14	20.44	20.54	20.55		
3	16QAM	8	0	20.09	20.28	20.19		
3	16QAM	8	4	20.12	20.28	20.17	21.8	0.5
3	16QAM	8	7	20.04	20.30	20.17		
3	16QAM	15	0	20.12	20.31	20.20		
3	64QAM	1	0	20.07	20.31	20.24		
3	64QAM	1	8	20.18	20.44	20.40	21.8	0.5
3	64QAM	1	14	20.14	20.45	20.31		
3	64QAM	8	0	19.25	19.27	19.27		
3	64QAM	8	4	19.15	19.24	19.22	20.8	1.5
3	64QAM	8	7	19.17	19.27	19.29		
3	64QAM	15	0	19.15	19.27	19.24		
3	256QAM	1	0	16.93	17.08	17.04		
3	256QAM	1	8	17.19	17.18	17.19	18.8	3.5
3	256QAM	1	14	16.97	17.11	17.07		
3	256QAM	8	0	17.19	17.26	17.29		
3	256QAM	8	4	17.16	17.26	17.22	18.8	3.5
3	256QAM	8	7	17.26	17.31	17.24		
3	256QAM	15	0	17.21	17.33	17.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.53	20.58	20.56		
1.4	QPSK	1	3	20.48	20.76	20.61		
1.4	QPSK	1	5	20.32	20.52	20.52	22.3	0
1.4	QPSK	3	0	20.48	20.55	20.55		
1.4	QPSK	3	1	20.57	20.77	20.62		
1.4	QPSK	3	3	20.43	20.61	20.54		
1.4	QPSK	6	0	20.42	20.51	20.43	22.3	0
1.4	16QAM	1	0	20.48	20.64	20.59		
1.4	16QAM	1	3	20.35	20.61	20.42		
1.4	16QAM	1	5	20.43	20.56	20.51	22.3	0
1.4	16QAM	3	0	20.42	20.67	20.60		
1.4	16QAM	3	1	20.37	20.64	20.49		
1.4	16QAM	3	3	20.42	20.58	20.65		
1.4	16QAM	6	0	20.06	20.37	20.15	21.8	0.5
1.4	64QAM	1	0	20.33	20.33	20.21		
1.4	64QAM	1	3	20.27	20.47	20.41		
1.4	64QAM	1	5	20.09	20.35	20.25	21.8	0.5
1.4	64QAM	3	0	20.07	20.32	20.16		
1.4	64QAM	3	1	20.25	20.44	20.31		
1.4	64QAM	3	3	20.05	20.31	20.25		
1.4	64QAM	6	0	19.17	19.18	19.23	20.8	1.5
1.4	256QAM	1	0	16.97	17.03	17.01		
1.4	256QAM	1	3	17.11	17.20	17.16		
1.4	256QAM	1	5	17.02	17.12	17.02	18.8	3.5
1.4	256QAM	3	0	16.88	16.95	16.97		
1.4	256QAM	3	1	17.07	17.11	17.11		
1.4	256QAM	3	3	16.98	17.08	16.99		
1.4	256QAM	6	0	17.24	17.31	17.27	18.8	3.5

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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	21.31	21.40	21.41		
20	QPSK	1	49	21.43	21.50	21.48	22.9	0
20	QPSK	1	99	21.37	21.43	21.44		
20	QPSK	50	0	20.42	20.48	20.47		
20	QPSK	50	24	20.47	20.53	20.49	21.9	1
20	QPSK	50	50	20.46	20.51	20.48		
20	QPSK	100	0	20.42	20.48	20.45		
20	16QAM	1	0	20.45	20.52	20.50		
20	16QA

Band 38 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.28	21.32	21.24	22.3	0
20	QPSK	1	49	21.35	21.38	21.31		
20	QPSK	1	99	21.23	21.24	21.15		
20	QPSK	50	0	20.30	20.33	20.26	21.3	1
20	QPSK	50	24	20.31	20.36	20.27		
20	QPSK	50	50	20.22	20.28	20.17		
20	QPSK	100	0	20.26	20.31	20.18		
20	16QAM	1	0	20.23	20.30	20.19	21.3	1
20	16QAM	1	49	20.34	20.42	20.32		
20	16QAM	1	99	20.23	20.29	20.22		
20	16QAM	50	0	19.23	19.28	19.19	20.3	2
20	16QAM	50	24	19.24	19.30	19.24		
20	16QAM	50	50	19.19	19.25	19.20		
20	16QAM	100	0	19.22	19.28	19.26		
20	64QAM	1	0	19.21	19.26	19.26	20.3	2
20	64QAM	1	49	19.27	19.35	19.38		
20	64QAM	1	99	19.08	19.18	19.19		
20	64QAM	50	0	18.16	18.24	18.23	19.3	3
20	64QAM	50	24	18.21	18.28	18.27		
20	64QAM	50	50	18.14	18.23	18.21		
20	64QAM	100	0	18.16	18.23	18.22		
20	256QAM	1	0	16.15	16.23	16.19	17.3	5
20	256QAM	1	49	16.28	16.35	16.32		
20	256QAM	1	99	16.15	16.23	16.21		
20	256QAM	50	0	16.25	16.35	16.34	17.3	5
20	256QAM	50	24	16.34	16.45	16.42		
20	256QAM	50	50	16.33	16.41	16.36		
20	256QAM	100	0	16.30	16.37	16.36		
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.28	21.31	21.19	22.3	0
15	QPSK	1	37	21.34	21.31	21.21		
15	QPSK	1	74	21.15	21.15	21.10		
15	QPSK	36	0	20.24	20.29	20.17	21.3	1
15	QPSK	36	20	20.29	20.26	20.22		
15	QPSK	36	39	20.16	20.24	20.17		
15	QPSK	75	0	20.20	20.26	20.13		
15	16QAM	1	0	20.21	20.21	20.17	21.3	1
15	16QAM	1	37	20.31	20.34	20.27		
15	16QAM	1	74	20.12	20.21	20.19		
15	16QAM	36	0	19.21	19.27	19.20	20.3	2
15	16QAM	36	20	19.17	19.27	19.17		
15	16QAM	36	39	19.15	19.16	19.16		
15	16QAM	75	0	19.18	19.17	19.17		
15	64QAM	1	0	19.09	19.18	19.21	20.3	2
15	64QAM	1	37	19.19	19.28	19.27		
15	64QAM	1	74	19.01	19.15	19.11		
15	64QAM	36	0	18.13	18.12	18.22	19.3	3
15	64QAM	36	20	18.12	18.21	18.20		
15	64QAM	36	39	18.07	18.22	18.15		
15	64QAM	75	0	18.14	18.18	18.20		
15	256QAM	1	0	16.13	16.17	16.19	17.3	5
15	256QAM	1	37	16.26	16.36	16.32		
15	256QAM	1	74	16.06	16.20	16.16		
15	256QAM	36	0	16.26	16.32	16.34	17.3	5
15	256QAM	36	20	16.29	16.41	16.37		
15	256QAM	36	39	16.29	16.39	16.35		
15	256QAM	75	0	16.25	16.32	16.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.20	21.27	21.12	22.3	0
10	QPSK	1	25	21.31	21.32	21.27		
10	QPSK	1	49	21.13	21.18	21.05		
10	QPSK	25	0	20.24	20.30	20.22	21.3	1
10	QPSK	25	12	20.31	20.34	20.28		
10	QPSK	25	25	20.15	20.26	20.09		
10	QPSK	50	0	20.23	20.31	20.13		
10	16QAM	1	0	20.19	20.24	20.10	21.3	1
10	16QAM	1	25	20.26	20.39	20.27		
10	16QAM	1	49	20.21	20.25	20.14		
10	16QAM	25	0	19.16	19.26	19.10	20.3	2
10	16QAM	25	12	19.16	19.25	19.22		
10	16QAM	25	25	19.10	19.22	19.21		
10	16QAM	50	0	19.13	19.23	19.16		
10	64QAM	1	0	19.18	19.18	19.21	20.3	2
10	64QAM	1	25	19.24	19.30	19.29		
10	64QAM	1	49	19.06	19.16	19.14		
10	64QAM	25	0	18.14	18.18	18.23	19.3	3
10	64QAM	25	12	18.14	18.21	18.16		
10	64QAM	25	25	18.04	18.17	18.18		
10	64QAM	50	0	18.08	18.20	18.20		
10	256QAM	1	0	16.07	16.22	16.14	17.3	5
10	256QAM	1	25	16.18	16.34	16.25		
10	256QAM	1	49	16.08	16.16	16.16		
10	256QAM	25	0	16.14	16.27	16.23	17.3	5
10	256QAM	25	12	16.23	16.44	16.30		
10	256QAM	25	25	16.28	16.35	16.29		
10	256QAM	50	0	16.22	16.29	16.34		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.25	21.24	21.14	22.3	0
5	QPSK	1	12	21.25	21.36	21.29		
5	QPSK	1	24	21.16	21.13	21.12		
5	QPSK	12	0	20.27	20.32	20.19	21.3	1
5	QPSK	12	7	20.24	20.32	20.17		
5	QPSK	12	13	20.22	20.19	20.16		
5	QPSK	25	0	20.17	20.27	20.11		
5	16QAM	1	0	20.15	20.25	20.15	21.3	1
5	16QAM	1	12	20.26	20.36	20.27		
5	16QAM	1	24	20.16	20.27	20.19		
5	16QAM	12	0	19.20	19.25	19.19	20.3	2
5	16QAM	12	7	19.17	19.18	19.19		
5	16QAM	12	13	19.07	19.22	19.18		
5	16QAM	25	0	19.18	19.19	19.17		
5	64QAM	1	0	19.13	19.18	19.14	20.3	2
5	64QAM	1	12	19.23	19.36	19.32		
5	64QAM	1	24	19.03	19.13	19.18		
5	64QAM	12	0	18.13	18.14	18.20	19.3	3
5	64QAM	12	7	18.11	18.22	18.17		
5	64QAM	12	13	18.06	18.18	18.16		
5	64QAM	25	0	18.06	18.16	18.16		
5	256QAM	1	0	16.07	16.18	16.09	17.3	5
5	256QAM	1	12	16.23	16.30	16.30		
5	256QAM	1	24	16.15	16.17	16.18		
5	256QAM	12	0	16.23	16.32	16.27	17.3	5
5	256QAM	12	7	16.32	16.37	16.34		
5	256QAM	12	13	16.32	16.35	16.30		
5	256QAM	25	0	16.32	16.32	16.31		

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BW [MHz]	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	22.90	22.93	22.81	24	0
20	QPSK	1	49	22.95	23.00	22.88		
20	QPSK	1	99	22.82	22.89	22.78		
20	QPSK	50	0	21.79	21.89	21.79	23	1
20	QPSK	50	24	21.80	21.91	21.81		
20	QPSK	50	50	21.75	21.88	21.80		
20	QPSK	100	0	21.77	21.89	21.80		
20	16QAM	1	0	21.76	21.86	21.78	23	1
20	16QAM	1	49	21.91	22.03	21.95		
20	16QAM	1	99	21.84	21.94	21.87		
20	16QAM	50	0	20.75	20.86	20.76	22	2
20	16QAM	50	24	20.77	20.85	20.77		
20	16QAM	50	50	20.77	20.86	20.79		
20	16QAM	100	0	20.71	20.81	20.71		
20	64QAM	1	0	20.69	20.78	20.70	22	2
20	64QAM	1	49	20.88	20.94	20.83		
20	64QAM	1	99	20.68	20.83	20.72		
20	64QAM	50	0	19.75	19.84	19.81	21	3
20	64QAM	50	24	19.74	19.85	19.82		
20	64QAM	50	50	19.73	19.82	19.78		
20	64QAM	100	0	19.72	19.80	19.75		
20	256QAM	1	0	17.73	17.81	17.77	19	5
20	256QAM	1	49	17.90	17.98	17.97		
20	256QAM	1	99	17.82	17.92	17.88		
20	256QAM	50	0	17.88	17.95	17.91	19	5
20	256QAM	50	24	17.90	18.01	17.98		
20	256QAM	50	50	17.93	18.02	17.99		
20	256QAM	100	0	17.90	17.98	17.97		
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.87	22.90	22.76	24	0
15	QPSK	1	37	22.91	22.93	22.87		
15	QPSK	1	74	22.80	22.80	22.70		
15	QPSK	36	0	21.71	21.80	21.77	23	1
15	QPSK	36	20	21.73	21.92	21.72		
15	QPSK	36	39	21.73	21.88	21.73		
15	QPSK	75	0	21.66	21.79	21.71		
15	16QAM	1	0	21.71	21.77	21.73	23	1
15	16QAM	1	37	21.86	22.01	21.87		
15	16QAM	1	74	21.79	21.89	21.85		
15	16QAM	36	0	20.63	20.79	20.68	22	2
15	16QAM	36	20	20.69	20.80	20.71		
15	16QAM	36	39	20.71	20.79	20.67		
15	16QAM	75	0	20.67	20.78	20.64		
15	64QAM	1	0	20.63	20.71	20.66	22	2
15	64QAM	1	37	20.84	20.91	20.75		
15	64QAM	1	74	20.79	20.80	20.65		
15	64QAM	36	0	19.68	19.83	19.77	21	3
15	64QAM	36	20	19.65	19.77	19.83		
15	64QAM	36	39	19.64	19.77	19.74		
15	64QAM	75	0	19.68	19.74	19.64		
15	256QAM	1	0	17.67	17.73	17.75	19	5
15	256QAM	1	37	17.80	17.96	17.86		
15	256QAM	1	74	17.77	17.85	17.79		
15	256QAM	36	0	17.80	17.88	17.91	19	5
15	256QAM	36	20	17.82	17.97	17.90		
15	256QAM	36	39	17.89	17.90	17.94		
15	256QAM	75	0	17.82	17.96	17.96		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.84	22.85	22.75	24	0
10	QPSK	1	25	22.91	22.92	22.84		
10	QPSK	1	49	22.73	22.79	22.70		
10	QPSK	25	0	21.73	21.82	21.78	23	1
10	QPSK	25	12	21.75	21.81	21.79		
10	QPSK	25	25	21.68	21.82	21.77		
10	QPSK	50	0	21.78	21.80	21.78		
10	16QAM	1	0	21.71	21.87	21.71	23	1
10	16QAM	1	25	21.89	22.00	21.87		
10	16QAM	1	49	21.84	21.89	21.76		
10	16QAM	25	0	20.70	20.81	20.77	22	2
10	16QAM	25	12	20.72	20.81	20.71		
10	16QAM	25	25	20.73	20.82	20.70		
10	16QAM	50	0	20.67	20.72	20.60		
10	64QAM	1	0	20.66	20.73	20.63	22	2
10	64QAM	1	25	20.85	20.91	20.78		
10	64QAM	1	49	20.74	20.73	20.66		
10	64QAM	25	0	19.67	19.78	19.77	21	3
10	64QAM	25	12	19.69	19.80	19.78		
10	64QAM	25	25	19.67	19.75	19.74		
10	64QAM	50	0	19.65	19.70	19.74		
10	256QAM	1	0	17.68	17.73	17.71	19	5
10	256QAM	1	25	17.87	17.91	17.91		
10	256QAM	1	49	17.77	17.86	17.80		
10	256QAM	25	0	17.84	17.93	17.79	19	5
10	256QAM	25	12	17.89	17.98	17.90		
10	256QAM	25	25	17.88	17.97	17.90		
10	256QAM	50	0	17.83	17.93	17.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.86	22.87	22.79	24	0
5	QPSK	1	12	22.88	22.89	22.85		
5	QPSK	1	24	22.75	22.87	22.75		
5	QPSK	12	0	21.75	21.84	21.73	23	1
5	QPSK	12	7	21.71	21.86	21.75		
5	QPSK	12	13	21.65	21.85	21.74		
5	QPSK	25	0	21.74	21.86	21.70		
5	16QAM	1	0	21.65	21.77	21.68	23	1
5	16QAM	1	12	21.81	21.94	21.90		
5	16QAM	1	24	21.76	21.89	21.82		
5	16QAM	12	0	20.68	20.80	20.69	22	2
5	16QAM	12	7	20.71	20.83	20.73		
5	16QAM	12	13	20.76	20.82	20.75		
5	16QAM	25	0	20.61	20.75	20.64		
5	64QAM	1	0	20.62	20.75	20.66	22	2
5	64QAM	1	12	20.86	20.86	20.75		
5	64QAM	1	24	20.75	20.77	20.69		
5	64QAM	12	0	19.75	19.80	19.79	21	3
5	64QAM	12	7	19.67	19.74	19.78		
5	64QAM	12	13	19.71	19.72	19.72		
5	64QAM	25	0	19.66	19.79	19.73		
5	256QAM	1	0	17.62	17.77	17.73	19	5
5	256QAM	1	12	17.81	17.92	17.88		
5	256QAM	1	24	17.71	17.88	17.83		
5	256QAM	12	0	17.77	17.92	17.85	19	5
5	256QAM	12	7	17.78	17.94	17.89		
5	256QAM	12	13	17.86	17.95	17.94		
5	256QAM	25	0	17.85	17.95	17.94		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.26	21.31	21.28	22.9	0
20	QPSK	1	49	21.37	21.41	21.38		
20	QPSK	1	99	21.30	21.31	21.30		
20	QPSK	50	0	20.24	20.28	20.26	21.9	1
20	QPSK	50	24	20.28	20.32	20.29		
20	QPSK	50	50	20.28	20.31	20.28		
20	QPSK	100	0	20.24	20.28	20.25		
20	16QAM	1	0	20.19	20.26	20.20	21.9	1
20	16QAM	1	49	20.35	20.43	20.35		
20	16QAM	1	99	20.29	20.34	20.24		
20	16QAM	50	0	19.20	19.26	19.15	20.9	2
20	16QAM	50	24	19.20	19.26	19.14		
20	16QAM	50	50	19.17	19.25	19.13		
20	16QAM	100	0	19.23	19.29	19.18		
20	64QAM	1	0	19.14	19.21	19.07	20.9	2
20	64QAM	1	49	19.26	19.33	19.17		
20	64QAM	1	99	19.13	19.22	19.07		
20	64QAM	50	0	18.15	18.24	18.20	19.9	3
20	64QAM	50	24	18.12	18.22	18.20		
20	64QAM	50	50	18.16	18.25	18.23		
20	64QAM	100	0	18.13	18.21	18.19		
20	256QAM	1	0	16.10	16.17	16.12	17.9	5
20	256QAM	1	49	16.26	16.35	16.31		
20	256QAM	1	99	16.21	16.31	16.29		
20	256QAM	50	0	16.28	16.37	16.34	17.9	5
20	256QAM	50	24	16.32	16.41	16.37		
20	256QAM	50	50	16.27	16.38	16.33		
20	256QAM	100	0	16.28	16.35	16.31		
Channel				37925	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.20	21.23	21.23	22.9	0
15	QPSK	1	37	21.29	21.34	21.27		
15	QPSK	1	74	21.27	21.21	21.24		
15	QPSK	36	0	20.19	20.20	20.19	21.9	1
15	QPSK	36	20	20.18	20.29	20.18		
15	QPSK	36	39	20.20	20.29	20.18		
15	QPSK	75	0	20.19	20.25	20.20		
15	16QAM	1	0	20.16	20.21	20.13	21.9	1
15	16QAM	1	37	20.31	20.42	20.30		
15	16QAM	1	74	20.20	20.28	20.19		
15	16QAM	36	0	19.09	19.20	19.12	20.9	2
15	16QAM	36	20	19.13	19.17	19.15		
15	16QAM	36	39	19.16	19.15	19.07		
15	16QAM	75	0	19.19	19.24	19.16		
15	64QAM	1	0	19.06	19.15	18.99	20.9	2
15	64QAM	1	37	19.19	19.21	19.12		
15	64QAM	1	74	19.08	19.19	18.96		
15	64QAM	36	0	18.08	18.21	18.13	19.9	3
15	64QAM	36	20	18.05	18.18	18.09		
15	64QAM	36	39	18.10	18.19	18.16		
15	64QAM	75	0	18.07	18.18	18.08		
15	256QAM	1	0	16.02	16.12	16.07	17.9	5
15	256QAM	1	37	16.21	16.27	16.26		
15	256QAM	1	74	16.13	16.26	16.26		
15	256QAM	36	0	16.17	16.37	16.27	17.9	5
15	256QAM	36	20	16.30	16.33	16.35		
15	256QAM	36	39	16.21	16.35	16.27		
15	256QAM	75	0	16.24	16.33	16.28		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.24	21.25	21.26	22.9	0
10	QPSK	1	25	21.35	21.35	21.35		
10	QPSK	1	49	21.21	21.28	21.21		
10	QPSK	25	0	20.18	20.26	20.18	21.9	1
10	QPSK	25	12	20.23	20.25	20.27		
10	QPSK	25	25	20.28	20.29	20.28		
10	QPSK	50	0	20.22	20.23	20.22		
10	16QAM	1	0	20.10	20.26	20.19	21.9	1
10	16QAM	1	25	20.29	20.41	20.30		
10	16QAM	1	49	20.24	20.31	20.25		
10	16QAM	25	0	19.14	19.18	19.11	20.9	2
10	16QAM	25	12	19.13	19.21	19.14		
10	16QAM	25	25	19.14	19.19	19.06		
10	16QAM	50	0	19.17	19.21	19.09		
10	64QAM	1	0	19.09	19.12	19.05	20.9	2
10	64QAM	1	25	19.20	19.21	19.13		
10	64QAM	1	49	19.13	19.16	19.03		
10	64QAM	25	0	18.09	18.21	18.16	19.9	3
10	64QAM	25	12	18.03	18.16	18.17		
10	64QAM	25	25	18.13	18.21	18.16		
10	64QAM	50	0	18.08	18.20	18.12		
10	256QAM	1	0	16.07	16.17	16.01	17.9	5
10	256QAM	1	25	16.16	16.24	16.27		
10	256QAM	1	49	16.10	16.22	16.20		
10	256QAM	25	0	16.23	16.37	16.23	17.9	5
10	256QAM	25	12	16.30	16.34	16.30		
10	256QAM	25	25	16.21	16.34	16.26		
10	256QAM	50	0	16.18	16.24	16.27		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.21	21.24	21.27	22.9	0
5	QPSK	1	12	21.32	21.36	21.32		
5	QPSK	1	24	21.21	21.31	21.26		
5	QPSK	12	0	20.13	20.24	20.22	21.9	1
5	QPSK	12	7	20.28	20.33	20.23		
5	QPSK	12	13	20.19	20.27	20.23		
5	QPSK	25	0	20.21	20.26	20.22		
5	16QAM	1	0	20.13	20.21	20.12	21.9	1
5	16QAM	1	12	20.27	20.40	20.32		
5	16QAM	1	24	20.24	20.30	20.17		
5	16QAM	12	0	19.14	19.14	19.10	20.9	2
5	16QAM	12	7	19.12	19.21	19.07		
5	16QAM	12	13	19.10	19.13	19.11		
5	16QAM	25	0	19.22	19.20	19.15		
5	64QAM	1	0	19.12	19.15	19.00	20.9	2
5	64QAM	1	12	19.22	19.27	19.15		
5	64QAM	1	24	19.09	19.17	19.00		
5	64QAM	12	0	18.08	18.19	18.12	19.9	3
5	64QAM	12	7	18.05	18.11	18.16		
5	64QAM	12	13	18.13	18.14	18.20		
5	64QAM	25	0	18.10	18.15	18.17		
5	256QAM	1	0	16.08	16.10	16.08	17.9	5
5	256QAM	1	12	16.20	16.35	16.22		
5	256QAM	1	24	16.12	16.23	16.25		
5	256QAM	12	0	16.24	16.30	16.24	17.9	5
5	256QAM	12	7	16.23	16.34	16.30		
5	256QAM	12	13	16.23	16.29	16.25		
5	256QAM	25	0	16.26	16.24	16.24		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.37	21.54	21.49	22.5	0
20	QPSK	1	49	21.45	21.62	21.61		
20	QPSK	1	99	21.38	21.61	21.48		
20	QPSK	50	0	21.19	21.54	21.50	22.5	0
20	QPSK	50	24	21.34	21.57	21.51		
20	QPSK	50	50	21.33	21.52	21.37		
20	QPSK	100	0	21.21	21.51	21.48		
20	16QAM	1	0	21.20	21.44	21.36	22.5	0
20	16QAM	1	49	21.21	21.44	21.47		
20	16QAM	1	99	21.25	21.43	21.44		
20	16QAM	50	0	21.33	21.42	21.37	22.5	0
20	16QAM

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.32	21.06	21.35	21.18	21.18	22.3	0
20	QPSK	1	49	21.35	21.13	21.41	21.22	21.26		
20	QPSK	1	99	21.19	20.96	21.22	21.01	21.08		
20	QPSK	50	0	20.30	20.07	20.35	20.11	20.22	21.3	1
20	QPSK	50	24	20.31	20.10	20.36	20.13	20.26		
20	QPSK	50	50	20.30	20.04	20.33	20.10	20.22		
20	QPSK	100	0	20.24	20.02	20.30	20.07	20.16		
20	16QAM	1	0	20.27	20.09	20.36	20.15	20.23	21.3	1
20	16QAM	1	49	20.33	20.17	20.45	20.27	20.33		
20	16QAM	1	99	20.15	20.00	20.28	20.12	20.16		
20	16QAM	50	0	19.23	19.04	19.33	19.20	19.19	20.3	2
20	16QAM	50	24	19.21	19.01	19.32	19.16	19.20		
20	16QAM	50	50	19.21	19.02	19.30	19.16	19.15		
20	16QAM	100	0	19.20	19.01	19.32	19.20	19.19		
20	64QAM	1	0	19.15	18.97	19.28	19.19	19.13	20.3	2
20	64QAM	1	49	19.21	19.05	19.36	19.27	19.23		
20	64QAM	1	99	19.03	18.90	19.20	19.10	19.10		
20	64QAM	50	0	18.21	18.20	18.28	18.23	18.27	19.3	3
20	64QAM	50	24	18.22	18.19	18.30	18.26	18.28		
20	64QAM	50	50	18.14	18.17	18.25	18.21	18.24		
20	64QAM	100	0	18.22	18.18	18.29	18.24	18.28		
20	256QAM	1	0	16.14	16.18	16.25	16.24	16.24	17.3	5
20	256QAM	1	49	16.31	16.30	16.38	16.36	16.36		
20	256QAM	1	99	16.10	16.10	16.21	16.19	16.19	17.3	5
20	256QAM	50	0	16.33	16.34	16.42	16.41	16.41		
20	256QAM	50	24	16.39	16.42	16.50	16.49	16.45		
20	256QAM	50	50	16.33	16.33	16.42	16.41	16.40		
20	256QAM	100	0	16.37	16.38	16.46	16.44	16.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.26	21.00	21.29	21.12	21.17	22.3	0
15	QPSK	1	37	21.32	21.12	21.37	21.20	21.14		
15	QPSK	1	74	21.13	20.95	21.22	20.97	21.00		
15	QPSK	36	0	20.26	20.05	20.23	20.04	20.18	21.3	1
15	QPSK	36	20	20.29	20.03	20.28	20.05	20.23		
15	QPSK	36	39	20.22	19.96	20.27	20.00	20.20		
15	QPSK	75	0	20.17	20.01	20.29	20.07	20.10		
15	16QAM	1	0	20.22	20.00	20.35	20.09	20.18	21.3	1
15	16QAM	1	37	20.22	20.08	20.37	20.17	20.24		
15	16QAM	1	74	20.07	19.95	20.18	20.00	20.06		
15	16QAM	36	0	19.17	18.99	19.28	19.12	19.08	20.3	2
15	16QAM	36	20	19.16	19.00	19.30	19.13	19.08		
15	16QAM	36	39	19.18	18.96	19.27	19.13	19.12		
15	16QAM	75	0	19.12	19.00	19.27	19.16	19.11		
15	64QAM	1	0	19.10	18.89	19.23	19.10	19.08	20.3	2
15	64QAM	1	37	19.17	19.05	19.28	19.24	19.19		
15	64QAM	1	74	18.99	18.82	19.18	19.00	19.05		
15	64QAM	36	0	18.20	18.18	18.18	18.14	18.16	19.3	3
15	64QAM	36	20	18.19	18.15	18.24	18.24	18.23		
15	64QAM	36	39	18.06	18.16	18.21	18.20	18.16		
15	64QAM	75	0	18.18	18.15	18.26	18.23	18.20		
15	256QAM	1	0	16.05	16.06	16.23	16.16	16.20	17.3	5
15	256QAM	1	37	16.23	16.27	16.37	16.29	16.33		
15	256QAM	1	74	16.06	16.05	16.13	16.16	16.09		
15	256QAM	36	0	16.29	16.22	16.38	16.35	16.39	17.3	5
15	256QAM	36	20	16.33	16.37	16.38	16.46	16.40		
15	256QAM	36	39	16.28	16.27	16.41	16.34	16.36		
15	256QAM	75	0	16.32	16.32	16.38	16.38	16.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.25	21.01	21.29	21.16	21.19	22.3	0
10	QPSK	1	25	21.31	21.08	21.33	21.16	21.21		
10	QPSK	1	49	21.16	20.95	21.17	21.01	21.03		
10	QPSK	25	0	20.18	20.02	20.32	20.06	20.15	21.3	1
10	QPSK	25	12	20.27	20.05	20.24	20.05	20.25		
10	QPSK	25	25	20.25	19.98	20.24	20.04	20.10		
10	QPSK	50	0	20.22	19.98	20.25	20.02	20.13		
10	16QAM	1	0	20.20	20.03	20.37	20.04	20.13	21.3	1
10	16QAM	1	25	20.27	20.14	20.37	20.21	20.26		
10	16QAM	1	49	20.11	19.90	20.27	20.08	20.13		
10	16QAM	25	0	19.13	18.92	19.30	19.16	19.11	20.3	2
10	16QAM	25	12	19.20	18.96	19.27	19.11	19.17		
10	16QAM	25	25	19.15	18.96	19.21	19.11	19.11		
10	16QAM	50	0	19.17	18.97	19.21	19.13	19.16		
10	64QAM	1	0	19.08	18.94	19.21	19.10	19.11	20.3	2
10	64QAM	1	25	19.21	19.04	19.31	19.20	19.12		
10	64QAM	1	49	18.92	18.86	19.20	19.00	19.04		
10	64QAM	25	0	18.16	18.16	18.17	18.15	18.23	19.3	3
10	64QAM	25	12	18.19	18.12	18.25	18.23	18.20		
10	64QAM	25	25	18.10	18.12	18.18	18.15	18.21		
10	64QAM	50	0	18.20	18.11	18.27	18.16	18.16		
10	256QAM	1	0	16.12	16.10	16.20	16.17	16.18	17.3	5
10	256QAM	1	25	16.28	16.20	16.29	16.30	16.28		
10	256QAM	1	49	16.06	15.98	16.15	16.14	16.13		
10	256QAM	25	0	16.29	16.35	16.34	16.34	16.39	17.3	5
10	256QAM	25	12	16.28	16.42	16.46	16.45	16.45		
10	256QAM	25	25	16.25	16.26	16.40	16.29	16.37		
10	256QAM	50	0	16.31	16.36	16.40	16.40	16.38		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.28	21.02	21.33	21.08	21.15	22.3	0
5	QPSK	1	12	21.29	21.08	21.40	21.19	21.26		
5	QPSK	1	24	21.16	20.96	21.16	20.94	21.02		
5	QPSK	12	0	20.31	20.03	20.29	20.10	20.18	21.3	1
5	QPSK	12	7	20.29	20.04	20.25	20.05	20.24		
5	QPSK	12	13	20.21	20.00	20.26	19.99	20.13		
5	QPSK	25	0	20.18	19.94	20.25	20.00	20.11		
5	16QAM	1	0	20.21	20.03	20.31	20.12	20.17	21.3	1
5	16QAM	1	12	20.23	20.13	20.36	20.26	20.31		
5	16QAM	1	24	20.13	19.91	20.27	20.08	20.13		
5	16QAM	12	0	19.21	18.98	19.27	19.18	19.16	20.3	2
5	16QAM	12	7	19.21	18.95	19.28	19.11	19.14		
5	16QAM	12	13	19.17	18.99	19.28	19.11	19.09		
5	16QAM	25	0	19.13	18.93	19.21	19.10	19.12		
5	64QAM	1	0	19.13	18.90	19.26	19.08	19.13	20.3	2
5	64QAM	1	12	19.14	19.04	19.26	19.20	19.17		
5	64QAM	1	24	18.96	18.82	19.14	19.05	19.02		
5	64QAM	12	0	18.17	18.14	18.24	18.19	18.22	19.3	3
5	64QAM	12	7	18.12	18.17	18.22	18.20	18.22		
5	64QAM	12	13	18.04	18.09	18.20	18.18	18.23		
5	64QAM	25	0	18.21	18.17	18.26	18.14	18.22		
5	256QAM	1	0	16.08	16.10	16.19	16.18	16.20	17.3	5
5	256QAM	1	12	16.22	16.24	16.36	16.30	16.35		
5	256QAM	1	24	16.04	16.04	16.19	16.14	16.14		
5	256QAM	12	0	16.26	16.30	16.34	16.41	16.34	17.3	5
5	256QAM	12	7	16.38	16.33	16.41	16.50	16.43		
5	256QAM	12	13	16.30	16.25	16.36	16.32	16.38		
5	256QAM	25	0	16.36	16.37	16.36	16.37	16.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.80	22.58	22.91	22.84	22.89	24	0
20	QPSK	1	49	22.95	22.74	23.04	22.97	23.01		
20	QPSK	1	99	22.79	22.57	22.88	22.79	22.85		
20	QPSK	50	0	21.86	21.66	21.95	21.83	21.95	23	1
20	QPSK	50	24	21.89	21.71	22.01	21.86	22.00		
20	QPSK	50	50	21.83	21.69	21.98	21.86	21.94		
20	QPSK	100	0	21.87	21.71	22.02	21.89	21.97		
20	16QAM	1	0	21.81	21.66	21.98	21.84	21.94	23	1
20	16QAM	1	49	21.92	21.77	22.08	21.95	22.06		
20	16QAM	1	99	21.77	21.61	21.93	21.81	21.90		
20	16QAM	50	0	20.76	20.59	20.93	20.80	20.89	22	2
20	16QAM	50	24	20.74	20.57	20.94	20.84	20.88		
20	16QAM	50	50	20.70	20.54	20.92	20.81	20.84		
20	16QAM	100	0	20.73	20.60	20.96	20.83	20.89		
20	64QAM	1	0	20.70	20.53	20.90	20.80	20.84	22	2
20	64QAM	1	49	20.80	20.64	20.99	20.88	20.92		
20	64QAM	1	99	20.67	20.49	20.83	20.74	20.74		
20	64QAM	50	0	19.83	19.86	19.93	19.89	19.92	21	3
20	64QAM	50	24	19.86	19.87	19.95	19.91	19.90		
20	64QAM	50	50	19.83	19.81	19.90	19.88	19.86		
20	64QAM	100	0	19.80	19.82	19.89	19.85	19.86		
20	256QAM	1	0	17.81	17.80	17.91	17.86	17.90	19	5
20	256QAM	1	49	17.94	17.90	18.01	18.00	17.98		
20	256QAM	1	99	17.80	17.81	17.88	17.85	17.85	19	5
20	256QAM	50	0	17.94	17.93	18.04	18.02	18.03		
20	256QAM	50	24	18.03	18.04	18.11	18.06	18.10		
20	256QAM	50	50	17.98	17.96	18.06	18.03	18.05		
20	256QAM	100	0	17.98	17.99	18.08	18.07	18.03		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.75	22.52	22.86	22.84	22.82	24	0
15	QPSK	1	37	22.96	22.66	23.00	22.89	22.98		
15	QPSK	1	74	22.71	22.51	22.86	22.69	22.79		
15	QPSK	36	0	21.80	21.59	21.88	21.73	21.89	23	1
15	QPSK	36	20	21.88	21.62	21.96	21.82	21.93		
15	QPSK	36	39	21.80	21.70	21.92	21.83	21.89		
15	QPSK	75	0	21.77	21.63	21.99	21.84	21.93		
15	16QAM	1	0	21.76	21.61	21.93	21.81	21.91	23	1
15	16QAM	1	37	21.90	21.72	21.98	21.92	22.06		
15	16QAM	1	74	21.68	21.59	21.89	21.77	21.84		
15	16QAM	36	0	20.75	20.54	20.90	20.76	20.88	22	2
15	16QAM	36	20	20.66	20.52	20.91	20.76	20.79		
15	16QAM	36	39	20.60	20.46	20.83	20.75	20.82		
15	16QAM	75	0	20.67	20.60	20.96	20.80	20.83		
15	64QAM	1	0	20.69	20.48	20.87	20.76	20.76	22	2
15	64QAM	1	37	20.74	20.62	20.87	20.82	20.88		
15	64QAM	1	74	20.59	20.48	20.73	20.71	20.73		
15	64QAM	36	0	19.78	19.82	19.91	19.83	19.84	21	3
15	64QAM	36	20	19.80	19.76	19.93	19.90	19.86		
15	64QAM	36	39	19.81	19.76	19.88	19.78	19.80		
15	64QAM	75	0	19.75	19.75	19.80	19.77	19.81		
15	256QAM	1	0	17.73	17.80	17.88	17.79	17.84	19	5
15	256QAM	1	37	17.89	17.87	17.92	18.00	17.94		
15	256QAM	1	74	17.79	17.75	17.86	17.85	17.74		
15	256QAM	36	0	17.90	17.90	18.00	17.96	18.02	19	5
15	256QAM	36	20	17.99	17.99	18.06	18.06	18.09		
15	256QAM	36	39	17.93	17.92	17.97	18.01	17.99		
15	256QAM	75	0	17.88	17.90	18.07	17.97	17.98		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.74	22.51	22.80	22.75	22.85	24	0
10	QPSK	1	25	22.95	22.65	22.97	22.85	22.96		
10	QPSK	1	49	22.72	22.52	22.83	22.78	22.77		
10	QPSK	25	0	21.83	21.58	21.89	21.72	21.83	23	1
10	QPSK	25	12	21.86	21.65	21.90	21.80	21.91		
10	QPSK	25	25	21.78	21.67	21.90	21.83	21.89		
10	QPSK	50	0	21.84	21.70	21.97	21.83	21.93		
10	16QAM	1	0	21.80	21.64	21.94	21.77	21.86	23	1
10	16QAM	1	25	21.83	21.66	21.98	21.87	22.00		
10	16QAM	1	49	21.78	21.52	21.87	21.78	21.88		
10	16QAM	25	0	20.67	20.53	20.86	20.74	20.79	22	2
10	16QAM	25	12	20.70	20.53	20.89	20.79	20.83		
10	16QAM	25	25	20.60	20.48	20.86	20.77	20.74		
10	16QAM	50	0	20.72	20.57	20.93	20.73	20.87		
10	64QAM	1	0	20.61	20.43	20.87	20.72	20.72	22	2
10	64QAM	1	25	20.75	20.55	20.90	20.79	20.89		
10	64QAM	1	49	20.62	20.43	20.77	20.71	20.69		
10	64QAM	25	0	19.80	19.79	19.90	19.85	19.87	21	3
10	64QAM	25	12	19.83	19.82	19.91	19.89	19.82		
10	64QAM	25	25	19.81	19.76	19.87	19.84	19.85		
10	64QAM	50	0	19.70	19.78	19.81	19.74	19.82		
10	256QAM	1	0	17.77	17.75	17.88	17.79	17.87	19	5
10	256QAM	1	25	17.93	17.87	17.95	17.95	17.93		
10	256QAM	1	49	17.68	17.78	17.81	17.82	17.85		
10	256QAM	25	0	17.89	17.85	17.98	17.95	18.01	19	5
10	256QAM	25	12	18.00	17.97	18.06	17.97	18.07		
10	256QAM	25	25	17.91	17.88	18.06	17.99	18.01		
10	256QAM	50	0	17.91	17.92	18.03	17.99	17.95		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.74	22.50	22.86	22.78	22.82	24	0
5	QPSK	1	12	22.83	22.75	22.96	22.92	22.97		
5	QPSK	1	24	22.76	22.50	22.83	22.71	22.82		
5	QPSK	12	0	21.80	21.56	21.92	21.79	21.91	23	1
5	QPSK	12	7	21.80	21.69	22.00	21.82	21.94		
5	QPSK	12	13	21.76	21.61	21.92	21.77	21.91		
5	QPSK	25	0	21.80	21.63	21.93	21.79	21.95		
5	16QAM	1	0	21.75	21.53	21.98	21.78	21.86	23	1
5	16QAM	1	12	21.87	21.71	22.01	21.85	21.96		
5	16QAM	1	24	21.73	21.56	21.92	21.77	21.82		
5	16QAM	12	0	20.70	20.51	20.89	20.73	20.88	22	2
5	16QAM	12	7	20.68	20.46	20.93	20.84	20.83		
5	16QAM	12	13	20.67	20.49	20.92	20.77	20.75		
5	16QAM	25	0	20.66	20.52	20.86	20.79	20.81		
5	64QAM	1	0	20.64	20.49	20.82	20.81	20.82	22	2
5	64QAM	1	12	20.70	20.61	20.91	20.84	20.83		
5	64QAM	1	24	20.66	20.44	20.81	20.67	20.75		
5	64QAM	12	0	19.76	19.80	19.85	19.86	19.86	21	3
5	64QAM	12	7	19.83	19.77	19.85	19.90	19.82		
5	64QAM	12	13	19.77	19.78	19.78	19.78	19.87		
5	64QAM	25	0	19.75	19.80	19.84	19.76	19.81		
5	256QAM	1	0	17.78	17.78	17.82	17.82	17.84	19	5
5	256QAM	1	12	17.88	17.84	17.96	17.91	17.93		
5	256QAM	1	24	17.74	17.72	17.82	17.79	17.82		
5	256QAM	12	0	17.88	17.83	18.01	17.94	17.96	19	5
5	256QAM	12	7	17.98	18.00	18.07	18.03	18.02		
5	256QAM	12	13	17.95	17.90	18.06	17.93	18.04		
5	256QAM	25	0	17.97	17.97	18.06	17.99	17.96		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.32	21.07	21.36	21.25	21.27	22.9	0
20	QPSK	1	49	21.44	21.19	21.46	21.35	21.38		
20	QPSK	1	99	21.24	21.00	21.29	21.15	21.24		
20	QPSK	50	0	20.34	20.07	20.38	20.26	20.33	21.9	1
20	QPSK	50	24	20.38	20.10	20.44	20.34	20.39		
20	QPSK	50	50	20.30	20.02	20.37	20.28	20.34		
20	QPSK	100	0	20.30	20.04	20.38	20.30	20.34		
20	16QAM	1	0	20.33	20.09	20.40	20.34	20.37	21.9	1
20	16QAM	1	49	20.42	20.17	20.50	20.42	20.45		
20	16QAM	1	99	20.27	20.03	20.35	20.28	20.31		
20	16QAM	50	0	19.26	19.01	19.36	19.30	19.32	20.9	2
20	16QAM	50	24	19.28	19.04	19.39	19.35	19.33		
20	16QAM	50	50	19.22	18.96	19.33	19.29	19.25		
20	16QAM	100	0	19.21	18.98	19.34	19.32	19.26		
20	64QAM	1	0	19.20	18.96	19.32	19.28	19.27	20.9	2
20	64QAM	1	49	19.25	19.07	19.40	19.35	19.33		
20	64QAM	1	99	19.16	18.98	19.28	19.26	19.18		
20	64QAM	50	0	18.22	18.22	18.33	18.30	18.30	19.9	3
20	64QAM	50	24	18.23	18.26	18.33	18.29	18.30		
20	64QAM	50	50	18.25	18.26	18.35	18.30	18.33		
20	64QAM	100	0	18.25	18.23	18.33	18.29	18.28		
20	256QAM	1	0	16.27	16.27	16.34	16.32	16.33	17.9	5
20	256QAM	1	49	16.33	16.34	16.44	16.42	16.39		
20	256QAM	1	99	16.15	16.15	16.26	16.22	16.22		
20	256QAM	50	0	16.39	16.39	16.49	16.47	16.47	17.9	5
20	256QAM	50	24	16.43	16.43	16.52	16.51	16.47		
20	256QAM	50	50	16.41	16.44	16.51	16.50	16.47		
20	256QAM	100	0	16.42	16.39	16.50	16.45	16.48		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.32	21.05	21.26	21.21	21.21	22.9	0
15	QPSK	1	37	21.36	21.13	21.40	21.29	21.36		
15	QPSK	1	74	21.17	20.93	21.24	21.12	21.15		
15	QPSK	36	0	20.27	20.05	20.34	20.26	20.34	21.9	1
15	QPSK	36	20	20.31	20.07	20.41	20.32	20.31		
15	QPSK	36	39	20.22	19.98	20.36	20.24	20.26		
15	QPSK	75	0	20.22	20.01	20.29	20.22	20.26		
15	16QAM	1	0	20.24	20.00	20.35	20.31	20.35	21.9	1
15	16QAM	1	37	20.38	20.10	20.46	20.34	20.38		
15	16QAM	1	74	20.22	20.03	20.26	20.24	20.26		
15	16QAM	36	0	19.22	18.94	19.36	19.24	19.25	20.9	2
15	16QAM	36	20	19.18	19.03	19.37	19.27	19.28		
15	16QAM	36	39	19.20	19.08	19.25	19.17	19.19		
15	16QAM	75	0	19.09	18.93	19.29	19.28	19.16		
15	64QAM	1	0	19.13	18.91	19.30	19.24	19.21	20.9	2
15	64QAM	1	37	19.19	19.03	19.37	19.31	19.25		
15	64QAM	1	74	19.09	18.90	19.25	19.18	19.10		
15	64QAM	36	0	18.19	18.19	18.25	18.29	18.23	19.9	3
15	64QAM	36	20	18.21	18.25	18.31	18.26	18.27		
15	64QAM	36	39	18.20	18.22	18.35	18.26	18.29		
15	64QAM	75	0	18.22	18.21	18.27	18.26	18.22		
15	256QAM	1	0	16.22	16.19	16.30	16.26	16.25	17.9	5
15	256QAM	1	37	16.27	16.26	16.41	16.41	16.27		
15	256QAM	1	74	16.07	16.08	16.17	16.18	16.13		
15	256QAM	36	0	16.30	16.34	16.42	16.46	16.42	17.9	5
15	256QAM	36	20	16.40	16.40	16.48	16.43	16.42		
15	256QAM	36	39	16.41	16.35	16.48	16.44	16.45		
15	256QAM	75	0	16.37	16.29	16.49	16.43	16.46		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.28	21.04	21.26	21.18	21.22	22.9	0
10	QPSK	1	25	21.37	21.15	21.42	21.25	21.34		
10	QPSK	1	49	21.25	20.94	21.24	21.12	21.14		
10	QPSK	25	0	20.23	19.97	20.38	20.17	20.29	21.9	1
10	QPSK	25	12	20.31	20.02	20.43	20.27	20.33		
10	QPSK	25	25	20.28	20.03	20.35	20.25	20.25		
10	QPSK	50	0	20.22	19.94	20.34	20.25	20.33		
10	16QAM	1	0	20.25	20.05	20.35	20.33	20.37	21.9	1
10	16QAM	1	25	20.34	20.08	20.46	20.36	20.41		
10	16QAM	1	49	20.26	20.01	20.29	20.18	20.24		
10	16QAM	25	0	19.23	18.97	19.30	19.25	19.25	20.9	2
10	16QAM	25	12	19.24	18.98	19.32	19.31	19.30		
10	16QAM	25	25	19.17	19.09	19.28	19.25	19.24		
10	16QAM	50	0	19.15	18.91	19.32	19.31	19.24		
10	64QAM	1	0	19.13	18.93	19.29	19.21	19.17	20.9	2
10	64QAM	1	25	19.23	19.05	19.32	19.33	19.33		
10	64QAM	1	49	19.08	18.91	19.26	19.26	19.09		
10	64QAM	25	0	18.16	18.17	18.30	18.26	18.23	19.9	3
10	64QAM	25	12	18.16	18.25	18.27	18.18	18.30		
10	64QAM	25	25	18.15	18.21	18.30	18.21	18.30		
10	64QAM	50	0	18.20	18.16	18.27	18.22	18.24		
10	256QAM	1	0	16.17	16.20	16.24	16.27	16.29	17.9	5
10	256QAM	1	25	16.26	16.30	16.39	16.35	16.34		
10	256QAM	1	49	16.12	16.04	16.20	16.16	16.19		
10	256QAM	25	0	16.36	16.39	16.43	16.42	16.45	17.9	5
10	256QAM	25	12	16.34	16.40	16.49	16.52	16.41		
10	256QAM	25	25	16.33	16.41	16.42	16.41	16.36		
10	256QAM	50	0	16.36	16.31	16.50	16.44	16.36		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.25	21.08	21.26	21.23	21.18	22.9	0
5	QPSK	1	12	21.41	21.15	21.40	21.27	21.33		
5	QPSK	1	24	21.20	20.96	21.18	21.08	21.19		
5	QPSK	12	0	20.27	20.04	20.32	20.21	20.28	21.9	1
5	QPSK	12	7	20.34	20.06	20.40	20.25	20.32		
5	QPSK	12	13	20.23	19.92	20.32	20.29	20.28		
5	QPSK	25	0	20.28	19.95	20.31	20.29	20.30		
5	16QAM	1	0	20.26	20.09	20.35	20.30	20.32	21.9	1
5	16QAM	1	12	20.39	20.06	20.43	20.35	20.37		
5	16QAM	1	24	20.18	19.97	20.32	20.17	20.24		
5	16QAM	12	0	19.19	18.92	19.35	19.19	19.26	20.9	2
5	16QAM	12	7	19.23	18.98	19.34	19.32	19.26		
5	16QAM	12	13	19.23	18.93	19.31	19.23	19.22		
5	16QAM	25	0	19.17	19.09	19.25	19.27	19.21		
5	64QAM	1	0	19.20	19.09	19.30	19.26	19.23	20.9	2
5	64QAM	1	12	19.23	19.03	19.29	19.29	19.24		
5	64QAM	1	24	19.15	19.08	19.25	19.17	19.14		
5	64QAM	12	0	18.19	18.15	18.26	18.24	18.27	19.9	3
5	64QAM	12	7	18.19	18.25	18.25	18.28	18.22		
5	64QAM	12	13	18.22	18.21	18.32	18.23	18.27		
5	64QAM	25	0	18.19	18.15	18.26	18.23	18.26		
5	256QAM	1	0	16.22	16.18	16.28	16.29	16.24	17.9	5
5	256QAM	1	12	16.30	16.25	16.39	16.39	16.30		
5	256QAM	1	24	16.07	16.07	16.19	16.14	16.15		
5	256QAM	12	0	16.28	16.33	16.42	16.45	16.43	17.9	5
5	256QAM	12	7	16.32	16.34	16.49	16.46	16.45		
5	256QAM	12	13	16.39	16.39	16.44	16.40	16.37		
5	256QAM	25	0	16.37	16.30	16.45	16.38	16.38		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.42	21.31	21.55	21.49	21.48	22.5	0
20	QPSK	1	49	21.57	21.45	21.67	21.60	21.62		
20	QPSK	1	99	21.43	21.35	21.60	21.49	21.54		
20	QPSK	50	0	21.52	21.39	21.52	21.46	21.55	22.5	0
20	QPSK	50	24	21.55	21.40	21.65	21.53	21.57		
20	QPSK	50	50	21.48	21.36	21.57	21.46	21.50		
20	QPSK	100	0	21.43	21.42	21.63	21.58	21.51		
20	16QAM	1	0	21.52	21.41	21.65	21.57	21.49	22.5	0
20	16QAM	1	49	21.47	21.37	21.66	21.48	21.54		
20	16QAM	1	99	21.50	21.34	21.58	21.53	21.47		
20	16QAM	50	0	21.54	21.39	21.64	21.48	21.57	22.5	0
20	16QAM	50	24	21.47	21.44	21.57	21.52	21.52		
20	16QAM	50	50	21.44	21.42	21.56	21.49	21.48		
20	16QAM	100	0	21.43	21.42	21.56	21.46	21.50		
20	64QAM	1	0	21.56	21.39	21.55	21.59	21.52	22.5	0
20	64QAM	1	49	21.54	21.35	21.55	21.52	21.49		
20	64QAM	1	99	21.48	21.37	21.55	21.53	21.51		
20	64QAM	50	0	21.04	21.03	21.11	21.08	21.06	22	0.5
20	64QAM	50	24	21.05	21.04	21.13	21.09	21.12		
20	64QAM	50	50	20.99	21.03	21.10	21.07	21.07		
20	64QAM	100	0	21.04	21.01	21.11	21.09	21.06		
20	256QAM	1	0	18.99	18.99	19.08	19.05	19.04	20	2.5
20	256QAM	1	49	19.13	19.14	19.21	19.20	19.17		
20	256QAM	1	99	18.95	18.96	19.05	19.03	19.01		
20	256QAM	50	0	19.18	19.19	19.26	19.24	19.24	20	2.5
20	256QAM	50	24	19.20	19.18	19.28	19.27	19.25		
20	256QAM	50	50	19.14	19.16	19.24	19.19	19.23		
20	256QAM	100	0	19.16	19.18	19.25	19.23	19.22		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.32	21.17	21.50	21.44	21.37	22.5	0
15	QPSK	1	37	21.46	21.38	21.65	21.48	21.52		
15	QPSK	1	74	21.35	21.26	21.50	21.47	21.50		
15	QPSK	36	0	21.45	21.32	21.37	21.43	21.44	22.5	0
15	QPSK	36	20	21.53	21.29	21.47	21.47	21.51		
15	QPSK	36	39	21.46	21.27	21.45	21.42	21.46		
15	QPSK	75	0	21.35	21.31	21.56	21.43	21.45		
15	16QAM	1	0	21.42	21.33	21.57	21.55	21.47	22.5	0
15	16QAM	1	37	21.35	21.27	21.60	21.33	21.42		
15	16QAM	1	74	21.45	21.26	21.56	21.45	21.38		
15	16QAM	36	0	21.41	21.28	21.61	21.41	21.46	22.5	0
15	16QAM	36	20	21.37	21.42	21.50	21.48	21.48		
15	16QAM	36	39	21.29	21.36	21.55	21.47	21.34		
15	16QAM	75	0	21.31	21.33	21.52	21.44	21.41		
15	64QAM	1	0	21.54	21.30	21.43	21.54	21.49	22.5	0
15	64QAM	1	37	21.48	21.23	21.51	21.45	21.41		
15	64QAM	1	74	21.37	21.26	21.51	21.46	21.40		
15	64QAM	36	0	21.01	21.00	21.04	21.03	21.02	22	0.5
15	64QAM	36	20	20.99	21.01	21.10	21.02	21.09		
15	64QAM	36	39	20.95	21.01	21.06	21.04	21.01		
15	64QAM	75	0	21.00	20.92	21.04	21.02	20.96		
15	256QAM	1	0	18.95	18.90	19.00	19.02	18.93	20	2.5
15	256QAM	1	37	19.12	19.10	19.17	19.14	19.17		
15	256QAM	1	74	18.94	18.91	19.04	18.98	18.98		
15	256QAM	36	0	19.16	19.14	19.24	19.14	19.22	20	2.5
15	256QAM	36	20	19.14	19.06	19.22	19.22	19.18		
15	256QAM	36	39	19.07	19.08	19.21	19.17	19.16		
15	256QAM	75	0	19.15	19.10	19.21	19.14	19.16		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.39	21.20	21.42	21.48	21.41	22.5	0
10	QPSK	1	25	21.51	21.32	21.65	21.53	21.50		
10	QPSK	1	49	21.30	21.25	21.45	21.42	21.49		
10	QPSK	25	0	21.51	21.27	21.38	21.33	21.50	22.5	0
10	QPSK	25	12	21.49	21.39	21.57	21.40	21.52		
10	QPSK	25	25	21.41	21.28	21.47	21.31	21.41		
10	QPSK	50	0	21.41	21.30	21.53	21.55	21.40		
10	16QAM	1	0	21.37	21.35	21.63	21.52	21.38	22.5	0
10	16QAM	1	25	21.40	21.34	21.51	21.37	21.42		
10	16QAM	1	49	21.45	21.32	21.45	21.49	21.45		
10	16QAM	25	0	21.41	21.27	21.51	21.46	21.42	22.5	0
10	16QAM	25	12	21.40	21.36	21.52	21.47	21.37		
10	16QAM	25	25	21.41	21.41	21.49	21.41	21.35		
10	16QAM	50	0	21.30	21.31	21.50	21.34	21.42		
10	64QAM	1	0	21.48	21.35	21.46	21.57	21.44	22.5	0
10	64QAM	1	25	21.47	21.29	21.52	21.51	21.39		
10	64QAM	1	49	21.44	21.33	21.54	21.48	21.47		
10	64QAM	25	0	21.00	20.99	21.09	21.04	20.97	22	0.5
10	64QAM	25	12	20.97	21.01	21.12	21.05	21.12		
10	64QAM	25	25	20.94	20.96	21.06	20.98	21.04		
10	64QAM	50	0	20.96	21.02	21.11	21.06	21.02		
10	256QAM	1	0	18.95	18.89	19.02	19.02	19.00	20	2.5
10	256QAM	1	25	19.05	19.05	19.17	19.10	19.17		
10	256QAM	1	49	18.93	18.94	19.02	19.02	18.95		
10	256QAM	25	0	19.16	19.13	19.19	19.17	19.16	20	2.5
10	256QAM	25	12	19.18	19.13	19.21	19.19	19.20		
10	256QAM	25	25	19.11	19.12	19.12	19.10	19.23		
10	256QAM	50	0	19.10	19.14	19.20	19.18	19.13		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.40	21.29	21.41	21.35	21.37	22.5	0
5	QPSK	1	12	21.49	21.42	21.52	21.49	21.58		
5	QPSK	1	24	21.38	21.22	21.52	21.35	21.53		
5	QPSK	12	0	21.45	21.32	21.37	21.40	21.49	22.5	0
5	QPSK	12	7	21.40	21.26	21.59	21.46	21.45		
5	QPSK	12	13	21.34	21.30	21.52	21.34	21.49		
5	QPSK	25	0	21.42	21.41	21.60	21.46	21.41		
5	16QAM	1	0	21.45	21.29	21.62	21.42	21.45	22.5	0
5	16QAM	1	12	21.45	21.24	21.55	21.46	21.47		
5	16QAM	1	24	21.41	21.20	21.55	21.41	21.34		
5	16QAM	12	0	21.52	21.30	21.49	21.46	21.45	22.5	0
5	16QAM	12	7	21.40	21.34	21.54	21.49	21.51		
5	16QAM	12	13	21.43	21.32	21.54	21.34	21.45		
5	16QAM	25	0	21.31	21.39	21.46	21.33	21.49		
5	64QAM	1	0	21.42	21.33	21.49	21.50	21.43	22.5	0
5	64QAM	1	12	21.49	21.24	21.44	21.50	21.48		
5	64QAM	1	24	21.39	21.23	21.41	21.43	21.50		
5	64QAM	12	0	20.98	20.99	21.12	21.05	21.00	22	0.5
5	64QAM	12	7	21.00	20.95	21.02	20.98	21.06		
5	64QAM	12	13	20.96	20.95	20.99	20.99	21.02		
5	64QAM	25	0	20.98	20.93	21.07	21.03	21.03		
5	256QAM	1	0	18.92	18.97	19.05	18.98	18.96	20	2.5
5	256QAM	1	12	19.08	19.05	19.19	19.08	19.14		
5	256QAM	1	24	18.83	18.90	19.01	18.97	18.94		
5	256QAM	12	0	19.16	19.13	19.21	19.13	19.12	20	2.5
5	256QAM	12	7	19.10	19.08	19.19	19.23	19.19		
5	256QAM	12	13	19.15	19.13	19.22	19.13	19.18		
5	256QAM	25	0	19.12	19.07	19.15	19.18	19.12		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.70	24.67	24.67		
20	PI/2 BPSK	1	53	24.82	24.71	24.82	25.5	0.0
20	PI/2 BPSK	1	104	24.68	24.68	24.85		
20	PI/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	PI/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	PI/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61		
20	QPSK	1	53	24.78	24.83	24.81	25.5	0.0
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.78	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				166500	167300	168500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.66	23.81	23.69		
20	PI/2 BPSK	1	53	23.69	23.76	23.60	24.5	0.0
20	PI/2 BPSK	1	104	23.74	23.76	23.59		
20	PI/2 BPSK	50	0	23.70	23.78	23.61	24.5	0.0
20	PI/2 BPSK	50	28	23.69	23.79	23.65	24.5	0.0
20	PI/2 BPSK	50	56	23.78	23.75	23.63	24.5	0.0
20	PI/2 BPSK	100	0	23.68	23.73	23.64		
20	QPSK	1	1	23.72	23.75	23.66		
20	QPSK	1	53	23.78	23.83	23.69	24.5	0.0
20	QPSK	1	104	23.72	23.81	23.60		
20	QPSK	50	0	23.72	23.77	23.65	24.5	0.0
20	QPSK	50	28	23.76	23.80	23.66	24.5	0.0
20	QPSK	50	56	23.64	23.73	23.59	24.5	0.0
20	QPSK	100	0	23.60	23.76	23.55		
20	16QAM	1	53	23.70	23.77	23.61	24.5	0.0
20	64QAM	1	53	22.01	22.15	22.04	23.0	1.5
20	256QAM	1	53	20.64	20.62	20.67	21.0	3.5
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				856.5	424.5	-7.5		
15	QPSK	1	40	23.68	23.74	23.65	24.5	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				854	424.5	-5		
10	QPSK	1	26	23.68	23.75	23.64	24.5	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				851.5	424.5	-2.5		
5	QPSK	1	13	23.70	23.73	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46		
50	PI/2 BPSK	1	135	20.56	20.67	20.50	21.5	0.0
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31		
50	QPSK	1	135	20.76	20.73	20.63	21.5	0.0
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.59	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.48	21.60	21.51		
50	PI/2 BPSK	1	135	21.57	21.73	21.54	22.5	0.0
50	PI/2 BPSK	1	268	21.66	21.68	21.57		
50	PI/2 BPSK	135	0	21.52	21.72	21.50	22.5	0.0
50	PI/2 BPSK	135	68	21.49	21.74	21.59	22.5	0.0
50	PI/2 BPSK	135	135	21.61	21.69	21.66	22.5	0.0
50	PI/2 BPSK	270	0	21.66	21.54	21.64		
50	QPSK	1	1	21.63	21.75	21.64		
50	QPSK	1	135	21.71	21.79	21.68	22.5	0.0
50	QPSK	1	268	21.68	21.69	21.67		
50	QPSK	135	0	21.52	21.64	21.50	22.5	0.0
50	QPSK	135	68	21.64	21.74	21.63	22.5	0.0
50	QPSK	135	135	21.55	21.68	21.56	22.5	0.0
50	QPSK	270	0	21.52	21.71	21.52		
50	16QAM	1	135	21.57	21.66	21.64	22.5	0.0
50	64QAM	1	135	21.62	21.63	21.61	22.5	0.0
50	256QAM	1	135	19.65	19.73	19.62	21.5	1.0
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	108	21.63	21.75	21.61	22.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	80	21.69	21.73	21.62	22.5	0.0
Channel				502200	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	65	21.64	21.69	21.57	22.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	53	21.60	21.77	21.61	22.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	40	21.68	21.66	21.61	22.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	26	21.65	21.74	21.53	22.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	13	21.70	21.69	21.53	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	23.12	23.14	23.08		
50	PI/2 BPSK	1	135	23.32	23.41	23.30	24.0	0.0
50	PI/2 BPSK	1	268	23.13	23.22	23.14		
50	PI/2 BPSK	135	0	22.81	22.93	22.88	23.5	0.5
50	PI/2 BPSK	135	68	23.32	23.41	23.30	24.0	0.0
50	PI/2 BPSK	135	135	23.04	23.09	23.07	23.5	0.5
50	PI/2 BPSK	270	0	22.83	22.91	22.84		
50	QPSK	1	1	22.97	23.08	23.02		
50	QPSK	1	135	23.32	23.45	23.35	24.0	0.0
50	QPSK	1	268	23.01	23.12	23.03		
50	QPSK	135	0	22.30	22.31	22.27	23.0	1.0
50	QPSK	135	68	23.33	23.43	23.41	24.0	0.0
50	QPSK	135	135	22.40	22.45	22.40	23.0	1.0
50	QPSK	270	0	22.35	22.36	22.33		
50	16QAM	1	135	21.80	21.82	21.73	23.0	1.0
50	64QAM	1	135	20.37	20.44	20.41	21.5	2.5
50	256QAM	1	135	18.90	19.00	18.90	19.5	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	108	22.87	22.98	22.95	24.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	80	22.94	23.03	23.01	24.0	0.0
Channel				502200	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	65	22.89	23.05	22.93	24.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	53	22.95	23.00	22.90	24.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	40	22.91	22.98	22.97	24.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	26	22.92	23.03	22.95	24.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	13	22.86	23.04	22.91	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.22	19.33	19.20		
50	PI/2 BPSK	1	135	19.28	19.39	19.22	20.0	0.0
50	PI/2 BPSK	1	268	19.32	19.35	19.22		
50	PI/2 BPSK	135	0	19.32	19.38	19.21	20.0	0.0
50	PI/2 BPSK	135	68	19.29	19.31	19.22	20.0	0.0
50	PI/2 BPSK	135	135	19.33	19.39	19.19	20.0	0.0
50	PI/2 BPSK	270	0	19.29	19.38	19.17		
50	QPSK	1	1	19.27	19.33	19.20		
50	QPSK	1	135	19.33	19.42	19.24	20.0	0.0
50	QPSK	1	268	19.21	19.32	19.22		
50	QPSK	135	0	19.27	19.35	19.09	20.0	0.0
50	QPSK	135	68	19.30	19.37	19.18	20.0	0.0
50	QPSK	135	135	19.20	19.31	19.11	20.0	0.0
50	QPSK	270	0	19.18	19.32	19.08		
50	16QAM	1	135	19.28	19.37	19.19	20.0	0.0
50	64QAM	1	135	19.28	19.40	19.18	20.0	0.0
50	256QAM	1	135	19.04	19.08	19.03	19.5	0.5
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit	MPR
Frequency (MHz)				2590	1285	-20	(dBm)	(dB)
40	QPSK	1	108	19.21	19.38	19.19	20.0	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit	MPR
Frequency (MHz)				2585	1285	-15	(dBm)	(dB)
30	QPSK	1	80	19.27	19.37	19.16	20.0	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit	MPR
Frequency (MHz)				2582.5	1285	-12.5	(dBm)	(dB)
25	QPSK	1	65	19.26	19.40	19.19	20.0	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit	MPR
Frequency (MHz)				2580	1285	-10	(dBm)	(dB)
20	QPSK	1	53	19.28	19.36	19.17	20.0	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit	MPR
Frequency (MHz)				2577.5	1285	-7.5	(dBm)	(dB)
15	QPSK	1	40	19.28	19.38	19.21	20.0	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit	MPR
Frequency (MHz)				2575	1285	-5	(dBm)	(dB)
10	QPSK	1	26	19.28	19.40	19.16	20.0	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit	MPR
Frequency (MHz)				2572.5	1285	-2.5	(dBm)	(dB)
5	QPSK	1	13	19.28	19.35	19.22	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.60	20.61	20.54		
40	PI/2 BPSK	1	108	21.15	21.21	21.20	22.0	0.0
40	PI/2 BPSK	1	214	20.55	20.58	20.56		
40	PI/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	PI/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	PI/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	PI/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40		
40	QPSK	1	108	21.14	21.22	21.19	22.0	0.0
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.02	22.12	22.09		
40	PI/2 BPSK	1	108	22.14	22.19	22.23	23.0	0.0
40	PI/2 BPSK	1	214	21.97	22.03	22.09		
40	PI/2 BPSK	108	0	22.00	22.23	22.18	23.0	0.0
40	PI/2 BPSK	108	54	22.01	22.23	22.18	23.0	0.0
40	PI/2 BPSK	108	108	22.00	22.16	22.16	23.0	0.0
40	PI/2 BPSK	216	0	21.95	22.09	22.10		
40	QPSK	1	1	22.03	22.27	22.20		
40	QPSK	1	108	22.15	22.28	22.26	23.0	0.0
40	QPSK	1	214	22.02	22.17	22.24		
40	QPSK	108	0	21.99	22.19	22.10	23.0	0.0
40	QPSK	108	54	22.12	22.24	22.22	23.0	0.0
40	QPSK	108	108	22.00	22.17	22.08	23.0	0.0
40	QPSK	216	0	22.05	22.23	22.22		
40	16QAM	1	108	21.90	22.06	22.12	23.0	0.0
40	64QAM	1	108	22.02	22.04	21.99	23.0	0.0
40	256QAM	1	108	20.51	20.63	20.62	21.0	2.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.96	22.03	22.01	23.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	22.00	22.00	22.02	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	22.00	22.08	22.08	23.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.94	21.98	22.02	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.91	22.04	22.00	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	23.23	23.24	23.21	24.2	0.0
40	Pi/2 BPSK	1	108	23.74	23.78	23.72		
40	Pi/2 BPSK	1	214	23.22	23.23	23.20		
40	Pi/2 BPSK	108	0	22.94	23.03	22.97	23.7	0.5
40	Pi/2 BPSK	108	54	23.68	23.80	23.75	24.2	0.0
40	Pi/2 BPSK	108	108	23.01	23.11	23.07	23.7	0.5
40	Pi/2 BPSK	216	0	23.09	23.16	23.12		
40	QPSK	1	1	23.06	23.18	23.17	24.2	0.0
40	QPSK	1	108	23.76	23.81	23.80		
40	QPSK	1	214	23.19	23.22	23.21		
40	QPSK	108	0	22.43	22.47	22.46	23.2	1.0
40	QPSK	108	54	23.72	23.76	23.72	24.2	0.0
40	QPSK	108	108	22.50	22.57	22.51	23.2	1.0
40	QPSK	216	0	22.48	22.53	22.41		
40	16QAM	1	108	22.62	22.71	22.64	23.2	1.0
40	64QAM	1	108	21.25	21.26	21.27	21.7	2.5
40	256QAM	1	108	19.46	19.52	19.43	19.7	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.46	23.62	23.65	24.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	23.52	23.68	23.52	24.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	23.71	23.68	23.67	24.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.51	23.80	23.77	24.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	23.52	23.59	23.66	24.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	21.50	21.58	21.53	22.7	0.0
40	Pi/2 BPSK	1	108	21.55	21.61	21.58		
40	Pi/2 BPSK	1	214	21.52	21.65	21.54		
40	Pi/2 BPSK	108	0	21.51	21.64	21.60	22.7	0.0
40	Pi/2 BPSK	108	54	21.47	21.60	21.65	22.7	0.0
40	Pi/2 BPSK	108	108	21.52	21.62	21.61	22.7	0.0
40	Pi/2 BPSK	216	0	21.52	21.61	21.57		
40	QPSK	1	1	21.57	21.63	21.56	22.7	0.0
40	QPSK	1	108	21.58	21.69	21.64		
40	QPSK	1	214	21.51	21.63	21.58		
40	QPSK	108	0	21.48	21.65	21.51	22.7	0.0
40	QPSK	108	54	21.55	21.66	21.58	22.7	0.0
40	QPSK	108	108	21.48	21.64	21.55	22.7	0.0
40	QPSK	216	0	21.43	21.62	21.50		
40	16QAM	1	108	21.48	21.64	21.61	22.7	0.0
40	64QAM	1	108	20.36	20.45	20.41	21.7	1.0
40	256QAM	1	108	18.94	19.02	19.01	19.7	3.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1795	890	-15		
30	QPSK	1	80	21.50	21.60	21.58	22.7	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1790	890	-10		
20	QPSK	1	53	21.54	21.60	21.55	22.7	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1787.5	890	-7.5		
15	QPSK	1	40	21.48	21.68	21.57	22.7	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1785	890	-5		
10	QPSK	1	26	21.51	21.65	21.57	22.7	0.0
Channel				#DIV/0!	#DIV/0!	#DIV/0!	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1782.5	890	-2.5		
5	QPSK	1	13	21.58	21.63	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27		
40	PI/2 BPSK	1	53	20.91	20.93	20.90	21.5	0.0
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12		
40	QPSK	1	53	20.88	20.98	20.88	21.5	0.0
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55		
40	QPSK	50	28	20.48	20.48	20.44	21.5	0.0
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.68	22.71	22.69		
40	PI/2 BPSK	1	53	22.76	22.92	22.75	23.5	0.0
40	PI/2 BPSK	1	104	22.71	22.80	22.68		
40	PI/2 BPSK	50	0	22.62	22.71	22.77	23.5	0.0
40	PI/2 BPSK	50	28	22.75	22.77	22.70	23.5	0.0
40	PI/2 BPSK	50	56	22.70	22.74	22.77	23.5	0.0
40	PI/2 BPSK	100	0	22.78	22.80	22.69		
40	QPSK	1	1	22.74	22.84	22.73		
40	QPSK	1	53	22.80	22.93	22.85	23.5	0.0
40	QPSK	1	104	22.77	22.88	22.74		
40	QPSK	50	0	22.76	22.78	22.78		
40	QPSK	50	28	22.78	22.89	22.84	23.5	0.0
40	QPSK	50	56	22.72	22.88	22.81		
40	QPSK	100	0	22.79	22.90	22.81	23.5	0.0
40	16QAM	1	53	22.68	22.86	22.73	23.5	0.0
40	64QAM	1	53	21.88	21.86	21.89	23.0	0.5
40	256QAM	1	53	20.32	20.44	20.36	21.0	2.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	22.60	22.74	22.58	23.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	22.73	22.79	22.70	23.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.80	22.86	22.74		
40	PI/2 BPSK	1	53	23.43	23.46	23.45	24.0	0.0
40	PI/2 BPSK	1	104	22.91	23.02	23.00		
40	PI/2 BPSK	50	0	22.57	22.60	22.55	23.5	0.5
40	PI/2 BPSK	50	28	23.04	23.12	23.11	24.0	0.0
40	PI/2 BPSK	50	56	22.53	22.64	22.59	23.5	0.5
40	PI/2 BPSK	100	0	22.63	22.66	22.58		
40	QPSK	1	1	22.70	22.75	22.70		
40	QPSK	1	53	23.35	23.49	23.45	24.0	0.0
40	QPSK	1	104	22.87	22.92	22.82		
40	QPSK	50	0	22.05	22.01	22.04		
40	QPSK	50	28	22.97	23.01	23.00	24.0	0.0
40	QPSK	50	56	22.17	22.04	22.07		
40	QPSK	100	0	21.95	22.02	21.97	23.0	1.0
40	16QAM	1	53	22.23	22.27	22.22	23.0	1.0
40	64QAM	1	53	20.81	20.82	20.77	21.5	2.5
40	256QAM	1	53	19.42	19.43	19.38	19.5	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	22.65	22.74	22.60	24.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	22.64	22.70	22.59	24.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2592.02	2595	2597.98		
40	PI/2 BPSK	1	1	20.76	20.84	20.71		
40	PI/2 BPSK	1	53	20.76	20.80	20.81	21.5	0.0
40	PI/2 BPSK	1	104	20.77	20.85	20.72		
40	PI/2 BPSK	50	0	20.73	20.84	20.80	21.5	0.0
40	PI/2 BPSK	50	28	20.69	20.82	20.81	21.5	0.0
40	PI/2 BPSK	50	56	20.74	20.77	20.78	21.5	0.0
40	PI/2 BPSK	100	0	20.75	20.82	20.79		
40	QPSK	1	1	20.73	20.85	20.74		
40	QPSK	1	53	20.80	20.88	20.83	21.5	0.0
40	QPSK	1	104	20.71	20.83	20.80		
40	QPSK	50	0	20.71	20.79	20.73		
40	QPSK	50	28	20.77	20.85	20.81	21.5	0.0
40	QPSK	50	56	20.70	20.80	20.75		
40	QPSK	100	0	20.65	20.81	20.70	21.5	0.0
40	16QAM	1	53	20.75	20.78	20.76	21.5	0.0
40	64QAM	1	53	20.76	20.82	20.73	21.5	0.0
40	256QAM	1	53	19.28	19.38	19.26	19.5	2.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.78	20.77	20.77	21.5	0.0
Channel				516002	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.76	20.85	20.75	21.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62		
100	PI/2 BPSK	1	137	20.89	20.94	20.79	21.5	0.0
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57		
100	QPSK	1	137	20.75	21.00	20.67	21.5	0.0
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56		
100	QPSK	135	69	20.81	20.66	20.51	21.5	0.0
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.75	20.73	20.71	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	109	20.75	20.88	20.72	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.71	20.73	20.77	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	67	20.72	20.80	20.78	21.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.75	20.83	20.77	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.70	20.78	20.77	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	20.70	20.83	20.73	21.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.78	22.72	22.76		
100	PI/2 BPSK	1	137	22.72	22.82	22.80	23.5	0.0
100	PI/2 BPSK	1	271	22.62	22.74	22.69		
100	PI/2 BPSK	135	0	22.71	22.68	22.66	23.5	0.0
100	PI/2 BPSK	135	69	22.72	22.76	22.68	23.5	0.0
100	PI/2 BPSK	135	138	22.68	22.80	22.69	23.5	0.0
100	PI/2 BPSK	270	0	22.71	22.73	22.63		
100	QPSK	1	1	22.79	22.76	22.83		
100	QPSK	1	137	22.86	22.91	22.88	23.5	0.0
100	QPSK	1	271	22.74	22.82	22.74		
100	QPSK	135	0	22.75	22.82	22.77		
100	QPSK	135	69	22.81	22.90	22.79	23.5	0.0
100	QPSK	135	138	22.80	22.88	22.74		
100	QPSK	270	0	22.75	22.77	22.74	23.5	0.0
100	16QAM	1	137	22.85	22.84	22.76	23.5	0.0
100	64QAM	1	137	22.00	22.12	22.10	23.0	0.5
100	256QAM	1	137	20.64	20.65	20.60	21.0	2.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	22.72	22.87	22.76	23.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	22.75	22.87	22.78	23.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	22.83	22.76	22.76	23.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	22.73	22.78	22.78	23.5	0.0
Channel				502202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	22.72	22.89	22.80	23.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	22.73	22.84	22.80	23.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	22.80	22.84	22.79	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.20	22.26	22.17		
100	PI/2 BPSK	1	137	23.41	23.52	23.49	24.0	0.0
100	PI/2 BPSK	1	271	22.22	22.33	22.26		
100	PI/2 BPSK	135	0	22.46	22.58	22.49	23.5	0.5
100	PI/2 BPSK	135	69	23.38	23.48	23.44	24.0	0.0
100	PI/2 BPSK	135	138	22.49	22.59	22.50	23.5	0.5
100	PI/2 BPSK	270	0	22.52	22.60	22.50		
100	QPSK	1	1	22.25	22.29	22.22		
100	QPSK	1	137	23.46	23.54	23.37	24.0	0.0
100	QPSK	1	271	22.36	22.38	22.37		
100	QPSK	135	0	22.60	22.61	22.60		
100	QPSK	135	69	23.30	23.46	23.26	24.0	0.0
100	QPSK	135	138	22.54	22.60	22.58		
100	QPSK	270	0	22.45	22.48	22.37	23.0	1.0
100	16QAM	1	137	22.22	22.27	22.19	23.0	1.0
100	64QAM	1	137	20.61	20.65	20.59	21.5	2.5
100	256QAM	1	137	19.18	19.21	19.12	19.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	23.05	23.07	23.05	24.0	0.0
Channel				507204	518598	529908	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.08	23.11	23.02	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.05	23.15	23.00	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.05	23.18	23.06	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.04	23.11	23.08	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.06	23.13	23.08	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	23.12	23.15	23.02	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.23	20.33	20.05		
100	PI/2 BPSK	1	137	20.30	20.36	20.07	21.0	0.0
100	PI/2 BPSK	1	271	20.20	20.37	20.07		
100	PI/2 BPSK	135	0	20.22	20.36	20.06	21.0	0.0
100	PI/2 BPSK	135	69	20.25	20.34	20.00	21.0	0.0
100	PI/2 BPSK	135	138	20.26	20.30	20.05	21.0	0.0
100	PI/2 BPSK	270	0	20.23	20.34	20.06		
100	QPSK	1	1	20.28	20.29	20.08		
100	QPSK	1	137	20.30	20.38	20.12	21.0	0.0
100	QPSK	1	271	20.26	20.34	20.10		
100	QPSK	135	0	20.14	20.26	20.05		
100	QPSK	135	69	20.26	20.32	20.08	21.0	0.0
100	QPSK	135	138	20.24	20.25	20.00		
100	QPSK	270	0	20.20	20.24	19.98	21.0	0.0
100	16QAM	1	137	20.23	20.33	20.06	21.0	0.0
100	64QAM	1	137	20.18	20.33	20.06	21.0	0.0
100	256QAM	1	137	19.25	19.28	19.21	19.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.22	20.34	20.11	21.0	0.0
Channel				507204	518598	529908	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	20.24	20.28	20.07	21.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	20.22	20.31	20.04	21.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	20.25	20.37	20.07	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.28	20.29	20.03	21.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.29	20.33	20.11	21.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	26	20.22	20.32	20.05	21.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.34			
100	PI/2 BPSK	1	137		17.39		18.0	0.0
100	PI/2 BPSK	1	271		17.41			
100	PI/2 BPSK	135	0		17.40		18.0	0.0
100	PI/2 BPSK	135	69		17.41		18.0	0.0
100	PI/2 BPSK	135	138		17.37		18.0	0.0
100	PI/2 BPSK	270	0		17.37			
100	QPSK	1	1		17.36			
100	QPSK	1	137		17.43		18.0	0.0
100	QPSK	1	271		17.41			
100	QPSK	135	0		17.35			
100	QPSK	135	69		17.37		18.0	0.0
100	QPSK	135	138		17.31			
100	QPSK	270	0		17.33		18.0	0.0
100	16QAM	1	137		17.35		18.0	0.0
100	64QAM	1	137		17.37		18.0	0.0
100	256QAM	1	137		17.39		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.28	17.35	17.24	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.28	17.37	17.35	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
70	QPSK	1	95	17.33	17.37	17.28	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
60	QPSK	1	81	17.35	17.35	17.34	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
50	QPSK	1	67	17.35	17.42	17.29	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
40	QPSK	1	53	17.31	17.38	17.28	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.30	17.34	17.30	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.33	17.36	17.25	18.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.73			
100	PI/2 BPSK	1	137		20.72		21.0	0.0
100	PI/2 BPSK	1	271		20.73			
100	PI/2 BPSK	135	0		20.80		21.0	0.0
100	PI/2 BPSK	135	69		20.81		21.0	0.0
100	PI/2 BPSK	135	138		20.78		21.0	0.0
100	PI/2 BPSK	270	0		20.73			
100	QPSK	1	1		20.75			
100	QPSK	1	137		20.83		21.0	0.0
100	QPSK	1	271		20.78			
100	QPSK	135	0		20.68			
100	QPSK	135	69		20.71		21.0	0.0
100	QPSK	135	138		20.65			
100	QPSK	270	0		20.68		21.0	0.0
100	16QAM	1	137		20.62		21.0	0.0
100	64QAM	1	137		20.65		21.0	0.0
100	256QAM	1	137		20.60		21.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.71	20.75	20.67	21.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.73	20.80	20.69	21.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.72	20.80	20.68	21.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.66	20.75	20.66	21.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.66	20.79	20.71	21.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.76	20.73	20.73	21.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.70	20.76	20.69	21.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.76	20.77	20.68	21.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.99			
100	PI/2 BPSK	1	137		16.98		18.0	0.0
100	PI/2 BPSK	1	271		16.93			
100	PI/2 BPSK	135	0		17.01		18.0	0.0
100	PI/2 BPSK	135	69		17.02		18.0	0.0
100	PI/2 BPSK	135	138		17.02		18.0	0.0
100	PI/2 BPSK	270	0		16.97			
100	QPSK	1	1		16.97			
100	QPSK	1	137		17.03		18.0	0.0
100	QPSK	1	271		16.97			
100	QPSK	135	0		16.93			
100	QPSK	135	69		16.95		18.0	0.0
100	QPSK	135	138		16.89			
100	QPSK	270	0		16.91		18.0	0.0
100	16QAM	1	137		17.02		18.0	0.0
100	64QAM	1	137		17.01		18.0	0.0
100	256QAM	1	137		16.96		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	16.94	17.02	16.92	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	16.93	16.98	16.92	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	16.90	17.02	16.90	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	16.92	16.96	16.89	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	16.98	16.98	16.93	18.0	0.0
Channel				648000	650000	652002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.96	16.96	16.85	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	16.89	16.97	16.83	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	16.93	16.95	16.91	18.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/Ch. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.33		21.0	0.0
100	PI/2 BPSK	1	137		20.32			
100	PI/2 BPSK	1	271		20.37			
100	PI/2 BPSK	135	0		20.41		21.0	0.0
100	PI/2 BPSK	135	69		20.34		21.0	0.0
100	PI/2 BPSK	135	138		20.41		21.0	0.0
100	PI/2 BPSK	270	0		20.33			
100	QPSK	1	1		20.38		21.0	0.0
100	QPSK	1	137		20.42			
100	QPSK	1	271		20.38			
100	QPSK	135	0		20.30		21.0	0.0
100	QPSK	135	69		20.32			
100	QPSK	135	138		20.25			
100	QPSK	270	0		20.26		21.0	0.0
100	16QAM	1	137		20.20		21.0	0.0
100	64QAM	1	137		20.18		21.0	0.0
100	256QAM	1	137		20.13		21.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	20.28	20.32	20.26	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	20.30	20.41	20.26	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.32	20.35	20.29	21.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	20.25	20.39	20.23	21.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	20.26	20.35	20.25	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.27	20.36	20.32	21.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	20.27	20.40	20.24	21.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	20.28	20.38	20.31	21.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/Ch. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.07		15.0	0.0
100	PI/2 BPSK	1	137		14.07			
100	PI/2 BPSK	1	271		14.04			
100	PI/2 BPSK	135	0		14.11		15.0	0.0
100	PI/2 BPSK	135	69		14.06		15.0	0.0
100	PI/2 BPSK	135	138		14.06		15.0	0.0
100	PI/2 BPSK	270	0		14.05			
100	QPSK	1	1		14.05		15.0	0.0
100	QPSK	1	137		14.12			
100	QPSK	1	271		14.07			
100	QPSK	135	0		14.05		15.0	0.0
100	QPSK	135	69		14.07			
100	QPSK	135	138		14.01			
100	QPSK	270	0		14.03		15.0	0.0
100	16QAM	1	137		14.08		15.0	0.0
100	64QAM	1	137		14.08		15.0	0.0
100	256QAM	1	137		14.03		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	13.97	14.10	14.02	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.01	14.05	13.92	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.05	14.11	13.95	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.00	14.10	13.97	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.05	14.00	13.98	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.05	14.07	13.93	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.03	14.06	13.96	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.01	14.09	14.01	15.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/Ch. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.92		18.0	0.0
100	PI/2 BPSK	1	137		17.91			
100	PI/2 BPSK	1	271		17.88			
100	PI/2 BPSK	135	0		17.92		18.0	0.0
100	PI/2 BPSK	135	69		17.88		18.0	0.0
100	PI/2 BPSK	135	138		17.91		18.0	0.0
100	PI/2 BPSK	270	0		17.92			
100	QPSK	1	1		17.88		18.0	0.0
100	QPSK	1	137		17.95			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.85		18.0	0.0
100	QPSK	135	69		17.89			
100	QPSK	135	138		17.81			
100	QPSK	270	0		17.84		18.0	0.0
100	16QAM	1	137		17.80		18.0	0.0
100	64QAM	1	137		17.78		18.0	0.0
100	256QAM	1	137		17.82		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.86	17.91	17.81	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.84	17.92	17.85	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	17.82	17.85	17.86	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.92	17.88	17.82	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.81	17.88	17.86	18.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.86	17.88	17.83	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.84	17.89	17.81	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.86	17.91	17.85	18.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/Ce Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.03			
100	PI/2 BPSK	1	137		14.05		15.0	0.0
100	PI/2 BPSK	1	271		14.05			
100	PI/2 BPSK	135	0		14.08		15.0	0.0
100	PI/2 BPSK	135	69		14.04		15.0	0.0
100	PI/2 BPSK	135	138		14.09		15.0	0.0
100	PI/2 BPSK	270	0		14.11			
100	QPSK	1	1		14.03			
100	QPSK	1	137		14.12		15.0	0.0
100	QPSK	1	271		14.10			
100	QPSK	135	0		14.05			
100	QPSK	135	69		14.08		15.0	0.0
100	QPSK	135	138		14.00			
100	QPSK	270	0		14.03		15.0	0.0
100	16QAM	1	137		14.05		15.0	0.0
100	64QAM	1	137		14.02		15.0	0.0
100	256QAM	1	137		14.01		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	14.04	14.11	13.93	15.0	0.0
Channel				640334	650000	659666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	13.96	14.05	13.94	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	14.04	14.08	13.98	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.00	14.07	14.02	15.0	0.0
Channel				640334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	14.00	14.04	13.95	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	14.05	14.04	13.95	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	13.97	14.10	13.99	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	14.07	14.08	13.93	15.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/Ce Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.91			
100	PI/2 BPSK	1	137		17.90		18.0	0.0
100	PI/2 BPSK	1	271		17.83			
100	PI/2 BPSK	135	0		17.85		18.0	0.0
100	PI/2 BPSK	135	69		17.85		18.0	0.0
100	PI/2 BPSK	135	138		17.84		18.0	0.0
100	PI/2 BPSK	270	0		17.90			
100	QPSK	1	1		17.85			
100	QPSK	1	137		17.93		18.0	0.0
100	QPSK	1	271		17.88			
100	QPSK	135	0		17.83			
100	QPSK	135	69		17.88		18.0	0.0
100	QPSK	135	138		17.80			
100	QPSK	270	0		17.83		18.0	0.0
100	16QAM	1	137		17.85		18.0	0.0
100	64QAM	1	137		17.78		18.0	0.0
100	256QAM	1	137		17.83		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	17.82	17.90	17.83	18.0	0.0
Channel				640334	650000	659666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	17.84	17.89	17.79	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.85	17.88	17.77	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	17.88	17.81	17.78	18.0	0.0
Channel				640334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	17.79	17.87	17.75	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.77	17.83	17.74	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	17.84	17.91	17.76	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	17.78	17.86	17.78	18.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/Ce Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.48			
100	PI/2 BPSK	1	137		21.40		22.3	0.0
100	PI/2 BPSK	1	271		20.55			
100	PI/2 BPSK	135	0		21.05		22.3	0.0
100	PI/2 BPSK	135	69		21.34		22.3	0.0
100	PI/2 BPSK	135	138		21.05		22.3	0.0
100	PI/2 BPSK	270	0		21.07			
100	QPSK	1	1		20.45			
100	QPSK	1	137		21.41		22.3	0.0
100	QPSK	1	271		20.51			
100	QPSK	135	0		21.01			
100	QPSK	135	69		21.25		22.3	0.0
100	QPSK	135	138		21.03			
100	QPSK	270	0		21.02		22.3	0.0
100	16QAM	1	137		20.74		22.3	0.0
100	64QAM	1	137		20.75		22.3	0.0
100	256QAM	1	137		19.51		20.8	1.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	21.17	21.09	21.26	22.3	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	21.31	21.14	21.15	22.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	21.14	21.06	21.29	22.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	21.19	21.06	21.36	22.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	21.26	21.16	21.21	22.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	21.03	21.10	21.36	22.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	21.16	21.19	21.40	22.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	21.23	21.07	21.30	22.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		23.74			
100	PI/2 BPSK	1	137		24.36		25.3	0.0
100	PI/2 BPSK	1	271		23.94			
100	PI/2 BPSK	135	0		23.85		24.8	0.5
100	PI/2 BPSK	135	69		24.33		25.3	0.0
100	PI/2 BPSK	135	138		24.01		24.8	0.5
100	PI/2 BPSK	270	0		23.92			
100	QPSK	1	1		23.71			
100	QPSK	1	137		24.40		25.3	0.0
100	QPSK	1	271		23.88			
100	QPSK	135	0		23.62			
100	QPSK	135	69		24.37		25.3	0.0
100	QPSK	135	138		23.98			
100	QPSK	270	0		23.42		24.3	1.0
100	16QAM	1	137		23.20		24.3	1.0
100	64QAM	1	137		21.59		22.8	2.5
100	256QAM	1	137		19.61		20.8	4.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	23.96	23.90	23.98	25.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	24.09	23.77	24.07	25.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	23.93	24.01	23.84	25.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	23.93	24.01	23.91	25.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	24.10	24.01	23.83	25.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	23.92	24.01	23.93	25.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	24.02	23.86	23.83	25.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	24.09	23.98	23.91	25.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.36			
100	PI/2 BPSK	1	137		21.14		22.3	0.0
100	PI/2 BPSK	1	271		20.38			
100	PI/2 BPSK	135	0		20.90		22.3	0.0
100	PI/2 BPSK	135	69		21.09		22.3	0.0
100	PI/2 BPSK	135	138		20.91		22.3	0.0
100	PI/2 BPSK	270	0		20.90			
100	QPSK	1	1		20.38			
100	QPSK	1	137		21.20		22.3	0.0
100	QPSK	1	271		20.41			
100	QPSK	135	0		20.80			
100	QPSK	135	69		21.04		22.3	0.0
100	QPSK	135	138		20.91			
100	QPSK	270	0		20.81		22.3	0.0
100	16QAM	1	137		20.38		22.3	0.0
100	64QAM	1	137		20.47		22.3	0.0
100	256QAM	1	137		19.31		20.8	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	20.73	20.78	21.02	22.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	20.82	20.79	20.89	22.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.77	20.84	20.88	22.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	20.68	20.82	21.06	22.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	20.80	20.72	21.16	22.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.63	20.64	21.08	22.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	20.61	20.89	21.03	22.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	20.59	20.77	21.17	22.3	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.73			
100	PI/2 BPSK	1	137		24.50		25.3	0.0
100	PI/2 BPSK	1	271		23.92			
100	PI/2 BPSK	135	0		23.85		24.8	0.5
100	PI/2 BPSK	135	69		24.50		25.3	0.0
100	PI/2 BPSK	135	138		24.02		24.8	0.5
100	PI/2 BPSK	270	0		23.96			
100	QPSK	1	1		23.64			
100	QPSK	1	137		24.57		25.3	0.0
100	QPSK	1	271		23.78			
100	QPSK	135	0		23.56			
100	QPSK	135	69		24.54		25.3	0.0
100	QPSK	135	138		23.61			
100	QPSK	270	0		23.50		24.3	1.0
100	16QAM	1	137		23.12		24.3	1.0
100	64QAM	1	137		21.56		22.8	2.5
100	256QAM	1	137		19.56		20.8	4.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	24.37	24.34	24.32	25.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	24.39	24.21	24.18	25.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.37	24.35	24.30	25.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	24.49	24.42	24.22	25.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	24.48	24.29	24.30	25.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.28	24.25	24.28	25.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	24.49	24.26	24.33	25.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	24.23	24.22	24.27	25.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.09			
100	PI/2 BPSK	1	137		16.14		17.0	0.0
100	PI/2 BPSK	1	271		16.12			
100	PI/2 BPSK	135	0		16.08		17.0	0.0
100	PI/2 BPSK	135	69		16.10		17.0	0.0
100	PI/2 BPSK	135	138		16.13		17.0	0.0
100	PI/2 BPSK	270	0		16.08			
100	QPSK	1	1		16.12			
100	QPSK	1	137		16.15		17.0	0.0
100	QPSK	1	271		16.03			
100	QPSK	135	0		16.10			
100	QPSK	135	69		16.12		17.0	0.0
100	QPSK	135	138		16.05			
100	QPSK	270	0		16.09		17.0	0.0
100	16QAM	1	137		16.10		17.0	0.0
100	64QAM	1	137		16.08		17.0	0.0
100	256QAM	1	137		15.59		16.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.06	16.11	16.07	17.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.01	16.10	16.02	17.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	16.09	16.08	16.06	17.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	16.06	16.07	16.00	17.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	16.03	16.11	16.04	17.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	16.05	16.06	16.05	17.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	16.11	16.14	16.00	17.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.04	16.07	16.05	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		19.65			
100	PI/2 BPSK	1	137		19.66		20.0	0.0
100	PI/2 BPSK	1	271		19.63			
100	PI/2 BPSK	135	0		19.62		20.0	0.0
100	PI/2 BPSK	135	69		19.66		20.0	0.0
100	PI/2 BPSK	135	138		19.67		20.0	0.0
100	PI/2 BPSK	270	0		19.68			
100	QPSK	1	1		19.63			
100	QPSK	1	137		19.73		20.0	0.0
100	QPSK	1	271		19.65			
100	QPSK	135	0		19.63			
100	QPSK	135	69		19.70		20.0	0.0
100	QPSK	135	138		19.62			
100	QPSK	270	0		19.68		20.0	0.0
100	16QAM	1	137		19.66		20.0	0.0
100	64QAM	1	137		19.69		20.0	0.0
100	256QAM	1	137		19.21		19.5	0.5
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	19.64	19.67	19.58	20.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	19.58	19.70	19.58	20.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	19.60	19.70	19.60	20.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	19.65	19.72	19.58	20.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	19.63	19.68	19.57	20.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	19.63	19.70	19.64	20.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	19.59	19.65	19.64	20.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	19.63	19.68	19.58	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		15.90		17.0	0.0
100	Pi/2 BPSK	1	137		15.88			
100	Pi/2 BPSK	1	271		15.81			
100	Pi/2 BPSK	135	0		15.83		17.0	0.0
100	Pi/2 BPSK	135	69		15.86		17.0	0.0
100	Pi/2 BPSK	135	138		15.81		17.0	0.0
100	Pi/2 BPSK	270	0		15.91			
100	QPSK	1	1		15.88		17.0	0.0
100	QPSK	1	137		15.92			
100	QPSK	1	271		15.90			
100	QPSK	135	0		15.85		17.0	0.0
100	QPSK	135	69		15.89			
100	QPSK	135	138		15.81			
100	QPSK	270	0		15.86		17.0	0.0
100	16QAM	1	137		15.85		17.0	0.0
100	64QAM	1	137		15.90		17.0	0.0
100	256QAM	1	137		15.36		16.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.80	15.84	15.77	17.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.87	15.86	15.82	17.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.83	15.88	15.81	17.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.83	15.86	15.79	17.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.81	15.87	15.82	17.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.82	15.86	15.78	17.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.88	15.83	15.80	17.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.88	15.82	15.83	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		19.46		20.0	0.0
100	Pi/2 BPSK	1	137		19.46			
100	Pi/2 BPSK	1	271		19.50			
100	Pi/2 BPSK	135	0		19.47		20.0	0.0
100	Pi/2 BPSK	135	69		19.50		20.0	0.0
100	Pi/2 BPSK	135	138		19.52		20.0	0.0
100	Pi/2 BPSK	270	0		19.46			
100	QPSK	1	1		19.44		20.0	0.0
100	QPSK	1	137		19.53			
100	QPSK	1	271		19.45			
100	QPSK	135	0		19.42		20.0	0.0
100	QPSK	135	69		19.48			
100	QPSK	135	138		19.40			
100	QPSK	270	0		19.43		20.0	0.0
100	16QAM	1	137		19.49		20.0	0.0
100	64QAM	1	137		19.47		20.0	0.0
100	256QAM	1	137		18.94		19.5	0.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.46	19.47	19.39	20.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.40	19.51	19.39	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.43	19.49	19.35	20.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.43	19.48	19.42	20.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.42	19.41	19.36	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.40	19.42	19.45	20.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.36	19.47	19.37	20.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.44	19.51	19.35	20.0	0.0

Reduced Power Mode for DS4 ENDC

Band 2 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45	23	0
20	QPSK	1	49	22.53	22.61	22.46		
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38	22	1
20	QPSK	50	24	21.46	21.52	21.39		
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39	22	1
20	16QAM	1	49	21.62	21.65	21.49		
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50	21	2
20	16QAM	50	24	20.66	20.68	20.56		
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54	21	2
20	64QAM	1	49	20.72	20.74	20.66		
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57	20	3
20	64QAM	50	24	19.57	19.66	19.64		
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.48	17.45	18	5
20	256QAM	1	49	17.51	17.62	17.60		
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55	18	5
20	256QAM	50	24	17.55	17.63	17.58		
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36	23	0
15	QPSK	1	37	22.49	22.53	22.40		
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.39	21.51	21.40	22	1
15	QPSK	36	20	21.36	21.40	21.36		
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.38	21.52	21.32	22	1
15	16QAM	1	37	21.59	21.58	21.40		
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47	21	2
15	16QAM	36	20	20.60	20.60	20.53		
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47	21	2
15	64QAM	1	37	20.65	20.71	20.58		
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50	20	3
15	64QAM	36	20	19.51	19.63	19.56		
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41	18	5
15	256QAM	1	37	17.49	17.55	17.54		
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.52	17.48	18	5
15	256QAM	36	20	17.49	17.56	17.46		
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41	23	0
10	QPSK	1	25	22.49	22.55	22.37		
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32	22	1
10	QPSK	25	12	21.45	21.50	21.30		
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.43	21.46	21.36	22	1
10	16QAM	1	25	21.56	21.57	21.41		
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45	21	2
10	16QAM	25	12	20.66	20.64	20.53		
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49	21	2
10	64QAM	1	25	20.63	20.62	20.62		
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55	20	3
10	64QAM	25	12	19.55	19.56	19.60		
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42	18	5
10	256QAM	1	25	17.45	17.62	17.60		
10	256QAM	1	49	17.31	17.30	17.22		
10	256QAM	25	0	17.44	17.53	17.50	18	5
10	256QAM	25	12	17.49	17.56	17.53		
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.51	17.56		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44	23	0
5	QPSK	1	12	22.49	22.55	22.35		
5	QPSK	1	24	22.24	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31	22	1
5	QPSK	12	7	21.41	21.43	21.36		
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.47	21.35	22	1
5	16QAM	1	12	21.58	21.56	21.42		
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46	21	2
5	16QAM	12	7	20.65	20.65	20.45		
5	16QAM	12	13	20.57	20.59	20.44		
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50	21	2
5	64QAM	1	12	20.64	20.68	20.63		
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52	20	3
5	64QAM	12	7	19.52	19.58	19.58		
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43	18	5
5	256QAM	1	12	17.46	17.59	17.55		
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51	18	5
5	256QAM	12	7	17.47	17.59	17.51		
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43	23	0
3	QPSK	1	8	22.52	22.56	22.44		
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34	22	1
3	QPSK	8	4	21.39	21.47	21.30		
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.38	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.30	22	1
3	16QAM	1	8	21.61	21.59	21.41		
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47	21	2
3	16QAM	8	4	20.60	20.63	20.53		
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48	21	2
3	64QAM	1	8	20.63	20.63	20.63		
3	64QAM	1	14	20.48	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57	20	3
3	64QAM	8	4	19.51	19.61	19.59		
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41	18	5
3	256QAM	1	8	17.41	17.58	17.58		
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51	18	5
3	256QAM	8	4	17.51	17.55	17.54		
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35	23	0
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20		
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	1	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39	22	1
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23		
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.50	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.65	20.57	20.51	21	2
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42		
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44	18	5
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33		
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.95	15.89	15.73	16.5	0
20	QPSK	1	49	15.96	15.97	15.81		
20	QPSK	1	99	15.68	15.65	15.55		
20	QPSK	50	0	15.82	15.83	15.69	16.5	0
20	QPSK	50	24	15.92	15.93	15.71		
20	QPSK	50	50	15.54	15.58	15.50		
20	QPSK	100	0	15.93	15.95	15.59		
20	16QAM	1	0	15.88	15.85	15.75	16.5	0
20	16QAM	1	49	15.58	15.63	15.48		
20	16QAM	1	99	15.87	15.85	15.59		
20	16QAM	50	0	15.91	15.83	15.65	16.5	0
20	16QAM	50	24	15.84	15.92	15.74		
20	16QAM	50	50	15.65	15.59	15.53		
20	16QAM	100	0	15.95	15.91	15.70		
20	64QAM	1	0	15.85	15.77	15.70	16.5	0
20	64QAM	1	49	15.94	15.80	15.68		
20	64QAM	1	99	15.54	15.56	15.46		
20	64QAM	50	0	15.57	15.56	15.48	16.5	0
20	64QAM	50	24	15.93	15.84	15.66		
20	64QAM	50	50	15.95	15.83	15.78		
20	64QAM	100	0	15.61	15.53	15.53		
20	256QAM	1	0	15.82	15.86	15.68	16.5	0
20	256QAM	1	49	15.82	15.91	15.77		
20	256QAM	1	99	15.60	15.57	15.51		
20	256QAM	50	0	15.86	15.87	15.59	16.5	0
20	256QAM	50	24	15.87	15.78	15.69		
20	256QAM	50	50	15.93	15.82	15.79		
20	256QAM	100	0	15.66	15.61	15.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.91	15.87	15.70	16.5	0
15	QPSK	1	37	15.86	15.80	15.75		
15	QPSK	1	74	15.62	15.56	15.43		
15	QPSK	36	0	15.78	15.79	15.59	16.5	0
15	QPSK	36	20	15.84	15.80	15.63		
15	QPSK	36	39	15.43	15.52	15.38		
15	QPSK	75	0	15.79	15.88	15.48		
15	16QAM	1	0	15.86	15.72	15.64	16.5	0
15	16QAM	1	37	15.50	15.60	15.42		
15	16QAM	1	74	15.79	15.82	15.58		
15	16QAM	36	0	15.76	15.77	15.57	16.5	0
15	16QAM	36	20	15.69	15.78	15.67		
15	16QAM	36	39	15.60	15.56	15.50		
15	16QAM	75	0	15.85	15.82	15.66		
15	64QAM	1	0	15.79	15.75	15.56	16.5	0
15	64QAM	1	37	15.80	15.70	15.54		
15	64QAM	1	74	15.48	15.55	15.44		
15	64QAM	36	0	15.48	15.54	15.38	16.5	0
15	64QAM	36	20	15.86	15.80	15.63		
15	64QAM	36	39	15.85	15.73	15.77		
15	64QAM	75	0	15.52	15.49	15.52		
15	256QAM	1	0	15.76	15.81	15.53	16.5	0
15	256QAM	1	37	15.76	15.89	15.64		
15	256QAM	1	74	15.46	15.51	15.45		
15	256QAM	36	0	15.79	15.83	15.44	16.5	0
15	256QAM	36	20	15.73	15.73	15.56		
15	256QAM	36	39	15.83	15.68	15.71		
15	256QAM	75	0	15.55	15.57	15.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.87	15.80	15.61	16.5	0
10	QPSK	1	25	15.90	15.90	15.75		
10	QPSK	1	49	15.57	15.64	15.42		
10	QPSK	25	0	15.71	15.77	15.64	16.5	0
10	QPSK	25	12	15.91	15.82	15.60		
10	QPSK	25	25	15.52	15.53	15.46		
10	QPSK	50	0	15.81	15.85	15.51		
10	16QAM	1	0	15.82	15.78	15.62	16.5	0
10	16QAM	1	25	15.55	15.62	15.35		
10	16QAM	1	49	15.78	15.71	15.56		
10	16QAM	25	0	15.77	15.81	15.58	16.5	0
10	16QAM	25	12	15.82	15.87	15.72		
10	16QAM	25	25	15.53	15.56	15.46		
10	16QAM	50	0	15.81	15.88	15.59		
10	64QAM	1	0	15.82	15.66	15.65	16.5	0
10	64QAM	1	25	15.93	15.74	15.66		
10	64QAM	1	49	15.52	15.47	15.40		
10	64QAM	25	0	15.47	15.55	15.44	16.5	0
10	64QAM	25	12	15.89	15.76	15.64		
10	64QAM	25	25	15.84	15.77	15.66		
10	64QAM	50	0	15.54	15.49	15.41		
10	256QAM	1	0	15.71	15.77	15.62	16.5	0
10	256QAM	1	25	15.70	15.83	15.70		
10	256QAM	1	49	15.50	15.54	15.39		
10	256QAM	25	0	15.82	15.73	15.57	16.5	0
10	256QAM	25	12	15.84	15.66	15.68		
10	256QAM	25	25	15.83	15.72	15.78		
10	256QAM	50	0	15.60	15.50	15.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.86	15.81	15.64	16.5	0
5	QPSK	1	12	15.82	15.94	15.78		
5	QPSK	1	24	15.61	15.59	15.51		
5	QPSK	12	0	15.71	15.73	15.68	16.5	0
5	QPSK	12	7	15.81	15.87	15.56		
5	QPSK	12	13	15.46	15.54	15.44		
5	QPSK	25	0	15.88	15.82	15.50		
5	16QAM	1	0	15.84	15.75	15.63	16.5	0
5	16QAM	1	12	15.46	15.51	15.43		
5	16QAM	1	24	15.81	15.74	15.47		
5	16QAM	12	0	15.86	15.79	15.64	16.5	0
5	16QAM	12	7	15.75	15.79	15.69		
5	16QAM	12	13	15.57	15.47	15.52		
5	16QAM	25	0	15.88	15.81	15.55		
5	64QAM	1	0	15.84	15.75	15.59	16.5	0
5	64QAM	1	12	15.89	15.76	15.57		
5	64QAM	1	24	15.42	15.52	15.40		
5	64QAM	12	0	15.44	15.50	15.37	16.5	0
5	64QAM	12	7	15.84	15.75	15.52		
5	64QAM	12	13	15.80	15.82	15.77		
5	64QAM	25	0	15.57	15.52	15.45		
5	256QAM	1	0	15.79	15.72	15.62	16.5	0
5	256QAM	1	12	15.77	15.83	15.73		
5	256QAM	1	24	15.48	15.43	15.45		
5	256QAM	12	0	15.78	15.84	15.56	16.5	0
5	256QAM	12	7	15.77	15.63	15.59		
5	256QAM	12	13	15.78	15.81	15.78		
5	256QAM	25	0	15.60	15.47	15.42		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.82	15.77	15.58	16.5	0
3	QPSK	1	8	15.85	15.88	15.71		
3	QPSK	1	14	15.66	15.62	15.49		
3	QPSK	8	0	15.78	15.80	15.63	16.5	0
3	QPSK	8	4	15.90	15.88	15.66		
3	QPSK	8	7	15.50	15.54	15.47		
3	QPSK	15	0	15.83	15.94	15.56		
3	16QAM	1	0	15.85	15.74	15.66	16.5	0
3	16QAM	1	8	15.43	15.61	15.38		
3	16QAM	1	14	15.74	15.76	15.48		
3	16QAM	8	0	15.81	15.73	15.53	16.5	0
3	16QAM	8	4	15.77	15.80	15.62		
3	16QAM	8	7	15.52	15.49	15.47		
3	16QAM	15	0	15.94	15.85	15.67		
3	64QAM	1	0	15.76	15.69	15.66	16.5	0
3	64QAM	1	8	15.84	15.72	15.61		
3	64QAM	1	14	15.52	15.51	15.37		
3	64QAM	8	0	15.42	15.41	15.47	16.5	0
3	64QAM	8	4	15.81	15.74	15.52		
3	64QAM	8	7	15.85	15.76	15.64		
3	64QAM	15	0	15.48	15.49	15.51		
3	256QAM	1	0	15.69	15.83	15.58	16.5	0
3	256QAM	1	8	15.76	15.88	15.71		
3	256QAM	1	14	15.57	15.45	15.41		
3	256QAM	8	0	15.84	15.77	15.49	16.5	0
3	256QAM	8	4	15.74	15.63	15.57		
3	256QAM	8	7	15.78	15.74	15.71		
3	256QAM	15	0	15.62	15.49	15.35		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.86	15.74	15.70	16.5	0
1.4	QPSK	1	3	15.90	15.86	15.73		
1.4	QPSK	1	5	15.66	15.55	15.53		
1.4	QPSK	3	0	15.78	15.77	15.56		
1.4	QPSK	3	1	15.78	15.78	15.59		
1.4	QPSK	3	3	15.47	15.56	15.46		
1.4	QPSK	6	0	15.80	15.83	15.53	16.5	0
1.4	16QAM	1	0	15.77	15.74	15.69	16.5	0
1.4	16QAM	1	3	15.52	15.59	15.46		
1.4	16QAM	1	5	15.83	15.76	15.57		
1.4	16QAM	3	0	15.80	15.69	15.52		
1.4	16QAM	3	1	15.78	15.88	15.63		
1.4	16QAM	3	3	15.59	15.48	15.43		
1.4	16QAM	6	0	15.88	15.88	15.68	16.5	0
1.4	64QAM	1	0	15.70	15.70	15.60	16.5	0
1.4	64QAM	1	3	15.86	15.70	15.59		
1.4	64QAM	1	5	15.48	15.50	15.43		
1.4	64QAM	3	0	15.45	15.41	15.47		
1.4	64QAM	3	1	15.89	15.82	15.56		
1.4	64QAM	3	3	15.81	15.76	15.74		
1.4	64QAM	6	0	15.59	15.44	15.40	16.5	0
1.4	256QAM	1	0	15.76	15.79	15.61	16.5	0
1.4	256QAM	1	3	15.81	15.88	15.66		
1.4	256QAM	1	5	15.50	15.44	15.43		
1.4	256QAM	3	0	15.79	15.79	15.52		
1.4	256QAM	3	1	15.84	15.67	15.63		
1.4	256QAM	3	3	15.92	15.76	15.70		
1.4	256QAM	6	0	15.62	15.53	15.42	16.5	0

Band 5 Other PA_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	24.05	24.08	24.00	25	0
10	QPSK	1	25	24.06	24.12	24.06		
10	QPSK	1	49	24.00	24.06	24.03		
10	QPSK	25	0	22.94	23.01	22.97	24	1
10	QPSK	25	12	23.04	23.11	23.09		
10	QPSK	25	25	22.95	23.04	23.02		
10	QPSK	50	0	23.00	23.09	23.05		
10	16QAM	1	0	23.02	23.09	23.07	24	1
10	16QAM	1	25	23.07	23.16	23.11		
10	16QAM	1	49	23.02	23.12	23.08		
10	16QAM	25	0	21.90	22.02	21.96	23	2
10	16QAM	25	12	21.94	22.08	22.05		
10	16QAM	25	25	21.91	22.04	21.98		
10	16QAM	50	0	22.01	22.11	22.07		
10	64QAM	1	0	21.87	21.99	21.96	23	2
10	64QAM	1	25	21.96	22.07	22.05		
10	64QAM	1	49	21.93	22.02	22.01		
10	64QAM	25	0	20.90	21.01	20.98	22	3
10	64QAM	25	12	20.97	21.04	21.00		
10	64QAM	25	25	20.96	21.07	21.05		
10	64QAM	50	0	21.00	21.09	21.07		
10	256QAM	1	0	18.80	18.87	18.83	20	5
10	256QAM	1	25	18.84	18.93	18.88		
10	256QAM	1	49	18.85	18.92	18.91		
10	256QAM	25	0	18.92	19.01	19.00	20	5
10	256QAM	25	12	18.98	19.08	19.04		
10	256QAM	25	25	18.94	19.04	19.00		
10	256QAM	50	0	18.96	19.04	18.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.03	24.01	23.88	25	0
5	QPSK	1	12	24.03	24.01	24.01		
5	QPSK	1	24	23.96	24.05	23.95		
5	QPSK	12	0	22.92	22.90	22.88	24	1
5	QPSK	12	7	22.97	23.05	23.05		
5	QPSK	12	13	22.88	23.03	22.96		
5	QPSK	25	0	22.93	23.06	22.95		
5	16QAM	1	0	23.01	23.07	23.03	24	1
5	16QAM	1	12	23.02	23.10	23.08		
5	16QAM	1	24	22.93	23.09	23.05		
5	16QAM	12	0	21.82	21.97	21.93	23	2
5	16QAM	12	7	21.84	22.03	21.95		
5	16QAM	12	13	21.81	21.96	21.93		
5	16QAM	25	0	21.95	22.06	22.02		
5	64QAM	1	0	21.80	21.94	21.88	23	2
5	64QAM	1	12	21.90	21.97	21.98		
5	64QAM	1	24	21.87	21.97	21.91		
5	64QAM	12	0	20.84	21.00	20.92	22	3
5	64QAM	12	7	20.95	20.92	20.91		
5	64QAM	12	13	20.95	20.99	21.01		
5	64QAM	25	0	20.90	21.02	21.05		
5	256QAM	1	0	18.74	18.83	18.78	20	5
5	256QAM	1	12	18.73	18.90	18.81		
5	256QAM	1	24	18.76	18.90	18.85		
5	256QAM	12	0	18.83	18.98	18.99	20	5
5	256QAM	12	7	18.87	19.02	19.00		
5	256QAM	12	13	18.95	18.97	18.92		
5	256QAM	25	0	18.92	19.01	18.91		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	23.98	24.01	23.98	25	0
3	QPSK	1	8	24.06	24.04	24.01		
3	QPSK	1	14	23.91	24.03	24.02		
3	QPSK	8	0	22.88	22.94	22.92	24	1
3	QPSK	8	4	23.00	23.10	23.02		
3	QPSK	8	7	22.89	22.94	22.97		
3	QPSK	15	0	22.97	23.02	22.96		
3	16QAM	1	0	22.96	23.03	23.03	24	1
3	16QAM	1	8	23.04	23.12	23.09		
3	16QAM	1	14	22.96	23.05	22.98		
3	16QAM	8	0	21.84	21.94	21.88	23	2
3	16QAM	8	4	21.89	22.07	21.99		
3	16QAM	8	7	21.82	22.04	21.91		
3	16QAM	15	0	21.99	22.05	21.99		
3	64QAM	1	0	21.81	21.91	21.96	23	2
3	64QAM	1	8	21.93	22.04	21.98		
3	64QAM	1	14	21.86	21.96	21.89		
3	64QAM	8	0	20.82	20.96	20.90	22	3
3	64QAM	8	4	20.90	20.98	20.92		
3	64QAM	8	7	20.93	21.00	21.01		
3	64QAM	15	0	20.97	21.01	20.99		
3	256QAM	1	0	18.78	18.79	18.82	20	5
3	256QAM	1	8	18.83	18.89	18.79		
3	256QAM	1	14	18.77	18.82	18.90		
3	256QAM	8	0	18.86	18.90	18.93	20	5
3	256QAM	8	4	18.90	19.01	19.04		
3	256QAM	8	7	18.86	18.99	18.97		
3	256QAM	15	0	18.89	19.03	18.99		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	23.99	24.05	23.93	25	0
1.4	QPSK	1	3	24.02	24.08	24.03		
1.4	QPSK	1	5	23.88	23.98	23.99		
1.4	QPSK	3	0	23.99	24.02	23.87		
1.4	QPSK	3	1	23.98	24.07	23.96		
1.4	QPSK	3	3	23.82	23.93	23.99		
1.4	QPSK	6	0	22.94	23.05	23.00	24	1
1.4	16QAM	1	0	23.01	23.05	22.97	24	1
1.4	16QAM	1	3	23.03	23.07	23.08		
1.4	16QAM	1	5	22.96	23.06	22.96		
1.4	16QAM	3	0	22.95	23.05	22.92		
1.4	16QAM	3	1	22.96	23.00	22.97		
1.4	16QAM	3	3	22.91	23.04	22.93		
1.4	16QAM	6	0	21.98	22.04	21.99	23	2
1.4	64QAM	1	0	21.80	21.91	21.94	23	2
1.4	64QAM	1	3	21.93	22.04	22.01		
1.4	64QAM	1	5	21.87	22.02	21.98		
1.4	64QAM	3	0	21.75	21.87	21.88		
1.4	64QAM	3	1	21.86	21.94	21.93		
1.4	64QAM	3	3	21.82	21.93	21.94		
1.4	64QAM	6	0	21.01	21.09	20.99	22	3
1.4	256QAM	1	0	18.77	18.84	18.77	20	5
1.4	256QAM	1	3	18.80	18.86	18.81		
1.4	256QAM	1	5	18.79	18.81	18.79		
1.4	256QAM	3	0	18.81	18.97	18.88		
1.4	256QAM	3	1	18.94	18.99	18.98		
1.4	256QAM	3	3	18.88	18.97	19.00		
1.4	256QAM	6	0	18.89	19.00	18.90	20	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.12	21.16	21.23	22	0
10	QPSK	1	25	21.13	21.25	21.24		
10	QPSK	1	49	21.09	21.23	21.10		
10	QPSK	25	0	20.99	21.05	21.06	22	0
10	QPSK	25	12	21.02	21.20	21.19		
10	QPSK	25	25	20.96	21.08	21.16		
10	QPSK	50	0	20.93	21.16	21.06		
10	16QAM	1	0	21.09	21.14	21.16	22	0
10	16QAM	1	25	21.08	21.10	21.10		
10	16QAM	1	49	21.07	21.20	21.14		
10	16QAM	25	0	21.08	21.20	21.22	22	0
10	16QAM	25	12	21.02	21.16	21.13		
10	16QAM	25	25	21.03	21.12	21.13		
10	16QAM	50	0	21.02	21.18	21.19		
10	64QAM	1	0	21.06	21.14	21.12	22	0
10	64QAM	1	25	21.12	21.18	21.16		
10	64QAM	1	49	21.02	21.12	21.15		
10	64QAM	25	0	21.04	21.16	21.20	22	0
10	64QAM	25	12	20.98	21.23	21.22		
10	64QAM	25	25	20.99	21.12	21.11		
10	64QAM	50	0	21.07	21.23	21.14		
10	256QAM	1	0	18.87	19.17	19.04	20	2
10	256QAM	1	25	18.89	19.13	19.07		
10	256QAM	1	49	18.90	19.05	19.12		
10	256QAM	25	0	19.00	19.13	19.08	20	2
10	256QAM	25	12	19.00	19.09	19.05		
10	256QAM	25	25	18.91	19.14	19.18		
10	256QAM	50	0	18.94	19.05	19.16		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.00	21.15	21.14	22	0
5	QPSK	1	12	21.11	21.11	21.18		
5	QPSK	1	24	20.99	21.16	21.04		
5	QPSK	12	0	20.84	20.99	20.92	22	0
5	QPSK	12	7	20.89	21.08	21.17		
5	QPSK	12	13	20.90	21.00	21.13		
5	QPSK	25	0	20.81	21.15	20.97		
5	16QAM	1	0	20.96	21.03	21.03	22	0
5	16QAM	1	12	20.95	20.99	21.02		
5	16QAM	1	24	21.04	21.13	21.13		
5	16QAM	12	0	20.98	21.07	21.21	22	0
5	16QAM	12	7	20.90	21.11	21.00		
5	16QAM	12	13	20.99	21.05	20.99		
5	16QAM	25	0	20.88	21.16	21.05		
5	64QAM	1	0	20.97	21.13	20.99	22	0
5	64QAM	1	12	21.08	21.08	21.14		
5	64QAM	1	24	20.90	21.09	21.10		
5	64QAM	12	0	20.92	21.07	21.19	22	0
5	64QAM	12	7	20.88	21.10	21.11		
5	64QAM	12	13	20.86	21.00	20.99		
5	64QAM	25	0	21.03	21.18	21.13		
5	256QAM	1	0	18.85	19.11	19.00	20	2
5	256QAM	1	12	18.81	19.05	18.95		
5	256QAM	1	24	18.77	18.91	19.11		
5	256QAM	12	0	18.91	19.09	18.93	20	2
5	256QAM	12	7	18.88	19.00	18.97		
5	256QAM	12	13	18.81	19.12	19.13		
5	256QAM	25	0	18.87	18.97	19.05		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.10	21.06	21.11	22	0
3	QPSK	1	8	21.10	21.20	21.14		
3	QPSK	1	14	20.98	21.13	21.05		
3	QPSK	8	0	20.93	20.90	21.00	22	0
3	QPSK	8	4	20.89	21.11	21.13		
3	QPSK	8	7	20.81	20.95	21.03		
3	QPSK	15	0	20.85	21.01	21.04		
3	16QAM	1	0	21.05	21.09	21.09	22	0
3	16QAM	1	8	21.00	21.01	21.00		
3	16QAM	1	14	21.00	21.14	21.01		
3	16QAM	8	0	21.01	21.08	21.12	22	0
3	16QAM	8	4	20.89	21.05	21.00		
3	16QAM	8	7	21.01	21.00	21.03		
3	16QAM	15	0	20.88	21.13	21.13		
3	64QAM	1	0	20.97	21.04	21.09	22	0
3	64QAM	1	8	21.05	21.12	21.11		
3	64QAM	1	14	21.00	21.11	21.05		
3	64QAM	8	0	21.03	21.07	21.12	22	0
3	64QAM	8	4	20.96	21.19	21.18		
3	64QAM	8	7	20.98	21.08	21.03		
3	64QAM	15	0	20.99	21.12	21.10		
3	256QAM	1	0	18.77	19.15	18.96	20	2
3	256QAM	1	8	18.86	19.06	19.03		
3	256QAM	1	14	18.75	19.02	19.09		
3	256QAM	8	0	18.92	19.01	18.96	20	2
3	256QAM	8	4	18.95	19.02	18.97		
3	256QAM	8	7	18.76	19.07	19.13		
3	256QAM	15	0	18.83	18.97	19.10		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.08	21.06	21.20	22	0
1.4	QPSK	1	3	21.02	21.24	21.11		
1.4	QPSK	1	5	21.07	21.12	21.08		
1.4	QPSK	3	0	20.90	20.95	20.94		
1.4	QPSK	3	1	21.01	21.13	21.09		
1.4	QPSK	3	3	20.88	21.06	21.01		
1.4	QPSK	6	0	20.78	21.05	20.95	22	0
1.4	16QAM	1	0	20.95	21.08	21.02	22	0
1.4	16QAM	1	3	21.02	21.05	21.06		
1.4	16QAM	1	5	21.05	21.13	21.09		
1.4	16QAM	3	0	20.99	21.06	21.11		
1.4	16QAM	3	1	20.97	21.02	21.04		
1.4	16QAM	3	3	20.91	21.03	21.00		
1.4	16QAM	6	0	20.88	21.04	21.11	22	0
1.4	64QAM	1	0	20.95	21.08	20.98	22	0
1.4	64QAM	1	3	20.98	21.07	21.12		
1.4	64QAM	1	5	20.97	21.10	21.02		
1.4	64QAM	3	0	20.89	21.04	21.15		
1.4	64QAM	3	1	20.94	21.20	21.11		
1.4	64QAM	3	3	20.92	21.00	21.04		
1.4	64QAM	6	0	20.96	21.15	21.07	22	0
1.4	256QAM	1	0	18.76	19.07	19.00	20	2
1.4	256QAM	1	3	18.82	19.08	19.06		
1.4	256QAM	1	5	18.84	18.90	18.98		
1.4	256QAM	3	0	18.87	19.02	18.96		
1.4	256QAM	3	1	18.86	18.97	18.95		
1.4	256QAM	3	3	18.90	19.04	19.03		
1.4	256QAM	6	0	18.81	19.04	19.14	20	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.44	21.45	21.42	22.3	0
20	QPSK	1	49	21.53	21.58	21.55		
20	QPSK	1	99	21.36	21.43	21.42		
20	QPSK	50	0	20.38	20.46	20.46	21.3	1
20	QPSK	50	24	20.46	20.52	20.50		
20	QPSK	50	50	20.43	20.49	20.48		
20	QPSK	100	0	20.39	20.46	20.44		
20	16QAM	1	0	20.40	20.47	20.48	21.3	1
20	16QAM	1	49	20.55	20.65	20.66		
20	16QAM	1	99	20.40	20.48	20.47		
20	16QAM	50	0	19.34	19.42	19.38	20.3	2
20	16QAM	50	24	19.38	19.46	19.44		
20	16QAM	50	50	19.39	19.45	19.40		
20	16QAM	100	0	19.40	19.45	19.43		
20	64QAM	1	0	19.37	19.39	19.39	20.3	2
20	64QAM	1	49	19.52	19.55	19.54		
20	64QAM	1	99	19.36	19.38	19.36		
20	64QAM	50	0	18.30	18.38	18.33	19.3	3
20	64QAM	50	24	18.34	18.45	18.44		
20	64QAM	50	50	18.36	18.44	18.43		
20	64QAM	100	0	18.33	18.42	18.37		
20	256QAM	1	0	16.28	16.38	16.36	17.3	5
20	256QAM	1	49	16.44	16.55	16.51		
20	256QAM	1	99	16.35	16.42	16.38		
20	256QAM	50	0	16.43	16.52	16.49	17.3	5
20	256QAM	50	24	16.54	16.62	16.59		
20	256QAM	50	50	16.49	16.58	16.57		
20	256QAM	100	0	16.51	16.60	16.57		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.35	21.40	21.36	22.3	0
15	QPSK	1	37	21.50	21.55	21.56		
15	QPSK	1	74	21.35	21.43	21.36		
15	QPSK	36	0	20.35	20.40	20.37	21.3	1
15	QPSK	36	20	20.42	20.44	20.46		
15	QPSK	36	39	20.39	20.41	20.40		
15	QPSK	75	0	20.32	20.39	20.40		
15	16QAM	1	0	20.35	20.40	20.42	21.3	1
15	16QAM	1	37	20.48	20.58	20.62		
15	16QAM	1	74	20.33	20.37	20.44		
15	16QAM	36	0	19.30	19.36	19.33	20.3	2
15	16QAM	36	20	19.35	19.40	19.40		
15	16QAM	36	39	19.37	19.42	19.35		
15	16QAM	75	0	19.29	19.39	19.38		
15	64QAM	1	0	19.34	19.30	19.35	20.3	2
15	64QAM	1	37	19.44	19.51	19.52		
15	64QAM	1	74	19.32	19.32	19.31		
15	64QAM	36	0	18.24	18.36	18.31	19.3	3
15	64QAM	36	20	18.25	18.38	18.42		
15	64QAM	36	39	18.32	18.26	18.44		
15	64QAM	75	0	18.23	18.32	18.31		
15	256QAM	1	0	16.23	16.38	16.29	17.3	5
15	256QAM	1	37	16.38	16.53	16.41		
15	256QAM	1	74	16.35	16.35	16.37		
15	256QAM	36	0	16.43	16.47	16.45	17.3	5
15	256QAM	36	20	16.49	16.62	16.56		
15	256QAM	36	39	16.45	16.48	16.47		
15	256QAM	75	0	16.51	16.55	16.46		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.39	21.39	21.39	22.3	0
10	QPSK	1	25	21.53	21.51	21.51		
10	QPSK	1	49	21.28	21.33	21.39		
10	QPSK	25	0	20.36	20.35	20.40	21.3	1
10	QPSK	25	12	20.36	20.45	20.49		
10	QPSK	25	25	20.41	20.41	20.44		
10	QPSK	50	0	20.29	20.41	20.37		
10	16QAM	1	0	20.33	20.48	20.46	21.3	1
10	16QAM	1	25	20.50	20.57	20.64		
10	16QAM	1	49	20.33	20.42	20.42		
10	16QAM	25	0	19.29	19.37	19.29	20.3	2
10	16QAM	25	12	19.28	19.46	19.41		
10	16QAM	25	25	19.29	19.39	19.32		
10	16QAM	50	0	19.38	19.40	19.38		
10	64QAM	1	0	19.31	19.33	19.29	20.3	2
10	64QAM	1	25	19.48	19.48	19.46		
10	64QAM	1	49	19.26	19.35	19.29		
10	64QAM	25	0	18.25	18.39	18.24	19.3	3
10	64QAM	25	12	18.28	18.37	18.34		
10	64QAM	25	25	18.33	18.44	18.37		
10	64QAM	50	0	18.32	18.38	18.28		
10	256QAM	1	0	16.21	16.30	16.31	17.3	5
10	256QAM	1	25	16.43	16.45	16.46		
10	256QAM	1	49	16.34	16.37	16.34		
10	256QAM	25	0	16.35	16.47	16.37	17.3	5
10	256QAM	25	12	16.47	16.55	16.52		
10	256QAM	25	25	16.41	16.48	16.47		
10	256QAM	50	0	16.55	16.48	16.48		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.34	21.41	21.34	22.3	0
5	QPSK	1	12	21.47	21.52	21.49		
5	QPSK	1	24	21.31	21.42	21.32		
5	QPSK	12	0	20.34	20.35	20.41	21.3	1
5	QPSK	12	7	20.40	20.48	20.48		
5	QPSK	12	13	20.38	20.42	20.42		
5	QPSK	25	0	20.28	20.44	20.39		
5	16QAM	1	0	20.37	20.43	20.42	21.3	1
5	16QAM	1	12	20.49	20.61	20.59		
5	16QAM	1	24	20.31	20.42	20.37		
5	16QAM	12	0	19.22	19.32	19.30	20.3	2
5	16QAM	12	7	19.33	19.38	19.42		
5	16QAM	12	13	19.36	19.40	19.30		
5	16QAM	25	0	19.36	19.42	19.33		
5	64QAM	1	0	19.32	19.39	19.36	20.3	2
5	64QAM	1	12	19.45	19.49	19.50		
5	64QAM	1	24	19.31	19.32	19.28		
5	64QAM	12	0	18.24	18.30	18.28	19.3	3
5	64QAM	12	7	18.34	18.34	18.45		
5	64QAM	12	13	18.33	18.38	18.42		
5	64QAM	25	0	18.29	18.33	18.27		
5	256QAM	1	0	16.22	16.31	16.29	17.3	5
5	256QAM	1	12	16.37	16.50	16.42		
5	256QAM	1	24	16.31	16.33	16.31		
5	256QAM	12	0	16.37	16.50	16.49	17.3	5
5	256QAM	12	7	16.49	16.55	16.50		
5	256QAM	12	13	16.45	16.58	16.48		
5	256QAM	25	0	16.49	16.53	16.51		

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BW [MHz]	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	14.44	14.53	14.49	15.5	0
20	QPSK	1	49	14.48	14.58	14.57		
20	QPSK	1	99	14.38	14.46	14.47		
20	QPSK	50	0	14.38	14.51	14.29	15.5	0
20	QPSK	50	24	14.43	14.55	14.35		
20	QPSK	50	50	14.33	14.48	14.31		
20	QPSK	100	0	14.35	14.52	14.32		
20	16QAM	1	0	14.28	14.40	14.38	15.5	0
20	16QAM	1	49	14.38	14.44	14.30		
20	16QAM	1	99	14.34	14.53	14.37		
20	16QAM	50	0	14.34	14.47	14.29	15.5	0
20	16QAM	50	24	14.33	14.54	14.38		
20	16QAM	50	50	14.35	14.52	14.35		
20	16QAM	100	0	14.30	14.50	14.35		
20	64QAM	1	0	14.33	14.47	14.36	15.5	0
20	64QAM	1	49	14.34	14.41	14.35		
20	64QAM	1	99	14.39	14.43	14.29		
20	64QAM	50	0	14.40	14.50	14.42	15.5	0
20	64QAM	50	24	14.29	14.50	14.32		
20	64QAM	50	50	14.28	14.50	14.32		
20	64QAM	100	0	14.41	14.47	14.41		
20	256QAM	1	0	14.31	14.49	14.33	15.5	0
20	256QAM	1	49	14.32	14.43	14.37		
20	256QAM	1	99	14.40	14.43	14.31		
20	256QAM	50	0	14.35	14.48	14.36	15.5	0
20	256QAM	50	24	14.35	14.41	14.31		
20	256QAM	50	50	14.41	14.52	14.33		
20	256QAM	100	0	14.35	14.43	14.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.37	14.39	14.35	15.5	0
15	QPSK	1	37	14.43	14.49	14.54		
15	QPSK	1	74	14.26	14.32	14.40		
15	QPSK	36	0	14.36	14.46	14.27	15.5	0
15	QPSK	36	20	14.31	14.47	14.39		
15	QPSK	36	39	14.25	14.47	14.16		
15	QPSK	75	0	14.23	14.46	14.18		
15	16QAM	1	0	14.22	14.37	14.32	15.5	0
15	16QAM	1	37	14.33	14.39	14.21		
15	16QAM	1	74	14.31	14.43	14.24		
15	16QAM	36	0	14.22	14.38	14.25	15.5	0
15	16QAM	36	20	14.22	14.42	14.28		
15	16QAM	36	39	14.34	14.47	14.25		
15	16QAM	75	0	14.27	14.39	14.23		
15	64QAM	1	0	14.30	14.32	14.34	15.5	0
15	64QAM	1	37	14.31	14.26	14.28		
15	64QAM	1	74	14.33	14.29	14.19		
15	64QAM	36	0	14.33	14.43	14.37	15.5	0
15	64QAM	36	20	14.22	14.49	14.24		
15	64QAM	36	39	14.22	14.41	14.27		
15	64QAM	75	0	14.38	14.40	14.31		
15	256QAM	1	0	14.29	14.35	14.29	15.5	0
15	256QAM	1	37	14.31	14.37	14.30		
15	256QAM	1	74	14.25	14.34	14.23		
15	256QAM	36	0	14.30	14.38	14.25	15.5	0
15	256QAM	36	20	14.27	14.29	14.22		
15	256QAM	36	39	14.31	14.37	14.27		
15	256QAM	75	0	14.21	14.41	14.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.29	14.45	14.38	15.5	0
10	QPSK	1	25	14.43	14.49	14.44		
10	QPSK	1	49	14.27	14.37	14.42		
10	QPSK	25	0	14.29	14.37	14.22	15.5	0
10	QPSK	25	12	14.42	14.40	14.34		
10	QPSK	25	25	14.29	14.39	14.19		
10	QPSK	50	0	14.21	14.50	14.23		
10	16QAM	1	0	14.16	14.32	14.36	15.5	0
10	16QAM	1	25	14.37	14.40	14.15		
10	16QAM	1	49	14.24	14.46	14.25		
10	16QAM	25	0	14.30	14.44	14.16	15.5	0
10	16QAM	25	12	14.32	14.43	14.37		
10	16QAM	25	25	14.32	14.40	14.20		
10	16QAM	50	0	14.26	14.48	14.33		
10	64QAM	1	0	14.28	14.43	14.25	15.5	0
10	64QAM	1	25	14.30	14.32	14.33		
10	64QAM	1	49	14.30	14.32	14.14		
10	64QAM	25	0	14.37	14.47	14.34	15.5	0
10	64QAM	25	12	14.18	14.45	14.31		
10	64QAM	25	25	14.18	14.31	14.17		
10	64QAM	50	0	14.29	14.44	14.31		
10	256QAM	1	0	14.29	14.37	14.25	15.5	0
10	256QAM	1	25	14.19	14.40	14.30		
10	256QAM	1	49	14.26	14.42	14.24		
10	256QAM	25	0	14.27	14.45	14.26	15.5	0
10	256QAM	25	12	14.24	14.35	14.30		
10	256QAM	25	25	14.33	14.40	14.18		
10	256QAM	50	0	14.27	14.35	14.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.36	14.42	14.44	15.5	0
5	QPSK	1	12	14.40	14.56	14.55		
5	QPSK	1	24	14.25	14.39	14.42		
5	QPSK	12	0	14.36	14.46	14.17	15.5	0
5	QPSK	12	7	14.36	14.50	14.36		
5	QPSK	12	13	14.28	14.36	14.17		
5	QPSK	25	0	14.27	14.47	14.17		
5	16QAM	1	0	14.24	14.26	14.36	15.5	0
5	16QAM	1	12	14.27	14.35	14.15		
5	16QAM	1	24	14.32	14.45	14.36		
5	16QAM	12	0	14.22	14.41	14.28	15.5	0
5	16QAM	12	7	14.22	14.42	14.26		
5	16QAM	12	13	14.28	14.38	14.26		
5	16QAM	25	0	14.27	14.40	14.27		
5	64QAM	1	0	14.23	14.32	14.24	15.5	0
5	64QAM	1	12	14.30	14.39	14.20		
5	64QAM	1	24	14.38	14.32	14.15		
5	64QAM	12	0	14.30	14.35	14.41	15.5	0
5	64QAM	12	7	14.27	14.37	14.26		
5	64QAM	12	13	14.19	14.35	14.21		
5	64QAM	25	0	14.35	14.44	14.31		
5	256QAM	1	0	14.20	14.38	14.22	15.5	0
5	256QAM	1	12	14.23	14.37	14.32		
5	256QAM	1	24	14.29	14.42	14.17		
5	256QAM	12	0	14.30	14.36	14.30	15.5	0
5	256QAM	12	7	14.31	14.38	14.22		
5	256QAM	12	13	14.39	14.44	14.25		
5	256QAM	25	0	14.25	14.35	14.33		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.48	16.35	16.46	17.9	0
20	QPSK	1	49	16.51	16.52	16.48		
20	QPSK	1	99	16.39	16.35	16.44		
20	QPSK	50	0	16.25	16.40	16.37	17.9	0
20	QPSK	50	24	16.37	16.40	16.43		
20	QPSK	50	50	16.28	16.40	16.28		
20	QPSK	100	0	16.25	16.33	16.31		
20	16QAM	1	0	16.24	16.38	16.32	17.9	0
20	16QAM	1	49	16.27	16.42	16.29		
20	16QAM	1	99	16.34	16.34	16.41		
20	16QAM	50	0	16.25	16.33	16.40	17.9	0
20	16QAM	50	24	16.28	16.44	16.37		
20	16QAM	50	50	16.22	16.34	16.31		
20	16QAM	100	0	16.31	16.43	16.33		
20	64QAM	1	0	16.29	16.40	16.31	17.9	0
20	64QAM	1	49	16.30	16.36	16.42		
20	64QAM	1	99	16.32	16.31	16.38		
20	64QAM	50	0	16.28	16.35	16.34	17.9	0
20	64QAM	50	24	16.36	16.44	16.39		
20	64QAM	50	50	16.33	16.37	16.30		
20	64QAM	100	0	16.34	16.37	16.38		
20	256QAM	1	0	16.23	16.32	16.29	17.9	0
20	256QAM	1	49	16.26	16.37	16.33		
20	256QAM	1	99	16.23	16.43	16.29		
20	256QAM	50	0	16.24	16.35	16.42	17.9	0
20	256QAM	50	24	16.26	16.35	16.31		
20	256QAM	50	50	16.36	16.34	16.29		
20	256QAM	100	0	16.32	16.38	16.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.42	16.34	16.42	17.9	0
15	QPSK	1	37	16.42	16.41	16.43		
15	QPSK	1	74	16.26	16.29	16.36		
15	QPSK	36	0	16.14	16.36	16.30	17.9	0
15	QPSK	36	20	16.24	16.39	16.28		
15	QPSK	36	39	16.16	16.34	16.21		
15	QPSK	75	0	16.12	16.26	16.21		
15	16QAM	1	0	16.10	16.23	16.19	17.9	0
15	16QAM	1	37	16.21	16.33	16.28		
15	16QAM	1	74	16.31	16.21	16.31		
15	16QAM	36	0	16.21	16.24	16.39	17.9	0
15	16QAM	36	20	16.15	16.37	16.32		
15	16QAM	36	39	16.11	16.22	16.30		
15	16QAM	75	0	16.21	16.28	16.32		
15	64QAM	1	0	16.19	16.27	16.17	17.9	0
15	64QAM	1	37	16.29	16.35	16.35		
15	64QAM	1	74	16.23	16.23	16.29		
15	64QAM	36	0	16.18	16.33	16.19	17.9	0
15	64QAM	36	20	16.35	16.31	16.35		
15	64QAM	36	39	16.18	16.24	16.25		
15	64QAM	75	0	16.28	16.30	16.25		
15	256QAM	1	0	16.17	16.24	16.28	17.9	0
15	256QAM	1	37	16.22	16.36	16.21		
15	256QAM	1	74	16.12	16.35	16.26		
15	256QAM	36	0	16.20	16.34	16.37	17.9	0
15	256QAM	36	20	16.23	16.31	16.26		
15	256QAM	36	39	16.23	16.27	16.17		
15	256QAM	75	0	16.22	16.23	16.38		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.46	16.23	16.37	17.9	0
10	QPSK	1	25	16.48	16.42	16.41		
10	QPSK	1	49	16.30	16.30	16.30		
10	QPSK	25	0	16.17	16.29	16.30	17.9	0
10	QPSK	25	12	16.31	16.36	16.37		
10	QPSK	25	25	16.21	16.29	16.20		
10	QPSK	50	0	16.16	16.20	16.17		
10	16QAM	1	0	16.10	16.27	16.22	17.9	0
10	16QAM	1	25	16.15	16.30	16.28		
10	16QAM	1	49	16.33	16.23	16.35		
10	16QAM	25	0	16.10	16.30	16.37	17.9	0
10	16QAM	25	12	16.17	16.43	16.26		
10	16QAM	25	25	16.18	16.29	16.27		
10	16QAM	50	0	16.18	16.30	16.22		
10	64QAM	1	0	16.16	16.35	16.18	17.9	0
10	64QAM	1	25	16.19	16.21	16.38		
10	64QAM	1	49	16.17	16.30	16.36		
10	64QAM	25	0	16.19	16.29	16.31	17.9	0
10	64QAM	25	12	16.33	16.34	16.26		
10	64QAM	25	25	16.22	16.28	16.15		
10	64QAM	50	0	16.28	16.34	16.28		
10	256QAM	1	0	16.19	16.29	16.24	17.9	0
10	256QAM	1	25	16.19	16.30	16.31		
10	256QAM	1	49	16.10	16.41	16.17		
10	256QAM	25	0	16.17	16.21	16.37	17.9	0
10	256QAM	25	12	16.13	16.28	16.22		
10	256QAM	25	25	16.23	16.21	16.20		
10	256QAM	50	0	16.31	16.34	16.34		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.43	16.26	16.40	17.9	0
5	QPSK	1	12	16.37	16.43	16.43		
5	QPSK	1	24	16.34	16.24	16.43		
5	QPSK	12	0	16.12	16.27	16.29	17.9	0
5	QPSK	12	7	16.23	16.44	16.35		
5	QPSK	12	13	16.27	16.32	16.23		
5	QPSK	25	0	16.19	16.28	16.25		
5	16QAM	1	0	16.17	16.26	16.27	17.9	0
5	16QAM	1	12	16.20	16.33	16.15		
5	16QAM	1	24	16.22	16.33	16.29		
5	16QAM	12	0	16.19	16.31	16.33	17.9	0
5	16QAM	12	7	16.18	16.30	16.29		
5	16QAM	12	13	16.14	16.23	16.29		
5	16QAM	25	0	16.28	16.31	16.21	17.9	0
5	64QAM	1	0	16.18	16.29	16.25		
5	64QAM	1	12	16.22	16.35	16.35		
5	64QAM	1	24	16.26	16.23	16.34		
5	64QAM	12	0	16.15	16.23	16.23	17.9	0
5	64QAM	12	7	16.35	16.43	16.29		
5	64QAM	12	13	16.25	16.26	16.21		
5	64QAM	25	0	16.21	16.25	16.32		
5	256QAM	1	0	16.14	16.19	16.21	17.9	0
5	256QAM	1	12	16.15	16.22	16.20		
5	256QAM	1	24	16.21	16.29	16.26		
5	256QAM	12	0	16.18	16.24	16.34	17.9	0
5	256QAM	12	7	16.14	16.34	16.29		
5	256QAM	12	13	16.32	16.21	16.18		
5	256QAM	25	0	16.21	16.37	16.28		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.96	15.11	15.11	16	0
20	QPSK	1	49	15.03	15.18	15.13		
20	QPSK	1	99	14.89	14.99	15.09		
20	QPSK	50	0	14.75	15.09	15.06	16	0
20	QPSK	50	24	14.89	15.11	15.10		
20	QPSK	50	50	14.74	15.04	15.02		
20	QPSK	100	0	14.83	15.03	14.98		
20	16QAM	1	0	14.84	15.05	15.02	16	0
20	16QAM	1	49	14.74	14.96	15.06		
20	16QAM	1	99	14.83	15.00	15.05		

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BW [MHz]	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	23.62	23.31	23.61	24.5	0
10	QPSK	1	25	23.68	23.69	23.66		
10	QPSK	1	49	23.63	23.68	23.63		
10	QPSK	25	0	22.59	22.56	22.57	23.5	1
10	QPSK	25	12	22.68	22.71	22.62		
10	QPSK	25	25	22.66	22.53	22.61		
10	QPSK	50	0	22.61	22.64	22.62		
10	16QAM	1	0	22.77	22.79	22.81	23.5	1
10	16QAM	1	25	22.83	22.87	22.87		
10	16QAM	1	49	22.90	22.84	22.75		
10	16QAM	25	0	21.62	21.60	21.59	22.5	2
10	16QAM	25	12	21.66	21.65	21.65		
10	16QAM	25	25	21.72	21.56	21.63		
10	16QAM	50	0	21.63	21.56	21.59		
10	64QAM	1	0	21.65	21.65	21.65	22.5	2
10	64QAM	1	25	21.73	21.73	21.70		
10	64QAM	1	49	21.72	21.68	21.65		
10	64QAM	25	0	20.61	20.62	20.56	21.5	3
10	64QAM	25	12	20.61	20.62	20.62		
10	64QAM	25	25	20.71	20.55	20.62		
10	64QAM	50	0	20.65	20.57	20.59		
10	256QAM	1	0	18.99	19.00	18.98	19.5	5
10	256QAM	1	25	18.98	18.95	19.03		
10	256QAM	1	49	18.97	18.97	19.01		
10	256QAM	25	0	19.01	19.05	18.99	19.5	5
10	256QAM	25	12	19.02	19.02	19.05		
10	256QAM	25	25	19.04	19.05	19.01		
10	256QAM	50	0	19.01	19.02	19.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.52	23.27	23.51	24.5	0
5	QPSK	1	12	23.63	23.62	23.57		
5	QPSK	1	24	23.56	23.65	23.67		
5	QPSK	12	0	22.64	22.56	22.54	23.5	1
5	QPSK	12	7	22.72	22.67	22.57		
5	QPSK	12	13	22.66	22.44	22.65		
5	QPSK	25	0	22.57	22.64	22.61		
5	16QAM	1	0	22.78	22.75	22.83	23.5	1
5	16QAM	1	12	22.85	22.85	22.92		
5	16QAM	1	24	22.81	22.80	22.71		
5	16QAM	12	0	21.61	21.59	21.59	22.5	2
5	16QAM	12	7	21.60	21.62	21.57		
5	16QAM	12	13	21.67	21.60	21.64		
5	16QAM	25	0	21.53	21.61	21.56		
5	64QAM	1	0	21.69	21.55	21.68	22.5	2
5	64QAM	1	12	21.65	21.53	21.64		
5	64QAM	1	24	21.77	21.64	21.66		
5	64QAM	12	0	20.57	20.61	20.56	21.5	3
5	64QAM	12	7	20.66	20.61	20.60		
5	64QAM	12	13	20.64	20.56	20.60		
5	64QAM	25	0	20.60	20.50	20.57		
5	256QAM	1	0	18.92	18.95	18.94	19.5	5
5	256QAM	1	12	19.01	18.98	18.93		
5	256QAM	1	24	18.99	19.01	18.92		
5	256QAM	12	0	19.04	18.95	18.99	19.5	5
5	256QAM	12	7	19.00	19.00	19.07		
5	256QAM	12	13	19.04	19.06	18.93		
5	256QAM	25	0	19.04	19.04	18.98		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.61	23.28	23.62	24.5	0
3	QPSK	1	8	23.64	23.66	23.68		
3	QPSK	1	14	23.67	23.59	23.64		
3	QPSK	8	0	22.63	22.47	22.57	23.5	1
3	QPSK	8	4	22.62	22.65	22.53		
3	QPSK	8	7	22.71	22.55	22.51		
3	QPSK	15	0	22.62	22.57	22.63		
3	16QAM	1	0	22.73	22.82	22.76	23.5	1
3	16QAM	1	8	22.85	22.84	22.79		
3	16QAM	1	14	22.82	22.81	22.70		
3	16QAM	8	0	21.54	21.63	21.63	22.5	2
3	16QAM	8	4	21.58	21.70	21.55		
3	16QAM	8	7	21.67	21.47	21.67		
3	16QAM	15	0	21.68	21.52	21.63		
3	64QAM	1	0	21.70	21.57	21.64	22.5	2
3	64QAM	1	8	21.76	21.68	21.63		
3	64QAM	1	14	21.64	21.68	21.58		
3	64QAM	8	0	20.52	20.60	20.59	21.5	3
3	64QAM	8	4	20.55	20.62	20.60		
3	64QAM	8	7	20.64	20.52	20.60		
3	64QAM	15	0	20.64	20.57	20.60		
3	256QAM	1	0	18.90	19.03	18.88	19.5	5
3	256QAM	1	8	18.99	18.89	19.08		
3	256QAM	1	14	18.98	18.98	19.02		
3	256QAM	8	0	18.92	19.02	18.93	19.5	5
3	256QAM	8	4	18.95	18.93	18.96		
3	256QAM	8	7	19.06	18.98	19.04		
3	256QAM	15	0	19.06	19.02	19.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.57	23.22	23.52	24.5	0
1.4	QPSK	1	3	23.63	23.65	23.61		
1.4	QPSK	1	5	23.65	23.31	23.61		
1.4	QPSK	3	0	23.65	23.67	23.62		
1.4	QPSK	3	1	23.58	23.28	23.54		
1.4	QPSK	3	3	23.55	23.66	23.59		
1.4	QPSK	6	0	22.63	22.38	22.48	23.5	1
1.4	16QAM	1	0	22.68	22.72	22.47	23.5	1
1.4	16QAM	1	3	22.68	22.51	22.60		
1.4	16QAM	1	5	22.66	22.44	22.55		
1.4	16QAM	3	0	22.57	22.39	22.56		
1.4	16QAM	3	1	22.54	22.52	22.57		
1.4	16QAM	3	3	22.63	22.44	22.61		
1.4	16QAM	6	0	21.75	21.48	21.60	22.5	2
1.4	64QAM	1	0	21.66	21.47	21.67	22.5	2
1.4	64QAM	1	3	21.61	21.41	21.58		
1.4	64QAM	1	5	21.74	21.49	21.60		
1.4	64QAM	3	0	21.63	21.61	21.64		
1.4	64QAM	3	1	21.61	21.56	21.65		
1.4	64QAM	3	3	21.75	21.56	21.62		
1.4	64QAM	6	0	20.50	20.57	20.62	21.5	3
1.4	256QAM	1	0	19.07	19.02	18.80	19.5	5
1.4	256QAM	1	3	18.86	18.84	19.08		
1.4	256QAM	1	5	18.88	19.03	18.98		
1.4	256QAM	3	0	18.95	19.06	18.96		
1.4	256QAM	3	1	18.85	18.88	19.01		
1.4	256QAM	3	3	18.94	18.94	19.08		
1.4	256QAM	6	0	18.97	18.96	18.92	19.5	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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	23.79	23.68	23.83	24.5	0
10	QPSK	1	25	23.90	23.95	23.91		
10	QPSK	1	49	23.83	23.92	23.89		
10	QPSK	25	0	22.72	22.83	22.78	23.5	1
10	QPSK	25	12	22.81	22.93	22.85		
10	QPSK	25	25	22.81	22.73	22.81		
10	QPSK	50	0	22.78	22.92	22.91		
10	16QAM	1	0	22.84	22.93	23.02	23.5	1
10	16QAM	1	25	23.02	23.06	23.04		
10	16QAM	1	49	23.15	23.01	23.02		
10	16QAM	25	0	21.71	21.83	21.88	22.5	2
10	16QAM	25	12	21.83	21.86	21.89		
10	16QAM	25	25	21.86	21.73	21.96		
10	16QAM	50	0	21.77	21.80	21.89		
10	64QAM	1	0	21.92	21.95	21.98	22.5	2
10	64QAM	1	25	22.00	22.04	22.04		
10	64QAM	1	49	22.00	22.01	22.01		
10	64QAM	25	0	20.73	20.82	20.87	21.5	3
10	64QAM	25	12	20.82	20.85	20.84		
10	64QAM	25	25	20.84	20.76	20.93		
10	64QAM	50	0	20.78	20.82	20.92		
10	256QAM	1	0	19.24	19.21	19.27	19.5	5
10	256QAM	1	25	19.25	19.25	19.25		
10	256QAM	1	49	19.25	19.23	19.16		
10	256QAM	25	0	19.25	19.16	19.23	19.5	5
10	256QAM	25	12	19.28	19.20	19.27		
10	256QAM	25	25	19.21	19.19	19.25		
10	256QAM	50	0	19.17	19.17	19.19		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	23.84	23.65	23.84	24.5	0
5	QPSK	1	12	23.82	23.85	23.82		
5	QPSK	1	24	23.83	23.84	23.80		
5	QPSK	12	0	22.65	22.75	22.73	23.5	1
5	QPSK	12	7	22.77	22.98	22.87		
5	QPSK	12	13	22.71	22.66	22.77		
5	QPSK	25	0	22.73	22.86	22.85		
5	16QAM	1	0	22.80	22.88	23.02	23.5	1
5	16QAM	1	12	22.94	23.04	23.07		
5	16QAM	1	24	23.19	23.00	22.93		
5	16QAM	12	0	21.68	21.73	21.81	22.5	2
5	16QAM	12	7	21.82	21.80	21.80		
5	16QAM	12	13	21.85	21.67	21.87		
5	16QAM	25	0	21.81	21.79	21.91		
5	64QAM	1	0	21.88	21.94	21.96	22.5	2
5	64QAM	1	12	21.92	21.97	22.08		
5	64QAM	1	24	22.03	22.04	22.01		
5	64QAM	12	0	20.66	20.86	20.81	21.5	3
5	64QAM	12	7	20.87	20.79	20.79		
5	64QAM	12	13	20.85	20.67	20.93		
5	64QAM	25	0	20.81	20.84	20.96		
5	256QAM	1	0	19.21	19.17	19.27	19.5	5
5	256QAM	1	12	19.17	19.26	19.30		
5	256QAM	1	24	19.17	19.14	19.14		
5	256QAM	12	0	19.18	19.09	19.26	19.5	5
5	256QAM	12	7	19.18	19.16	19.17		
5	256QAM	12	13	19.18	19.11	19.17		
5	256QAM	25	0	19.17	19.22	19.22		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	23.79	23.67	23.73	24.5	0
3	QPSK	1	8	23.86	23.87	23.94		
3	QPSK	1	14	23.82	23.89	23.88		
3	QPSK	8	0	22.76	22.88	22.77	23.5	1
3	QPSK	8	4	22.81	22.96	22.82		
3	QPSK	8	7	22.71	22.73	22.79		
3	QPSK	15	0	22.82	22.96	22.81		
3	16QAM	1	0	22.74	22.86	23.04	23.5	1
3	16QAM	1	8	23.02	23.02	22.99		
3	16QAM	1	14	23.09	22.99	23.05		
3	16QAM	8	0	21.74	21.79	21.83	22.5	2
3	16QAM	8	4	21.83	21.82	21.87		
3	16QAM	8	7	21.80	21.75	21.93		
3	16QAM	15	0	21.75	21.81	21.91		
3	64QAM	1	0	21.88	21.93	21.95	22.5	2
3	64QAM	1	8	22.02	22.04	22.03		
3	64QAM	1	14	21.91	21.94	21.98		
3	64QAM	8	0	20.72	20.77	20.82	21.5	3
3	64QAM	8	4	20.83	20.84	20.83		
3	64QAM	8	7	20.83	20.76	20.93		
3	64QAM	15	0	20.78	20.74	20.96		
3	256QAM	1	0	19.17	19.15	19.20	19.5	5
3	256QAM	1	8	19.19	19.29	19.15		
3	256QAM	1	14	19.23	19.13	19.13		
3	256QAM	8	0	19.22	19.21	19.18	19.5	5
3	256QAM	8	4	19.32	19.10	19.20		
3	256QAM	8	7	19.18	19.14	19.16		
3	256QAM	15	0	19.09	18.94	19.23		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	23.80	23.70	23.83	24.5	0
1.4	QPSK	1	3	23.88	23.86	23.87		
1.4	QPSK	1	5	23.80	23.68	23.88		
1.4	QPSK	3	0	23.77	23.72	23.76		
1.4	QPSK	3	1	23.69	23.73	23.74		
1.4	QPSK	3	3	23.82	23.62	23.77		
1.4	QPSK	6	0	22.70	22.96	22.94	23.5	1
1.4	16QAM	1	0	22.72	22.88	22.89	23.5	1
1.4	16QAM	1	3	22.97	22.98	23.04		
1.4	16QAM	1	5	23.12	22.93	22.94		
1.4	16QAM	3	0	22.75	22.75	22.79		
1.4	16QAM	3	1	22.76	22.78	22.68		
1.4	16QAM	3	3	22.77	22.84	22.71		
1.4	16QAM	6	0	21.81	21.71	21.82	22.5	2
1.4	64QAM	1	0	21.88	21.91	21.97	22.5	2
1.4	64QAM	1	3	21.82	21.76	21.87		
1.4	64QAM	1	5	21.76	21.73	21.80		
1.4	64QAM	3	0	21.67	21.85	21.80		
1.4	64QAM	3	1	21.72	21.87	21.84		
1.4	64QAM	3	3	21.69	21.79	21.80		
1.4	64QAM	6	0	20.75	20.82	20.83	21.5	3
1.4	256QAM	1	0	19.27	19.26	19.19	19.5	5
1.4	256QAM	1	3	19.18	19.18	19.17		
1.4	256QAM	1	5	19.19	19.24	19.06		
1.4	256QAM	3	0	19.27	19.16	19.24		
1.4	256QAM	3	1	19.18	19.25	19.21		
1.4	256QAM	3	3	19.14	19.19	19.18		
1.4	256QAM	6	0	19.22	19.07	19.11	19.5	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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.02	24.05	24.01	25	0
15	QPSK	1	37	24.07	24.14	24.06		
15	QPSK	1	74	24.01	24.04	24.03		
15	QPSK	36	0	23.04	23.04	23.03	24	1
15	QPSK	36	20	23.06	23.08	23.07		
15	QPSK	36	39	23.05	23.04	23.01		
15	QPSK	75	0	22.97	23.14	23.11		
15	16QAM	1	0	22.75	23.04	22.96	24	1
15	16QAM	1	37	23.09	23.08	22.99		
15	16QAM	1	74	23.11	23.02	22.90		
15	16QAM	36	0	21.95	22.00	21.91	23	2
15	16QAM	36	20	21.99	22.02	21.96		
15	16QAM	36	39	22.00	21.97	21.89		
15	16QAM	75	0	22.00	22.03	21.94		
15	64QAM	1	0	21.92	21.95	21.98	23	2
15	64QAM	1	37	21.95	21.99	21.91		
15	64QAM	1	74	21.98	21.94	21.83		
15	64QAM	36	0	20.91	20.98	20.93	22	3
15	64QAM	36	20	20.98	21.03	20.98		
15	64QAM	36	39	20.98	20.95	20.94		
15	64QAM	75	0	21.01	21.02	21.01		
15	256QAM	1	0	18.76	18.82	18.81	20	5
15	256QAM	1	37	18.86	18.85	18.83		
15	256QAM	1	74	18.86	18.80	18.75		
15	256QAM	36	0	18.86	18.91	18.87	20	5
15	256QAM	36	20	18.91	18.96	18.93		
15	256QAM	36	39	18.82	18.91	18.90		
15	256QAM	75	0	18.85	18.99	18.94		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.84	23.87	23.85	25	0
10	QPSK	1	25	23.98	23.97	23.96		
10	QPSK	1	49	23.98	23.83	23.89		
10	QPSK	25	0	22.91	22.88	22.87	24	1
10	QPSK	25	12	22.91	22.94	22.94		
10	QPSK	25	25	22.96	22.90	22.87		
10	QPSK	50	0	23.00	23.01	22.97		
10	16QAM	1	0	22.70	22.98	22.92	24	1
10	16QAM	1	25	23.02	23.03	22.91		
10	16QAM	1	49	23.03	23.00	22.80		
10	16QAM	25	0	21.87	21.96	21.87	23	2
10	16QAM	25	12	21.95	21.90	21.90		
10	16QAM	25	25	22.01	21.91	21.83		
10	16QAM	50	0	21.89	21.96	21.86		
10	64QAM	1	0	21.85	21.91	21.85	23	2
10	64QAM	1	25	21.90	21.94	21.83		
10	64QAM	1	49	21.86	21.91	21.78		
10	64QAM	25	0	20.91	20.94	20.92	22	3
10	64QAM	25	12	20.92	21.01	20.92		
10	64QAM	25	25	20.89	20.94	20.84		
10	64QAM	50	0	20.92	20.98	20.90		
10	256QAM	1	0	18.73	18.80	18.76	20	5
10	256QAM	1	25	18.81	18.75	18.79		
10	256QAM	1	49	18.77	18.80	18.73		
10	256QAM	25	0	18.81	18.86	18.84	20	5
10	256QAM	25	12	18.89	18.95	18.88		
10	256QAM	25	25	18.79	18.81	18.83		
10	256QAM	50	0	18.86	18.96	18.82		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.81	23.89	23.89	25	0
5	QPSK	1	12	23.99	23.96	23.90		
5	QPSK	1	24	23.94	23.84	23.88		
5	QPSK	12	0	22.94	22.94	22.86	24	1
5	QPSK	12	7	22.94	22.86	22.90		
5	QPSK	12	13	22.91	22.91	22.86		
5	QPSK	25	0	22.90	22.99	22.95		
5	16QAM	1	0	22.89	23.01	22.93	24	1
5	16QAM	1	12	23.04	23.06	22.92		
5	16QAM	1	24	23.08	22.94	22.85		
5	16QAM	12	0	21.80	21.91	21.87	23	2
5	16QAM	12	7	21.89	21.98	21.88		
5	16QAM	12	13	21.94	21.95	21.84		
5	16QAM	25	0	21.87	21.98	21.87		
5	64QAM	1	0	21.89	21.92	21.80	23	2
5	64QAM	1	12	21.83	21.97	21.84		
5	64QAM	1	24	21.91	21.91	21.71		
5	64QAM	12	0	20.90	20.92	20.90	22	3
5	64QAM	12	7	20.92	20.94	20.97		
5	64QAM	12	13	20.95	20.89	20.87		
5	64QAM	25	0	20.94	20.95	20.97		
5	256QAM	1	0	18.75	18.70	18.80	20	5
5	256QAM	1	12	18.79	18.77	18.73		
5	256QAM	1	24	18.77	18.70	18.84		
5	256QAM	12	0	18.87	18.89	18.82	20	5
5	256QAM	12	7	18.81	18.86	18.91		
5	256QAM	12	13	18.77	18.81	18.86		
5	256QAM	25	0	18.90	18.94	18.86		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.90	23.91	23.87	25	0
3	QPSK	1	8	23.96	23.91	23.93		
3	QPSK	1	14	23.95	23.85	23.88		
3	QPSK	8	0	22.80	22.88	22.87	24	1
3	QPSK	8	4	22.93	22.96	22.95		
3	QPSK	8	7	22.93	22.93	22.89		
3	QPSK	15	0	22.90	22.95	22.93		
3	16QAM	1	0	22.99	22.99	22.95	24	1
3	16QAM	1	8	23.03	23.02	22.90		
3	16QAM	1	14	23.05	23.01	22.81		
3	16QAM	8	0	21.96	21.99	21.97	23	2
3	16QAM	8	4	21.90	21.97	21.91		
3	16QAM	8	7	21.94	21.88	21.85		
3	16QAM	15	0	22.01	22.02	21.87		
3	64QAM	1	0	21.88	21.92	21.86	23	2
3	64QAM	1	8	21.92	21.97	21.88		
3	64QAM	1	14	21.94	21.91	21.80		
3	64QAM	8	0	20.90	20.92	20.84	22	3
3	64QAM	8	4	20.88	20.97	20.94		
3	64QAM	8	7	20.89	20.89	20.88		
3	64QAM	15	0	21.00	21.00	20.98		
3	256QAM	1	0	18.73	18.77	18.72	20	5
3	256QAM	1	8	18.78	18.76	18.81		
3	256QAM	1	14	18.81	18.73	18.75		
3	256QAM	8	0	18.82	18.86	18.76	20	5
3	256QAM	8	4	18.83	18.89	18.85		
3	256QAM	8	7	18.75	18.88	18.81		
3	256QAM	15	0	18.87	18.99	18.86		
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	23.90	23.86	25	0
1.4	QPSK	1	3	24.01	23.89	23.86		
1.4	QPSK	1	5	23.97	23.85	23.84		
1.4	QPSK	3	0	23.84	23.87	23.78		
1.4	QPSK	3	1	23.96	23.85	23.77		
1.4	QPSK	3	3	23.93	23.80	23.79		
1.4	QPSK	6	0	22.84	22.95	22.89	24	1
1.4	16QAM	1	0	22.70	23.02	22.88	24	1
1.4	16QAM	1	3	22.99	22.97	22.97		
1.4	16QAM	1	5	23.10	22.95	22.84		
1.4	16QAM	3	0	22.64	22.98	22.

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	21.50	21.61	21.58	22.3	0
20	QPSK	1	49	21.60	21.70	21.68		
20	QPSK	1	99	21.46	21.56	21.54		
20	QPSK	50	0	20.51	20.62	20.60	21.3	1
20	QPSK	50	24	20.62	20.72	20.67		
20	QPSK	50	50	20.61	20.67	20.65		
20	QPSK	100	0	20.63	20.66	20.62		
20	16QAM	1	0	20.69	20.70	20.68		
20	16QAM	1	49	20.80	20.83	20.81	21.3	1
20	16QAM	1	99	20.71	20.73	20.71		
20	16QAM	50	0	19.59	19.63	19.58		
20	16QAM	50	24	19.63	19.66	19.59	20.3	2
20	16QAM	50	50	19.64	19.68	19.62		
20	16QAM	100	0	19.60	19.65	19.62		
20	64QAM	1	0	19.65	19.71	19.69		
20	64QAM	1	49	19.63	19.70	19.67	20.3	2
20	64QAM	1	99	19.58	19.68	19.62		
20	64QAM	50	0	18.53	18.63	18.60		
20	64QAM	50	24	18.60	18.70	18.65	19.3	3
20	64QAM	50	50	18.59	18.66	18.62		
20	64QAM	100	0	18.58	18.65	18.61		
20	256QAM	1	0	16.38	16.47	16.44		
20	256QAM	1	49	16.48	16.56	16.55	17.3	5
20	256QAM	1	99	16.40	16.48	16.43		
20	256QAM	50	0	16.41	16.61	16.58		
20	256QAM	50	24	16.55	16.63	16.62	17.3	5
20	256QAM	50	50	16.51	16.61	16.56		
20	256QAM	100	0	16.50	16.58	16.56		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.41	21.56	21.50	22.3	0
15	QPSK	1	37	21.51	21.67	21.68		
15	QPSK	1	74	21.39	21.48	21.51		
15	QPSK	36	0	20.47	20.55	20.49	21.3	1
15	QPSK	36	20	20.52	20.64	20.65		
15	QPSK	36	39	20.54	20.60	20.61		
15	QPSK	75	0	20.60	20.60	20.57		
15	16QAM	1	0	20.68	20.68	20.60		
15	16QAM	1	37	20.70	20.73	20.78	21.3	1
15	16QAM	1	74	20.63	20.65	20.63		
15	16QAM	36	0	19.57	19.53	19.56		
15	16QAM	36	20	19.61	19.66	19.60	20.3	2
15	16QAM	36	39	19.55	19.62	19.58		
15	16QAM	75	0	19.58	19.62	19.50		
15	64QAM	1	0	19.54	19.66	19.58		
15	64QAM	1	37	19.58	19.63	19.65	20.3	2
15	64QAM	1	74	19.56	19.61	19.57		
15	64QAM	36	0	18.52	18.57	18.51		
15	64QAM	36	20	18.52	18.65	18.60	19.3	3
15	64QAM	36	39	18.56	18.62	18.55		
15	64QAM	75	0	18.51	18.63	18.61		
15	256QAM	1	0	16.36	16.40	16.37		
15	256QAM	1	37	16.40	16.48	16.46	17.3	5
15	256QAM	1	74	16.36	16.42	16.42		
15	256QAM	36	0	16.47	16.57	16.58		
15	256QAM	36	20	16.49	16.58	16.54	17.3	5
15	256QAM	36	39	16.46	16.51	16.49		
15	256QAM	75	0	16.44	16.50	16.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.40	21.55	21.53	22.3	0
10	QPSK	1	25	21.52	21.64	21.65		
10	QPSK	1	49	21.39	21.56	21.51		
10	QPSK	25	0	20.46	20.52	20.58	21.3	1
10	QPSK	25	12	20.60	20.69	20.57		
10	QPSK	25	25	20.56	20.68	20.64		
10	QPSK	50	0	20.53	20.56	20.61		
10	16QAM	1	0	20.63	20.69	20.63		
10	16QAM	1	25	20.77	20.76	20.75	21.3	1
10	16QAM	1	49	20.65	20.70	20.68		
10	16QAM	25	0	19.54	19.58	19.53		
10	16QAM	25	12	19.64	19.60	19.58	20.3	2
10	16QAM	25	25	19.62	19.58	19.61		
10	16QAM	50	0	19.53	19.55	19.57		
10	64QAM	1	0	19.63	19.61	19.59		
10	64QAM	1	25	19.60	19.60	19.66	20.3	2
10	64QAM	1	49	19.55	19.60	19.50		
10	64QAM	25	0	18.46	18.58	18.57		
10	64QAM	25	12	18.49	18.71	18.60	19.3	3
10	64QAM	25	25	18.51	18.61	18.59		
10	64QAM	50	0	18.55	18.57	18.59		
10	256QAM	1	0	16.33	16.35	16.37		
10	256QAM	1	25	16.44	16.48	16.45	17.3	5
10	256QAM	1	49	16.37	16.45	16.35		
10	256QAM	25	0	16.47	16.51	16.52		
10	256QAM	25	12	16.52	16.57	16.61	17.3	5
10	256QAM	25	25	16.48	16.60	16.52		
10	256QAM	50	0	16.47	16.52	16.47		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.46	21.59	21.48	22.3	0
5	QPSK	1	12	21.54	21.64	21.61		
5	QPSK	1	24	21.45	21.53	21.42		
5	QPSK	12	0	20.41	20.57	20.53	21.3	1
5	QPSK	12	7	20.56	20.61	20.67		
5	QPSK	12	13	20.55	20.57	20.61		
5	QPSK	25	0	20.59	20.60	20.56		
5	16QAM	1	0	20.67	20.74	20.62		
5	16QAM	1	12	20.76	20.74	20.76	21.3	1
5	16QAM	1	24	20.59	20.67	20.66		
5	16QAM	12	0	19.52	19.56	19.58		
5	16QAM	12	7	19.59	19.55	19.55	20.3	2
5	16QAM	12	13	19.52	19.67	19.56		
5	16QAM	25	0	19.54	19.61	19.55		
5	64QAM	1	0	19.57	19.65	19.66		
5	64QAM	1	12	19.55	19.59	19.60	20.3	2
5	64QAM	1	24	19.59	19.61	19.54		
5	64QAM	12	0	18.42	18.53	18.59		
5	64QAM	12	7	18.52	18.61	18.61	19.3	3
5	64QAM	12	13	18.60	18.63	18.59		
5	64QAM	25	0	18.51	18.60	18.55		
5	256QAM	1	0	16.38	16.38	16.41		
5	256QAM	1	12	16.45	16.51	16.49	17.3	5
5	256QAM	1	24	16.38	16.45	16.41		
5	256QAM	12	0	16.41	16.51	16.52		
5	256QAM	12	7	16.56	16.61	16.62	17.3	5
5	256QAM	12	13	16.49	16.51	16.45		
5	256QAM	25	0	16.46	16.46	16.50		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.44	21.60	21.52	22.3	0
3	QPSK	1	8	21.49	21.68	21.62		
3	QPSK	1	14	21.38	21.54	21.49		
3	QPSK	8	0	20.47	20.59	20.53	21.3	1
3	QPSK	8	4	20.56	20.70	20.56		
3	QPSK	8	7	20.58	20.56	20.60		
3	QPSK	15	0	20.56	20.59	20.51		
3	16QAM	1	0	20.64	20.63	20.65		
3	16QAM	1	8	20.75	20.78	20.75	21.3	1
3	16QAM	1	14	20.66	20.68	20.62		
3	16QAM	8	0	19.55	19.57	19.55		
3	16QAM	8	4	19.59	19.62	19.49	20.3	2
3	16QAM	8	7	19.56	19.63	19.50		
3	16QAM	15	0	19.53	19.57	19.55		
3	64QAM	1	0	19.63	19.61	19.65		
3	64QAM	1	8	19.53	19.64	19.66	20.3	2
3	64QAM	1	14	19.56	19.62	19.53		
3	64QAM	8	0	18.47	18.58	18.55		
3	64QAM	8	4	18.51	18.67	18.61	19.3	3
3	64QAM	8	7	18.51	18.58	18.55		
3	64QAM	15	0	18.52	18.60	18.51		
3	256QAM	1	0	16.38	16.40	16.42		
3	256QAM	1	8	16.47	16.51	16.49	17.3	5
3	256QAM	1	14	16.39	16.39	16.39		
3	256QAM	8	0	16.47	16.54	16.58		
3	256QAM	8	4	16.46	16.57	16.57	17.3	5
3	256QAM	8	7	16.45	16.58	16.54		
3	256QAM	15	0	16.41	16.52	16.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.47	21.56	21.53	22.3	0
1.4	QPSK	1	3	21.56	21.62	21.62		
1.4	QPSK	1	5	21.35	21.52	21.48		
1.4	QPSK	3	0	21.44	21.55	21.45		
1.4	QPSK	3	1	21.53	21.59	21.51		
1.4	QPSK	3	3	21.33	21.52	21.37		
1.4	QPSK	6	0	20.57	20.63	20.51	21.3	1
1.4	16QAM	1	0	20.68	20.70	20.61	21.3	1
1.4	16QAM	1	3	20.78	20.76	20.71		
1.4	16QAM	1	5	20.68	20.70	20.63		
1.4	16QAM	3	0	20.61	20.67	20.53		
1.4	16QAM	3	1	20.78	20.72	20.64		
1.4	16QAM	3	3	20.62	20.61	20.52		
1.4	16QAM	6	0	19.56	19.64	19.58	20.3	2
1.4	64QAM	1	0	19.67	19.62	19.64	20.3	2
1.4	64QAM	1	3	19.53	19.58	19.55		
1.4	64QAM	1	5	19.57	19.66	19.55		
1.4	64QAM	3	0	19.47	19.56	19.50		
1.4	64QAM	3	1	19.53	19.47	19.51		
1.4	64QAM	3	3	19.49	19.62	19.44		
1.4	64QAM	6	0	18.53	18.59	18.56	19.3	3
1.4	256QAM	1	0	16.33	16.47	16.38	17.3	5
1.4	256QAM	1	3	16.38	16.48	16.50		
1.4	256QAM	1	5	16.35	16.38	16.34		
1.4	256QAM	3	0	16.47	16.50	16.59		
1.4	256QAM	3	1	16.55	16.57	16.51		
1.4	256QAM	3	3	16.50	16.55	16.53		
1.4	256QAM	6	0	16.44	16.56	16.55	17.3	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	14.95	15.35	15.13	16.8	0
20	QPSK	1	49	15.09	15.37	15.26		
20	QPSK	1	99	15.03	15.36	15.11		
20	QPSK	50	0	14.94	15.17	14.98	16.8	0
20	QPSK	50	24	15.04	15.22	15.12		
20	QPSK	50	50	14.90	15.14	15.00		
20	QPSK	100	0	14.94	15.21	15.05		
20	16QAM	1	0	14.93	15.13	15.07	16.8	0
20	16QAM	1	49	14.97	15.21	15.04		
20	16QAM	1	99	14.95	15.21	15.06		
20	16QAM	50	0	14.93	15.07	14.97	16.8	0
20	16QAM	50	24	14.92	15.19	15.11		
20	16QAM	50	50	15.00	15.18	15.09		
20	16QAM	100	0	14.94	15.10	14.98		
20	64QAM	1	0	14.94	15.12	15.02	16.8	0
20	64QAM	1	49	14.91	15.09	14.97		
20	64QAM	1	99	14.95	15.07	15.04		
20	64QAM	50	0	14.97	15.14	15.11	16.8	0
20	64QAM	50	24	14.95	15.18	15.08		
20	64QAM	50	50	14.90	15.15	15.09		
20	64QAM	100	0	14.95	15.12	15.07		
20	256QAM	1	0	14.95	15.09	15.09	16.8	0
20	256QAM	1	49	14.95	15.07	15.06		
20	256QAM	1	99	14.95	15.17	15.11		
20	256QAM	50	0	14.86	15.08	15.01	16.8	0
20	256QAM	50	24	14.91	15.20	15.06		
20	256QAM	50	50	14.89	15.12	14.98		
20	256QAM	100	0	14.97	15.10	15.09		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	14.85	15.24	15.01	16.8	0
15	QPSK	1	37	15.02	15.26	15.17		
15	QPSK	1	74	14.96	15.27	14.96		
15	QPSK	36	0	14.96	15.10	14.83	16.8	0
15	QPSK	36	20	15.00	15.15	15.02		
15	QPSK	36	39	14.80	15.13	14.95		
15	QPSK	75	0	14.82	15.14	15.01		
15	16QAM	1	0	14.86	15.08	14.96	16.8	0
15	16QAM	1	37	14.88	15.10	14.91		
15	16QAM	1	74	14.90	15.14	14.99		
15	16QAM	36	0	14.80	15.01	14.90	16.8	0
15	16QAM	36	20	14.81	15.06	15.06		
15	16QAM	36	39	14.98	15.08	15.00		
15	16QAM	75	0	14.86	15.06	14.96		
15	64QAM	1	0	14.89	15.04	14.92	16.8	0
15	64QAM	1	37	14.88	15.03	14.86		
15	64QAM	1	74	14.94	14.97	14.93		
15	64QAM	36	0	14.96	15.08	15.03	16.8	0
15	64QAM	36	20	14.90	15.09	14.95		
15	64QAM	36	39	14.89	15.03	15.04		
15	64QAM	75	0	14.85	15.09	14.92		
15	256QAM	1	0	14.91	14.97	15.03	16.8	0
15	256QAM	1	37	14.94	15.02	15.04		
15	256QAM	1	74	14.89	15.12	15.07		
15	256QAM	36	0	14.90	15.04	14.88	16.8	0
15	256QAM	36	20	14.85	15.14	15.02		
15	256QAM	36	39	14.83	14.97	14.93		
15	256QAM	75	0	14.92	15.09	14.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	14.92	15.34	15.00	16.8	0
10	QPSK	1	25	15.06	15.28	15.20		
10	QPSK	1	49	15.02	15.23	15.08		
10	QPSK	25	0	14.85	15.07	14.86	16.8	0
10	QPSK	25	12	14.93	15.07	15.08		
10	QPSK	25	25	14.87	15.10	14.88		
10	QPSK	50	0	14.89	15.19	14.94		
10	16QAM	1	0	14.89	15.01	15.06	16.8	0
10	16QAM	1	25	14.92	15.07	14.91		
10	16QAM	1	49	14.90	15.09	15.00		
10	16QAM	25	0	14.88	14.95	14.83	16.8	0
10	16QAM	25	12	14.81	15.06	15.01		
10	16QAM	25	25	14.95	15.13	15.01		
10	16QAM	50	0	14.90	15.09	14.86		
10	64QAM	1	0	14.92	15.02	14.89	16.8	0
10	64QAM	1	25	14.90	14.98	14.85		
10	64QAM	1	49	14.88	14.94	14.99		
10	64QAM	25	0	14.90	15.04	15.04	16.8	0
10	64QAM	25	12	14.86	15.05	15.05		
10	64QAM	25	25	14.81	15.07	15.08		
10	64QAM	50	0	14.96	15.01	15.00		
10	256QAM	1	0	14.80	14.97	15.02	16.8	0
10	256QAM	1	25	14.87	14.93	15.00		
10	256QAM	1	49	14.87	15.13	15.06		
10	256QAM	25	0	14.94	15.00	14.97	16.8	0
10	256QAM	25	12	14.88	15.17	14.97		
10	256QAM	25	25	14.81	15.06	14.88		
10	256QAM	50	0	14.93	15.02	14.97		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	14.90	15.30	15.09	16.8	0
5	QPSK	1	12	14.98	15.26	15.13		
5	QPSK	1	24	15.02	15.26	15.07		
5	QPSK	12	0	14.85	15.16	14.89	16.8	0
5	QPSK	12	7	14.92	15.11	15.10		
5	QPSK	12	13	14.86	15.06	14.89		
5	QPSK	25	0	14.84	15.16	14.91	16.8	0
5	16QAM	1	0	14.83	15.08	14.92		
5	16QAM	1	12	14.95	15.10	14.98		
5	16QAM	1	24	14.80	15.19	14.93		
5	16QAM	12	0	14.85	14.98	14.84	16.8	0
5	16QAM	12	7	14.87	15.10	15.10		
5	16QAM	12	13	14.87	15.05	15.05		
5	16QAM	25	0	14.85	14.97	14.96	16.8	0
5	64QAM	1	0	14.89	15.08	14.88		
5	64QAM	1	12	14.80	15.02	14.84		
5	64QAM	1	24	14.92	15.02	14.94		
5	64QAM	12	0	14.85	15.05	15.10	16.8	0
5	64QAM	12	7	14.88	15.11	15.01		
5	64QAM	12	13	14.86	15.04	14.99		
5	64QAM	25	0	14.89	15.05	14.99		
5	256QAM	1	0	14.88	14.95	14.97	16.8	0
5	256QAM	1	12	14.94	14.96	14.95		
5	256QAM	1	24	14.83	15.05	14.98		
5	256QAM	12	0	14.82	14.94	14.97	16.8	0
5	256QAM	12	7	14.89	15.05	14.95		
5	256QAM	12	13	14.83	15.08	14.83		
5	256QAM	25	0	14.88	14.99	15.07	16.8	0
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	14.93	15.33	15.03	16.8	0
3	QPSK	1	8	15.02	15.30	15.22		
3	QPSK	1	14	14.91	15.30	15.04		
3	QPSK	8	0	14.88	15.03	14.93	16.8	0
3	QPSK	8	4	15.00	15.10	15.00		
3	QPSK	8	7	14.87	15.06	14.95		
3	QPSK	15	0	14.86	15.20	15.04		
3	16QAM	1	0	14.88	15.08	15.02	16.8	0
3	16QAM	1	8	14.90	15.14	14.92		
3	16QAM	1	14	14.81	15.13	14.91		
3	16QAM	8	0	14.87	15.03	14.87	16.8	0
3	16QAM	8	4	14.82	15.07	15.03		
3	16QAM	8	7	14.92	15.16	14.95		
3	16QAM	15	0	14.86	15.06	14.85		
3	64QAM	1	0	14.92	15.06	14.94	16.8	0
3	64QAM	1	8	14.85	15.01	14.87		
3	64QAM	1	14	14.80	14.98	15.00		
3	64QAM	8	0	14.93	15.04	14.97	16.8	0
3	64QAM	8	4	14.88	15.03	15.01		
3	64QAM	8	7	14.84	15.00	15.05		
3	64QAM	15	0	14.86	14.97	15.00		
3	256QAM	1	0	14.81	15.00	15.02	16.8	0
3	256QAM	1	8	14.92	14.92	15.04		
3	256QAM	1	14	14.86	15.14	15.06		
3	256QAM	8	0	14.90	15.04	14.98	16.8	0
3	256QAM	8	4	14.86	15.06	15.05		
3	256QAM	8	7	14.81	15.04	14.94		
3	256QAM	15	0	14.92	15.04	14.92	16.8	0
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	14.88	15.21	15.05	16.8	0
1.4	QPSK	1	3	15.07	15.27	15.13		
1.4	QPSK	1	5	14.98	15.32	14.96		
1.4	QPSK	3	0	14.90	15.12	14.86		
1.4	QPSK	3	1	14.95	15.15	14.98		
1.4	QPSK	3	3	14.83	15.05	14.91		
1.4	QPSK	6	0	14.90	15.07	14.90	16.8	0
1.4	16QAM	1	0	14.91	15.04	14.94	16.8	0
1.4	16QAM	1	3	14.86	15.17	14.92		
1.4	16QAM	1	5	14.86	15.15	14.91		
1.4	16QAM	3	0	14.90	15.06	14.91		
1.4	16QAM	3	1	14.80	15.09	15.00		
1.4	16QAM	3	3	14.86	15.06	14.94		
1.4	16QAM	6	0	14.91	15.09	14.92	16.8	0
1.4	64QAM	1	0	14.87	15.01	15.00	16.8	0
1.4	64QAM	1	3	14.86	15.06	14.87		
1.4	64QAM	1	5	14.86	14.95	14.92		
1.4	64QAM	3	0	14.92	15.10	14.97		
1.4	64QAM	3	1	14.90	15.06	14.98		
1.4	64QAM	3	3	14.87	15.14	14.98		
1.4	64QAM	6	0	14.86	15.05	14.95	16.8	0
1.4	256QAM	1	0	14.91	15.01	15.08	16.8	0
1.4	256QAM	1	3	14.84	14.96	14.95		
1.4	256QAM	1	5	14.80	15.06	14.99		
1.4	256QAM	3	0	14.85	14.96	15.00		
1.4	256QAM	3	1	14.88	15.06	14.97		
1.4	256QAM	3	3	14.88	15.00	14.88		
1.4	256QAM	6	0	14.96	15.04	15.00	16.8	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	17.79	17.91	17.83	19.4	0
20	QPSK	1	49	17.91	17.97	17.95		
20	QPSK	1	99	17.90	17.85	17.83		
20	QPSK	50	0	17.80	17.84	17.82	19.4	0
20	QPSK	50	24	17.92	17.90	17.88		
20	QPSK	50	50	17.79	17.83	17.88		
20	QPSK	100	0	17.86	17.92	17.88		
20	16QAM	1	0	17.90	17.91	17.80	19.4	0
20	16QAM	1	49	17.82	17.94	17.92		
20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.28	21.32	21.24	22.3	0
20	QPSK	1	49	21.36	21.38	21.31		
20	QPSK	1	99	21.23	21.24	21.15		
20	QPSK	50	0	20.30	20.33	20.26	21.3	1
20	QPSK	50	24	20.31	20.36	20.27		
20	QPSK	50	50	20.22	20.28	20.17		
20	QPSK	100	0	20.26	20.31	20.18		
20	16QAM	1	0	20.23	20.30	20.19	21.3	1
20	16QAM	1	49	20.34	20.42	20.32		
20	16QAM	1	99	20.23	20.29	20.22		
20	16QAM	50	0	19.23	19.28	19.19	20.3	2
20	16QAM	50	24	19.24	19.30	19.24		
20	16QAM	50	50	19.19	19.25	19.20		
20	16QAM	100	0	19.22	19.28	19.26		
20	64QAM	1	0	19.21	19.26	19.26	20.3	2
20	64QAM	1	49	19.27	19.35	19.38		
20	64QAM	1	99	19.08	19.18	19.19		
20	64QAM	50	0	18.16	18.24	18.23	19.3	3
20	64QAM	50	24	18.21	18.28	18.27		
20	64QAM	50	50	18.14	18.23	18.21		
20	64QAM	100	0	18.16	18.23	18.22		
20	256QAM	1	0	16.15	16.23	16.19	17.3	5
20	256QAM	1	49	16.28	16.35	16.32		
20	256QAM	1	99	16.15	16.23	16.21		
20	256QAM	50	0	16.25	16.35	16.34	17.3	5
20	256QAM	50	24	16.34	16.45	16.42		
20	256QAM	50	50	16.33	16.41	16.36		
20	256QAM	100	0	16.30	16.37	16.36		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.28	21.31	21.19	22.3	0
15	QPSK	1	37	21.34	21.31	21.21		
15	QPSK	1	74	21.15	21.15	21.10		
15	QPSK	36	0	20.24	20.29	20.17	21.3	1
15	QPSK	36	20	20.29	20.26	20.22		
15	QPSK	36	39	20.16	20.24	20.17		
15	QPSK	75	0	20.20	20.26	20.13		
15	16QAM	1	0	20.21	20.21	20.17	21.3	1
15	16QAM	1	37	20.31	20.34	20.27		
15	16QAM	1	74	20.12	20.21	20.19		
15	16QAM	36	0	19.21	19.27	19.20	20.3	2
15	16QAM	36	20	19.17	19.27	19.17		
15	16QAM	36	39	19.15	19.16	19.16		
15	16QAM	75	0	19.18	19.17	19.17		
15	64QAM	1	0	19.09	19.18	19.21	20.3	2
15	64QAM	1	37	19.19	19.28	19.27		
15	64QAM	1	74	19.01	19.15	19.11		
15	64QAM	36	0	18.13	18.12	18.22	19.3	3
15	64QAM	36	20	18.12	18.21	18.20		
15	64QAM	36	39	18.07	18.22	18.15		
15	64QAM	75	0	18.14	18.18	18.20		
15	256QAM	1	0	16.13	16.17	16.19	17.3	5
15	256QAM	1	37	16.26	16.36	16.32		
15	256QAM	1	74	16.06	16.20	16.16		
15	256QAM	36	0	16.26	16.32	16.34	17.3	5
15	256QAM	36	20	16.29	16.41	16.37		
15	256QAM	36	39	16.29	16.39	16.35		
15	256QAM	75	0	16.25	16.32	16.34		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.20	21.27	21.12	22.3	0
10	QPSK	1	25	21.31	21.32	21.27		
10	QPSK	1	49	21.13	21.18	21.05		
10	QPSK	25	0	20.24	20.30	20.22	21.3	1
10	QPSK	25	12	20.31	20.34	20.28		
10	QPSK	25	25	20.15	20.26	20.09		
10	QPSK	50	0	20.23	20.31	20.13		
10	16QAM	1	0	20.19	20.24	20.10	21.3	1
10	16QAM	1	25	20.26	20.39	20.27		
10	16QAM	1	49	20.21	20.25	20.14		
10	16QAM	25	0	19.16	19.26	19.10	20.3	2
10	16QAM	25	12	19.16	19.25	19.22		
10	16QAM	25	25	19.10	19.22	19.21		
10	16QAM	50	0	19.13	19.23	19.16		
10	64QAM	1	0	19.18	19.18	19.21	20.3	2
10	64QAM	1	25	19.24	19.30	19.29		
10	64QAM	1	49	19.06	19.16	19.14		
10	64QAM	25	0	18.14	18.18	18.23	19.3	3
10	64QAM	25	12	18.14	18.21	18.16		
10	64QAM	25	25	18.04	18.17	18.18		
10	64QAM	50	0	18.08	18.20	18.20		
10	256QAM	1	0	16.07	16.22	16.14	17.3	5
10	256QAM	1	25	16.18	16.34	16.25		
10	256QAM	1	49	16.09	16.15	16.10		
10	256QAM	25	0	16.14	16.27	16.23	17.3	5
10	256QAM	25	12	16.23	16.44	16.30		
10	256QAM	25	25	16.28	16.35	16.29		
10	256QAM	50	0	16.22	16.29	16.24		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.25	21.24	21.14	22.3	0
5	QPSK	1	12	21.25	21.36	21.29		
5	QPSK	1	24	21.16	21.13	21.12		
5	QPSK	12	0	20.27	20.32	20.19	21.3	1
5	QPSK	12	7	20.24	20.32	20.17		
5	QPSK	12	13	20.22	20.19	20.16		
5	QPSK	25	0	20.17	20.27	20.11		
5	16QAM	1	0	20.15	20.25	20.15	21.3	1
5	16QAM	1	12	20.26	20.36	20.27		
5	16QAM	1	24	20.16	20.27	20.19		
5	16QAM	12	0	19.20	19.25	19.19	20.3	2
5	16QAM	12	7	19.17	19.18	19.19		
5	16QAM	12	13	19.07	19.22	19.18		
5	16QAM	25	0	19.18	19.19	19.17		
5	64QAM	1	0	19.13	19.18	19.14	20.3	2
5	64QAM	1	12	19.23	19.36	19.32		
5	64QAM	1	24	19.03	19.13	19.18		
5	64QAM	12	0	18.13	18.14	18.20	19.3	3
5	64QAM	12	7	18.11	18.22	18.17		
5	64QAM	12	13	18.04	18.18	18.18		
5	64QAM	25	0	18.06	18.16	18.16		
5	256QAM	1	0	16.07	16.18	16.09	17.3	5
5	256QAM	1	12	16.23	16.30	16.30		
5	256QAM	1	24	16.15	16.17	16.18		
5	256QAM	12	0	16.23	16.32	16.27	17.3	5
5	256QAM	12	7	16.32	16.37	16.34		
5	256QAM	12	13	16.32	16.35	16.30		
5	256QAM	25	0	16.30	16.32	16.31		

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BW [MHz]	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	16.77	16.73	16.77	18	0
20	QPSK	1	49	16.83	16.87	16.81		
20	QPSK	1	99	16.76	16.77	16.77		
20	QPSK	50	0	16.65	16.81	16.68	18	0
20	QPSK	50	24	16.70	16.85	16.72		
20	QPSK	50	50	16.66	16.73	16.60		
20	QPSK	100	0	16.60	16.76	16.61		
20	16QAM	1	0	16.56	16.73	16.64	18	0
20	16QAM	1	49	16.66	16.76	16.60		
20	16QAM	1	99	16.67	16.73	16.66		
20	16QAM	50	0	16.68	16.72	16.68	18	0
20	16QAM	50	24	16.57	16.83	16.59		
20	16QAM	50	50	16.57	16.73	16.62		
20	16QAM	100	0	16.66	16.79	16.62		
20	64QAM	1	0	16.63	16.74	16.64	18	0
20	64QAM	1	49	16.66	16.74	16.61		
20	64QAM	1	99	16.61	16.81	16.65		
20	64QAM	50	0	16.60	16.76	16.57	18	0
20	64QAM	50	24	16.55	16.80	16.60		
20	64QAM	50	50	16.61	16.76	16.58		
20	64QAM	100	0	16.58	16.78	16.69		
20	256QAM	1	0	16.68	16.72	16.60	18	0
20	256QAM	1	49	16.64	16.84	16.69		
20	256QAM	1	99	16.60	16.70	16.68		
20	256QAM	50	0	16.65	16.71	16.68	18	0
20	256QAM	50	24	16.65	16.83	16.59		
20	256QAM	50	50	16.55	16.77	16.65		
20	256QAM	100	0	16.56	16.77	16.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	16.70	16.68	16.68	18	0
15	QPSK	1	37	16.79	16.86	16.77		
15	QPSK	1	74	16.75	16.70	16.69		
15	QPSK	36	0	16.60	16.69	16.66	18	0
15	QPSK	36	20	16.65	16.74	16.67		
15	QPSK	36	39	16.62	16.62	16.58		
15	QPSK	75	0	16.49	16.62	16.60		
15	16QAM	1	0	16.48	16.70	16.61	18	0
15	16QAM	1	37	16.52	16.65	16.58		
15	16QAM	1	74	16.65	16.63	16.57		
15	16QAM	36	0	16.63	16.60	16.56	18	0
15	16QAM	36	20	16.56	16.74	16.45		
15	16QAM	36	39	16.51	16.58	16.53		
15	16QAM	75	0	16.52	16.70	16.58		
15	64QAM	1	0	16.55	16.68	16.52	18	0
15	64QAM	1	37	16.60	16.60	16.49		
15	64QAM	1	74	16.48	16.76	16.53		
15	64QAM	36	0	16.50	16.65	16.47	18	0
15	64QAM	36	20	16.47	16.71	16.52		
15	64QAM	36	39	16.60	16.73	16.48		
15	64QAM	75	0	16.56	16.64	16.62		
15	256QAM	1	0	16.60	16.65	16.47	18	0
15	256QAM	1	37	16.52	16.69	16.62		
15	256QAM	1	74	16.45	16.56	16.65		
15	256QAM	36	0	16.64	16.65	16.67	18	0
15	256QAM	36	20	16.62	16.73	16.47		
15	256QAM	36	39	16.41	16.72	16.60		
15	256QAM	75	0	16.46	16.67	16.52		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	16.71	16.66	16.67	18	0
10	QPSK	1	25	16.79	16.79	16.78		
10	QPSK	1	49	16.75	16.73	16.70		
10	QPSK	25	0	16.57	16.80	16.64	18	0
10	QPSK	25	12	16.68	16.84	16.66		
10	QPSK	25	25	16.52	16.62	16.55		
10	QPSK	50	0	16.55	16.72	16.59		
10	16QAM	1	0	16.41	16.67	16.63	18	0
10	16QAM	1	25	16.59	16.65	16.51		
10	16QAM	1	49	16.56	16.69	16.61		
10	16QAM	25	0	16.62	16.63	16.58	18	0
10	16QAM	25	12	16.46	16.70	16.57		
10	16QAM	25	25	16.49	16.67	16.52		
10	16QAM	50	0	16.60	16.71	16.57		
10	64QAM	1	0	16.50	16.65	16.56	18	0
10	64QAM	1	25	16.52	16.70	16.58		
10	64QAM	1	49	16.53	16.69	16.57		
10	64QAM	25	0	16.50	16.75	16.55	18	0
10	64QAM	25	12	16.45	16.76	16.48		
10	64QAM	25	25	16.60	16.67	16.51		
10	64QAM	50	0	16.56	16.73	16.56		
10	256QAM	1	0	16.67	16.65	16.48	18	0
10	256QAM	1	25	16.54	16.69	16.67		
10	256QAM	1	49	16.49	16.60	16.67		
10	256QAM	25	0	16.52	16.69	16.53	18	0
10	256QAM	25	12	16.56	16.81	16.54		
10	256QAM	25	25	16.44	16.70	16.62		
10	256QAM	50	0	16.43	16.69	16.51		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	16.73	16.65	16.64	18	0
5	QPSK	1	12	16.77	16.83	16.73		
5	QPSK	1	24	16.73	16.70	16.73		
5	QPSK	12	0	16.60	16.70	16.60	18	0
5	QPSK	12	7	16.69	16.80	16.69		
5	QPSK	12	13	16.61	16.63	16.50		
5	QPSK	25	0	16.52	16.61	16.50		
5	16QAM	1	0	16.41	16.58	16.51	18	0
5	16QAM	1	12	16.51	16.64	16.45		
5	16QAM	1	24	16.53	16.66	16.51		
5	16QAM	12	0	16.55	16.59	16.63	18	0
5	16QAM	12	7	16.55	16.81	16.50		
5	16QAM	12	13	16.49	16.67	16.58		
5	16QAM	25	0	16.57	16.73	16.50		
5	64QAM	1	0	16.51	16.59	16.51	18	0
5	64QAM	1	12	16.62	16.68	16.58		
5	64QAM	1	24	16.46	16.71	16.52		
5	64QAM	12	0	16.51	16.69	16.54	18	0
5	64QAM	12	7	16.52	16.67	16.49		
5	64QAM	12	13	16.46	16.68	16.52		
5	64QAM	25	0	16.43	16.73	16.65		
5	256QAM	1	0	16.62	16.61	16.56	18	0
5	256QAM	1	12	16.62	16.69	16.55		
5	256QAM	1	24	16.55	16.58	16.58		
5	256QAM	12	0	16.62	16.64	16.64	18	0
5	256QAM	12	7	16.59	16.73	16.55		
5	256QAM	12	13	16.54	16.72	16.64		
5	256QAM	25	0	16.43	16.68	16.50		

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BW [MHz]	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	20.26	20.28	20.31	21.9	0
20	QPSK	1	49	20.31	20.37	20.33		
20	QPSK	1	99	20.25	20.24	20.31		
20	QPSK	50	0	20.13	20.30	20.25	21.9	0
20	QPSK	50	24	20.21	20.31	20.30		
20	QPSK	50	50	20.19	20.23	20.21		
20	QPSK	100	0	20.17	20.20	20.19		
20	16QAM	1	0	20.06	20.26	20.22	21.9	0
20	16QAM	1	49	20.16	20.26	20.24		
20	16QAM	1	99	20.14	20.22	20.20		
20	16QAM	50	0	19.15	19.30	19.19	20.9	1
20	16QAM	50	24	19.07	19.25	19.23		
20	16QAM	50	50	19.12	19.17	19.18		
20	16QAM	100	0	19.15	19.23	19.17		
20	64QAM	1	0	19.15	19.16	19.21	20.9	1
20	64QAM	1	49	19.20	19.27	19.20		
20	64QAM	1	99	19.08	19.22	19.16		
20	64QAM	50	0	18.08	18.27	18.27	19.9	2
20	64QAM	50	24	18.17	18.19	18.27		
20	64QAM	50	50	18.19	18.24	18.19		
20	64QAM	100	0	18.10	18.18	18.20		
20	256QAM	1	0	16.18	16.20	16.29	17.9	4
20	256QAM	1	49	16.10	16.18	16.20		
20	256QAM	1	99	16.18	16.17	16.24		
20	256QAM	50	0	16.12	16.18	16.17	17.9	4
20	256QAM	50	24	16.08	16.25	16.29		
20	256QAM	50	50	16.15	16.18	16.26		
20	256QAM	100	0	16.19	16.28	16.15		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.24	20.14	20.27	21.9	0
15	QPSK	1	37	20.16	20.23	20.32		
15	QPSK	1	74	20.10	20.13	20.19		
15	QPSK	36	0	20.07	20.24	20.12	21.9	0
15	QPSK	36	20	20.15	20.29	20.15		
15	QPSK	36	39	20.06	20.08	20.17		
15	QPSK	75	0	20.03	20.05	20.04		
15	16QAM	1	0	20.01	20.12	20.08	21.9	0
15	16QAM	1	37	20.08	20.14	20.16		
15	16QAM	1	74	20.13	20.07	20.12		
15	16QAM	36	0	19.13	19.26	19.14	20.9	1
15	16QAM	36	20	19.01	19.21	19.08		
15	16QAM	36	39	18.99	19.13	19.15		
15	16QAM	75	0	19.02	19.19	19.04		
15	64QAM	1	0	19.00	19.04	19.13	20.9	1
15	64QAM	1	37	19.08	19.17	19.09		
15	64QAM	1	74	19.03	19.20	19.12		
15	64QAM	36	0	18.00	18.19	18.13	19.9	2
15	64QAM	36	20	18.04	18.06	18.19		
15	64QAM	36	39	18.14	18.18	18.15		
15	64QAM	75	0	18.07	18.05	18.08		
15	256QAM	1	0	16.14	16.15	16.23	17.9	4
15	256QAM	1	37	16.06	16.17	16.08		
15	256QAM	1	74	16.08	16.05	16.15		
15	256QAM	36	0	16.10	16.13	16.07	17.9	4
15	256QAM	36	20	15.95	16.17	16.25		
15	256QAM	36	39	16.01	16.07	16.12		
15	256QAM	75	0	16.06	16.21	16.05		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.15	20.25	20.19	21.9	0
10	QPSK	1	25	20.19	20.22	20.27		
10	QPSK	1	49	20.13	20.19	20.23		
10	QPSK	25	0	20.12	20.18	20.24	21.9	0
10	QPSK	25	12	20.18	20.17	20.23		
10	QPSK	25	25	20.12	20.18	20.13		
10	QPSK	50	0	20.05	20.11	20.12		
10	16QAM	1	0	19.99	20.15	20.15	21.9	0
10	16QAM	1	25	20.05	20.20	20.21		
10	16QAM	1	49	20.09	20.13	20.19		
10	16QAM	25	0	19.09	19.21	19.12	20.9	1
10	16QAM	25	12	18.97	19.18	19.17		
10	16QAM	25	25	18.98	19.13	19.13		
10	16QAM	50	0	19.03	19.08	19.12		
10	64QAM	1	0	19.14	19.05	19.17	20.9	1
10	64QAM	1	25	19.13	19.20	19.14		
10	64QAM	1	49	19.05	19.08	19.09		
10	64QAM	25	0	17.96	18.24	18.21	19.9	2
10	64QAM	25	12	18.14	18.13	18.24		
10	64QAM	25	25	18.17	18.21	18.12		
10	64QAM	50	0	18.05	18.10	18.16		
10	256QAM	1	0	16.07	16.18	16.14	17.9	4
10	256QAM	1	25	15.99	16.11	16.08		
10	256QAM	1	49	16.15	16.05	16.10		
10	256QAM	25	0	16.01	16.08	16.04	17.9	4
10	256QAM	25	12	16.01	16.11	16.19		
10	256QAM	25	25	16.00	16.12	16.12		
10	256QAM	50	0	16.06	16.12	16.03		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.22	20.15	20.20	21.9	0
5	QPSK	1	12	20.18	20.26	20.29		
5	QPSK	1	24	20.19	20.13	20.29		
5	QPSK	12	0	19.99	20.17	20.20	21.9	0
5	QPSK	12	7	20.12	20.24	20.22		
5	QPSK	12	13	20.16	20.19	20.10		
5	QPSK	25	0	20.15	20.12	20.04		
5	16QAM	1	0	20.03	20.21	20.09	21.9	0
5	16QAM	1	12	20.02	20.13	20.15		
5	16QAM	1	24	20.05	20.18	20.08		
5	16QAM	12	0	19.03	19.17	19.13	20.9	1
5	16QAM	12	7	19.01	19.10	19.09		
5	16QAM	12	13	18.98	19.08	19.07		
5	16QAM	25	0	19.05	19.08	19.10		
5	64QAM	1	0	19.04	19.11	19.19	20.9	1
5	64QAM	1	12	19.18	19.22	19.19		
5	64QAM	1	24	18.93	19.13	19.02		
5	64QAM	12	0	18.07	18.25	18.14	19.9	2
5	64QAM	12	7	18.07	18.05	18.13		
5	64QAM	12	13	18.05	18.15	18.06		
5	64QAM	25	0	17.95	18.07	18.07		
5	256QAM	1	0	16.13	16.13	16.16	17.9	4
5	256QAM	1	12	16.02	16.03	16.09		
5	256QAM	1	24	16.08	16.11	16.09		
5	256QAM	12	0	16.09	16.03	16.13	17.9	4
5	256QAM	12	7	16.02	16.21	16.28		
5	256QAM	12	13	16.02	16.03	16.24		
5	256QAM	25	0	16.05	16.26	16.12		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.30	17.55	17.51	18.5	0
20	QPSK	1	49	17.44	17.57	17.52		
20	QPSK	1	99	17.36	17.52	17.43		
20	QPSK	50	0	17.20	17.46	17.40		
20	QPSK	50	24	17.34	17.43			
20	QPSK	50	50	17.28	17.41	17.41		
20	QPSK	100	0	17.18	17.43	17.28		
20	16QAM	1	0	17.22	17.45	17.35	18.5	0
20	16QAM	1	49	17.25	17.49	17.37		
20	16QAM	1	99	17.23	17.46	17.30		
20	16QAM	50	0	17.18	17.48	17.29		
20	16QAM	50	24	17.30	17.49	17.34		
20	16QAM	50	50	17.29	17.50	17.28		
20	16QAM	100	0	17.25	17.39	17.35		
20	64QAM	1	0	17.32	17.49	17.30	18.5	0
20	64QAM	1	49	17.27	17.51	17.29		
20	64QAM	1	99	17.22	17.51	17.36		
20	64QAM	50	0	17.26	17.49	17.35	18.5	0
20	64QAM	50	24	17.30	17.42	17.31		
20	64QAM	50	50	17.29	17.43	17.29		
20	64QAM	100	0	17.29	17.41	17.29		
20	256QAM	1	0	17.29	17.40	17.37	18.5	0
20	256QAM	1	49	17.28	17.49	17.35		
20	256QAM	1	99	17.24	17.43	17.39		
20	256QAM	50	0	17.27	17.52	17.38	18.5	0
20	256QAM	50	24	17.24	17.51	17.29		
20	256QAM	50	50	17.21	17.45	17.32		
20	256QAM	100	0	17.18	17.44	17.41		
Channel				37625	38000	38375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.20	17.42	17.40	18.5	0
15	QPSK	1	37	17.43	17.50	17.46		
15	QPSK	1	74	17.27	17.42	17.33		
15	QPSK	36	0	17.16	17.46	17.35	18.5	0
15	QPSK	36	20	17.26	17.39	17.32		
15	QPSK	36	39	17.21	17.34	17.31		
15	QPSK	75	0	17.12	17.28	17.13		
15	16QAM	1	0	17.15	17.34	17.26	18.5	0
15	16QAM	1	37	17.18	17.43	17.33		
15	16QAM	1	74	17.15	17.35	17.17		
15	16QAM	36	0	17.14	17.34	17.14	18.5	0
15	16QAM	36	20	17.23	17.40	17.32		
15	16QAM	36	39	17.14	17.40	17.24		
15	16QAM	75	0	17.18	17.32	17.28		
15	64QAM	1	0	17.30	17.44	17.15	18.5	0
15	64QAM	1	37	17.15	17.41	17.19		
15	64QAM	1	74	17.10	17.48	17.31		
15	64QAM	36	0	17.11	17.43	17.24	18.5	0
15	64QAM	36	20	17.27	17.40	17.16		
15	64QAM	36	39	17.20	17.39	17.22		
15	64QAM	75	0	17.24	17.27	17.22		
15	256QAM	1	0	17.18	17.37	17.26	18.5	0
15	256QAM	1	37	17.23	17.38	17.34		
15	256QAM	1	74	17.17	17.39	17.34		
15	256QAM	36	0	17.26	17.51	17.31	18.5	0
15	256QAM	36	20	17.23	17.38	17.27		
15	256QAM	36	39	17.20	17.38	17.31		
15	256QAM	75	0	17.11	17.34	17.31		
Channel				37500	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.25	17.54	17.37	18.5	0
10	QPSK	1	25	17.32	17.53	17.44		
10	QPSK	1	49	17.33	17.43	17.29		
10	QPSK	25	0	17.19	17.34	17.35	18.5	0
10	QPSK	25	12	17.18	17.49	17.32		
10	QPSK	25	25	17.17	17.39	17.38		
10	QPSK	50	0	17.07	17.35	17.22	18.5	0
10	16QAM	1	0	17.20	17.32	17.33		
10	16QAM	1	25	17.24	17.42	17.27		
10	16QAM	1	49	17.14	17.43	17.20	18.5	0
10	16QAM	25	0	17.16	17.38	17.28		
10	16QAM	25	12	17.21	17.40	17.20		
10	16QAM	25	25	17.20	17.37	17.27		
10	16QAM	50	0	17.24	17.34	17.31		
10	64QAM	1	0	17.20	17.46	17.15	18.5	0
10	64QAM	1	25	17.15	17.40	17.24		
10	64QAM	1	49	17.15	17.38	17.32		
10	64QAM	25	0	17.20	17.37	17.28	18.5	0
10	64QAM	25	12	17.24	17.38	17.30		
10	64QAM	25	25	17.23	17.36	17.24		
10	64QAM	50	0	17.18	17.26	17.14	18.5	0
10	256QAM	1	0	17.20	17.31	17.35		
10	256QAM	1	25	17.19	17.35	17.23		
10	256QAM	1	49	17.12	17.34	17.32		
10	256QAM	25	0	17.16	17.41	17.33	18.5	0
10	256QAM	25	12	17.17	17.39	17.20		
10	256QAM	25	25	17.17	17.38	17.28		
10	256QAM	50	0	17.06	17.39	17.29		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.22	17.52	17.44	18.5	0
5	QPSK	1	12	17.43	17.46	17.56		
5	QPSK	1	24	17.29	17.45	17.38		
5	QPSK	12	0	17.13	17.41	17.27	18.5	0
5	QPSK	12	7	17.29	17.46	17.35		
5	QPSK	12	13	17.24	17.37	17.38		
5	QPSK	25	0	17.10	17.26	17.25		
5	16QAM	1	0	17.12	17.33	17.22	18.5	0
5	16QAM	1	12	17.15	17.41	17.22		
5	16QAM	1	24	17.21	17.36	17.29		
5	16QAM	12	0	17.11	17.47	17.26	18.5	0
5	16QAM	12	7	17.29	17.39	17.32		
5	16QAM	12	13	17.19	17.35	17.20		
5	16QAM	25	0	17.20	17.38	17.25		
5	64QAM	1	0	17.24	17.42	17.27	18.5	0
5	64QAM	1	12	17.12	17.39	17.27		
5	64QAM	1	24	17.07	17.44	17.23		
5	64QAM	12	0	17.12	17.36	17.22	18.5	0
5	64QAM	12	7	17.18	17.30	17.29		
5	64QAM	12	13	17.11	17.33	17.23		
5	64QAM	25	0	17.18	17.37	17.19		
5	256QAM	1	0	17.17	17.26	17.36	18.5	0
5	256QAM	1	12	17.22	17.43	17.27		
5	256QAM	1	24	17.09	17.28	17.28		
5	256QAM	12	0	17.23	17.43	17.23	18.5	0
5	256QAM	12	7	17.14	17.39	17.27		
5	256QAM	12	13	17.11	17.32	17.25		
5	256QAM	25	0	17.13	17.37	17.32		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	21.32	21.06	21.35	21.18	21.18	22.3	0
20	QPSK	1	49	21.35	21.13	21.41	21.22	21.26		
20	QPSK	1	99	21.19	20.96	21.22	21.01	21.08		
20	QPSK	50	0	20.30	20.07	20.35	20.11	20.22	21.3	1
20	QPSK	50	24	20.31	20.10	20.36	20.13	20.25		
20	QPSK	50	50	20.30	20.04	20.33	20.10	20.22		
20	QPSK	100	0	20.24	20.02	20.30	20.07	20.16		
20	16QAM	1	0	20.27	20.09	20.36	20.15	20.23	21.3	1
20	16QAM	1	49	20.33	20.17	20.45	20.27	20.33		
20	16QAM	1	99	20.15	20.00	20.28	20.12	20.16		
20	16QAM	50	0	19.23	19.04	19.33	19.20	19.19	20.3	2
20	16QAM	50	24	19.21	19.01	19.32	19.16	19.20		
20	16QAM	50	50	19.21	19.02	19.30	19.16	19.15		
20	16QAM	100	0	19.20	19.01	19.32	19.20	19.19		
20	64QAM	1	0	19.15	18.97	19.28	19.19	19.13	20.3	2
20	64QAM	1	49	19.21	19.05	19.36	19.27	19.23		
20	64QAM	1	99	19.03	18.90	19.20	19.10	19.10		
20	64QAM	50	0	18.21	18.20	18.28	18.23	18.27	19.3	3
20	64QAM	50	24	18.22	18.19	18.30	18.26	18.28		
20	64QAM	50	50	18.14	18.17	18.25	18.21	18.24		
20	64QAM	100	0	18.22	18.18	18.29	18.24	18.28		
20	256QAM	1	0	16.14	16.18	16.25	16.24	16.24	17.3	5
20	256QAM	1	49	16.31	16.30	16.38	16.36	16.36		
20	256QAM	1	99	16.10	16.10	16.21	16.19	16.19		
20	256QAM	50	0	16.33	16.34	16.42	16.41	16.41	17.3	5
20	256QAM	50	24	16.39	16.42	16.50	16.49	16.45		
20	256QAM	50	50	16.33	16.33	16.42	16.41	16.40		
20	256QAM	100	0	16.37	16.38	16.46	16.44	16.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.26	21.00	21.29	21.12	21.17	22.3	0
15	QPSK	1	37	21.32	21.12	21.37	21.20	21.14		
15	QPSK	1	74	21.13	20.95	21.22	20.97	21.00		
15	QPSK	36	0	20.26	20.05	20.23	20.04	20.18	21.3	1
15	QPSK	36	20	20.29	20.03	20.28	20.05	20.23		
15	QPSK	36	39	20.22	19.96	20.27	20.00	20.20		
15	QPSK	75	0	20.17	20.01	20.29	20.07	20.10	21.3	1
15	16QAM	1	0	20.22	20.00	20.35	20.09	20.18		
15	16QAM	1	37	20.22	20.08	20.37	20.17	20.24		
15	16QAM	1	74	20.07	19.95	20.18	20.00	20.06		
15	16QAM	36	0	19.17	18.99	19.28	19.12	19.08	20.3	2
15	16QAM	36	20	19.16	19.00	19.30	19.13	19.08		
15	16QAM	36	39	19.18	18.96	19.27	19.13	19.12		
15	16QAM	75	0	19.12	19.00	19.27	19.16	19.11		
15	64QAM	1	0	19.10	18.89	19.23	19.10	19.08	20.3	2
15	64QAM	1	37	19.17	19.05	19.28	19.24	19.19		
15	64QAM	1	74	18.99	18.82	19.18	19.00	19.05		
15	64QAM	36	0	18.20	18.18	18.18	18.14	18.16	19.3	3
15	64QAM	36	20	18.19	18.15	18.24	18.24	18.23		
15	64QAM	36	39	18.06	18.16	18.21	18.20	18.16		
15	64QAM	75	0	18.18	18.15	18.26	18.23	18.20		
15	256QAM	1	0	16.05	16.06	16.23	16.16	16.20	17.3	5
15	256QAM	1	37	16.23	16.27	16.37	16.29	16.33		
15	256QAM	1	74	16.06	16.05	16.13	16.16	16.09		
15	256QAM	36	0	16.29	16.22	16.38	16.35	16.39	17.3	5
15	256QAM	36	20	16.33	16.37	16.38	16.46	16.40		
15	256QAM	36	39	16.28	16.27	16.41	16.34	16.36		
15	256QAM	75	0	16.32	16.32	16.38	16.38	16.31		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.25	21.01	21.29	21.16	21.19	22.3	0
10	QPSK	1	25	21.31	21.08	21.33	21.16	21.21		
10	QPSK	1	49	21.16	20.95	21.17	21.01	21.03		
10	QPSK	25	0	20.18	20.02	20.32	20.06	20.15	21.3	1
10	QPSK	25	12	20.27	20.05	20.24	20.05	20.25		
10	QPSK	25	25	20.25	19.98	20.24	20.04	20.10		
10	QPSK	50	0	20.22	19.98	20.25	20.02	20.13		
10	16QAM	1	0	20.20	20.03	20.37	20.04	20.13	21.3	1
10	16QAM	1	25	20.27	20.14	20.37	20.21	20.26		
10	16QAM	1	49	20.11	19.90	20.27	20.08	20.13		
10	16QAM	25	0	19.13	18.92	19.30	19.16	19.11	20.3	2
10	16QAM	25	12	19.20	18.96	19.27	19.11	19.17		
10	16QAM	25	25	19.15	18.96	19.21	19.11	19.11		
10	16QAM	50	0	19.17	18.97	19.21	19.13	19.16		
10	64QAM	1	0	19.08	18.94	19.21	19.10	19.11	20.3	2
10	64QAM	1	25	19.21	19.04	19.31	19.20	19.12		
10	64QAM	1	49	18.92	18.86	19.20	19.00	19.04		
10	64QAM	25	0	18.16	18.16	18.17	18.15	18.23	19.3	3
10	64QAM	25	12	18.19	18.12	18.25	18.23	18.20		
10	64QAM	25	25	18.10	18.12	18.18	18.15	18.21		
10	64QAM	50	0	18.20	18.11	18.27	18.16	18.18		
10	256QAM	1	0	16.12	16.10	16.20	16.17	16.18	17.3	5
10	256QAM	1	25	16.28	16.20	16.29	16.30	16.28		
10	256QAM	1	49	16.06	15.98	16.15	16.14	16.13		
10	256QAM	25	0	16.29	16.35	16.34	16.34	16.39	17.3	5
10	256QAM	25	12	16.28	16.42	16.46	16.45	16.45		
10	256QAM	25	25	16.25	16.26	16.40	16.29	16.37		
10	256QAM	50	0	16.31	16.36	16.40	16.40	16.38		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.28	21.02	21.33	21.08	21.15	22.3	0
5	QPSK	1	12	21.29	21.08	21.40	21.19	21.26		
5	QPSK	1	24	21.16	20.96	21.16	20.94	21.02		
5	QPSK	12	0	20.31	20.03	20.29	20.10	20.18	21.3	1
5	QPSK	12	7	20.29	20.04	20.25	20.05	20.24		
5	QPSK	12	13	20.21	20.00	20.26	19.99	20.13		
5	QPSK	25	0	20.18	19.94	20.25	20.00	20.11		
5	16QAM	1	0	20.21	20.03	20.31	20.12	20.17	21.3	1
5	16QAM	1	12	20.23	20.13	20.36	20.26	20.31		
5	16QAM	1	24	20.13	19.91	20.27	20.08	20.13		
5	16QAM	12	0	19.21	18.98	19.27	19.18	19.16	20.3	2
5	16QAM	12	7	19.21	18.95	19.28	19.11	19.14		
5	16QAM	12	13	19.17	18.99	19.28	19.11	19.09		
5	16QAM	25	0	19.13	18.93	19.21	19.10	19.12		
5	64QAM	1	0	19.13	18.90	19.26	19.08	19.13	20.3	2
5	64QAM	1	12	19.14	19.04	19.26	19.20	19.17		
5	64QAM	1	24	18.96	18.82	19.14	19.05	19.02		
5	64QAM	12	0	18.17	18.14	18.24	18.19	18.22	19.3	3
5	64QAM	12	7	18.12	18.17	18.22	18.20	18.22		
5	64QAM	12	13	18.04	18.09	18.20	18.18	18.23		
5	64QAM	25	0	18.21	18.17	18.26	18.14	18.22		
5	256QAM	1	0	16.08	16.10	16.19	16.18	16.20	17.3	5
5	256QAM	1	12	16.22	16.24	16.36	16.30	16.35		
5	256QAM	1	24	16.04	16.04	16.19	16.14	16.14		
5	256QAM	12	0	16.26	16.30	16.34	16.41	16.34	17.3	5
5	256QAM	12	7	16.38	16.33	16.41	16.50	16.43		
5	256QAM	12	13	16.30	16.25	16.36	16.32	16.38		
5	256QAM	25	0	16.36	16.37	16.36	16.37	16.33		

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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	2540.5	2593	2636.5	2680		
20	QPSK	1	0	16.84	16.57	16.89	16.81	16.83	18	0
20	QPSK	1	49	16.91	16.71	17.02	16.82	16.92		
20	QPSK	1	99	16.90	16.66	17.01	16.70	16.87		
20	QPSK	50	0	16.75	16.51	16.98	16.62	16.76	18	0
20	QPSK	50	24	16.87	16.66	17.00	16.67	16.81		
20	QPSK	50	50	16.72	16.50	16.86	16.56	16.69		
20	QPSK	100	0	16.82	16.61	16.90	16.60	16.71		
20	16QAM	1	0	16.86	16.52	16.91	16.58	16.72	18	0
20	16QAM	1	49	16.81	16.64	16.90	16.61	16.71		
20	16QAM	1	99	16.76	16.50	16.86	16.59	16.76		
20	16QAM	50	0	16.77	16.61	16.94	16.64	16.80	18	0
20	16QAM	50	24	16.84	16.62	16.87	16.57	16.66		
20	16QAM	50	50	16.84	16.53	16.95	16.56	16.66		
20	16QAM	100	0	16.86	16.50	16.95	16.52	16.68		
20	64QAM	1	0	16.72	16.51	16.85	16.54	16.71	18	0
20	64QAM	1	49	16.84	16.56	16.94	16.59	16.75		
20	64QAM	1	99	16.74	16.50	16.90	16.65	16.73		
20	64QAM	50	0	16.83	16.51	16.89	16.65	16.71	18	0
20	64QAM	50	24	16.74	16.64	16.93	16.58	16.71		
20	64QAM	50	50	16.85	16.50	16.90	16.58	16.66		
20	64QAM	100	0	16.83	16.51	16.93	16.65	16.77		
20	256QAM	1	0	16.85	16.55	16.85	16.61	16.71	18	0
20	256QAM	1	49	16.81	16.51	16.96	16.63	16.74		
20	256QAM	1	99	16.73	16.51	16.95	16.52	16.73		
20	256QAM	50	0	16.82	16.57	16.91	16.53	16.67	18	0
20	256QAM	50	24	16.79	16.51	16.93	16.65	16.73		
20	256QAM	50	50	16.82	16.60	16.93	16.57	16.72		
20	256QAM	100	0	16.76	16.62	16.95	16.55	16.71		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.77	16.56	16.88	16.66	16.80	18	0
15	QPSK	1	37	16.80	16.56	16.95	16.75	16.90		
15	QPSK	1	74	16.80	16.58	16.87	16.58	16.74		
15	QPSK	36	0	16.72	16.48	16.92	16.54	16.75	18	0
15	QPSK	36	20	16.86	16.63	16.91	16.62	16.69		
15	QPSK	36	39	16.88	16.39	16.71	16.50	16.67		
15	QPSK	75	0	16.71	16.54	16.76	16.48	16.58	18	0
15	16QAM	1	0	16.73	16.46	16.79	16.46	16.68		
15	16QAM	1	37	16.71	16.62	16.89	16.50	16.64		
15	16QAM	1	74	16.69	16.42	16.73	16.57	16.69		
15	16QAM	36	0	16.83	16.60	16.87	16.54	16.70	18	0
15	16QAM	36	20	16.80	16.50	16.80	16.44	16.59		
15	16QAM	36	39	16.81	16.39	16.85	16.50	16.53		
15	16QAM	75	0	16.79	16.44	16.82	16.43	16.58	18	0
15	64QAM	1	0	16.59	16.44	16.75	16.53	16.65		
15	64QAM	1	37	16.70	16.44	16.90	16.45	16.62		
15	64QAM	1	74	16.68	16.40	16.82	16.56	16.58		
15	64QAM	36	0	16.70	16.43	16.75	16.59	16.62	18	0
15	64QAM	36	20	16.66	16.58	16.91	16.50	16.68		
15	64QAM	36	39	16.72	16.49	16.85	16.44	16.58		
15	64QAM	75	0	16.81	16.48	16.85	16.54	16.63		
15	256QAM	1	0	16.73	16.43	16.73	16.56	16.56	18	0
15	256QAM	1	37	16.76	16.44	16.83	16.52	16.71		
15	256QAM	1	74	16.68	16.42	16.82	16.38	16.59		
15	256QAM	36	0	16.78	16.49	16.90	16.52	16.62	18	0
15	256QAM	36	20	16.70	16.43	16.91	16.56	16.60		
15	256QAM	36	39	16.72	16.45	16.88	16.54	16.59		
15	256QAM	75	0	16.74	16.52	16.92	16.46	16.61		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.73	16.43	16.76	16.72	16.77	18	0
10	QPSK	1	25	16.80	16.56	16.87	16.74	16.82		
10	QPSK	1	49	16.81	16.65	16.96	16.65	16.80		
10	QPSK	25	0	16.73	16.47	16.87	16.48	16.62	18	0
10	QPSK	25	12	16.76	16.61	16.87	16.64	16.78		
10	QPSK	25	25	16.64	16.46	16.73	16.45	16.60		
10	QPSK	50	0	16.74	16.53	16.83	16.57	16.62	18	0
10	16QAM	1	0	16.80	16.50	16.83	16.47	16.60		
10	16QAM	1	25	16.73	16.51	16.81	16.56	16.56		
10	16QAM	1	49	16.65	16.38	16.76	16.58	16.62		
10	16QAM	25	0	16.74	16.59	16.81	16.63	16.77	18	0
10	16QAM	25	12	16.73	16.56	16.83	16.54	16.73		
10	16QAM	25	25	16.75	16.42	16.85	16.43	16.57		
10	16QAM	50	0	16.85	16.37	16.80	16.49	16.54	18	0
10	64QAM	1	0	16.71	16.41	16.74	16.40	16.57		
10	64QAM	1	25	16.81	16.50

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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	20.18	20.05	20.29	20.27	20.32	21.9	0
20	QPSK	1	49	20.31	20.06	20.37	20.31	20.34		
20	QPSK	1	99	20.27	19.95	20.32	20.29	20.29		
20	QPSK	50	0	20.11	19.93	20.26	20.05	20.21	21.9	0
20	QPSK	50	24	20.16	20.05	20.32	20.19	20.22		
20	QPSK	50	50	20.09	19.97	20.20	20.12	20.14		
20	QPSK	100	0	20.13	19.93	20.31	20.05	20.08		
20	16QAM	1	0	20.06	19.93	20.18	20.10	20.13	21.9	0
20	16QAM	1	49	20.05	20.00	20.22	20.06	20.14		
20	16QAM	1	99	20.06	20.00	20.18	20.11	20.19		
20	16QAM	50	0	19.10	18.96	19.18	19.16	19.14	20.9	1
20	16QAM	50	24	19.06	18.93	19.18	19.06	19.15		
20	16QAM	50	50	19.10	18.95	19.22	19.05	19.13		
20	16QAM	100	0	19.01	18.98	19.30	19.04	19.09		
20	64QAM	1	0	19.01	18.96	19.31	19.04	19.10	20.9	1
20	64QAM	1	49	19.08	18.98	19.25	19.18	19.08		
20	64QAM	1	99	19.08	18.96	19.31	19.09	19.20		
20	64QAM	50	0	18.05	18.01	18.30	18.04	18.07	19.9	2
20	64QAM	50	24	18.08	17.91	18.29	18.09	18.08		
20	64QAM	50	50	18.11	17.92	18.19	18.18	18.09		
20	64QAM	100	0	18.14	18.03	18.20	18.10	18.17		
20	256QAM	1	0	16.13	16.11	16.38	16.16	16.25	17.9	4
20	256QAM	1	49	16.22	16.00	16.39	16.19	16.21		
20	256QAM	1	99	16.19	16.06	16.36	16.14	16.25		
20	256QAM	50	0	16.24	16.11	16.33	16.28	16.17	17.9	4
20	256QAM	50	24	16.11	16.09	16.28	16.16	16.21		
20	256QAM	50	50	16.11	16.07	16.33	16.24	16.23		
20	256QAM	100	0	16.18	16.08	16.28	16.18	16.29		
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	20.17	20.18	20.21	20.15	20.28	21.9	0
15	QPSK	1	37	20.27	20.14	20.32	20.18	20.22		
15	QPSK	1	74	20.15	20.05	20.17	20.22	20.26		
15	QPSK	36	0	20.03	20.06	20.15	20.02	20.10	21.9	0
15	QPSK	36	20	20.12	20.17	20.23	20.11	20.07		
15	QPSK	36	39	19.96	20.09	20.13	20.07	20.10		
15	QPSK	75	0	20.12	20.07	20.29	20.03	20.02	21.9	0
15	16QAM	1	0	19.93	20.09	20.11	20.08	20.00		
15	16QAM	1	37	19.94	20.06	20.19	19.92	20.08		
15	16QAM	1	74	20.03	20.09	20.07	19.98	20.09		
15	16QAM	36	0	19.05	19.11	19.14	19.05	19.11	20.9	1
15	16QAM	36	20	18.99	19.01	19.15	19.03	19.14		
15	16QAM	36	39	19.08	19.05	19.09	19.00	19.05		
15	16QAM	75	0	18.91	19.17	19.25	18.96	19.00		
15	64QAM	1	0	19.00	19.02	19.16	19.02	19.08	20.9	1
15	64QAM	1	37	18.95	19.10	19.13	19.08	18.97		
15	64QAM	1	74	18.98	19.04	19.29	18.99	19.15		
15	64QAM	36	0	17.96	18.10	18.26	17.95	17.96	19.9	2
15	64QAM	36	20	17.97	18.06	18.18	18.03	17.93		
15	64QAM	36	39	18.09	18.04	18.11	18.15	18.02		
15	64QAM	75	0	18.06	18.18	18.10	18.05	18.11		
15	256QAM	1	0	16.07	16.21	16.24	16.05	16.14	17.9	4
15	256QAM	1	37	16.11	16.09	16.38	16.14	16.10		
15	256QAM	1	74	16.10	16.19	16.26	16.04	16.17		
15	256QAM	36	0	16.22	16.29	16.20	16.15	16.04	17.9	4
15	256QAM	36	20	16.02	16.26	16.16	16.05	16.15		
15	256QAM	36	39	16.02	16.19	16.28	16.22	16.16		
15	256QAM	75	0	16.04	16.15	16.14	16.09	16.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	20.05	20.20	20.21	20.19	20.31	21.9	0
10	QPSK	1	25	20.21	20.16	20.20	20.30	20.35		
10	QPSK	1	49	20.13	20.00	20.29	20.15	20.16		
10	QPSK	25	0	20.02	20.12	20.24	20.00	20.09	21.9	0
10	QPSK	25	12	20.04	20.14	20.29	20.13	20.17		
10	QPSK	25	25	20.06	20.08	20.12	20.11	20.07		
10	QPSK	50	0	19.98	20.02	20.30	19.96	20.04		
10	16QAM	1	0	19.92	20.09	20.06	19.96	20.02	21.9	0
10	16QAM	1	25	20.01	20.11	20.09	19.94	20.10		
10	16QAM	1	49	19.97	20.14	20.15	19.99	20.14		
10	16QAM	25	0	19.08	19.12	19.04	19.09	19.12	20.9	1
10	16QAM	25	12	18.95	19.03	19.17	19.04	19.04		
10	16QAM	25	25	18.97	19.14	19.16	19.02	18.98		
10	16QAM	50	0	18.98	19.08	19.27	19.02	18.94		
10	64QAM	1	0	18.98	19.11	19.30	18.92	19.03	20.9	1
10	64QAM	1	25	18.95	19.05	19.19	19.11	19.05		
10	64QAM	1	49	19.07	19.06	19.18	18.94	19.14		
10	64QAM	25	0	18.02	18.19	18.15	18.01	18.04	19.9	2
10	64QAM	25	12	17.96	18.05	18.14	18.06	18.00		
10	64QAM	25	25	18.07	18.00	18.12	18.15	18.06		
10	64QAM	50	0	18.06	18.15	18.05	17.98	18.04		
10	256QAM	1	0	16.00	16.30	16.28	16.05	16.12	17.9	4
10	256QAM	1	25	16.08	16.17	16.28	16.10	16.14		
10	256QAM	1	49	16.18	16.16	16.19	16.12	16.11		
10	256QAM	25	0	16.20	16.27	16.25	16.26	16.02	17.9	4
10	256QAM	25	12	16.06	16.20	16.20	16.07	16.08		
10	256QAM	25	25	16.05	16.25	16.27	16.14	16.19		
10	256QAM	50	0	16.13	16.21	16.20	16.13	16.22		
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	20.15	20.16	20.17	20.16	20.30	21.9	0
5	QPSK	1	12	20.23	20.20	20.22	20.23	20.32		
5	QPSK	1	24	20.18	20.06	20.23	20.20	20.21		
5	QPSK	12	0	20.06	20.06	20.20	19.95	20.20	21.9	0
5	QPSK	12	7	20.13	20.16	20.31	20.14	20.14		
5	QPSK	12	13	19.98	20.07	20.05	20.08	20.00		
5	QPSK	25	0	20.11	20.01	20.29	19.98	20.06		
5	16QAM	1	0	19.98	20.10	20.17	19.95	19.98	21.9	0
5	16QAM	1	12	19.90	20.08	20.11	19.98	19.99		
5	16QAM	1	24	19.94	20.08	20.09	20.05	20.04		
5	16QAM	12	0	19.09	19.14	19.10	19.14	19.09	20.9	1
5	16QAM	12	7	19.04	19.06	19.09	18.94	19.13		
5	16QAM	12	13	19.02	19.07	19.11	18.90	19.10		
5	16QAM	25	0	19.00	19.17	19.16	18.97	19.08		
5	64QAM	1	0	18.90	19.03	19.25	18.92	18.98	20.9	1
5	64QAM	1	12	19.04	19.14	19.11	19.12	18.94		
5	64QAM	1	24	19.01	19.06	19.20	18.96	19.16		
5	64QAM	12	0	18.01	18.07	18.15	17.91	17.95	19.9	2
5	64QAM	12	7	17.95	18.03	18.18	18.02	17.99		
5	64QAM	12	13	18.00	18.01	18.16	18.10	18.00		
5	64QAM	25	0	18.12	18.10	18.16	17.96	18.14		
5	256QAM	1	0	16.03	16.17	16.33	16.13	16.13	17.9	4
5	256QAM	1	12	16.10	16.07	16.37	16.08	16.18		
5	256QAM	1	24	16.12	16.22	16.28	16.12	16.14		
5	256QAM	12	0	16.19	16.23	16.32	16.23	16.02	17.9	4
5	256QAM	12	7	16.01	16.16	16.17	16.14	16.08		
5	256QAM	12	13	16.01	16.16	16.20	16.11	16.15		
5	256QAM	25	0	16.15	16.18	16.13	16.13	16.17		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.50	17.25	17.55	17.51	17.62	18.5	0
20	QPSK	1	49	17.52	17.26	17.70	17.56	17.67		
20	QPSK	1	99	17.42	17.18	17.57	17.43	17.59		
20	QPSK	50	0	17.38	17.14	17.54	17.46	17.41	18.5	0
20	QPSK	50	24	17.50	17.27	17.69	17.47	17.53		
20	QPSK	50	50	17.46	17.24	17.67	17.44	17.40		
20	QPSK	100	0	17.41	17.14	17.63	17.36	17.47		
20	16QAM	1	0	17.47	17.12	17.60	17.34	17.50	18.5	0
20	16QAM	1	49	17.36	17.22	17.61	17.37	17.47		
20	16QAM	1	99	17.35	17.15	17.58	17.44	17.43		
20	16QAM	50	0	17.46	17.20	17.67	17.35	17.50	18.5	0
20	16QAM	50	24	17.37	17.21	17.58	17.38	17.47		
20	16QAM	50	50	17.36	17.17	17.56	17.46	17.48		
20	16QAM	100	0	17.42	17.18	17.54	17.45	17.44		
20	64QAM	1	0	17.38	17.23	17.63	17.42	17.50	18.5	0
20	64QAM	1	49	17.37	17.15	17.63	17.34	17.43		
20	64QAM	1	99	17.36	17.18	17.62	17.33	17.41		
20	64QAM	50	0	17.43	17.19	17.67	17.33	17.38	18.5	0
20	64QAM	50	24	17.44	17.20	17.55	17.39	17.45		
20	64QAM	50	50	17.43	17.23	17.60	17.32	17.49		
20	64QAM	100	0	17.42	17.12	17.59	17.34	17.49		
20	256QAM	1	0	17.43	17.21	17.68	17.34	17.49	18.5	0
20	256QAM	1	49	17.41	17.12	17.59	17.41	17.39		
20	256QAM	1	99	17.38	17.18	17.56	17.44	17.50	18.5	0
20	256QAM	50	0	17.49	17.25	17.66	17.45	17.48		
20	256QAM	50	24	17.37	17.12	17.65	17.34	17.42		
20	256QAM	50	50	17.48	17.25	17.64	17.33	17.52		
20	256QAM	100	0	17.35	17.14	17.57	17.46	17.51		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.46	17.23	17.51	17.45	17.54	18.5	0
15	QPSK	1	37	17.45	17.21	17.61	17.52	17.63		
15	QPSK	1	74	17.36	17.14	17.54	17.38	17.53		
15	QPSK	36	0	17.28	16.99	17.49	17.44	17.38	18.5	0
15	QPSK	36	20	17.42	17.22	17.65	17.41	17.44		
15	QPSK	36	39	17.44	17.14	17.61	17.33	17.39		
15	QPSK	75	0	17.27	17.03	17.55	17.26	17.42	18.5	0
15	16QAM	1	0	17.38	16.99	17.55	17.29	17.42		
15	16QAM	1	37	17.33	17.18	17.53	17.30	17.43		
15	16QAM	1	74	17.27	17.02	17.44	17.33	17.31		
15	16QAM	36	0	17.44	17.13	17.58	17.30	17.37	18.5	0
15	16QAM	36	20	17.31	17.12	17.43	17.34	17.34		
15	16QAM	36	39	17.25	17.09	17.46	17.33	17.34		
15	16QAM	75	0	17.38	17.15	17.52	17.44	17.35		
15	64QAM	1	0	17.37	17.09	17.58	17.36	17.49	18.5	0
15	64QAM	1	37	17.29	17.04	17.49	17.31	17.29		
15	64QAM	1	74	17.35	17.08	17.50	17.20	17.29		
15	64QAM	36	0	17.30	17.17	17.59	17.25	17.32	18.5	0
15	64QAM	36	20	17.30	17.11	17.50	17.30	17.31		
15	64QAM	36	39	17.42	17.08	17.55	17.22	17.37		
15	64QAM	75	0	17.35	17.04	17.56	17.24	17.40		
15	256QAM	1	0	17.30	17.07	17.53	17.30	17.39	18.5	0
15	256QAM	1	37	17.28	17.04	17.51	17.37	17.33		
15	256QAM	1	74	17.24	17.17	17.48	17.30	17.40		
15	256QAM	36	0	17.42	17.19	17.57	17.41	17.46	18.5	0
15	256QAM	36	20	17.31	17.04	17.55	17.20	17.38		
15	256QAM	36	39	17.33	17.15	17.61	17.29	17.50		
15	256QAM	75	0	17.21	17.03	17.54	17.37	17.43		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.48	17.16	17.50	17.38	17.52	18.5	0
10	QPSK	1	25	17.46	17.20	17.69	17.42	17.62		
10	QPSK	1	49	17.35	17.13	17.43	17.34	17.53		
10	QPSK	25	0	17.24	17.01	17.49	17.36	17.28	18.5	0
10	QPSK	25	12	17.47	17.21	17.63	17.42	17.51		
10	QPSK	25	25	17.35	17.23	17.52	17.32	17.34		
10	QPSK	50	0	17.34	17.08	17.56	17.25	17.35	18.5	0
10	16QAM	1	0	17.35	17.09	17.53	17.22	17.43		
10	16QAM	1	25	17.33	17.18	17.55	17.22	17.42		
10	16QAM	1	49	17.26	17.01	17.57	17.39	17.36		
10	16QAM	25	0	17.41	17.13	17.64	17.23	17.49	18.5	0
10	16QAM	25	12	17.24	17.09	17.44	17.29	17.38		
10	16QAM	25	25	17.30	17.02	17.52	17.42	17.38		
10	16QAM	50	0	17.28	17.10	17.40	17.30	17.33		
10	64QAM	1	0	17.36	17.14	17.53	17.36	17.40	18.5	0
10	64QAM	1	25	17.30	17.08	17.56	17.26	17.37		
10	64QAM	1	49	17.23	17.11	17.57	17.18	17.39		
10	64QAM	25	0	17.39	17.09	17.66	17.31	17.27	18.5	0
10	64QAM	25	12	17.36	17.15	17.51	17.29	17.38		
10	64QAM	25	25	17.36	17.19	17.54	17.22	17.39		
10	64QAM	50	0	17.30	17.03	17.44	17.21	17.37		
10	256QAM	1	0	17.30	17.12	17.62	17.32	17.42	18.5	0
10	256QAM	1	25	17.40	17.06	17.50	17.27	17.31		
10	256QAM	1	49	17.29	17.15	17.49	17.30	17.48		
10	256QAM	25	0	17.40	17.17	17.52	17.30	17.37	18.5	0
10	256QAM	25	12	17.31	17.08	17.58	17.29	17.31		
10	256QAM	25	25	17.39	17.18	17.58	17.30	17.48		
10	256QAM	50	0	17.20	17.08	17.53	17.46	17.48		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.35	17.23	17.41	17.36	17.49	18.5	0
5	QPSK	1	12	17.42	17.16	17.60	17.44	17.63		
5	QPSK	1	24	17.36	17.12	17.43	17.39	17.46		
5	QPSK	12	0	17.30	17.05	17.45	17.35	17.39	18.5	0
5	QPSK	12	7	17.37	17.23	17.58	17.32	17.46		
5	QPSK	12	13	17.45	17.21	17.56	17.39	17.39		
5	QPSK	25	0	17.28	17.07	17.53	17.31	17.33	18.5	0
5	16QAM	1	0	17.41	17.08	17.59	17.23	17.41		
5	16QAM	1	12	17.33	17.16	17.56	17.35	17.39		
5	16QAM	1	24	17.24	17.01	17.48	17.33	17.32		
5	16QAM	12	0	17.38	17.19	17.54	17.32	17.44	18.5	0
5	16QAM	12	7	17.22	17.12	17.49	17.34	17.34		
5	16QAM	12	13	17.25	17.04	17.43	17.31	17.36		
5	16QAM	25	0	17.34	17.17	17.49	17.35	17.37		
5	64QAM	1	0	17.23	17.09	17.58	17.29	17.37	18.5	0
5	64QAM	1	12	17.32	17.12	17.55	17.26	17.39		
5	64QAM	1	24	17.30	17.04	17.49	17.26	17.34		
5	64QAM	12	0	17.40	17.05	17.64	17.24	17.34	18.5	0
5	64QAM	12	7	17.33	17.06	17.50	17.35	17.36		
5	64QAM	12	13	17.41	17.20	17.59	17.26	17.44		
5	64QAM	25	0	17.35	17.11	17.56	17.23	17.45		
5	256QAM	1	0	17.34	17.06	17.67	17.19	17.41	18.5	0
5	256QAM	1	12	17.26	17.01	17.56	17.30	17.27		
5	256QAM	1	24	17.33	17.04	17.50	17.30	17.43		
5	256QAM	12	0	17.45	17.13	17.61	17.40	17.44	18.5	0
5	256QAM	12	7	17.36	17.00	17.64	17.31	17.36		
5	256QAM	12	13	17.33	17.22	17.50	17.31	17.43		
5	256QAM	25	0	17.31	17.05	17.55	17.44	17.36		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.70	24.67	24.67		
20	PI/2 BPSK	1	53	24.82	24.71	24.82	25.5	0.0
20	PI/2 BPSK	1	104	24.68	24.68	24.65		
20	PI/2 BPSK	50	0	24.26	24.32	24.50	25.0	0.5
20	PI/2 BPSK	50	28	24.78	24.82	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.08	24.07	24.03	25.0	0.5
20	PI/2 BPSK	100	0	24.19	24.27	24.40		
20	QPSK	1	1	24.51	24.51	24.61		
20	QPSK	1	53	24.78	24.83	24.81	25.5	0.0
20	QPSK	1	104	24.62	24.55	24.53		
20	QPSK	50	0	23.56	23.74	23.93	24.5	1.0
20	QPSK	50	28	24.76	24.82	24.81	25.5	0.0
20	QPSK	50	56	23.51	23.48	23.53	24.5	1.0
20	QPSK	100	0	23.56	23.86	23.81		
20	16QAM	1	53	23.41	23.34	23.42	24.5	1.0
20	64QAM	1	53	21.95	21.98	21.98	23.0	2.5
20	256QAM	1	53	20.56	20.52	20.55	21.0	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	40	24.39	24.39	24.50	25.5	0.0
Channel				166500	167300	168500	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	26	24.44	24.42	24.57	25.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	13	24.39	24.44	24.57	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.20	20.34	20.04		
20	PI/2 BPSK	1	53	20.14	20.27	20.05	21.0	0.0
20	PI/2 BPSK	1	104	20.11	20.30	20.16		
20	PI/2 BPSK	50	0	20.19	20.34	20.06	21.0	0.0
20	PI/2 BPSK	50	28	20.14	20.28	20.12	21.0	0.0
20	PI/2 BPSK	50	56	20.20	20.35	20.12	21.0	0.0
20	PI/2 BPSK	100	0	20.19	20.37	20.15		
20	QPSK	1	1	20.25	20.31	20.22		
20	QPSK	1	53	20.40	20.46	20.27	21.0	0.0
20	QPSK	1	104	20.31	20.44	20.24		
20	QPSK	50	0	20.14	20.29	20.14	21.0	0.0
20	QPSK	50	28	20.25	20.42	20.18	21.0	0.0
20	QPSK	50	56	20.18	20.33	20.09	21.0	0.0
20	QPSK	100	0	20.13	20.28	20.06		
20	16QAM	1	53	20.11	20.33	20.04	21.0	0.0
20	64QAM	1	53	20.18	20.28	20.11	21.0	0.0
20	256QAM	1	53	20.14	20.38	20.03	21.0	0.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	40	20.33	20.33	20.14	21.0	0.0
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	26	20.31	20.39	20.22	21.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	13	20.32	20.38	20.16	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	20.53	20.55	20.46		
50	PI/2 BPSK	1	135	20.56	20.67	20.50	21.5	0.0
50	PI/2 BPSK	1	268	20.48	20.51	20.43		
50	PI/2 BPSK	135	0	20.15	20.26	20.11	21.0	0.5
50	PI/2 BPSK	135	68	20.65	20.66	20.54	21.5	0.0
50	PI/2 BPSK	135	135	20.24	20.31	20.19	21.0	0.5
50	PI/2 BPSK	270	0	20.16	20.25	20.13		
50	QPSK	1	1	20.42	20.43	20.31		
50	QPSK	1	135	20.70	20.73	20.63	21.5	0.0
50	QPSK	1	268	20.35	20.41	20.34		
50	QPSK	135	0	19.53	19.62	19.42	20.5	1.0
50	QPSK	135	68	20.70	20.71	20.69	21.5	0.0
50	QPSK	135	135	19.54	19.62	19.53	20.5	1.0
50	QPSK	270	0	19.59	19.68	19.53		
50	16QAM	1	135	19.07	19.11	18.97	20.5	1.0
50	64QAM	1	135	17.59	17.68	17.56	19.0	2.5
50	256QAM	1	135	16.32	16.35	16.23	17.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)
40	QPSK	1	108	20.31	20.31	20.29	21.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	QPSK	1	80	20.32	20.38	20.21	21.5	0.0
Channel				502502	507000	511502	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	QPSK	1	65	20.35	20.36	20.19	21.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	QPSK	1	53	20.36	20.31	20.25	21.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	40	20.33	20.32	20.21	21.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	26	20.36	20.41	20.25	21.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	13	20.39	20.33	20.21	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	13.89	14.12	13.97	15.0	0.0
50	PI/2 BPSK	1	135	13.91	14.05	14.03		
50	PI/2 BPSK	1	268	13.93	14.14	13.96		
50	PI/2 BPSK	135	0	13.94	14.13	14.03	15.0	0.0
50	PI/2 BPSK	135	68	13.91	14.06	14.01	15.0	0.0
50	PI/2 BPSK	135	135	13.95	14.16	14.03	15.0	0.0
50	PI/2 BPSK	270	0	13.82	14.19	13.96		
50	QPSK	1	1	14.04	14.21	14.02	15.0	0.0
50	QPSK	1	135	14.11	14.24	14.06		
50	QPSK	1	268	14.04	14.20	14.01		
50	QPSK	135	0	13.90	14.08	13.89	15.0	0.0
50	QPSK	135	68	13.97	14.20	14.04	15.0	0.0
50	QPSK	135	135	13.96	14.05	13.96	15.0	0.0
50	QPSK	270	0	13.95	14.10	13.99		
50	16QAM	1	135	13.84	14.14	13.99	15.0	0.0
50	64QAM	1	135	13.90	14.18	14.01	15.0	0.0
50	256QAM	1	135	13.94	14.05	13.89	15.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	13.98	14.14	13.94	15.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	14.05	14.20	13.94	15.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	14.04	14.21	14.05	15.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	13.98	14.13	13.99	15.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	14.02	14.13	13.92	15.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	14.09	14.21	13.97	15.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	14.06	14.21	13.95	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.81	19.88	19.90	20.5	0.0
50	PI/2 BPSK	1	135	19.82	19.89	19.86		
50	PI/2 BPSK	1	268	19.82	19.86	19.92		
50	PI/2 BPSK	135	0	19.84	19.91	19.88	20.5	0.0
50	PI/2 BPSK	135	68	19.85	19.96	19.88	20.5	0.0
50	PI/2 BPSK	135	135	19.86	19.91	19.88	20.5	0.0
50	PI/2 BPSK	270	0	19.86	19.93	19.87		
50	QPSK	1	1	19.81	19.95	19.89	20.5	0.0
50	QPSK	1	135	19.89	19.97	19.93		
50	QPSK	1	268	19.84	19.93	19.86		
50	QPSK	135	0	19.81	19.89	19.84	20.5	0.0
50	QPSK	135	68	19.85	19.93	19.89	20.5	0.0
50	QPSK	135	135	19.79	19.90	19.81	20.5	0.0
50	QPSK	270	0	19.75	19.88	19.73		
50	16QAM	1	135	19.84	19.93	19.89	20.5	0.0
50	64QAM	1	135	19.88	19.92	19.86	20.5	0.0
50	256QAM	1	135	18.90	19.00	18.90	19.5	1.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	19.87	19.92	19.85	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	19.83	19.89	19.89	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	19.83	19.91	19.91	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	19.83	19.85	19.89	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	19.86	19.89	19.81	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	19.89	19.92	19.85	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	19.80	19.95	19.86	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	15.58	15.62	15.47	16.5	0.0
50	PI/2 BPSK	1	135	15.64	15.54	15.48		
50	PI/2 BPSK	1	268	15.59	15.55	15.49		
50	PI/2 BPSK	135	0	15.58	15.66	15.53	16.5	0.0
50	PI/2 BPSK	135	68	15.54	15.58	15.55	16.5	0.0
50	PI/2 BPSK	135	135	15.55	15.66	15.56	16.5	0.0
50	PI/2 BPSK	270	0	15.54	15.66	15.58		
50	QPSK	1	1	15.75	15.60	15.53	16.5	0.0
50	QPSK	1	135	15.78	15.78	15.62		
50	QPSK	1	268	15.72	15.73	15.52		
50	QPSK	135	0	15.59	15.59	15.58	16.5	0.0
50	QPSK	135	68	15.66	15.68	15.61	16.5	0.0
50	QPSK	135	135	15.65	15.62	15.60	16.5	0.0
50	QPSK	270	0	15.61	15.63	15.56		
50	16QAM	1	135	15.52	15.55	15.55	16.5	0.0
50	64QAM	1	135	15.55	15.61	15.57	16.5	0.0
50	256QAM	1	135	15.61	15.67	15.47	16.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	108	15.71	15.60	15.56	16.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	15.63	15.73	15.58	16.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	65	15.65	15.61	15.49	16.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	15.72	15.65	15.50	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	15.66	15.70	15.59	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	15.77	15.67	15.48	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	15.69	15.66	15.51	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	20.60	20.61	20.54	22.0	0.0
40	Pi/2 BPSK	1	108	21.15	21.21	21.20		
40	Pi/2 BPSK	1	214	20.55	20.58	20.56		
40	Pi/2 BPSK	108	0	20.32	20.35	20.34	21.5	0.5
40	Pi/2 BPSK	108	54	21.16	21.20	21.11	22.0	0.0
40	Pi/2 BPSK	108	108	20.38	20.48	20.43	21.5	0.5
40	Pi/2 BPSK	216	0	20.36	20.47	20.40		
40	QPSK	1	1	20.44	20.51	20.40	22.0	0.0
40	QPSK	1	108	21.14	21.22	21.19		
40	QPSK	1	214	20.46	20.53	20.41		
40	QPSK	108	0	19.79	19.83	19.72	21.0	1.0
40	QPSK	108	54	21.11	21.12	21.09	22.0	0.0
40	QPSK	108	108	19.86	19.95	19.84	21.0	1.0
40	QPSK	216	0	19.80	19.91	19.86		
40	16QAM	1	108	19.81	19.93	19.82	21.0	1.0
40	64QAM	1	108	18.30	18.32	18.31	19.5	2.5
40	256QAM	1	108	17.18	17.25	17.19	17.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	21.16	21.09	21.14	22.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	21.15	21.02	21.11	22.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	21.16	21.03	21.09	22.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	21.20	21.14	21.18	22.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	21.17	21.05	21.14	22.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	Pi/2 BPSK	1	1	15.32	15.60	15.60	16.5	0.0
40	Pi/2 BPSK	1	108	15.28	15.54	15.55		
40	Pi/2 BPSK	1	214	15.33	15.62	15.56		
40	Pi/2 BPSK	108	0	15.31	15.48	15.56	16.5	0.0
40	Pi/2 BPSK	108	54	15.32	15.59	15.47	16.5	0.0
40	Pi/2 BPSK	108	108	15.34	15.60	15.54	16.5	0.0
40	Pi/2 BPSK	216	0	15.39	15.59	15.50		
40	QPSK	1	1	15.44	15.64	15.62	16.5	0.0
40	QPSK	1	108	15.57	15.68	15.64		
40	QPSK	1	214	15.56	15.59	15.59		
40	QPSK	108	0	15.33	15.61	15.48	16.5	0.0
40	QPSK	108	54	15.42	15.63	15.61	16.5	0.0
40	QPSK	108	108	15.37	15.53	15.59	16.5	0.0
40	QPSK	216	0	15.35	15.51	15.46		
40	16QAM	1	108	15.31	15.57	15.57	16.5	0.0
40	64QAM	1	108	15.28	15.52	15.50	16.5	0.0
40	256QAM	1	108	15.38	15.50	15.59	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	15.53	15.63	15.52	16.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	15.45	15.54	15.55	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	15.51	15.57	15.56	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	15.51	15.59	15.49	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	15.52	15.53	15.59	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.07	19.29	19.24		
40	PI/2 BPSK	1	108	19.09	19.30	19.27	19.7	0.0
40	PI/2 BPSK	1	214	19.04	19.25	19.23		
40	PI/2 BPSK	108	0	19.12	19.22	19.29	19.7	0.0
40	PI/2 BPSK	108	54	19.05	19.25	19.19	19.7	0.0
40	PI/2 BPSK	108	108	19.17	19.31	19.26	19.7	0.0
40	PI/2 BPSK	216	0	19.05	19.32	19.20		
40	QPSK	1	1	19.05	19.24	19.27		
40	QPSK	1	108	19.20	19.36	19.29	19.7	0.0
40	QPSK	1	214	19.12	19.18	19.18		
40	QPSK	108	0	19.05	19.27	19.15	19.7	0.0
40	QPSK	108	54	19.17	19.34	19.27	19.7	0.0
40	QPSK	108	108	19.13	19.21	19.18	19.7	0.0
40	QPSK	216	0	19.07	19.31	19.22		
40	16QAM	1	108	19.17	19.28	19.23	19.7	0.0
40	64QAM	1	108	19.13	19.24	19.16	19.7	0.0
40	256QAM	1	108	19.26	19.32	19.23	19.7	0.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	80	19.11	19.21	19.17	19.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	53	19.09	19.25	19.27	19.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	40	19.14	19.27	19.28	19.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	26	19.19	19.30	19.21	19.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	13	19.13	19.30	19.25	19.7	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	PI/2 BPSK	1	1	19.25	19.53	19.46		
40	PI/2 BPSK	1	108	19.19	19.54	19.44	20.7	0.0
40	PI/2 BPSK	1	214	19.20	19.47	19.35		
40	PI/2 BPSK	108	0	19.22	19.52	19.46	20.7	0.0
40	PI/2 BPSK	108	54	19.27	19.42	19.44	20.7	0.0
40	PI/2 BPSK	108	108	19.25	19.47	19.39	20.7	0.0
40	PI/2 BPSK	216	0	19.25	19.49	19.40		
40	QPSK	1	1	19.37	19.45	19.56		
40	QPSK	1	108	19.45	19.60	19.58	20.7	0.0
40	QPSK	1	214	19.44	19.49	19.54		
40	QPSK	108	0	19.29	19.46	19.36	20.7	0.0
40	QPSK	108	54	19.30	19.57	19.47	20.7	0.0
40	QPSK	108	108	19.18	19.53	19.46	20.7	0.0
40	QPSK	216	0	19.15	19.49	19.32		
40	16QAM	1	108	19.23	19.43	19.41	20.7	0.0
40	64QAM	1	108	19.16	19.43	19.35	20.7	0.0
40	256QAM	1	108	18.25	18.54	18.42	19.7	1.0
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	80	19.42	19.55	19.49	20.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	53	19.35	19.54	19.46	20.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	40	19.30	19.45	19.57	20.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	26	19.38	19.57	19.51	20.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	13	19.42	19.52	19.51	20.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	20.23	20.29	20.27		
40	PI/2 BPSK	1	53	20.91	20.93	20.90	21.5	0.0
40	PI/2 BPSK	1	104	20.03	20.15	20.05		
40	PI/2 BPSK	50	0	19.87	19.93	19.87	21.0	0.5
40	PI/2 BPSK	50	28	20.53	20.62	20.55	21.5	0.0
40	PI/2 BPSK	50	56	19.83	19.86	19.75	21.0	0.5
40	PI/2 BPSK	100	0	19.82	19.92	19.80		
40	QPSK	1	1	20.19	20.24	20.12		
40	QPSK	1	53	20.88	20.98	20.88	21.5	0.0
40	QPSK	1	104	20.09	20.11	20.04		
40	QPSK	50	0	19.55	19.58	19.55		
40	QPSK	50	28	20.46	20.48	20.44	21.5	0.0
40	QPSK	50	56	19.52	19.53	19.51		
40	QPSK	100	0	19.26	19.30	19.22	20.5	1.0
40	16QAM	1	53	19.34	19.37	19.28	20.5	1.0
40	64QAM	1	53	17.84	17.91	17.85	19.0	2.5
40	256QAM	1	53	16.35	16.47	16.42	17.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	20.48	20.55	20.48	21.5	0.0
Channel				516500	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	20.56	20.61	20.48	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	15.62	15.83	15.56		
40	PI/2 BPSK	1	53	15.54	15.80	15.47	16.5	0.0
40	PI/2 BPSK	1	104	15.63	15.78	15.50		
40	PI/2 BPSK	50	0	15.56	15.71	15.48	16.5	0.0
40	PI/2 BPSK	50	28	15.58	15.82	15.47	16.5	0.0
40	PI/2 BPSK	50	56	15.61	15.80	15.52	16.5	0.0
40	PI/2 BPSK	100	0	15.54	15.77	15.49		
40	QPSK	1	1	15.62	15.89	15.70		
40	QPSK	1	53	15.69	15.94	15.71	16.5	0.0
40	QPSK	1	104	15.59	15.85	15.69		
40	QPSK	50	0	15.49	15.72	15.51		
40	QPSK	50	28	15.64	15.85	15.80	16.5	0.0
40	QPSK	50	56	15.61	15.82	15.53		
40	QPSK	100	0	15.50	15.74	15.48	16.5	0.0
40	16QAM	1	53	15.60	15.73	15.47	16.5	0.0
40	64QAM	1	53	15.63	15.78	15.59	16.5	0.0
40	256QAM	1	53	15.53	15.72	15.49	16.5	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	15.64	15.88	15.68	16.5	0.0
Channel				516500	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	15.62	15.91	15.61	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.92	19.98	19.93		
40	PI/2 BPSK	1	53	19.83	20.01	19.95	20.5	0.0
40	PI/2 BPSK	1	104	19.87	20.00	19.90		
40	PI/2 BPSK	50	0	19.85	19.97	19.97	20.5	0.0
40	PI/2 BPSK	50	28	19.82	19.96	19.94	20.5	0.0
40	PI/2 BPSK	50	56	19.85	20.00	19.92	20.5	0.0
40	PI/2 BPSK	100	0	19.86	19.97	19.95		
40	QPSK	1	1	19.84	19.97	19.95		
40	QPSK	1	53	19.91	20.03	19.98	20.5	0.0
40	QPSK	1	104	19.85	20.00	19.88		
40	QPSK	50	0	19.75	19.93	19.85		
40	QPSK	50	28	19.85	19.98	19.92	20.5	0.0
40	QPSK	50	56	19.81	19.95	19.91		
40	QPSK	100	0	19.78	19.93	19.80	20.5	0.0
40	16QAM	1	53	19.83	19.93	19.92	20.5	0.0
40	64QAM	1	53	19.81	19.97	19.92	20.5	0.0
40	256QAM	1	53	19.42	19.43	19.38	19.5	1.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	19.84	20.02	19.90	20.5	0.0
Channel				516500	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	19.91	19.97	19.93	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	16.21	16.42	16.22		
40	PI/2 BPSK	1	53	16.13	16.37	16.14	17.0	0.0
40	PI/2 BPSK	1	104	16.23	16.28	16.21		
40	PI/2 BPSK	50	0	16.12	16.35	16.21	17.0	0.0
40	PI/2 BPSK	50	28	16.19	16.41	16.14	17.0	0.0
40	PI/2 BPSK	50	56	16.15	16.36	16.21	17.0	0.0
40	PI/2 BPSK	100	0	16.23	16.31	16.16		
40	QPSK	1	1	16.27	16.44	16.30		
40	QPSK	1	53	16.22	16.47	16.32	17.0	0.0
40	QPSK	1	104	16.20	16.33	16.18		
40	QPSK	50	0	16.09	16.35	16.16		
40	QPSK	50	28	16.24	16.43	16.24	17.0	0.0
40	QPSK	50	56	16.17	16.35	16.13		
40	QPSK	100	0	16.12	16.32	16.16	17.0	0.0
40	16QAM	1	53	16.23	16.42	16.14	17.0	0.0
40	64QAM	1	53	16.09	16.37	16.12	17.0	0.0
40	256QAM	1	53	16.19	16.35	16.17	17.0	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	39	16.29	16.38	16.24	17.0	0.0
Channel				516060	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	16.26	16.37	16.29	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.63	19.75	19.62		
100	PI/2 BPSK	1	137	20.89	20.94	20.79	21.5	0.0
100	PI/2 BPSK	1	271	19.50	19.52	19.56		
100	PI/2 BPSK	135	0	19.91	19.96	19.81	21.0	0.5
100	PI/2 BPSK	135	69	20.78	20.85	20.63	21.5	0.0
100	PI/2 BPSK	135	138	19.79	19.91	19.70	21.0	0.5
100	PI/2 BPSK	270	0	19.74	19.85	19.66		
100	QPSK	1	1	19.54	19.64	19.57		
100	QPSK	1	137	20.75	21.00	20.67	21.5	0.0
100	QPSK	1	271	19.58	19.58	19.51		
100	QPSK	135	0	19.50	19.59	19.56		
100	QPSK	135	69	20.61	20.66	20.51	21.5	0.0
100	QPSK	135	138	19.51	19.59	19.57		
100	QPSK	270	0	19.20	19.26	19.16	20.5	1.0
100	16QAM	1	137	19.71	19.77	19.74	20.5	1.0
100	64QAM	1	137	18.23	18.28	18.27	19.0	2.5
100	256QAM	1	137	16.69	16.71	16.65	17.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	20.75	20.73	20.71	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	109	20.75	20.88	20.72	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2528	2592.99	2659.98		
60	QPSK	1	81	20.71	20.73	20.77	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	67	20.72	20.80	20.78	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	20.75	20.83	20.77	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	20.70	20.78	20.77	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2509.02	2592.99	2679.99		
20	QPSK	1	26	20.70	20.83	20.73	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	15.76	15.91	15.68		
100	PI/2 BPSK	1	137	15.76	15.94	15.60	16.5	0.0
100	PI/2 BPSK	1	271	15.81	15.93	15.61		
100	PI/2 BPSK	135	0	15.73	15.91	15.68	16.5	0.0
100	PI/2 BPSK	135	69	15.76	15.90	15.64	16.5	0.0
100	PI/2 BPSK	135	138	15.82	15.83	15.59	16.5	0.0
100	PI/2 BPSK	270	0	15.85	15.85	15.62		
100	QPSK	1	1	15.88	15.85	15.79		
100	QPSK	1	137	15.89	15.97	15.66	16.5	0.0
100	QPSK	1	271	15.80	15.85	15.79		
100	QPSK	135	0	15.86	15.84	15.68		
100	QPSK	135	69	15.88	15.95	15.73	16.5	0.0
100	QPSK	135	138	15.82	15.94	15.59		
100	QPSK	270	0	15.75	15.96	15.65	16.5	0.0
100	16QAM	1	137	15.80	15.94	15.67	16.5	0.0
100	64QAM	1	137	15.78	15.93	15.70	16.5	0.0
100	256QAM	1	137	15.78	15.82	15.58	16.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	120	15.85	15.94	15.78	16.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	15.75	15.82	15.78	16.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2528	2592.99	2659.98		
60	QPSK	1	81	15.87	15.85	15.75	16.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	15.77	15.93	15.74	16.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	15.85	15.86	15.74	16.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	15.88	15.88	15.79	16.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2509.02	2592.99	2679.99		
20	QPSK	1	26	15.75	15.95	15.78	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.34	20.44	20.26	
100	PI/2 BPSK	1	137	20.35	20.53	20.32	21.0
100	PI/2 BPSK	1	271	20.38	20.54	20.27	
100	PI/2 BPSK	135	0	20.40	20.51	20.30	21.0
100	PI/2 BPSK	135	69	20.34	20.53	20.29	21.0
100	PI/2 BPSK	135	138	20.38	20.50	20.27	21.0
100	PI/2 BPSK	270	0	20.43	20.55	20.28	
100	QPSK	1	1	20.39	20.47	20.29	
100	QPSK	1	137	20.44	20.56	20.34	21.0
100	QPSK	1	271	20.41	20.49	20.32	
100	QPSK	135	0	20.33	20.50	20.23	
100	QPSK	135	69	20.36	20.51	20.30	21.0
100	QPSK	135	138	20.32	20.42	20.27	
100	QPSK	270	0	20.28	20.47	20.25	21.0
100	16QAM	1	137	20.34	20.52	20.31	21.0
100	64QAM	1	137	20.37	20.52	20.31	21.0
100	256QAM	1	137	19.18	19.21	19.12	19.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	QPSK	1	120	20.35	20.44	20.25	21.0
Channel				507204	518598	529992	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	QPSK	1	109	20.34	20.54	20.23	21.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	QPSK	1	81	20.38	20.54	20.26	21.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	QPSK	1	67	20.35	20.55	20.28	21.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	QPSK	1	53	20.36	20.53	20.26	21.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	QPSK	1	39	20.44	20.48	20.30	21.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	QPSK	1	26	20.37	20.52	20.26	21.0

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MPR (dB)	BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
		Channel			509202	518598	528000		
		Frequency (MHz)			2546.01	2592.99	2640		
	100	PI/2 BPSK	1	1	16.29	16.35	16.09		
0.0	100	PI/2 BPSK	1	137	16.26	16.27	16.14	17.0	0.0
	100	PI/2 BPSK	1	271	16.28	16.36	16.08		
0.0	100	PI/2 BPSK	135	0	16.30	16.30	16.17	17.0	0.0
0.0	100	PI/2 BPSK	135	69	16.27	16.28	16.13	17.0	0.0
0.0	100	PI/2 BPSK	135	138	16.22	16.37	16.14	17.0	0.0
	100	PI/2 BPSK	270	0	16.36	16.33	16.03		
0.0	100	QPSK	1	1	16.29	16.39	16.17	17.0	0.0
	100	QPSK	1	137	16.40	16.46	16.24		
	100	QPSK	1	271	16.28	16.43	16.21		
0.0	100	QPSK	135	0	16.23	16.34	16.13	17.0	0.0
	100	QPSK	135	69	16.37	16.40	16.18		
	100	QPSK	135	138	16.26	16.31	16.12		
0.0	100	QPSK	270	0	16.23	16.39	16.17	17.0	0.0
0.0	100	16QAM	1	137	16.22	16.27	16.10	17.0	0.0
0.0	100	64QAM	1	137	16.27	16.29	16.08	17.0	0.0
1.5	100	256QAM	1	137	16.31	16.26	16.03	17.0	0.0
MPR (dB)		Channel			508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)			2541	2592.99	2644.98		
0.0	90	QPSK	1	120	16.30	16.37	16.23	17.0	0.0
MPR (dB)		Channel			507204	518598	529992	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)			2536.02	2592.99	2649.99		
0.0	80	QPSK	1	109	16.28	16.37	16.09	17.0	0.0
MPR (dB)		Channel			505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)			2526	2592.99	2659.98		
0.0	60	QPSK	1	81	16.29	16.41	16.13	17.0	0.0
MPR (dB)		Channel			504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)			2521.02	2592.99	2664.99		
0.0	50	QPSK	1	67	16.31	16.34	16.18	17.0	0.0
MPR (dB)		Channel			503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)			2516.01	2592.99	2670		
0.0	40	QPSK	1	53	16.31	16.36	16.20	17.0	0.0
MPR (dB)		Channel			502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)			2511	2592.99	2674.98		
0.0	30	QPSK	1	39	16.25	16.43	16.13	17.0	0.0
MPR (dB)		Channel			501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
		Frequency (MHz)			2506.02	2592.99	2679.99		
0.0	20	QPSK	1	26	16.25	16.41	16.09	17.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		16.91			
100	PI/2 BPSK	1	137		16.88		17.5	0.0
100	PI/2 BPSK	1	271		16.87			
100	PI/2 BPSK	135	0		16.89		17.5	0.0
100	PI/2 BPSK	135	69		16.93		17.5	0.0
100	PI/2 BPSK	135	138		16.89		17.5	0.0
100	PI/2 BPSK	270	0		16.93			
100	QPSK	1	1		16.91			
100	QPSK	1	137		16.94		17.5	0.0
100	QPSK	1	271		16.91			
100	QPSK	135	0		16.83			
100	QPSK	135	69		16.89		17.5	0.0
100	QPSK	135	138		16.80			
100	QPSK	270	0		16.83		17.5	0.0
100	16QAM	1	137		16.89		17.5	0.0
100	64QAM	1	137		16.90		17.5	0.0
100	256QAM	1	137		16.88		17.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	16.86	16.89	16.81	17.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	16.83	16.89	16.80	17.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3519.99		
70	QPSK	1	95	16.80	16.84	16.80	17.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
60	QPSK	1	81	16.79	16.87	16.81	17.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
50	QPSK	1	67	16.82	16.90	16.82	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
40	QPSK	1	53	16.84	16.85	16.78	17.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	16.85	16.87	16.76	17.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	16.82	16.87	16.76	17.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		20.32			
100	PI/2 BPSK	1	137		20.29		20.5	0.0
100	PI/2 BPSK	1	271		20.31			
100	PI/2 BPSK	135	0		20.32		20.5	0.0
100	PI/2 BPSK	135	69		20.27		20.5	0.0
100	PI/2 BPSK	135	138		20.28		20.5	0.0
100	PI/2 BPSK	270	0		20.28			
100	QPSK	1	1		20.26			
100	QPSK	1	137		20.36		20.5	0.0
100	QPSK	1	271		20.33			
100	QPSK	135	0		20.20			
100	QPSK	135	69		20.23		20.5	0.0
100	QPSK	135	138		20.15			
100	QPSK	270	0		20.18		20.5	0.0
100	16QAM	1	137		20.25		20.5	0.0
100	64QAM	1	137		20.18		20.5	0.0
100	256QAM	1	137		20.15		20.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	20.25	20.26	20.20	20.5	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	20.20	20.32	20.15	20.5	0.0
Channel				632234	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	20.24	20.31	20.23	20.5	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	20.22	20.27	20.23	20.5	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	20.28	20.34	20.20	20.5	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	20.22	20.26	20.18	20.5	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	20.22	20.33	20.20	20.5	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	20.26	20.35	20.19	20.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		16.44			
100	PI/2 BPSK	1	137		16.42		17.5	0.0
100	PI/2 BPSK	1	271		16.45			
100	PI/2 BPSK	135	0		16.41		17.5	0.0
100	PI/2 BPSK	135	69		16.42		17.5	0.0
100	PI/2 BPSK	135	138		16.46		17.5	0.0
100	PI/2 BPSK	270	0		16.46			
100	QPSK	1	1		16.47			
100	QPSK	1	137		16.52		17.5	0.0
100	QPSK	1	271		16.47			
100	QPSK	135	0		16.43			
100	QPSK	135	69		16.47		17.5	0.0
100	QPSK	135	138		16.40			
100	QPSK	270	0		16.43		17.5	0.0
100	16QAM	1	137		16.44		17.5	0.0
100	64QAM	1	137		16.45		17.5	0.0
100	256QAM	1	137		16.42		17.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	16.42	16.44	16.32	17.5	0.0
Channel				649334	650002	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	16.46	16.41	16.34	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	16.49	16.47	16.38	17.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	16.42	16.44	16.38	17.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	16.41	16.47	16.39	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	16.46	16.51	16.31	17.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	16.38	16.44	16.39	17.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	16.43	16.44	16.33	17.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		19.82		20.5	0.0
100	PI/2 BPSK	1	137		19.90			
100	PI/2 BPSK	1	271		19.88			
100	PI/2 BPSK	135	0		19.87		20.5	0.0
100	PI/2 BPSK	135	69		19.90		20.5	0.0
100	PI/2 BPSK	135	138		19.83		20.5	0.0
100	PI/2 BPSK	270	0		19.89			
100	QPSK	1	1		19.86		20.5	0.0
100	QPSK	1	137		19.93			
100	QPSK	1	271		19.90			
100	QPSK	135	0		19.80		20.5	0.0
100	QPSK	135	69		19.84			
100	QPSK	135	138		19.75			
100	QPSK	270	0		19.78		20.5	0.0
100	16QAM	1	137		19.82		20.5	0.0
100	64QAM	1	137		19.73		20.5	0.0
100	256QAM	1	137		19.78		20.5	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	19.77	19.86	19.77	20.5	0.0
Channel				640334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	19.82	19.81	19.81	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.84	19.91	19.80	20.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	19.81	19.86	19.76	20.5	0.0
Channel				640334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	19.79	19.88	19.83	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.83	19.85	19.80	20.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	19.80	19.88	19.75	20.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	19.80	19.89	19.79	20.5	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		11.03		12.0	0.0
100	PI/2 BPSK	1	137		10.99			
100	PI/2 BPSK	1	271		11.03			
100	PI/2 BPSK	135	0		11.01		12.0	0.0
100	PI/2 BPSK	135	69		11.05		12.0	0.0
100	PI/2 BPSK	135	138		11.03		12.0	0.0
100	PI/2 BPSK	270	0		11.02			
100	QPSK	1	1		11.07		12.0	0.0
100	QPSK	1	137		11.09			
100	QPSK	1	271		11.05			
100	QPSK	135	0		11.02		12.0	0.0
100	QPSK	135	69		11.03			
100	QPSK	135	138		11.00			
100	QPSK	270	0		10.97		12.0	0.0
100	16QAM	1	137		11.02		12.0	0.0
100	64QAM	1	137		10.95		12.0	0.0
100	256QAM	1	137		10.98		12.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	11.00	11.03	10.90	12.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	10.92	10.99	10.94	12.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	10.97	11.04	10.97	12.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	10.97	11.01	10.98	12.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	10.93	11.02	10.97	12.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	10.99	11.04	10.95	12.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	11.01	11.01	10.94	12.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	10.99	11.01	10.93	12.0	0.0

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BW [Mhz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid/e Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.85		15.0	0.0
100	PI/2 BPSK	1	137		14.86			
100	PI/2 BPSK	1	271		14.84			
100	PI/2 BPSK	135	0		14.94		15.0	0.0
100	PI/2 BPSK	135	69		14.86		15.0	0.0
100	PI/2 BPSK	135	138		14.84		15.0	0.0
100	PI/2 BPSK	270	0		14.89			
100	QPSK	1	1		14.90		15.0	0.0
100	QPSK	1	137		14.95			
100	QPSK	1	271		14.92			
100	QPSK	135	0		14.89		15.0	0.0
100	QPSK	135	69		14.93			
100	QPSK	135	138		14.80			
100	QPSK	270	0		14.90		15.0	0.0
100	16QAM	1	137		14.85		15.0	0.0
100	64QAM	1	137		14.91		15.0	0.0
100	256QAM	1	137		14.85		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.84	14.89	14.86	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.86	14.84	14.82	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.85	14.90	14.76	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.79	14.88	14.75	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.86	14.93	14.75	15.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.87	14.93	14.83	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.81	14.91	14.76	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.85	14.90	14.82	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		10.97			
100	PI/2 BPSK	1	137		10.98		12.0	0.0
100	PI/2 BPSK	1	271		10.95			
100	PI/2 BPSK	135	0		10.97		12.0	0.0
100	PI/2 BPSK	135	69		10.98		12.0	0.0
100	PI/2 BPSK	135	138		10.97		12.0	0.0
100	PI/2 BPSK	270	0		10.97			
100	QPSK	1	1		10.95			
100	QPSK	1	137		11.03		12.0	0.0
100	QPSK	1	271		11.00			
100	QPSK	135	0		10.95			
100	QPSK	135	69		10.97		12.0	0.0
100	QPSK	135	138		10.90			
100	QPSK	270	0		10.93		12.0	0.0
100	16QAM	1	137		10.89		12.0	0.0
100	64QAM	1	137		10.85		12.0	0.0
100	256QAM	1	137		10.87		12.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	10.95	10.98	10.95	12.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	10.96	10.96	10.88	12.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	10.92	11.02	10.93	12.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	10.94	11.00	10.95	12.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	10.90	10.99	10.87	12.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	10.94	10.98	10.88	12.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	10.91	11.00	10.87	12.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	10.92	10.98	10.89	12.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.86			
100	PI/2 BPSK	1	137		14.90		15.0	0.0
100	PI/2 BPSK	1	271		14.92			
100	PI/2 BPSK	135	0		14.90		15.0	0.0
100	PI/2 BPSK	135	69		14.91		15.0	0.0
100	PI/2 BPSK	135	138		14.90		15.0	0.0
100	PI/2 BPSK	270	0		14.90			
100	QPSK	1	1		14.91			
100	QPSK	1	137		14.94		15.0	0.0
100	QPSK	1	271		14.92			
100	QPSK	135	0		14.85			
100	QPSK	135	69		14.90		15.0	0.0
100	QPSK	135	138		14.83			
100	QPSK	270	0		14.85		15.0	0.0
100	16QAM	1	137		14.90		15.0	0.0
100	64QAM	1	137		14.88		15.0	0.0
100	256QAM	1	137		14.92		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	14.81	14.88	14.76	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	14.83	14.89	14.82	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	14.85	14.85	14.83	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.85	14.85	14.80	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	14.81	14.84	14.77	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	14.90	14.89	14.82	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	14.86	14.91	14.77	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	14.84	14.89	14.82	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		12.29			
100	PI/2 BPSK	1	137		12.30		13.3	0.0
100	PI/2 BPSK	1	271		12.29			
100	PI/2 BPSK	135	0		12.28		13.3	0.0
100	PI/2 BPSK	135	69		12.31		13.3	0.0
100	PI/2 BPSK	135	138		12.30		13.3	0.0
100	PI/2 BPSK	270	0		12.30			
100	QPSK	1	1		12.23			
100	QPSK	1	137		12.34		13.3	0.0
100	QPSK	1	271		12.31			
100	QPSK	135	0		12.25			
100	QPSK	135	69		12.28		13.3	0.0
100	QPSK	135	138		12.29			
100	QPSK	270	0		12.23		13.3	0.0
100	16QAM	1	137		12.28		13.3	0.0
100	64QAM	1	137		12.22		13.3	0.0
100	256QAM	1	137		12.29		13.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	12.19	12.22	12.20	13.3	0.0
Channel				632668	633332	634002	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	12.17	12.22	12.19	13.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	12.27	12.24	12.15	13.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	12.22	12.29	12.15	13.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	12.19	12.23	12.17	13.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	12.25	12.24	12.12	13.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	12.25	12.33	12.14	13.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	12.23	12.31	12.18	13.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		15.32			
100	PI/2 BPSK	1	137		15.29		16.3	0.0
100	PI/2 BPSK	1	271		15.26			
100	PI/2 BPSK	135	0		15.31		16.3	0.0
100	PI/2 BPSK	135	69		15.32		16.3	0.0
100	PI/2 BPSK	135	138		15.32		16.3	0.0
100	PI/2 BPSK	270	0		15.28			
100	QPSK	1	1		15.27			
100	QPSK	1	137		15.26		16.3	0.0
100	QPSK	1	271		15.26			
100	QPSK	135	0		15.22			
100	QPSK	135	69		15.28		16.3	0.0
100	QPSK	135	138		15.20			
100	QPSK	270	0		15.23		16.3	0.0
100	16QAM	1	137		15.27		16.3	0.0
100	64QAM	1	137		15.27		16.3	0.0
100	256QAM	1	137		15.33		16.3	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	15.25	15.29	15.21	16.3	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	15.28	15.29	15.24	16.3	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	15.25	15.27	15.28	16.3	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	15.25	15.31	15.26	16.3	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	15.21	15.33	15.23	16.3	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	15.24	15.28	15.26	16.3	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	15.26	15.34	15.26	16.3	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	15.29	15.31	15.22	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		12.24			
100	PI/2 BPSK	1	137		12.25		13.3	0.0
100	PI/2 BPSK	1	271		12.29			
100	PI/2 BPSK	135	0		12.21		13.3	0.0
100	PI/2 BPSK	135	69		12.25		13.3	0.0
100	PI/2 BPSK	135	138		12.26		13.3	0.0
100	PI/2 BPSK	270	0		12.23			
100	QPSK	1	1		12.27			
100	QPSK	1	137		12.32		13.3	0.0
100	QPSK	1	271		12.27			
100	QPSK	135	0		12.25			
100	QPSK	135	69		12.28		13.3	0.0
100	QPSK	135	138		12.21			
100	QPSK	270	0		12.23		13.3	0.0
100	16QAM	1	137		12.24		13.3	0.0
100	64QAM	1	137		12.25		13.3	0.0
100	256QAM	1	137		12.28		13.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	12.21	12.29	12.25	13.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	12.21	12.27	12.21	13.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	12.26	12.31	12.25	13.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	12.23	12.29	12.17	13.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	12.26	12.30	12.18	13.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	12.25	12.31	12.21	13.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	12.22	12.25	12.20	13.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	12.18	12.27	12.19	13.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		15.23			
100	PI/2 BPSK	1	137		15.21		16.3	0.0
100	PI/2 BPSK	1	271		15.25			
100	PI/2 BPSK	135	0		15.24		16.3	0.0
100	PI/2 BPSK	135	69		15.31		16.3	0.0
100	PI/2 BPSK	135	138		15.26		16.3	0.0
100	PI/2 BPSK	270	0		15.29			
100	QPSK	1	1		15.28			
100	QPSK	1	137		15.32		16.3	0.0
100	QPSK	1	271		15.30			
100	QPSK	135	0		15.23			
100	QPSK	135	69		15.26		16.3	0.0
100	QPSK	135	138		15.20			
100	QPSK	270	0		15.21		16.3	0.0
100	16QAM	1	137		15.28		16.3	0.0
100	64QAM	1	137		15.31		16.3	0.0
100	256QAM	1	137		15.29		16.3	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	15.22	15.24	15.22	16.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	15.22	15.28	15.16	16.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.22	15.28	15.19	16.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	15.19	15.31	15.20	16.3	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	15.16	15.29	15.14	16.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.24	15.27	15.22	16.3	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	15.23	15.25	15.18	16.3	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	15.26	15.25	15.14	16.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		14.16			
100	PI/2 BPSK	1	137		14.21		15.0	0.0
100	PI/2 BPSK	1	271		14.18			
100	PI/2 BPSK	135	0		14.17		15.0	0.0
100	PI/2 BPSK	135	69		14.17		15.0	0.0
100	PI/2 BPSK	135	138		14.16		15.0	0.0
100	PI/2 BPSK	270	0		14.22			
100	QPSK	1	1		14.15			
100	QPSK	1	137		14.25		15.0	0.0
100	QPSK	1	271		14.21			
100	QPSK	135	0		14.18			
100	QPSK	135	69		14.22		15.0	0.0
100	QPSK	135	138		14.15			
100	QPSK	270	0		14.19		15.0	0.0
100	16QAM	1	137		14.19		15.0	0.0
100	64QAM	1	137		14.18		15.0	0.0
100	256QAM	1	137		14.16		15.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	14.16	14.20	14.18	15.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	14.11	14.22	14.11	15.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	14.13	14.20	14.13	15.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	14.16	14.18	14.14	15.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	14.19	14.22	14.16	15.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	14.18	14.21	14.14	15.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	14.18	14.15	14.13	15.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	14.22	14.21	14.16	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633332			
Frequency (MHz)					3499.98			
100	PI/2 BPSK	1	1		17.67			
100	PI/2 BPSK	1	137		17.63		18.0	0.0
100	PI/2 BPSK	1	271		17.68			
100	PI/2 BPSK	135	0		17.69		18.0	0.0
100	PI/2 BPSK	135	69		17.66		18.0	0.0
100	PI/2 BPSK	135	138		17.71		18.0	0.0
100	PI/2 BPSK	270	0		17.67			
100	QPSK	1	1		17.66			
100	QPSK	1	137		17.72		18.0	0.0
100	QPSK	1	271		17.65			
100	QPSK	135	0		17.62			
100	QPSK	135	69		17.67		18.0	0.0
100	QPSK	135	138		17.58			
100	QPSK	270	0		17.63		18.0	0.0
100	16QAM	1	137		17.62		18.0	0.0
100	64QAM	1	137		17.65		18.0	0.0
100	256QAM	1	137		17.63		18.0	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3499.98	3504.99		
90	QPSK	1	120	17.63	17.66	17.63	18.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	109	17.58	17.67	17.53	18.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3499.98	3514.98		
70	QPSK	1	95	17.62	17.66	17.62	18.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3519.99		
60	QPSK	1	81	17.56	17.69	17.57	18.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	67	17.64	17.68	17.60	18.0	0.0
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98		
40	QPSK	1	53	17.68	17.64	17.57	18.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.99		
30	QPSK	1	39	17.63	17.67	17.53	18.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	26	17.65	17.64	17.62	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		14.01		15.0	0.0
100	PI/2 BPSK	1	137		14.03			
100	PI/2 BPSK	1	271		14.00			
100	PI/2 BPSK	135	0		13.96		15.0	0.0
100	PI/2 BPSK	135	69		14.02		15.0	0.0
100	PI/2 BPSK	135	138		13.95		15.0	0.0
100	PI/2 BPSK	270	0		13.96			
100	QPSK	1	1		14.01		15.0	0.0
100	QPSK	1	137		14.05			
100	QPSK	1	271		13.98			
100	QPSK	135	0		13.95		15.0	0.0
100	QPSK	135	69		13.97			
100	QPSK	135	138		13.91			
100	QPSK	270	0		13.95		15.0	0.0
100	16QAM	1	137		13.98		15.0	0.0
100	64QAM	1	137		13.98		15.0	0.0
100	256QAM	1	137		13.97		15.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	13.96	14.01	13.90	15.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	13.97	14.03	13.90	15.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	13.99	13.99	13.96	15.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	14.00	13.96	13.88	15.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	13.94	14.01	13.92	15.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	13.99	14.02	13.97	15.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	13.94	14.01	13.89	15.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	13.98	14.02	13.94	15.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		17.49		18.0	0.0
100	PI/2 BPSK	1	137		17.43			
100	PI/2 BPSK	1	271		17.43			
100	PI/2 BPSK	135	0		17.42		18.0	0.0
100	PI/2 BPSK	135	69		17.50		18.0	0.0
100	PI/2 BPSK	135	138		17.48		18.0	0.0
100	PI/2 BPSK	270	0		17.47			
100	QPSK	1	1		17.45		18.0	0.0
100	QPSK	1	137		17.52			
100	QPSK	1	271		17.42			
100	QPSK	135	0		17.38		18.0	0.0
100	QPSK	135	69		17.48			
100	QPSK	135	138		17.42			
100	QPSK	270	0		17.45		18.0	0.0
100	16QAM	1	137		17.45		18.0	0.0
100	64QAM	1	137		17.48		18.0	0.0
100	256QAM	1	137		17.42		18.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	QPSK	1	120	17.38	17.47	17.32	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	QPSK	1	109	17.43	17.47	17.42	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	17.42	17.46	17.37	18.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	QPSK	1	81	17.44	17.50	17.37	18.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	QPSK	1	67	17.44	17.50	17.41	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.41	17.48	17.34	18.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	QPSK	1	39	17.43	17.51	17.37	18.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	QPSK	1	26	17.38	17.47	17.39	18.0	0.0

Full&Default Power Mode for Inter CA

Band 2 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45	23	0
20	QPSK	1	49	22.53	22.61	22.46		
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38	22	1
20	QPSK	50	24	21.40	21.52	21.39		
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39	22	1
20	16QAM	1	49	21.62	21.65	21.49		
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50	21	2
20	16QAM	50	24	20.66	20.68	20.56		
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54	21	2
20	64QAM	1	49	20.72	20.74	20.66		
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57	20	3
20	64QAM	50	24	19.57	19.66	19.64		
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.48	17.45	18	5
20	256QAM	1	49	17.51	17.62	17.60		
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55	18	5
20	256QAM	50	24	17.55	17.63	17.58		
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36	23	0
15	QPSK	1	37	22.49	22.53	22.40		
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.39	21.51	21.40	22	1
15	QPSK	36	20	21.36	21.40	21.36		
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.36	21.52	21.32	22	1
15	16QAM	1	37	21.59	21.58	21.40		
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47	21	2
15	16QAM	36	20	20.60	20.60	20.53		
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47	21	2
15	64QAM	1	37	20.65	20.71	20.58		
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50	20	3
15	64QAM	36	20	19.51	19.63	19.56		
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41	18	5
15	256QAM	1	37	17.49	17.55	17.54		
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.52	17.48	18	5
15	256QAM	36	20	17.49	17.56	17.46		
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41	23	0
10	QPSK	1	25	22.49	22.55	22.37		
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32	22	1
10	QPSK	25	12	21.45	21.50	21.30		
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.43	21.46	21.36	22	1
10	16QAM	1	25	21.56	21.57	21.41		
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45	21	2
10	16QAM	25	12	20.66	20.64	20.53		
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49	21	2
10	64QAM	1	25	20.63	20.62	20.62		
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55	20	3
10	64QAM	25	12	19.55	19.56	19.60		
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42	18	5
10	256QAM	1	25	17.45	17.62	17.60		
10	256QAM	1	49	17.31	17.30	17.22		
10	256QAM	25	0	17.44	17.53	17.50	18	5
10	256QAM	25	12	17.49	17.56	17.53		
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.51	17.56		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44	23	0
5	QPSK	1	12	22.49	22.55	22.35		
5	QPSK	1	24	22.24	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31	22	1
5	QPSK	12	7	21.41	21.43	21.36		
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.47	21.35	22	1
5	16QAM	1	12	21.58	21.56	21.42		
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46	21	2
5	16QAM	12	7	20.65	20.65	20.45		
5	16QAM	12	13	20.57	20.59	20.44		
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50	21	2
5	64QAM	1	12	20.64	20.68	20.63		
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52	20	3
5	64QAM	12	7	19.52	19.58	19.58		
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43	18	5
5	256QAM	1	12	17.46	17.59	17.55		
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51	18	5
5	256QAM	12	7	17.47	17.59	17.51		
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43	23	0
3	QPSK	1	8	22.52	22.56	22.44		
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34	22	1
3	QPSK	8	4	21.39	21.47	21.30		
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.36	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.30	22	1
3	16QAM	1	8	21.61	21.59	21.41		
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47	21	2
3	16QAM	8	4	20.60	20.63	20.53		
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48	21	2
3	64QAM	1	8	20.63	20.63	20.63		
3	64QAM	1	14	20.48	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57	20	3
3	64QAM	8	4	19.51	19.61	19.59		
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41	18	5
3	256QAM	1	8	17.41	17.58	17.58		
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51	18	5
3	256QAM	8	4	17.51	17.55	17.54		
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35	23	0
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20		
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	1	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39	22	1
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23		
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.50	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.65	20.57	20.51	21	2
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42		
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44	18	5
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33		
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.42	24.46	24.32	25	0
20	QPSK	1	49	24.47	24.51	24.34		
20	QPSK	1	99	24.23	24.28	24.11		
20	QPSK	50	0	23.30	23.38	23.23	24	1
20	QPSK	50	24	23.38	23.43	23.31		
20	QPSK	50	50	23.27	23.33	23.19		
20	QPSK	100	0	23.32	23.38	23.24		
20	16QAM	1	0	23.32	23.41	23.29	24	1
20	16QAM	1	49	23.47	23.56	23.41		
20	16QAM	1	99	23.27	23.34	23.17		
20	16QAM	50	0	22.42	22.52	22.35	23	2
20	16QAM	50	24	22.44	22.55	22.41		
20	16QAM	50	50	22.35	22.48	22.33		
20	16QAM	100	0	22.41	22.56	22.44		
20	64QAM	1	0	22.42	22.56	22.47	23	2
20	64QAM	1	49	22.52	22.66	22.57		
20	64QAM	1	99	22.31	22.46	22.36		
20	64QAM	50	0	21.40	21.51	21.46	22	3
20	64QAM	50	24	21.48	21.56	21.55		
20	64QAM	50	50	21.43	21.50	21.45		
20	64QAM	100	0	21.40	21.48	21.46		
20	256QAM	1	0	19.28	19.35	19.31	20	5
20	256QAM	1	49	19.40	19.51	19.49		
20	256QAM	1	99	19.23	19.30	19.27		
20	256QAM	50	0	19.37	19.46	19.44	20	5
20	256QAM	50	24	19.43	19.50	19.49		
20	256QAM	50	50	19.40	19.48	19.43		
20	256QAM	100	0	19.36	19.43	19.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.32	24.40	24.24	25	0
15	QPSK	1	37	24.44	24.43	24.30		
15	QPSK	1	74	24.20	24.25	24.04		
15	QPSK	36	0	23.20	23.27	23.21	24	1
15	QPSK	36	20	23.31	23.32	23.25		
15	QPSK	36	39	23.17	23.24	23.17		
15	QPSK	75	0	23.22	23.32	23.25		
15	16QAM	1	0	23.27	23.33	23.23	24	1
15	16QAM	1	37	23.37	23.55	23.34		
15	16QAM	1	74	23.22	23.29	23.16		
15	16QAM	36	0	22.37	22.45	22.30	23	2
15	16QAM	36	20	22.39	22.51	22.38		
15	16QAM	36	39	22.26	22.39	22.23		
15	16QAM	75	0	22.33	22.47	22.32		
15	64QAM	1	0	22.38	22.54	22.48	23	2
15	64QAM	1	37	22.46	22.62	22.47		
15	64QAM	1	74	22.25	22.40	22.31		
15	64QAM	36	0	21.34	21.47	21.41	22	3
15	64QAM	36	20	21.44	21.51	21.51		
15	64QAM	36	39	21.33	21.44	21.40		
15	64QAM	75	0	21.39	21.43	21.37		
15	256QAM	1	0	19.23	19.29	19.25	20	5
15	256QAM	1	37	19.36	19.44	19.40		
15	256QAM	1	74	19.20	19.21	19.20		
15	256QAM	36	0	19.32	19.41	19.37	20	5
15	256QAM	36	20	19.32	19.41	19.43		
15	256QAM	36	39	19.34	19.42	19.38		
15	256QAM	75	0	19.30	19.35	19.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.42	24.39	24.32	25	0
10	QPSK	1	25	24.48	24.46	24.26		
10	QPSK	1	49	24.14	24.26	24.10		
10	QPSK	25	0	23.26	23.31	23.16	24	1
10	QPSK	25	12	23.31	23.40	23.27		
10	QPSK	25	25	23.24	23.23	23.14		
10	QPSK	50	0	23.29	23.32	23.22		
10	16QAM	1	0	23.28	23.36	23.21	24	1
10	16QAM	1	25	23.42	23.51	23.37		
10	16QAM	1	49	23.24	23.32	23.13		
10	16QAM	25	0	22.39	22.45	22.23	23	2
10	16QAM	25	12	22.38	22.54	22.31		
10	16QAM	25	25	22.28	22.42	22.28		
10	16QAM	50	0	22.40	22.52	22.32		
10	64QAM	1	0	22.32	22.54	22.38	23	2
10	64QAM	1	25	22.50	22.61	22.52		
10	64QAM	1	49	22.24	22.40	22.31		
10	64QAM	25	0	21.34	21.41	21.38	22	3
10	64QAM	25	12	21.40	21.51	21.45		
10	64QAM	25	25	21.32	21.45	21.42		
10	64QAM	50	0	21.31	21.44	21.44		
10	256QAM	1	0	19.23	19.34	19.28	20	5
10	256QAM	1	25	19.39	19.52	19.45		
10	256QAM	1	49	19.16	19.23	19.19		
10	256QAM	25	0	19.31	19.46	19.38	20	5
10	256QAM	25	12	19.36	19.44	19.46		
10	256QAM	25	25	19.29	19.45	19.37		
10	256QAM	50	0	19.27	19.39	19.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.40	24.36	24.24	25	0
5	QPSK	1	12	24.39	24.46	24.28		
5	QPSK	1	24	24.12	24.20	24.08		
5	QPSK	12	0	23.30	23.36	23.21	24	1
5	QPSK	12	7	23.38	23.39	23.22		
5	QPSK	12	13	23.20	23.26	23.09		
5	QPSK	25	0	23.24	23.34	23.17		
5	16QAM	1	0	23.21	23.38	23.24	24	1
5	16QAM	1	12	23.45	23.55	23.33		
5	16QAM	1	24	23.27	23.28	23.11		
5	16QAM	12	0	22.39	22.47	22.29	23	2
5	16QAM	12	7	22.36	22.54	22.35		
5	16QAM	12	13	22.31	22.39	22.27		
5	16QAM	25	0	22.30	22.47	22.44		
5	64QAM	1	0	22.42	22.47	22.38	23	2
5	64QAM	1	12	22.60	22.62	22.48		
5	64QAM	1	24	22.23	22.40	22.35		
5	64QAM	12	0	21.40	21.42	21.43	22	3
5	64QAM	12	7	21.46	21.49	21.48		
5	64QAM	12	13	21.41	21.42	21.43		
5	64QAM	25	0	21.38	21.42	21.46		
5	256QAM	1	0	19.24	19.27	19.29	20	5
5	256QAM	1	12	19.39	19.44	19.46		
5	256QAM	1	24	19.14	19.26	19.21		
5	256QAM	12	0	19.30	19.45	19.41	20	5
5	256QAM	12	7	19.38	19.50	19.44		
5	256QAM	12	13	19.35	19.44	19.33		
5	256QAM	25	0	19.31	19.39	19.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.33	24.36	24.24	25	0
3	QPSK	1	8	24.37	24.45	24.27		
3	QPSK	1	14	24.14	24.22	24.04		
3	QPSK	8	0	23.26	23.32	23.19	24	1
3	QPSK	8	4	23.35	23.33	23.25		
3	QPSK	8	7	23.24	23.34	23.13		
3	QPSK	15	0	23.24	23.27	23.18		
3	16QAM	1	0	23.21	23.33	23.25	24	1
3	16QAM	1	8	23.42	23.47	23.40		
3	16QAM	1	14	23.23	23.29	23.08		
3	16QAM	8	0	22.32	22.42	22.30	23	2
3	16QAM	8	4	22.45	22.46	22.39		
3	16QAM	8	7	22.31	22.45	22.28		
3	16QAM	15	0	22.36	22.47	22.39		
3	64QAM	1	0	22.37	22.46	22.42	23	2
3	64QAM	1	8	22.44	22.62	22.51		
3	64QAM	1	14	22.22	22.43	22.33		
3	64QAM	8	0	21.35	21.46	21.40	22	3
3	64QAM	8	4	21.43	21.52	21.49		
3	64QAM	8	7	21.38	21.47	21.41		
3	64QAM	15	0	21.32	21.43	21.38		
3	256QAM	1	0	19.26	19.26	19.29	20	5
3	256QAM	1	8	19.31	19.44	19.48		
3	256QAM	1	14	19.17	19.24	19.23		
3	256QAM	8	0	19.29	19.39	19.39	20	5
3	256QAM	8	4	19.39	19.48	19.47		
3	256QAM	8	7	19.38	19.45	19.34		
3	256QAM	15	0	19.32	19.37	19.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.38	24.37	24.21	25	0
1.4	QPSK	1	3	24.41	24.42	24.28		
1.4	QPSK	1	5	24.17	24.26	24.03		
1.4	QPSK	3	0	24.28	24.35	24.20		
1.4	QPSK	3	1	24.36	24.32	24.20		
1.4	QPSK	3	3	24.08	24.15	23.94		
1.4	QPSK	6	0	23.27	23.30	23.18	24	1
1.4	16QAM	1	0	23.28	23.39	23.23	24	1
1.4	16QAM	1	3	23.42	23.46	23.39		
1.4	16QAM	1	5	23.18	23.32	23.10		
1.4	16QAM	3	0	23.24	23.30	23.18		
1.4	16QAM	3	1	23.34	23.38	23.37		
1.4	16QAM	3	3	23.11	23.33	22.99		
1.4	16QAM	6	0	22.39	22.51	22.42	23	2
1.4	64QAM	1	0	22.36	22.47	22.37	23	2
1.4	64QAM	1	3	22.42	22.61	22.51		
1.4	64QAM	1	5	22.24	22.37	22.36		
1.4	64QAM	3	0	22.29	22.43	22.31		
1.4	64QAM	3	1	22.36	22.60	22.42		
1.4	64QAM	3	3	22.21	22.36	22.35		
1.4	64QAM	6	0	21.30	21.42	21.40	22	3
1.4	256QAM	1	0	19.22	19.30	19.23	20	5
1.4	256QAM	1	3	19.34	19.44	19.47		
1.4	256QAM	1	5	19.21	19.27	19.27		
1.4	256QAM	3	0	19.33	19.43	19.39		
1.4	256QAM	3	1	19.36	19.44	19.49		
1.4	256QAM	3	3	19.33	19.46	19.35		
1.4	256QAM	6	0	19.27	19.34	19.35	20	5

Band 4 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.65	24.66	24.57	25.5	0
20	QPSK	1	49	24.75	24.76	24.69		
20	QPSK	1	99	24.51	24.47	24.56		
20	QPSK	50	0	23.57	23.57	23.58	24.5	1
20	QPSK	50	24	23.70	23.75	23.68		
20	QPSK	50	50	23.57	23.63	23.61		
20	QPSK	100	0	23.53	23.62	23.55		
20	16QAM	1	0	23.82	23.78	23.77	24.5	1
20	16QAM	1	49	23.84	23.84	23.85		
20	16QAM	1	99	23.64	23.66	23.69		
20	16QAM	50	0	22.50	22.71	22.60	23.5	2
20	16QAM	50	24	22.64	22.59	22.65		
20	16QAM	50	50	22.55	22.57	22.69		
20	16QAM	100	0	22.48

Band 4 Main PA_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	23.77	23.72	23.75	24.2	0
20	QPSK	1	49	23.80	23.82	23.80		
20	QPSK	1	99	23.63	23.61	23.69		
20	QPSK	50	0	22.76	22.90	22.67	23.2	1
20	QPSK	50	24	22.86	22.91	22.77		
20	QPSK	50	50	22.72	22.80	22.71		
20	QPSK	100	0	22.67	22.83	22.75		
20	16QAM	1	0	22.93	23.00	22.94	23.2	1
20	16QAM	1	49	23.06	23.02	23.04		
20	16QAM	1	99	22.81	22.84	22.84		
20	16QAM	50	0	21.64	21.87	21.74	22.2	2
20	16QAM	50	24	21.81	21.79	21.82		
20	16QAM	50	50	21.69	21.76	21.83		
20	16QAM	100	0	21.68	21.80	21.76		
20	64QAM	1	0	21.80	21.94	21.94	22.2	2
20	64QAM	1	49	21.92	22.03	22.01		
20	64QAM	1	99	21.67	21.81	21.86		
20	64QAM	50	0	20.61	20.83	20.70	21.2	3
20	64QAM	50	24	20.78	20.74	20.78		
20	64QAM	50	50	20.66	20.72	20.78		
20	64QAM	100	0	20.63	20.77	20.74		
20	256QAM	1	0	18.83	18.83	18.90	19.2	5
20	256QAM	1	49	18.89	19.00	18.98		
20	256QAM	1	99	18.98	18.93	18.88		
20	256QAM	50	0	18.86	18.85	18.96	19.2	5
20	256QAM	50	24	19.07	18.90	18.95		
20	256QAM	50	50	18.99	18.86	18.90		
20	256QAM	100	0	18.99	18.96	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.78	23.71	23.65	24.2	0
15	QPSK	1	37	23.81	23.74	23.67		
15	QPSK	1	74	23.56	23.64	23.67		
15	QPSK	36	0	22.79	22.95	22.70	23.2	1
15	QPSK	36	20	22.86	22.84	22.76		
15	QPSK	36	39	22.66	22.77	22.66		
15	QPSK	75	0	22.62	22.75	22.79		
15	16QAM	1	0	22.98	23.00	22.87	23.2	1
15	16QAM	1	37	23.09	23.02	23.00		
15	16QAM	1	74	22.81	22.82	22.74		
15	16QAM	36	0	21.55	21.86	21.72	22.2	2
15	16QAM	36	20	21.75	21.69	21.84		
15	16QAM	36	39	21.69	21.76	21.78		
15	16QAM	75	0	21.73	21.81	21.70		
15	64QAM	1	0	21.81	21.94	21.86	22.2	2
15	64QAM	1	37	21.89	22.04	21.97		
15	64QAM	1	74	21.66	21.86	21.78		
15	64QAM	36	0	20.65	20.81	20.62	21.2	3
15	64QAM	36	20	20.73	20.73	20.80		
15	64QAM	36	39	20.56	20.62	20.70		
15	64QAM	75	0	20.68	20.67	20.65		
15	256QAM	1	0	18.83	18.83	18.81	19.2	5
15	256QAM	1	37	18.90	19.01	18.98		
15	256QAM	1	74	18.91	18.95	18.80		
15	256QAM	36	0	18.76	18.80	18.91	19.2	5
15	256QAM	36	20	18.99	18.85	18.92		
15	256QAM	36	39	19.02	18.76	18.80		
15	256QAM	75	0	18.95	18.88	18.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.76	23.76	23.77	24.2	0
10	QPSK	1	25	23.81	23.72	23.70		
10	QPSK	1	49	23.58	23.57	23.72		
10	QPSK	25	0	22.78	22.85	22.65	23.2	1
10	QPSK	25	12	22.85	22.90	22.76		
10	QPSK	25	25	22.63	22.78	22.69		
10	QPSK	50	0	22.70	22.74	22.74		
10	16QAM	1	0	22.92	22.91	22.95	23.2	1
10	16QAM	1	25	23.04	22.98	23.09		
10	16QAM	1	49	22.86	22.82	22.75		
10	16QAM	25	0	21.59	21.80	21.68	22.2	2
10	16QAM	25	12	21.72	21.83	21.80		
10	16QAM	25	25	21.60	21.73	21.85		
10	16QAM	50	0	21.60	21.83	21.66		
10	64QAM	1	0	21.79	21.85	21.91	22.2	2
10	64QAM	1	25	21.92	22.01	21.96		
10	64QAM	1	49	21.58	21.77	21.81		
10	64QAM	25	0	20.59	20.75	20.67	21.2	3
10	64QAM	25	12	20.68	20.65	20.79		
10	64QAM	25	25	20.66	20.67	20.79		
10	64QAM	50	0	20.54	20.73	20.75		
10	256QAM	1	0	18.73	18.85	18.80	19.2	5
10	256QAM	1	25	18.94	18.95	18.96		
10	256QAM	1	49	18.91	18.83	18.82		
10	256QAM	25	0	18.78	18.88	18.88	19.2	5
10	256QAM	25	12	19.12	18.93	18.98		
10	256QAM	25	25	18.93	18.84	18.85		
10	256QAM	50	0	19.01	18.89	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.70	23.69	23.74	24.2	0
5	QPSK	1	12	23.79	23.80	23.72		
5	QPSK	1	24	23.67	23.63	23.74		
5	QPSK	12	0	22.72	22.87	22.71	23.2	1
5	QPSK	12	7	22.81	22.95	22.81		
5	QPSK	12	13	22.65	22.76	22.64		
5	QPSK	25	0	22.63	22.85	22.73		
5	16QAM	1	0	22.85	23.01	22.93	23.2	1
5	16QAM	1	12	23.04	23.01	23.03		
5	16QAM	1	24	22.71	22.81	22.79		
5	16QAM	12	0	21.59	21.86	21.77	22.2	2
5	16QAM	12	7	21.73	21.74	21.75		
5	16QAM	12	13	21.66	21.75	21.85		
5	16QAM	25	0	21.66	21.70	21.66		
5	64QAM	1	0	21.72	21.99	21.84	22.2	2
5	64QAM	1	12	21.82	21.96	21.99		
5	64QAM	1	24	21.57	21.79	21.87		
5	64QAM	12	0	20.62	20.86	20.63	21.2	3
5	64QAM	12	7	20.73	20.77	20.72		
5	64QAM	12	13	20.62	20.76	20.75		
5	64QAM	25	0	20.67	20.73	20.69		
5	256QAM	1	0	18.77	18.85	18.91	19.2	5
5	256QAM	1	12	18.94	18.90	18.91		
5	256QAM	1	24	18.88	18.85	18.90		
5	256QAM	12	0	18.87	18.87	18.87	19.2	5
5	256QAM	12	7	19.08	18.87	18.93		
5	256QAM	12	13	18.95	18.82	18.87		
5	256QAM	25	0	18.89	18.97	18.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.79	23.63	23.65	24.2	0
3	QPSK	1	8	23.72	23.80	23.79		
3	QPSK	1	14	23.53	23.56	23.74		
3	QPSK	8	0	22.72	22.82	22.64	23.2	1
3	QPSK	8	4	22.87	22.92	22.68		
3	QPSK	8	7	22.63	22.71	22.76		
3	QPSK	15	0	22.72	22.81	22.71		
3	16QAM	1	0	22.98	22.99	22.97	23.2	1
3	16QAM	1	8	23.01	22.95	23.00		
3	16QAM	1	14	22.77	22.75	22.88		
3	16QAM	8	0	21.57	21.80	21.65	22.2	2
3	16QAM	8	4	21.82	21.78	21.76		
3	16QAM	8	7	21.60	21.72	21.87		
3	16QAM	15	0	21.62	21.80	21.78		
3	64QAM	1	0	21.77	21.95	21.86	22.2	2
3	64QAM	1	8	21.95	21.98	21.94		
3	64QAM	1	14	21.59	21.81	21.79		
3	64QAM	8	0	20.54	20.87	20.63	21.2	3
3	64QAM	8	4	20.83	20.68	20.79		
3	64QAM	8	7	20.58	20.67	20.76		
3	64QAM	15	0	20.56	20.71	20.72		
3	256QAM	1	0	18.78	18.84	18.81	19.2	5
3	256QAM	1	8	18.87	18.91	18.95		
3	256QAM	1	14	18.95	18.87	18.93		
3	256QAM	8	0	18.79	18.86	18.91	19.2	5
3	256QAM	8	4	19.12	18.94	18.89		
3	256QAM	8	7	19.02	18.91	18.92		
3	256QAM	15	0	19.01	18.87	18.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.77	23.69	23.66	24.2	0
1.4	QPSK	1	3	23.77	23.76	23.70		
1.4	QPSK	1	5	23.59	23.52	23.61		
1.4	QPSK	3	0	23.79	23.70	23.65		
1.4	QPSK	3	1	23.74	23.70	23.77		
1.4	QPSK	3	3	23.69	23.62	23.73		
1.4	QPSK	6	0	22.71	22.80	22.71	23.2	1
1.4	16QAM	1	0	22.72	22.94	22.62	23.2	1
1.4	16QAM	1	3	22.79	22.91	22.59		
1.4	16QAM	1	5	22.81	22.84	22.59		
1.4	16QAM	3	0	22.80	22.85	22.69		
1.4	16QAM	3	1	22.70	22.89	22.62		
1.4	16QAM	3	3	22.67	22.86	22.64		
1.4	16QAM	6	0	21.60	21.80	21.77	22.2	2
1.4	64QAM	1	0	21.59	21.78	21.77	22.2	2
1.4	64QAM	1	3	21.63	21.80	21.70		
1.4	64QAM	1	5	21.69	21.82	21.68		
1.4	64QAM	3	0	21.56	21.91	21.65		
1.4	64QAM	3	1	21.58	21.78	21.72		
1.4	64QAM	3	3	21.54	21.87	21.76		
1.4	64QAM	6	0	20.55	20.74	20.63	21.2	3
1.4	256QAM	1	0	18.88	18.82	18.92	19.2	5
1.4	256QAM	1	3	18.90	18.93	18.97		
1.4	256QAM	1	5	18.96	18.95	18.89		
1.4	256QAM	3	0	18.84	18.80	18.95		
1.4	256QAM	3	1	19.04	18.94	18.92		
1.4	256QAM	3	3	19.00	18.79	18.95		
1.4	256QAM	6	0	18.99	18.92	18.81	19.2	5

Band 7 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33	21.5	0
20	QPSK	1	49	20.65	20.77	20.58		
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.59	19.67	19.60	20.5	1
20	QPSK	50	24	19.67	19.69	19.66		
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48	20.5	1
20	16QAM	1	49	19.92	19.83	19.70		
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57	19.5	2
20	16QAM	50	24	18.64	18.61	18.55		
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48	19.5	2
20	64QAM	1	49	18.88	18.81	18.69		
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.53	17.63	17.56	18.5	3
20	64QAM	50	24	17.66	17.61	17.50		
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37	16.5	5
20	256QAM	1	49	15.40	15.27	15.31		
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26	16.5	5
20	256QAM	50	24	15.28	15.25	15.27		
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27	21.5	0
15	QPSK	1	37	20.68	20.68	20.58		
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62	20.5	1
15	QPSK	36	20	19.71	19.63	19.57		
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53	20.5	1
15	16QAM	1	37	19.90	19.77	19.74		
15	16QAM	1	74	19.63	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53	19.5	2
15	16QAM	36	20	18.57	18.60	18.47		
15	16QAM	36	39	18.67	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48	19.5	2
15	64QAM	1	37	18.86	18.73	18.68		
15	64QAM	1	74	18.65	18.64	18.49		
15	64QAM	36	0	17.56	17.61	17.61	18.5	3
15	64QAM	36	20	17.70	17.54	17.48		
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36	16.5	5
15	256QAM	1	37	15.30	15.26	15.34		
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17	16.5	5
15	256QAM	36	20	15.28	15.18	15.25		
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38	21.5	0
10	QPSK	1	25	20.68	20.74	20.51		
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58	20.5	1
10	QPSK	25	12	19.57	19.70	19.61		
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43	20.5	1
10	16QAM	1	25	19.83	19.74	19.60		
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48	19.5	2
10	16QAM	25	12	18.62	18.61	18.55		
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53		
10	64QAM	1	0	18.63	18.52	18.50	19.5	2
10	64QAM	1	25	18.78	18.83	18.72		
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46	18.5	3
10	64QAM	25	12	17.66	17.54	17.53		
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29	16.5	5
10	256QAM	1	25	15.44	15.17	15.34		
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28	16.5	5
10	256QAM	25	12	15.33	15.17	15.32		
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.31	15.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34	21.5	0
5	QPSK	1	12	20.56	20.71	20.61		
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52	20.5	1
5	QPSK	12	7	19.61	19.65	19.56		
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48	20.5	1
5	16QAM	1	12	19.90	19.78	19.75		
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62	19.5	2
5	16QAM	12	7	18.67	18.62	18.54		
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46	19.5	2
5	64QAM	1	12	18.88	18.73	18.68		
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49	18.5	3
5	64QAM	12	7	17.63	17.53	17.45		
5	64QAM	12	13	17.55	17.50	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27	16.5	5
5	256QAM	1	12	15.32	15.31	15.28		
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18	16.5	5
5	256QAM	12	7	15.29	15.27	15.25		
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.07	23.03	23.10	24	0
20	QPSK	1	49	23.25	23.32	23.30		
20	QPSK	1	99	23.08	23.14	23.23		
20	QPSK	50	0	22.17	22.28	22.21	23	1
20	QPSK	50	24	22.21	22.36	22.30		
20	QPSK	50	50	22.18	22.27	22.26		
20	QPSK	100	0	22.14	22.29	22.22		
20	16QAM	1	0	22.21	22.20	22.26	23	1
20	16QAM	1	49	22.41	22.50	22.49		
20	16QAM	1	99	22.21	22.40	22.27		
20	16QAM	50	0	21.10	21.30	21.31	22	2
20	16QAM	50	24	21.16	21.28	21.27		
20	16QAM	50	50	21.18	21.29	21.27		
20	16QAM	100	0	21.14	21.30	21.26		
20	64QAM	1	0	21.09	21.11	21.11	22	2
20	64QAM	1	49	21.35	21.43	21.34		
20	64QAM	1	99	21.10	21.25	21.22		
20	64QAM	50	0	20.10	20.28	20.32	21	3
20	64QAM	50	24	20.20	20.28	20.26		
20	64QAM	50	50	20.20	20.27	20.26		
20	64QAM	100	0	20.15	20.28	20.28		
20	256QAM	1	0	18.03	18.02	18.09	19	5
20	256QAM	1	49	18.05	18.04	18.00		
20	256QAM	1	99	18.00	18.03	18.12		
20	256QAM	50	0	18.13	18.08	18.14	19	5
20	256QAM	50	24	18.09	18.09	18.12		
20	256QAM	50	50	18.07	18.05	17.99		
20	256QAM	100	0	18.05	18.10	18.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.00	23.05	23.14	24	0
15	QPSK	1	37	23.20	23.26	23.28		
15	QPSK	1	74	23.03	23.18	23.17		
15	QPSK	36	0	22.07	22.18	22.17	23	1
15	QPSK	36	20	22.12	22.39	22.22		
15	QPSK	36	39	22.14	22.21	22.23		
15	QPSK	75	0	22.14	22.24	22.21		
15	16QAM	1	0	22.19	22.21	22.19	23	1
15	16QAM	1	37	22.41	22.40	22.42		
15	16QAM	1	74	22.14	22.31	22.21		
15	16QAM	36	0	21.09	21.30	21.33	22	2
15	16QAM	36	20	21.06	21.19	21.19		
15	16QAM	36	39	21.15	21.21	21.26		
15	16QAM	75	0	21.09	21.24	21.16		
15	64QAM	1	0	20.99	21.06	21.11	22	2
15	64QAM	1	37	21.27	21.37	21.33		
15	64QAM	1	74	21.05	21.22	21.13		
15	64QAM	36	0	20.02	20.22	20.23	21	3
15	64QAM	36	20	20.12	20.22	20.23		
15	64QAM	36	39	20.14	20.29	20.18		
15	64QAM	75	0	20.19	20.18	20.33		
15	256QAM	1	0	18.02	18.00	18.01	19	5
15	256QAM	1	37	18.09	18.07	18.00		
15	256QAM	1	74	18.00	17.93	18.10		
15	256QAM	36	0	18.16	18.11	18.18	19	5
15	256QAM	36	20	18.03	18.01	18.10		
15	256QAM	36	39	18.11	18.09	17.97		
15	256QAM	75	0	17.95	18.05	18.03		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.05	23.05	23.11	24	0
10	QPSK	1	25	23.27	23.24	23.23		
10	QPSK	1	49	23.02	23.13	23.17		
10	QPSK	25	0	22.20	22.28	22.24	23	1
10	QPSK	25	12	22.17	22.41	22.28		
10	QPSK	25	25	22.17	22.29	22.30		
10	QPSK	50	0	22.10	22.33	22.26		
10	16QAM	1	0	22.14	22.14	22.20	23	1
10	16QAM	1	25	22.38	22.54	22.52		
10	16QAM	1	49	22.19	22.41	22.28		
10	16QAM	25	0	21.01	21.28	21.29	22	2
10	16QAM	25	12	21.12	21.32	21.18		
10	16QAM	25	25	21.19	21.29	21.28		
10	16QAM	50	0	21.09	21.35	21.24		
10	64QAM	1	0	21.14	21.10	21.13	22	2
10	64QAM	1	25	21.37	21.34	21.36		
10	64QAM	1	49	21.12	21.27	21.17		
10	64QAM	25	0	20.10	20.25	20.29	21	3
10	64QAM	25	12	20.11	20.33	20.19		
10	64QAM	25	25	20.23	20.28	20.20		
10	64QAM	50	0	20.16	20.31	20.19		
10	256QAM	1	0	18.06	17.98	18.00	19	5
10	256QAM	1	25	18.07	18.07	17.90		
10	256QAM	1	49	18.00	18.08	18.12		
10	256QAM	25	0	18.15	18.02	18.14	19	5
10	256QAM	25	12	18.00	18.04	18.04		
10	256QAM	25	25	18.11	17.97	18.01		
10	256QAM	50	0	17.99	18.01	18.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.00	23.04	23.06	24	0
5	QPSK	1	12	23.29	23.27	23.25		
5	QPSK	1	24	23.02	23.10	23.14		
5	QPSK	12	0	22.09	22.28	22.13	23	1
5	QPSK	12	7	22.11	22.30	22.27		
5	QPSK	12	13	22.15	22.23	22.26		
5	QPSK	25	0	22.14	22.20	22.22		
5	16QAM	1	0	22.15	22.11	22.29	23	1
5	16QAM	1	12	22.31	22.51	22.53		
5	16QAM	1	24	22.17	22.45	22.26		
5	16QAM	12	0	21.08	21.27	21.26	22	2
5	16QAM	12	7	21.07	21.20	21.26		
5	16QAM	12	13	21.17	21.29	21.23		
5	16QAM	25	0	21.17	21.28	21.29		
5	64QAM	1	0	21.01	21.07	21.03	22	2
5	64QAM	1	12	21.29	21.37	21.24		
5	64QAM	1	24	21.13	21.27	21.21		
5	64QAM	12	0	20.01	20.20	20.36	21	3
5	64QAM	12	7	20.22	20.18	20.21		
5	64QAM	12	13	20.23	20.26	20.19		
5	64QAM	25	0	20.16	20.23	20.28		
5	256QAM	1	0	17.94	17.94	17.99	19	5
5	256QAM	1	12	18.01	18.05	17.91		
5	256QAM	1	24	18.04	18.03	18.07		
5	256QAM	12	0	18.11	18.11	18.13	19	5
5	256QAM	12	7	18.12	18.04	18.09		
5	256QAM	12	13	18.10	18.03	18.00		
5	256QAM	25	0	17.96	18.06	18.02		

Reduced Power Mode DSI0 for Inter CA

Band 2 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45		
20	QPSK	1	49	22.53	22.61	22.48	23	0
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38		
20	QPSK	50	24	21.49	21.52	21.39	22	1
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39		
20	16QAM	1	49	21.62	21.65	21.49	22	1
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50		
20	16QAM	50	24	20.66	20.68	20.56	21	2
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54		
20	64QAM	1	49	20.72	20.74	20.66	21	2
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57		
20	64QAM	50	24	19.57	19.66	19.64	20	3
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.46	17.45		
20	256QAM	1	49	17.51	17.62	17.60	18	5
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55		
20	256QAM	50	24	17.55	17.63	17.58	18	5
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36		
15	QPSK	1	37	22.49	22.53	22.40	23	0
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.39	21.51	21.40		
15	QPSK	36	20	21.36	21.40	21.36	22	1
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.38	21.52	21.32		
15	16QAM	1	37	21.59	21.58	21.40	22	1
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47		
15	16QAM	36	20	20.60	20.60	20.53	21	2
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47		
15	64QAM	1	37	20.65	20.71	20.58	21	2
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50		
15	64QAM	36	20	19.51	19.63	19.56	20	3
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41		
15	256QAM	1	37	17.49	17.55	17.54	18	5
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.52	17.48		
15	256QAM	36	20	17.49	17.56	17.46	18	5
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41		
10	QPSK	1	25	22.49	22.55	22.37	23	0
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32		
10	QPSK	25	12	21.45	21.50	21.30	22	1
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.43	21.46	21.36		
10	16QAM	1	25	21.56	21.57	21.41	22	1
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45		
10	16QAM	25	12	20.66	20.64	20.53	21	2
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49		
10	64QAM	1	25	20.63	20.62	20.62	21	2
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55		
10	64QAM	25	12	19.55	19.56	19.60	20	3
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42		
10	256QAM	1	25	17.45	17.62	17.60	18	5
10	256QAM	1	49	17.31	17.30	17.22		
10	256QAM	25	0	17.44	17.53	17.50		
10	256QAM	25	12	17.49	17.56	17.53	18	5
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.51	17.56		
Channel				18025	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44		
5	QPSK	1	12	22.49	22.55	22.35	23	0
5	QPSK	1	24	22.24	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31		
5	QPSK	12	7	21.41	21.43	21.36	22	1
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.47	21.35		
5	16QAM	1	12	21.58	21.56	21.42	22	1
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46		
5	16QAM	12	7	20.65	20.65	20.45	21	2
5	16QAM	12	13	20.57	20.59	20.44		
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50		
5	64QAM	1	12	20.64	20.68	20.63	21	2
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52		
5	64QAM	12	7	19.52	19.58	19.58	20	3
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43		
5	256QAM	1	12	17.46	17.59	17.55	18	5
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51		
5	256QAM	12	7	17.47	17.59	17.51	18	5
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18015	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43		
3	QPSK	1	8	22.52	22.56	22.44	23	0
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34		
3	QPSK	8	4	21.39	21.47	21.30	22	1
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.38	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.36		
3	16QAM	1	8	21.61	21.59	21.41	22	1
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47		
3	16QAM	8	4	20.60	20.63	20.53	21	2
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48		
3	64QAM	1	8	20.63	20.63	20.63	21	2
3	64QAM	1	14	20.48	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57		
3	64QAM	8	4	19.51	19.61	19.59	20	3
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41		
3	256QAM	1	8	17.41	17.58	17.58	18	5
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51		
3	256QAM	8	4	17.51	17.55	17.54	18	5
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35		
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20	23	0
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	1	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39		
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23	22	1
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.59	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.65	20.57	20.51		
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42	21	2
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44		
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33	18	5
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	5

Band 2 Other PA_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.95	15.89	15.73		
20	QPSK	1	49	15.96	15.97	15.81	16.5	0
20	QPSK	1	99	15.68	15.65	15.55		
20	QPSK	50	0	15.82	15.83	15.69		
20	QPSK	50	24	15.98	15.93	15.71	16.5	0
20	QPSK	50	50	15.54	15.58	15.50		
20	QPSK	100	0	15.93	15.95	15.59		
20	16QAM	1	0	15.88	15.85	15.75		
20	16QAM	1	49	15.58	15.63	15.48	16.5	0
20	16QAM	1	99	15.87	15.85	15.59		
20	16QAM	50	0	15.91	15.83	15.65		
20	16QAM	50	24	15.84	15.92	15.74	16.5	0
20	16QAM	50	50	15.65	15.59	15.53		
20	16QAM	100	0	15.95	15.91	15.70		
20	64QAM	1	0	15.85	15.77	15.70		
20	64QAM	1	49	15.94	15.80	15.68	16.5	0
20	64QAM	1	99	15.54	15.56	15.46		
20	64QAM	50	0	15.57	15.56	15.48		
20	64QAM	50	24	15.93	15.84	15.66	16.5	0
20	64QAM	50	50	15.95	15.83	15.78		
20	64QAM	100	0	15.61	15.53	15.53		
20	256QAM	1	0	15.82	15.86	15.68		
20	256QAM	1	49	15.82	15.91	15.77	16.5	0
20	256QAM	1	99	15.60	15.57	15.51		
20	256QAM	50	0	15.86	15.87	15.59		
20	256QAM	50	24	15.87	15.78	15.69	16.5	0
20	256QAM	50	50	15.93	15.82	15.79		
20	256QAM	100	0	15.66	15.61	15.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.91	15.87	15.70		
15	QPSK	1	37	15.86	15.80	15.75	16.5	0
15	QPSK	1	74	15.62	15.56	15.43		
15	QPSK	36	0	15.78	15.79	15.59		
15	QPSK	36	20	15.84	15.80	15.63	16.5	0
15	QPSK	36	39	15.43	15.52	15.38		
15	QPSK	75	0	15.79	15.88	15.48		
15	16QAM	1	0	15.86	15.72	15.64		
15	16QAM	1	37	15.50	15.60	15.42	16.5	0
15	16QAM	1	74	15.79	15.82	15.58		
15	16QAM	36	0	15.76	15.77	15.57		
15	16QAM	36	20	15.69	15.78	15.67	16.5	0
15	16QAM	36	39	15.60	15.56	15.50		
15	16QAM	75	0	15.85	15.82	15.66		
15	64QAM	1	0	15.79	15.75	15.56		
15	64QAM	1	37	15.80	15.70	15.54	16.5	0
15	64QAM	1	74	15.48	15.55	15.44		
15	64QAM	36	0	15.48	15.54	15.38		
15	64QAM	36	20	15.86	15.80	15.63	16.5	0
15	64QAM	36	39	15.85	15.73	15.77		
15	64QAM	75	0	15.52	15.49	15.52		
15	256QAM	1	0	15.76	15.81	15.53		
15	256QAM	1	37	15.76	15.89	15.64	16.5	0
15	256QAM	1	74	15.46	15.51	15.45		
15	256QAM	36	0	15.79	15.83	15.44		
15	256QAM	36	20	15.73	15.73	15.56	16.5	0
15	256QAM	36	39	15.83	15.68	15.71		
15	256QAM	75	0	15.55	15.57	15.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.87	15.80	15.61		
10	QPSK	1	25	15.90	15.90	15.75	16.5	0
10	QPSK	1	49	15.57	15.64	15.42		
10	QPSK	25	0	15.71	15.77	15.64		
10	QPSK	25	12	15.91	15.82	15.60	16.5	0
10	QPSK	25	25	15.52	15.53	15.46		
10	QPSK	50	0	15.81	15.85	15.51		
10	16QAM	1	0	15.82	15.78	15.62		
10	16QAM	1	25	15.56	15.62	15.35	16.5	0
10	16QAM	1	49	15.78	15.71	15.56		
10	16QAM	25	0	15.77	15.81	15.58		
10	16QAM	25	12	15.82	15.87	15.72	16.5	0
10	16QAM	25	25	15.53	15.56	15.46		
10	16QAM	50	0	15.81	15.88	15.59		
10	64QAM	1	0	15.82	15.66	15.65		
10	64QAM	1	25	15.93	15.74	15.66	16.5	0
10	64QAM	1	49	15.52	15.47	15.40		
10	64QAM	25	0	15.47	15.55	15.44		
10	64QAM	25	12	15.89	15.76	15.64	16.5	0
10	64QAM	25	25	15.84	15.77	15.66		
10	64QAM	50	0	15.54	15.49	15.41		
10	256QAM	1	0	15.71	15.77	15.62		
10	256QAM	1	25	15.70	15.83	15.70	16.5	0
10	256QAM	1	49	15.50	15.54	15.39		
10	256QAM	25	0	15.82	15.73	15.57		
10	256QAM	25	12	15.84	15.66	15.68	16.5	0
10	256QAM	25	25	15.83	15.72	15.78		
10	256QAM	50	0	15.60	15.50	15.41		
Channel				18025	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.86	15.81	15.64		
5	QPSK	1	12	15.82	15.94	15.78	16.5	0
5	QPSK	1	24	15.61	15.59	15.51		
5	QPSK	12	0	15.71	15.73	15.68		
5	QPSK	12	7	15.81	15.87	15.56	16.5	0
5	QPSK	12	13	15.46	15.54	15.44		
5	QPSK	25	0	15.88	15.82	15.50		
5	16QAM	1	0	15.84	15.75	15.63		
5	16QAM	1	12	15.46	15.51	15.43	16.5	0
5	16QAM	1	24	15.81	15.74	15.47		
5	16QAM	12	0	15.86	15.79	15.64		
5	16QAM	12	7	15.75	15.79	15.69	16.5	0
5	16QAM	12	13	15.57	15.47	15.52		
5	16QAM	25	0	15.88	15.81	15.55		
5	64QAM	1	0	15.84	15.75	15.59		
5	64QAM	1	12	15.89	15.76	15.57	16.5	0
5	64QAM	1	24	15.42	15.52	15.40		
5	64QAM	12	0	15.44	15.50	15.37		
5	64QAM	12	7	15.84	15.75	15.52	16.5	0
5	64QAM	12	13	15.80	15.82	15.77		
5	64QAM	25	0	15.57	15.52	15.45		
5	256QAM	1	0	15.79	15.72	15.62		
5	256QAM	1	12	15.77	15.83	15.73	16.5	0
5	256QAM	1	24	15.48	15.43	15.45		
5	256QAM	12	0	15.78	15.84	15.56		
5	256QAM	12	7	15.77	15.63	15.59	16.5	0
5	256QAM	12	13	15.78	15.81	15.78		
5	256QAM	25	0	15.60	15.47	15.42		
Channel				18015	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.82	15.77	15.58		
3	QPSK	1	8	15.85	15.88	15.71	16.5	0
3	QPSK	1	14	15.66	15.62	15.49		
3	QPSK	8	0	15.78	15.80	15.63		
3	QPSK	8	4	15.90	15.88	15.66	16.5	0
3	QPSK	8	7	15.50	15.54	15.47		
3	QPSK	15	0	15.83	15.94	15.56		
3	16QAM	1	0	15.85	15.74	15.66		
3	16QAM	1	8	15.43	15.61	15.38	16.5	0
3	16QAM	1	14	15.74	15.76	15.48		
3	16QAM	8	0	15.81	15.73	15.53		
3	16QAM	8	4	15.77	15.80	15.62	16.5	0
3	16QAM	8	7	15.52	15.49	15.47		
3	16QAM	15	0	15.94	15.85	15.67		
3	64QAM	1	0	15.76	15.69	15.66		
3	64QAM	1	8	15.84	15.72	15.61	16.5	0
3	64QAM	1	14	15.52	15.51	15.37		
3	64QAM	8	0	15.42	15.41	15.47		
3	64QAM	8	4	15.81	15.74	15.52	16.5	0
3	64QAM	8	7	15.45	15.76	15.64		
3	64QAM	15	0	15.48	15.49	15.51		
3	256QAM	1	0	15.69	15.83	15.58		
3	256QAM	1	8	15.76	15.88	15.71	16.5	0
3	256QAM	1	14	15.57	15.45	15.41		
3	256QAM	8	0	15.84	15.77	15.49		
3	256QAM	8	4	15.74	15.63	15.57	16.5	0
3	256QAM	8	7	15.78	15.74	15.71		
3	256QAM	15	0	15.62	15.49	15.35		
Channel				18907	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.86	15.74	15.70		
1.4	QPSK	1	3	15.90	15.86	15.73		
1.4	QPSK	1	5	15.66	15.55	15.53	16.5	0
1.4	QPSK	3	0	15.78	15.77	15.56		
1.4	QPSK	3	1	15.78	15.78	15.59		
1.4	QPSK	3	3	15.47	15.56	15.46		
1.4	QPSK	6	0	15.80	15.83	15.53	16.5	0
1.4	16QAM	1	0	15.77	15.74	15.69		
1.4	16QAM	1	3	15.52	15.59	15.46		
1.4	16QAM	1	5	15.83	15.76	15.57	16.5	0
1.4	16QAM	3	0	15.80	15.69	15.52		
1.4	16QAM	3	1	15.78	15.88	15.63		
1.4	16QAM	3	3	15.59	15.48	15.43		
1.4	16QAM	6	0	15.88	15.88	15.68	16.5	0
1.4	64QAM	1	0	15.70	15.70	15.60		
1.4	64QAM	1	3	15.96	15.70	15.59		
1.4	64QAM	1	5	15.48	15.50	15.43	16.5	0
1.4	64QAM	3	0	15.45	15.41	15.47		
1.4	64QAM	3	1	15.89	15.82	15.56		
1.4	64QAM	3	3	15.81	15.76	15.74		
1.4	64QAM	6	0	15.59	15.44	15.40	16.5	0
1.4	256QAM	1	0	15.76	15.79	15.61		
1.4	256QAM	1	3	15.81	15.88	15.66		
1.4	256QAM	1	5	15.50	15.44	15.43	16.5	0
1.4	256QAM	3	0	15.79	15.79	15.52		
1.4	256QAM	3	1	15.84	15.67	15.63		
1.4	256QAM	3	3	15.92	15.76	15.70		
1.4	256QAM	6	0	15.62	15.53	15.42	16.5	0

Band 4 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.90	15.96	16.00		
20	QPSK	1	49	16.15	16.25	16.12	17	0
20	QPSK	1	99	15.77	15.82	15.87		
20	QPSK	50	0	16.09	16.14	16.09		
20	QPSK	50	24	16.10	16.11	16.22	17	0
20	QPSK	50	50	16.07	16.16	16.06		
20	QPSK	100	0	16.02	16.19	16.16		
20	16QAM	1	0	15.99	16.00	16.07		
20	16QAM	1	49	16.18	16.09	16.09	17	0
20	16QAM	1	99	15.95	15.97	15.91		
20	16QAM	50	0	15.98	16.18	16.12		
20	16QAM	50	24

Band 4 Main PA_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	23.77	23.72	23.75		
20	QPSK	1	49	23.80	23.82	23.80	24.2	0
20	QPSK	1	99	23.63	23.61	23.69		
20	QPSK	50	0	22.76	22.90	22.67		
20	QPSK	50	24	22.66	22.91	22.77	23.2	1
20	QPSK	50	50	22.72	22.80	22.71		
20	QPSK	100	0	22.67	22.83	22.75		
20	16QAM	1	0	22.93	23.00	22.94		
20	16QAM	1	49	23.06	23.02	23.04	23.2	1
20	16QAM	1	99	22.81	22.84	22.84		
20	16QAM	50	0	21.64	21.87	21.74		
20	16QAM	50	24	21.81	21.79	21.82	22.2	2
20	16QAM	50	50	21.69	21.76	21.83		
20	16QAM	100	0	21.68	21.80	21.76		
20	64QAM	1	0	21.80	21.94	21.94		
20	64QAM	1	49	21.92	22.03	22.01	22.2	2
20	64QAM	1	99	21.67	21.81	21.86		
20	64QAM	50	0	20.61	20.83	20.70		
20	64QAM	50	24	20.78	20.74	20.78	21.2	3
20	64QAM	50	50	20.66	20.72	20.78		
20	64QAM	100	0	20.63	20.77	20.74		
20	256QAM	1	0	18.83	18.83	18.90		
20	256QAM	1	49	18.89	19.00	18.98	19.2	5
20	256QAM	1	99	18.98	18.93	18.88		
20	256QAM	50	0	18.86	18.85	18.96		
20	256QAM	50	24	19.07	18.90	18.95	19.2	5
20	256QAM	50	50	18.99	18.86	18.90		
20	256QAM	100	0	18.99	18.96	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.78	23.71	23.65		
15	QPSK	1	37	23.81	23.74	23.67	24.2	0
15	QPSK	1	74	23.56	23.64	23.67		
15	QPSK	36	0	22.79	22.95	22.70		
15	QPSK	36	20	22.86	22.84	22.76	23.2	1
15	QPSK	36	39	22.66	22.77	22.66		
15	QPSK	75	0	22.62	22.75	22.79		
15	16QAM	1	0	22.98	23.00	22.87		
15	16QAM	1	37	23.09	23.02	23.00	23.2	1
15	16QAM	1	74	22.81	22.82	22.74		
15	16QAM	36	0	21.55	21.86	21.72		
15	16QAM	36	20	21.75	21.69	21.84	22.2	2
15	16QAM	36	39	21.69	21.76	21.78		
15	16QAM	75	0	21.73	21.81	21.70		
15	64QAM	1	0	21.81	21.94	21.86		
15	64QAM	1	37	21.89	22.04	21.97	22.2	2
15	64QAM	1	74	21.66	21.86	21.79		
15	64QAM	36	0	20.65	20.81	20.62		
15	64QAM	36	20	20.73	20.73	20.80	21.2	3
15	64QAM	36	39	20.56	20.62	20.70		
15	64QAM	75	0	20.68	20.67	20.65		
15	256QAM	1	0	18.83	18.83	18.81		
15	256QAM	1	37	18.90	19.01	18.98	19.2	5
15	256QAM	1	74	18.91	18.95	18.80		
15	256QAM	36	0	18.76	18.80	18.91		
15	256QAM	36	20	18.99	18.85	18.92	19.2	5
15	256QAM	36	39	19.02	18.76	18.80		
15	256QAM	75	0	18.95	18.88	18.95		
Channel				20000	20173	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.76	23.76	23.77		
10	QPSK	1	25	23.81	23.72	23.70	24.2	0
10	QPSK	1	49	23.58	23.57	23.72		
10	QPSK	25	0	22.76	22.85	22.65		
10	QPSK	25	12	22.85	22.90	22.76	23.2	1
10	QPSK	25	25	22.63	22.78	22.69		
10	QPSK	50	0	22.70	22.74	22.74		
10	16QAM	1	0	22.92	22.91	22.95		
10	16QAM	1	25	23.04	22.98	23.09	23.2	1
10	16QAM	1	49	22.86	22.82	22.75		
10	16QAM	25	0	21.59	21.80	21.68		
10	16QAM	25	12	21.72	21.83	21.80	22.2	2
10	16QAM	25	25	21.60	21.73	21.85		
10	16QAM	50	0	21.60	21.83	21.66		
10	64QAM	1	0	21.79	21.85	21.91		
10	64QAM	1	25	21.92	22.01	21.96	22.2	2
10	64QAM	1	49	21.58	21.77	21.81		
10	64QAM	25	0	20.59	20.75	20.67		
10	64QAM	25	12	20.68	20.65	20.79	21.2	3
10	64QAM	25	25	20.66	20.67	20.79		
10	64QAM	50	0	20.54	20.73	20.75		
10	256QAM	1	0	18.73	18.85	18.80		
10	256QAM	1	25	18.94	18.95	18.96	19.2	5
10	256QAM	1	49	18.91	18.83	18.82		
10	256QAM	25	0	18.78	18.88	18.88		
10	256QAM	25	12	19.12	18.93	18.98	19.2	5
10	256QAM	25	25	18.93	18.84	18.85		
10	256QAM	50	0	19.01	18.88	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.70	23.69	23.74		
5	QPSK	1	12	23.79	23.80	23.72	24.2	0
5	QPSK	1	24	23.67	23.63	23.74		
5	QPSK	12	0	22.72	22.87	22.71		
5	QPSK	12	7	22.81	22.95	22.81	23.2	1
5	QPSK	12	13	22.65	22.76	22.64		
5	QPSK	25	0	22.63	22.85	22.73		
5	16QAM	1	0	22.85	23.01	22.93		
5	16QAM	1	12	23.04	23.01	23.03	23.2	1
5	16QAM	1	24	22.71	22.81	22.79		
5	16QAM	12	0	21.59	21.86	21.77		
5	16QAM	12	7	21.73	21.74	21.75	22.2	2
5	16QAM	12	13	21.66	21.75	21.85		
5	16QAM	25	0	21.66	21.70	21.66		
5	64QAM	1	0	21.72	21.99	21.84		
5	64QAM	1	12	21.82	21.96	21.99	22.2	2
5	64QAM	1	24	21.57	21.79	21.87		
5	64QAM	12	0	20.62	20.86	20.63		
5	64QAM	12	7	20.73	20.77	20.72	21.2	3
5	64QAM	12	13	20.62	20.76	20.75		
5	64QAM	25	0	20.67	20.73	20.69		
5	256QAM	1	0	18.77	18.85	18.91		
5	256QAM	1	12	18.94	18.90	18.91	19.2	5
5	256QAM	1	24	18.88	18.85	18.90		
5	256QAM	12	0	18.87	18.87	18.87		
5	256QAM	12	7	19.08	18.87	18.93	19.2	5
5	256QAM	12	13	18.95	18.82	18.87		
5	256QAM	25	0	18.89	18.97	18.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.79	23.63	23.65		
3	QPSK	1	8	23.72	23.80	23.79	24.2	0
3	QPSK	1	14	23.53	23.56	23.74		
3	QPSK	8	0	22.72	22.82	22.64		
3	QPSK	8	4	22.87	22.92	22.68	23.2	1
3	QPSK	8	7	22.63	22.71	22.76		
3	QPSK	15	0	22.72	22.81	22.71		
3	16QAM	1	0	22.98	22.99	22.97		
3	16QAM	1	8	23.01	22.95	23.00	23.2	1
3	16QAM	1	14	22.77	22.75	22.88		
3	16QAM	8	0	21.57	21.80	21.65		
3	16QAM	8	4	21.82	21.78	21.76	22.2	2
3	16QAM	8	7	21.60	21.72	21.87		
3	16QAM	15	0	21.62	21.80	21.78		
3	64QAM	1	0	21.77	21.95	21.86		
3	64QAM	1	8	21.95	21.96	21.94	22.2	2
3	64QAM	1	14	21.59	21.81	21.79		
3	64QAM	8	0	20.54	20.87	20.63		
3	64QAM	8	4	20.83	20.68	20.79	21.2	3
3	64QAM	8	7	20.58	20.67	20.76		
3	64QAM	15	0	20.56	20.71	20.72		
3	256QAM	1	0	18.78	18.84	18.81		
3	256QAM	1	8	18.87	18.91	18.95	19.2	5
3	256QAM	1	14	18.95	18.87	18.93		
3	256QAM	8	0	18.79	18.86	18.91		
3	256QAM	8	4	19.12	18.94	18.89	19.2	5
3	256QAM	8	7	19.02	18.91	18.92		
3	256QAM	15	0	19.01	18.87	18.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.77	23.69	23.66		
1.4	QPSK	1	3	23.77	23.76	23.70		
1.4	QPSK	1	5	23.59	23.52	23.61	24.2	0
1.4	QPSK	3	0	23.79	23.70	23.65		
1.4	QPSK	3	1	23.74	23.70	23.77		
1.4	QPSK	3	3	23.69	23.62	23.73		
1.4	QPSK	6	0	22.71	22.80	22.71	23.2	1
1.4	16QAM	1	0	22.72	22.94	22.62		
1.4	16QAM	1	3	22.79	22.91	22.59		
1.4	16QAM	1	5	22.81	22.84	22.59	23.2	1
1.4	16QAM	3	0	22.80	22.85	22.69		
1.4	16QAM	3	1	22.70	22.89	22.62		
1.4	16QAM	3	3	22.67	22.86	22.64		
1.4	16QAM	6	0	21.60	21.80	21.77	22.2	2
1.4	64QAM	1	0	21.59	21.78	21.77		
1.4	64QAM	1	3	21.63	21.80	21.70		
1.4	64QAM	1	5	21.69	21.82	21.68	22.2	2
1.4	64QAM	3	0	21.56	21.91	21.65		
1.4	64QAM	3	1	21.58	21.78	21.72		
1.4	64QAM	3	3	21.54	21.87	21.76		
1.4	64QAM	6	0	20.55	20.74	20.63	21.2	3
1.4	256QAM	1	0	18.88	18.82	18.92		
1.4	256QAM	1	3	18.90	18.93	18.97		
1.4	256QAM	1	5	18.96	18.95	18.89	19.2	5
1.4	256QAM	3	0	18.84	18.80	18.95		
1.4	256QAM	3	1	19.04	18.94	18.92		
1.4	256QAM	3	3	19.00	18.79	18.95		
1.4	256QAM	6	0	18.99	18.92	18.81	19.2	5

Band 7 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33		
20	QPSK	1	49	20.95	20.77	20.58	21.5	0
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.99	19.67	19.60		
20	QPSK	50	24	19.67	19.66	19.66	20.5	1
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48		
20	16QAM	1	49	19.92	19.83	19.70	20.5	1
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57		
20	16QAM	50	24	18.64	18.61	18.55	19.5	2
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48		
20	64QAM	1	49	18.88	18.81	18.69	19.5	2
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.57	17.63	17.56		
20	64QAM	50	24	17.66	17.61	17.50	18.5	3
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37		
20	256QAM	1	49	15.40	15.27	15.31	16.5	5
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26		
20	256QAM	50	24	15.28	15.25	15.27	16.5	5
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27		
15	QPSK	1	37	20.68	20.68	20.58	21.5	0
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62		
15	QPSK	36	20	19.71	19.63	19.57	20.5	1
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53		
15	16QAM	1	37	19.90	19.77	19.74	20.5	1
15	16QAM	1	74	19.63	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53		
15	16QAM	36	20	18.57	18.60	18.47	19.5	2
15	16QAM	36	39	18.67	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48		
15	64QAM	1	37	18.86	18.73	18.68	19.5	2
15	64QAM	1	74	18.65	18.64	18.49		
15	64QAM	36	0	17.56	17.61	17.61		
15	64QAM	36	20	17.70	17.54	17.48	18.5	3
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36		
15	256QAM	1	37	15.30	15.26	15.34	16.5	5
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17		
15	256QAM	36	20	15.28	15.18	15.25	16.5	5
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38		
10	QPSK	1	25	20.68	20.74	20.51	21.5	0
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58		
10	QPSK	25	12	19.57	19.70	19.61	20.5	1
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43		
10	16QAM	1	25	19.83	19.74	19.60	20.5	1
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48		
10	16QAM	25	12	18.62	18.61	18.55	19.5	2
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53		
10	64QAM	1	0	18.63	18.52	18.50		
10	64QAM	1	25	18.78	18.83	18.72	19.5	2
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46		
10	64QAM	25	12	17.66	17.54	17.53	18.5	3
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29		
10	256QAM	1	25	15.44	15.17	15.34	16.5	5
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28		
10	256QAM	25	12	15.33	15.17	15.32	16.5	5
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.31	15.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34		
5	QPSK	1	12	20.56	20.71	20.61	21.5	0
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52		
5	QPSK	12	7	19.61	19.65	19.56	20.5	1
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48		
5	16QAM	1	12	19.90	19.78	19.75	20.5	1
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62		
5	16QAM	12	7	18.67	18.62	18.54	19.5	2
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46		
5	64QAM	1	12	18.88	18.73	18.68	19.5	2
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49		
5	64QAM	12	7	17.63	17.53	17.45	18.5	3
5	64QAM	12	13	17.55	17.50	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27		
5	256QAM	1	12	15.32	15.31	15.28	16.5	5
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18		
5	256QAM	12	7	15.29	15.27	15.25	16.5	5
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.51	15.49	15.40		
20	QPSK	1	49	15.71	15.87	15.74	16.5	0
20	QPSK	1	99	15.51	15.87	15.56		
20	QPSK	50	0	15.55	15.78	15.67		
20	QPSK	50	24	15.64	15.82	15.70	16.5	0
20	QPSK	50	50	15.57	15.73	15.65		
20	QPSK	100	0	15.56	15.78	15.68		
20	16QAM	1	0	15.43	15.49	15.39		
20	16QAM	1	49	15.59	15.69	15.70	16.5	0
20	16QAM	1	99	15.45	15.60	15.61		
20	16QAM	50	0	15.67	15.78	15.70		
20	16QAM	50	24	15.66	15.79	15.68	16.5	0
20	16QAM	50	50	15.66	15.72	15.68		
20	16QAM	100	0	15.65	15.67	15.67		
20	64QAM	1	0	15.57	15.53	15.55		
20	64QAM	1	49	15.75	15.70	15.74	16.5	0
20	64QAM	1	99	15.68	15.65	15.68		
20	64QAM	50	0	15.64	15.76	15.77		
20	64QAM	50	24	15.71	15.77	15.74	16.5	0
20	64QAM	50	50	15.61	15.75	15.73		
20	64QAM	100	0	15.54	15.78	15.79		
20	256QAM	1	0	15.37	15.43	15.40		
20	256QAM	1	49	15.72	15.77	15.69	16.5	0
20	256QAM	1	99	15.52	15.59	15.52		
20	256QAM	50	0	15.47	15.63	15.73		
20	256QAM	50	24	15.55	15.79	15.73	16.5	0
20	256QAM	50	50	15.62	15.65	15.66		
20	256QAM	100	0	15.57	15.67	15.63		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.38	15.34	15.18		
15	QPSK	1	37	15.51	15.76	15.63	16.5	0
15	QPSK	1	74	15.26	15.54	15.38		
15	QPSK	36	0	15.39	15.53	15.44		
15	QPSK	36	20	15.50	15.60	15.48	16.5	0
15	QPSK	36	39	15.46	15.62	15.42		
15	QPSK	75	0	15.45	15.61	15.44		
15	16QAM	1	0	15.20	15.30	15.20		
15	16QAM	1	37	15.44	15.46	15.47	16.5	0
15	16QAM	1	74	15.23	15.41	15.43		
15	16QAM	36	0	15.51	15.65	15.45		
15	16QAM	36	20	15.44	15.68	15.48	16.5	0
15	16QAM	36	39	15.43	15.58	15.53		
15	16QAM	75	0	15.40	15.55	15.45		
15	64QAM	1	0	15.40	15.30	15.43		
15	64QAM	1	37	15.50	15.57	15.55	16.5	0
15	64QAM	1	74	15.43	15.46	15.47		
15	64QAM	36	0	15.39	15.47	15.61		
15	64QAM	36	20	15.53	15.53	15.62	16.5	0
15	64QAM	36	39	15.49	15.64	15.57		
15	64QAM	75	0	15.40	15.57	15.62		
15	256QAM	1	0	15.23	15.24	15.25		
15	256QAM	1	37	15.51	15.59	15.52	16.5	0
15	256QAM	1	74	15.31	15.35	15.27		
15	256QAM	36	0	15.31	15.39	15.56		
15	256QAM	36	20	15.30	15.58	15.62	16.5	0
15	256QAM	36	39	15.49	15.48	15.46		
15	256QAM	75	0	15.40	15.53	15.49		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.39	15.32	15.21		
10	QPSK	1	25	15.48	15.72	15.59	16.5	0
10	QPSK	1	49	15.27	15.43	15.31		
10	QPSK	25	0	15.41	15.59	15.46		
10	QPSK	25	12	15.49	15.70	15.59	16.5	0
10	QPSK	25	25	15.43	15.58	15.53		
10	QPSK	50	0	15.32	15.60	15.55		
10	16QAM	1	0	15.20	15.29	15.22		
10	16QAM	1	25	15.43	15.52	15.51	16.5	0
10	16QAM	1	49	15.29	15.46	15.47		
10	16QAM	25	0	15.45	15.55

Reduced Power Mode DSI1 for Inter CA

Band 2 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45	23	0
20	QPSK	1	49	22.53	22.61	22.46		
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38	22	1
20	QPSK	50	24	21.46	21.52	21.39		
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39	22	1
20	16QAM	1	49	21.62	21.65	21.49		
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50	21	2
20	16QAM	50	24	20.66	20.68	20.56		
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54	21	2
20	64QAM	1	49	20.72	20.74	20.66		
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57	20	3
20	64QAM	50	24	19.57	19.66	19.64		
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.48	17.45	18	5
20	256QAM	1	49	17.51	17.62	17.60		
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55	18	5
20	256QAM	50	24	17.55	17.63	17.58		
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36	23	0
15	QPSK	1	37	22.49	22.53	22.40		
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.39	21.51	21.40	22	1
15	QPSK	36	20	21.36	21.40	21.36		
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.38	21.52	21.32	22	1
15	16QAM	1	37	21.59	21.58	21.40		
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47	21	2
15	16QAM	36	20	20.60	20.60	20.53		
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47	21	2
15	64QAM	1	37	20.65	20.71	20.58		
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50	20	3
15	64QAM	36	20	19.51	19.63	19.56		
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41	18	5
15	256QAM	1	37	17.49	17.55	17.54		
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.52	17.48	18	5
15	256QAM	36	20	17.49	17.56	17.46		
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41	23	0
10	QPSK	1	25	22.49	22.55	22.37		
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32	22	1
10	QPSK	25	12	21.45	21.50	21.30		
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.43	21.46	21.36	22	1
10	16QAM	1	25	21.56	21.57	21.41		
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45	21	2
10	16QAM	25	12	20.66	20.64	20.53		
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49	21	2
10	64QAM	1	25	20.63	20.62	20.62		
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55	20	3
10	64QAM	25	12	19.55	19.56	19.60		
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42	18	5
10	256QAM	1	25	17.45	17.62	17.60		
10	256QAM	1	49	17.31	17.30	17.22		
10	256QAM	25	0	17.44	17.53	17.50	18	5
10	256QAM	25	12	17.49	17.56	17.53		
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.51	17.56		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44	23	0
5	QPSK	1	12	22.49	22.55	22.35		
5	QPSK	1	24	22.24	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31	22	1
5	QPSK	12	7	21.41	21.43	21.36		
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.47	21.35	22	1
5	16QAM	1	12	21.58	21.56	21.42		
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46	21	2
5	16QAM	12	7	20.65	20.65	20.45		
5	16QAM	12	13	20.57	20.59	20.44		
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50	21	2
5	64QAM	1	12	20.64	20.68	20.63		
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52	20	3
5	64QAM	12	7	19.52	19.58	19.58		
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43	18	5
5	256QAM	1	12	17.46	17.59	17.55		
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51	18	5
5	256QAM	12	7	17.47	17.59	17.51		
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43	23	0
3	QPSK	1	8	22.52	22.56	22.44		
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34	22	1
3	QPSK	8	4	21.39	21.47	21.30		
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.38	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.30	22	1
3	16QAM	1	8	21.61	21.59	21.41		
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47	21	2
3	16QAM	8	4	20.60	20.63	20.53		
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48	21	2
3	64QAM	1	8	20.63	20.63	20.63		
3	64QAM	1	14	20.46	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57	20	3
3	64QAM	8	4	19.51	19.61	19.59		
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41	18	5
3	256QAM	1	8	17.41	17.58	17.58		
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51	18	5
3	256QAM	8	4	17.51	17.55	17.54		
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35	23	0
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20		
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	2	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39	22	1
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23		
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.50	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.65	20.57	20.51	21	2
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42		
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44	18	5
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33		
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.42	24.46	24.32	25	0
20	QPSK	1	49	24.47	24.51	24.34		
20	QPSK	1	99	24.23	24.28	24.11		
20	QPSK	50	0	23.30	23.38	23.23	24	1
20	QPSK	50	24	23.38	23.43	23.31		
20	QPSK	50	50	23.27	23.33	23.19		
20	QPSK	100	0	23.32	23.38	23.24		
20	16QAM	1	0	23.32	23.41	23.29	24	1
20	16QAM	1	49	23.47	23.56	23.41		
20	16QAM	1	99	23.27	23.34	23.17		
20	16QAM	50	0	22.42	22.52	22.35	23	2
20	16QAM	50	24	22.44	22.55	22.41		
20	16QAM	50	50	22.35	22.48	22.33		
20	16QAM	100	0	22.41	22.56	22.44		
20	64QAM	1	0	22.42	22.56	22.47	23	2
20	64QAM	1	49	22.52	22.66	22.57		
20	64QAM	1	99	22.31	22.45	22.36		
20	64QAM	50	0	21.40	21.51	21.46	22	3
20	64QAM	50	24	21.40	21.56	21.55		
20	64QAM	50	50	21.43	21.50	21.45		
20	64QAM	100	0	21.40	21.48	21.46		
20	256QAM	1	0	19.28	19.35	19.31	20	5
20	256QAM	1	49	19.40	19.51	19.49		
20	256QAM	1	99	19.23	19.30	19.27		
20	256QAM	50	0	19.37	19.46	19.44	20	5
20	256QAM	50	24	19.43	19.50	19.49		
20	256QAM	50	50	19.40	19.48	19.43		
20	256QAM	100	0	19.36	19.43	19.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.32	24.40	24.24	25	0
15	QPSK	1	37	24.44	24.43	24.30		
15	QPSK	1	74	24.20	24.25	24.04		
15	QPSK	36	0	23.20	23.27	23.21	24	1
15	QPSK	36	20	23.31	23.32	23.25		
15	QPSK	36	39	23.17	23.24	23.17		
15	QPSK	75	0	23.22	23.32	23.25		
15	16QAM	1	0	23.27	23.33	23.23	24	1
15	16QAM	1	37	23.37	23.55	23.34		
15	16QAM	1	74	23.22	23.29	23.16		
15	16QAM	36	0	22.37	22.45	22.30	23	2
15	16QAM	36	20	22.39	22.51	22.38		
15	16QAM	36	39	22.26	22.39	22.23		
15	16QAM	75	0	22.32	22.47	22.32		
15	64QAM	1	0	22.38	22.54	22.48	23	2
15	64QAM	1	37	22.46	22.62	22.47		
15	64QAM	1	74	22.25	22.40	22.31		
15	64QAM	36	0	21.34	21.47	21.41	22	3
15	64QAM	36	20	21.44	21.51	21.51		
15	64QAM	36	39	21.33	21.44	21.40		
15	64QAM	75	0	21.39	21.43	21.37		
15	256QAM	1	0	19.23	19.29	19.25	20	5
15	256QAM	1	37	19.36	19.44	19.40		
15	256QAM	1	74	19.20	19.21	19.20		
15	256QAM	36	0	19.32	19.41	19.37	20	5
15	256QAM	36	20	19.32	19.41	19.43		
15	256QAM	36	39	19.34	19.42	19.38		
15	256QAM	75	0	19.30	19.35	19.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.42	24.39	24.32	25	0
10	QPSK	1	25	24.48	24.46	24.26		
10	QPSK	1	49	24.14	24.26	24.10		
10	QPSK	25	0	23.26	23.31	23.16	24	1
10	QPSK	25	12	23.31	23.40	23.27		
10	QPSK	25	25	23.24	23.23	23.14		
10	QPSK	50	0	23.29	23.32	23.22		
10	16QAM	1	0	23.28	23.36	23.21	24	1
10	16QAM	1	25	23.42	23.51	23.37		
10	16QAM	1	49	23.24	23.32	23.13		
10	16QAM	25	0	22.39	22.45	22.23	23	2
10	16QAM	25	12	22.38	22.54	22.31		
10	16QAM	25	25	22.28	22.42	22.28		
10	16QAM	50	0	22.40	22.52	22.32		
10	64QAM	1	0	22.32	22.54	22.38	23	2
10	64QAM	1	25	22.50	22.61	22.52		
10	64QAM	1	49	22.24	22.40	22.31		
10	64QAM	25	0	21.34	21.41	21.38	22	3
10	64QAM	25	12	21.40	21.51	21.45		
10	64QAM	25	25	21.32	21.45	21.42		
10	64QAM	50	0	21.31	21.44	21.44		
10	256QAM	1	0	19.23	19.34	19.28	20	5
10	256QAM	1	25	19.39	19.52	19.45		
10	256QAM	1	49	19.16	19.23	19.19		
10	256QAM	25	0	19.31	19.46	19.38	20	5
10	256QAM	25	12	19.36	19.44	19.46		
10	256QAM	25	25	19.29	19.45	19.37		
10	256QAM	50	0	19.27	19.39	19.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.40	24.36	24.24	25	0
5	QPSK	1	12	24.39	24.46	24.28		
5	QPSK	1	24	24.12	24.20	24.08		
5	QPSK	12	0	23.30	23.36	23.21	24	1
5	QPSK	12	7	23.38	23.39	23.22		
5	QPSK	12	13	23.20	23.26	23.09		
5	QPSK	25	0	23.24	23.34	23.17		
5	16QAM	1	0	23.21	23.38	23.24	24	1
5	16QAM	1	12	23.45	23.55	23.33		
5	16QAM	1	24	23.27	23.28	23.11		
5	16QAM	12	0	22.39	22.47	22.29	23	2
5	16QAM	12	7	22.36	22.54	22.35		
5	16QAM	12	13	22.31	22.39	22.27		
5	16QAM	25	0	22.30	22.47	22.44		
5	64QAM	1	0	22.42	22.47	22.38	23	2
5	64QAM	1	12	22.50	22.62	22.48		
5	64QAM	1	24	22.23	22.40	22.35		
5	64QAM	12	0	21.40	21.42	21.43	22	3
5	64QAM	12	7	21.46	21.49	21.48		
5	64QAM	12	13	21.41	21.42	21.43		
5	64QAM	25	0	21.38	21.42	21.46		
5	256QAM	1	0	19.24	19.27	19.29	20	5
5	256QAM	1	12	19.39	19.44	19.46		
5	256QAM	1	24	19.14	19.26	19.21		
5	256QAM	12	0	19.30	19.45	19.41	20	5
5	256QAM	12	7	19.38	19.50	19.44		
5	256QAM	12	13	19.35	19.44	19.33		
5	256QAM	25	0	19.31	19.39	19.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.33	24.36	24.24	25	0
3	QPSK	1	8	24.37	24.45	24.27		
3	QPSK	1	14	24.14	24.22	24.04		
3	QPSK	8	0	23.26	23.32	23.19	24	1
3	QPSK	8	4	23.35	23.33	23.25		
3	QPSK	8	7	23.24	23.34	23.13		
3	QPSK	15	0	23.24	23.27	23.18		
3	16QAM	1	0	23.21	23.33	23.25	24	1
3	16QAM	1	8	23.42	23.47	23.40		
3	16QAM	1	14	23.23	23.29	23.08		
3	16QAM	8	0	22.32	22.42	22.30	23	2
3	16QAM	8	4	22.45	22.46	22.39		
3	16QAM	8	7	22.27	22.45	22.28		
3	16QAM	15	0	22.36	22.47	22.39		
3	64QAM	1	0	22.37	22.46	22.42	23	2
3	64QAM	1	8	22.44	22.62	22.51		
3	64QAM	1	14	22.22	22.43	22.33		
3	64QAM	8	0	21.35	21.46	21.40	22	3
3	64QAM	8	4	21.43	21.52	21.49		
3	64QAM	8	7	21.38	21.47	21.41		
3	64QAM	15	0	21.32	21.43	21.38		
3	256QAM	1	0	19.26	19.28	19.29	20	5
3	256QAM	1	8	19.31	19.44	19.48		
3	256QAM	1	14	19.17	19.24	19.23		
3	256QAM	8	0	19.29	19.39	19.39	20	5
3	256QAM	8	4	19.39	19.48	19.47		
3	256QAM	8	7	19.38	19.45	19.34		
3	256QAM	15	0	19.32	19.37	19.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.38	24.37	24.21	25	0
1.4	QPSK	1	3	24.41	24.42	24.28		
1.4	QPSK	1	5	24.17	24.26	24.03		
1.4	QPSK	3	0	24.28	24.35	24.20		
1.4	QPSK	3	1	24.36	24.32	24.20		
1.4	QPSK	3	3	24.08	24.15	23.94		
1.4	QPSK	6	0	23.27	23.30	23.18	24	1
1.4	16QAM	1	0	23.28	23.39	23.23	24	1
1.4	16QAM	1	3	23.42	23.46	23.39		
1.4	16QAM	1	5	23.18	23.32	23.10		
1.4	16QAM	3	0	23.24	23.30	23.18		
1.4	16QAM	3	1	23.34	23.38	23.37		
1.4	16QAM	3	3	23.11	23.33	22.99		
1.4	16QAM	6	0	22.39	22.51	22.42	23	2
1.4	64QAM	1	0	22.36	22.47	22.37	23	2
1.4	64QAM	1	3	22.42	22.61	22.51		
1.4	64QAM	1	5	22.24	22.37	22.36		
1.4	64QAM	3	0	22.29	22.43	22.31		
1.4	64QAM	3	1	22.36	22.60	22.42		
1.4	64QAM	3	3	22.21	22.36	22.35		
1.4	64QAM	6	0	21.30	21.42	21.40	22	3
1.4	256QAM	1	0	19.22	19.30	19.23	20	5
1.4	256QAM	1	3	19.34	19.44	19.47		
1.4	256QAM	1	5	19.21	19.27	19.27		
1.4	256QAM	3	0	19.33	19.43	19.39		
1.4	256QAM	3	1	19.36	19.44	19.49		
1.4	256QAM	3	3	19.33	19.46	19.35		
1.4	256QAM	6	0	19.27	19.34	19.35	20	5

Band 4 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.05	21.01	20.97	21.5	0
20	QPSK	1	49	21.11	21.18	21.16		
20	QPSK	1	99	20.90	20.87	20.96		
20	QPSK	50	0	20.94	21.13	21.00	21.5	0
20	QPSK	50	24	21.08	21.14	21.12		
20	QPSK	50	50	20.96	21.03	21.11		
20	QPSK	100	0	20.94	21.10	21.04		
20	16QAM	1	0	20.98	20.99	21.02	21.5	0
20	16QAM	1	49	21.07	21.06	21.11		
20	16QAM	1	99	21.08	21.08	21.12		
20	16QAM	50	0	20.93	21.09	21.01	21.5	0
20	16QAM	50	24	21.04	21.03	21.06		
20	16QAM	50	50	20.94	21.01	21.06		
20	16QAM	100	0	20.

Band 4 Main PA_Ant 4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	21.26	21.31	21.23		
20	QPSK	1	49	21.33	21.38	21.35	21.7	0
20	QPSK	1	99	21.16	21.13	21.19		
20	QPSK	50	0	21.22	21.33	21.32		
20	QPSK	50	24	21.31	21.37	21.34	21.7	0
20	QPSK	50	50	21.30	21.32	21.30		
20	QPSK	100	0	21.22	21.32	21.29		
20	16QAM	1	0	21.25	21.23	21.17		
20	16QAM	1	49	21.27	21.29	21.22	21.7	0
20	16QAM	1	99	21.17	21.12	21.09		
20	16QAM	50	0	21.24	21.04	21.33		
20	16QAM	50	24	21.02	20.97	20.97	21.7	0
20	16QAM	50	50	21.19	21.28	21.01		
20	16QAM	100	0	21.18	21.27	21.28		
20	64QAM	1	0	21.16	21.19	21.19		
20	64QAM	1	49	21.28	21.29	20.86	21.7	0
20	64QAM	1	99	21.05	21.13	21.09		
20	64QAM	50	0	20.72	20.92	20.83		
20	64QAM	50	24	20.82	20.86	20.84	21.2	0.5
20	64QAM	50	50	20.75	20.81	20.83		
20	64QAM	100	0	20.74	20.84	20.85		
20	256QAM	1	0	18.71	18.72	18.70		
20	256QAM	1	49	18.79	18.82	18.84	19.2	2.5
20	256QAM	1	99	18.57	18.53	18.68		
20	256QAM	50	0	18.65	18.79	18.75		
20	256QAM	50	24	18.74	18.87	18.79	19.2	2.5
20	256QAM	50	50	18.74	18.76	18.71		
20	256QAM	100	0	18.71	18.74	18.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.21	21.30	21.19		
15	QPSK	1	37	21.20	21.32	21.29	21.7	0
15	QPSK	1	74	21.08	21.10	21.17		
15	QPSK	36	0	21.11	21.30	21.31		
15	QPSK	36	20	21.22	21.30	21.34	21.7	0
15	QPSK	36	39	21.20	21.24	21.25		
15	QPSK	75	0	21.21	21.30	21.24		
15	16QAM	1	0	21.13	21.18	21.18		
15	16QAM	1	37	21.21	21.18	21.20	21.7	0
15	16QAM	1	74	21.08	21.07	21.02		
15	16QAM	36	0	21.22	20.95	21.30		
15	16QAM	36	20	20.95	20.93	20.95	21.7	0
15	16QAM	36	39	21.15	21.28	20.98		
15	16QAM	75	0	21.12	21.20	21.21		
15	64QAM	1	0	21.11	21.10	21.13		
15	64QAM	1	37	21.25	21.24	20.75	21.7	0
15	64QAM	1	74	20.96	21.07	21.04		
15	64QAM	36	0	20.71	20.87	20.80		
15	64QAM	36	20	20.76	20.80	20.76	21.2	0.5
15	64QAM	36	39	20.69	20.76	20.77		
15	64QAM	75	0	20.70	20.79	20.74		
15	256QAM	1	0	18.65	18.64	18.67		
15	256QAM	1	37	18.72	18.78	18.79	19.2	2.5
15	256QAM	1	74	18.49	18.52	18.66		
15	256QAM	36	0	18.61	18.72	18.71		
15	256QAM	36	20	18.65	18.80	18.73	19.2	2.5
15	256QAM	36	39	18.64	18.71	18.66		
15	256QAM	75	0	18.71	18.70	18.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.17	21.26	21.21		
10	QPSK	1	25	21.26	21.32	21.27	21.7	0
10	QPSK	1	49	21.11	21.09	21.12		
10	QPSK	25	0	21.22	21.32	21.30		
10	QPSK	25	12	21.25	21.31	21.28	21.7	0
10	QPSK	25	25	21.24	21.28	21.28		
10	QPSK	50	0	21.18	21.29	21.21		
10	16QAM	1	0	21.25	21.16	21.11		
10	16QAM	1	25	21.23	21.28	21.15	21.7	0
10	16QAM	1	49	21.12	21.08	21.00		
10	16QAM	25	0	21.20	20.98	21.23		
10	16QAM	25	12	20.92	20.92	20.93	21.7	0
10	16QAM	25	25	21.11	21.21	20.98		
10	16QAM	50	0	21.07	21.23	21.25		
10	64QAM	1	0	21.09	21.14	21.12		
10	64QAM	1	25	21.25	21.28	20.80	21.7	0
10	64QAM	1	49	20.99	21.03	21.00		
10	64QAM	25	0	20.68	20.87	20.79		
10	64QAM	25	12	20.71	20.81	20.81	21.2	0.5
10	64QAM	25	25	20.63	20.75	20.77		
10	64QAM	50	0	20.67	20.78	20.79		
10	256QAM	1	0	18.63	18.68	18.68		
10	256QAM	1	25	18.75	18.76	18.82	19.2	2.5
10	256QAM	1	49	18.46	18.45	18.59		
10	256QAM	25	0	18.58	18.76	18.69		
10	256QAM	25	12	18.73	18.81	18.70	19.2	2.5
10	256QAM	25	25	18.68	18.71	18.63		
10	256QAM	50	0	18.68	18.68	18.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.16	21.28	21.18		
5	QPSK	1	12	21.25	21.33	21.31	21.7	0
5	QPSK	1	24	21.06	21.04	21.17		
5	QPSK	12	0	21.18	21.28	21.29		
5	QPSK	12	7	21.24	21.31	21.31	21.7	0
5	QPSK	12	13	21.24	21.21	21.21		
5	QPSK	25	0	21.18	21.33	21.28		
5	16QAM	1	0	21.17	21.19	21.08		
5	16QAM	1	12	21.24	21.24	21.18	21.7	0
5	16QAM	1	24	21.16	21.06	21.03		
5	16QAM	12	0	21.21	21.03	21.23		
5	16QAM	12	7	20.97	20.95	20.95	21.7	0
5	16QAM	12	13	21.13	21.16	21.00		
5	16QAM	25	0	21.06	21.23	21.17		
5	64QAM	1	0	21.09	21.16	21.15		
5	64QAM	1	12	21.16	21.20	20.82	21.7	0
5	64QAM	1	24	21.03	21.14	21.03		
5	64QAM	12	0	20.65	20.88	20.81		
5	64QAM	12	7	20.77	20.77	20.80	21.2	0.5
5	64QAM	12	13	20.67	20.73	20.84		
5	64QAM	25	0	20.62	20.77	20.79		
5	256QAM	1	0	18.67	18.60	18.67		
5	256QAM	1	12	18.72	18.76	18.75	19.2	2.5
5	256QAM	1	24	18.48	18.54	18.68		
5	256QAM	12	0	18.54	18.74	18.73		
5	256QAM	12	7	18.63	18.80	18.78	19.2	2.5
5	256QAM	12	13	18.71	18.73	18.60		
5	256QAM	25	0	18.61	18.65	18.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.15	21.25	21.18		
3	QPSK	1	8	21.22	21.32	21.25	21.7	0
3	QPSK	1	14	21.06	21.08	21.11		
3	QPSK	8	0	21.22	21.31	21.24		
3	QPSK	8	4	21.28	21.33	21.36	21.7	0
3	QPSK	8	7	21.26	21.30	21.23		
3	QPSK	15	0	21.13	21.24	21.23		
3	16QAM	1	0	21.19	21.18	21.10		
3	16QAM	1	8	21.24	21.18	21.17	21.7	0
3	16QAM	1	14	21.16	21.05	21.05		
3	16QAM	8	0	21.23	20.96	21.26		
3	16QAM	8	4	20.98	20.92	20.89	21.7	0
3	16QAM	8	7	21.10	21.19	20.95		
3	16QAM	15	0	21.17	21.25	21.25		
3	64QAM	1	0	21.10	21.08	21.15		
3	64QAM	1	8	21.23	21.20	20.84	21.7	0
3	64QAM	1	14	20.95	21.06	21.01		
3	64QAM	8	0	20.62	20.90	20.71		
3	64QAM	8	4	20.76	20.74	20.76	21.2	0.5
3	64QAM	8	7	20.64	20.75	20.81		
3	64QAM	15	0	20.69	20.79	20.81		
3	256QAM	1	0	18.63	18.69	18.71		
3	256QAM	1	8	18.75	18.80	18.79	19.2	2.5
3	256QAM	1	14	18.51	18.45	18.63		
3	256QAM	8	0	18.57	18.76	18.72		
3	256QAM	8	4	18.65	18.80	18.78	19.2	2.5
3	256QAM	8	7	18.75	18.74	18.63		
3	256QAM	15	0	18.64	18.68	18.64		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.18	21.31	21.16		
1.4	QPSK	1	3	21.24	21.29	21.27		
1.4	QPSK	1	5	21.17	21.05	21.12	21.7	0
1.4	QPSK	3	0	21.18	21.32	21.26		
1.4	QPSK	3	1	21.28	21.30	21.31		
1.4	QPSK	3	3	21.30	21.27	21.24		
1.4	QPSK	6	0	21.18	21.29	21.22	21.7	0
1.4	16QAM	1	0	21.18	21.26	21.16		
1.4	16QAM	1	3	21.27	21.26	21.35		
1.4	16QAM	1	5	21.15	21.13	21.10	21.7	0
1.4	16QAM	3	0	21.19	21.25	21.28		
1.4	16QAM	3	1	21.20	21.28	21.34		
1.4	16QAM	3	3	21.23	21.29	21.21		
1.4	16QAM	6	0	21.20	21.29	21.26	21.7	0
1.4	64QAM	1	0	21.19	21.22	21.14		
1.4	64QAM	1	3	21.23	21.34	21.32		
1.4	64QAM	1	5	21.13	21.10	21.08	21.7	0
1.4	64QAM	3	0	21.22	21.24	21.23		
1.4	64QAM	3	1	21.29	21.34	21.29		
1.4	64QAM	3	3	21.25	21.27	21.23		
1.4	64QAM	6	0	20.72	20.76	20.68	21.2	0.5
1.4	256QAM	1	0	18.60	18.67	18.65		
1.4	256QAM	1	3	18.69	18.76	18.81		
1.4	256QAM	1	5	18.55	18.50	18.68	19.2	2.5
1.4	256QAM	3	0	18.55	18.79	18.68		
1.4	256QAM	3	1	18.70	18.82	18.74		
1.4	256QAM	3	3	18.72	18.65	18.71		
1.4	256QAM	6	0	18.70	18.66	18.60	19.2	2.5

Band 7 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33		
20	QPSK	1	49	20.65	20.77	20.58	21.5	0
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.59	19.67	19.60		
20	QPSK	50	24	19.67	19.69	19.68	20.5	1
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48		
20	16QAM	1	49	19.92	19.83	19.70	20.5	1
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57		
20	16QAM	50	24	18.64	18.61	18.55	19.5	2
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48		
20	64QAM	1	49	18.88	18.81	18.69	19.5	2
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.53	17.63	17.56		
20	64QAM	50	24	17.66	17.61	17.50	18.5	3
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37		
20	256QAM	1	49	15.40	15.27	15.31	16.5	5
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26		
20	256QAM	50	24	15.28	15.25	15.27	16.5	5
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27		
15	QPSK	1	37	20.68	20.68	20.58	21.5	0
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62		
15	QPSK	36	20	19.71	19.63	19.57	20.5	1
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53		
15	16QAM	1	37	19.90	19.77	19.74	20.5	1
15	16QAM	1	74	19.63	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53		
15	16QAM	36	20	18.57	18.60	18.47	19.5	2
15	16QAM	36	39	18.67	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48		
15	64QAM	1	37	18.86	18.73	18.68	19.5	2
15	64QAM	1	74	18.65	18.64	18.49		
15	64QAM	36	0	17.56	17.61	17.61		
15	64QAM	36	20	17.70	17.54	17.48	18.5	3
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36		
15	256QAM	1	37	15.30	15.26	15.34	16.5	5
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17		
15	256QAM	36	20	15.28	15.18	15.25	16.5	5
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38		
10	QPSK	1	25	20.68	20.74	20.51	21.5	0
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58		
10	QPSK	25	12	19.57	19.70	19.61	20.5	1
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43		
10	16QAM	1	25	19.83	19.74	19.60	20.5	1
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48		
10	16QAM	25	12	18.62	18.61	18.55	19.5	2
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53		
10	64QAM	1	0	18.63	18.52	18.50		
10	64QAM	1	25	18.78	18.83	18.72	19.5	2
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46		
10	64QAM	25	12	17.66	17.54	17.53	18.5	3
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29		
10	256QAM	1	25	15.44	15.17	15.34	16.5	5
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28		
10	256QAM	25	12	15.33	15.17	15.32	16.5	5
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.31	15.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34		
5	QPSK	1	12	20.56	20.71	20.61	21.5	0
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52		
5	QPSK	12	7	19.61	19.65	19.56	20.5	1
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48		
5	16QAM	1	12	19.90	19.78	19.75	20.5	1
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62		
5	16QAM	12	7	18.67	18.62	18.54	19.5	2
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46		
5	64QAM	1	12	18.88	18.73	18.68	19.5	2
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49		
5	64QAM	12	7	17.63	17.53	17.45	18.5	3
5	64QAM	12	13	17.55	17.50	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27		
5	256QAM	1	12	15.32	15.31	15.28	16.5	5
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18		
5	256QAM	12	7	15.29	15.27	15.25	16.5	5
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.74	19.51	19.56		
20	QPSK	1	49	19.85	19.95	19.86	20.5	0
20	QPSK	1	99	19.58	19.76	19.69		
20	QPSK	50	0	19.68	19.87	19.80		
20	QPSK	50	24	19.87	19.94	19.83	20.5	0
20	QPSK	50	50	19.78	19.86	19.77		
20	QPSK	100	0	19.76	19.86	19.85		
20	16QAM	1	0	19.49	19.50	19.57		
20	16QAM	1	49	19.70	19.74	19.73	20.5	0
20	16QAM	1	99	19.36	19.58	19.66		
20	16QAM	50	0	19.78	19.91	19.93		
20	16QAM	50	24	19.82	19.89	19.93	20.5	0
20	16QAM	50	50	19.84	19.88	19.86		
20	16QAM	100	0	19.74	19.88	19.85		
20	64QAM	1	0	19.72	19.70	19.77		
20	64QAM	1	49	19.80	19.79	19.76	20.5	0
20	64QAM	1	99	19.81	19.85	19.85		
20	64QAM	50	0	19.52	19.71	19.70		
20	64QAM	50	24	19.67	19.67	19.72	20.5	0
20	64QAM	50	50	19.63	19.72	19.68		
20	64QAM	100	0	19.59	19.71	19.68		
20	256QAM	1	0	18.14	17.98	18.00		
20	256QAM	1	49	18.30	18.38	18.35	19	1.5
20	256QAM	1	99	18.01	18.23	18.15		
20	256QAM	50	0	18.15	18.28	18.22		
20	256QAM	50	24	18.31	18.40	18.32	19	1.5
20	256QAM	50	50	18.23	18.34	18.22		
20	256QAM	100	0	18.21	18.31	18.27		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.67	19.44	19.45		
15	QPSK	1	37	19.86	19.87	19.81	20.5	0
15	QPSK	1	74	19.55	19.76	19.68		
15	QPSK	36	0	19.61	19.78	19.80		
15	QPSK	36	20	19.84	19.85	19.76	20.5	0
15	QPSK	36	39	19.71	19.84	19.73		
15	QPSK	75	0	19.71	19.80	19.75		
15	16QAM	1	0	19.40	19.42	19.52		
15	16QAM	1	37	19.64	19.62	19.67	20.5	0
15	16QAM	1	74	19.28	19.52	19.56		
15	16QAM	36	0	19.69	19.87	19.86		
15	16QAM	36	20	19.73	19.82	19.86	20.5	0
15	16QAM	36	39	19.84	19.82	19.79		
15	16QAM	75	0	19.67	19.79	19.78		
15	64QAM	1	0	19.71	19.60	19.72		
15	64QAM	1	37	19.70	19.72	19.71	20.5	0
15	64QAM	1	74	19.73	19.77	19.82		
15	64QAM	36	0	19.45	19.64	19.64		
15	64QAM	36	20	19.67	19.61	19.65	20.5	0
15	64QAM	36	39	19.56	19.83	19.64		
15	64QAM	75	0	19.55	19.71	19.66		
15	256QAM	1	0	18.05	17.88	17.98		
15	256QAM	1	37	18.23	18.36	18.33	19	1.5
15	256QAM	1	74	17.96	18.13	18.06		
15	256QAM	36	0	18.10	18.21	18.18		
15	256QAM	36	20	18.23	18.38	18.25	19	1.5
15	256QAM	36	39	18.18	18.24	18.14		
15	256QAM	75	0	18.16	18.28	18.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.71	19.45	19.55		
10	QPSK	1	25	19.79	19.85	19.80	20.5	0
10	QPSK	1	49	19.55	19.70	19.66		
10	QPSK	25	0	19.64	19.84	19.70		
10	QPSK	25	12	19.78	19.83	19.80	20.5	0
10	QPSK	25	25	19.72	19.82	19.72		
10	QPSK	50	0	19.70	19.85	19.79		
10	16QAM	1	0	19.47	19.45	19.49		
10	16QAM	1	25	19.64	19.66	19.66	20.5	0
10	16QAM	1	49	19.31	19.67	19

Reduced Power Mode DSI3 for Inter CA

Band 2 Other PA_Ant 2

B/W [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45		
20	QPSK	1	49	22.53	22.61	22.46	23	0
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38		
20	QPSK	50	24	21.46	21.52	21.39	22	1
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39		
20	16QAM	1	49	21.62	21.65	21.49	22	1
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50		
20	16QAM	50	24	20.66	20.68	20.56	21	2
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54		
20	64QAM	1	49	20.72	20.74	20.66	21	2
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57		
20	64QAM	50	24	19.57	19.66	19.64	20	3
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.48	17.45		
20	256QAM	1	49	17.51	17.62	17.60	18	5
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55		
20	256QAM	50	24	17.55	17.63	17.58	18	5
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36		
15	QPSK	1	37	22.49	22.53	22.40	23	0
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.39	21.51	21.40		
15	QPSK	36	20	21.36	21.40	21.36	22	1
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.36	21.52	21.32		
15	16QAM	1	37	21.59	21.58	21.40	22	1
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47		
15	16QAM	36	20	20.60	20.60	20.53	21	2
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47		
15	64QAM	1	37	20.65	20.71	20.58	21	2
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50		
15	64QAM	36	20	19.51	19.63	19.56	20	3
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41		
15	256QAM	1	37	17.49	17.55	17.54	18	5
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.52	17.48		
15	256QAM	36	20	17.49	17.56	17.46	18	5
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41		
10	QPSK	1	25	22.49	22.55	22.37	23	0
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32		
10	QPSK	25	12	21.45	21.50	21.30	22	1
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.43	21.46	21.36		
10	16QAM	1	25	21.56	21.57	21.41	22	1
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45		
10	16QAM	25	12	20.66	20.64	20.53	21	2
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49		
10	64QAM	1	25	20.63	20.62	20.62	21	2
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55		
10	64QAM	25	12	19.55	19.56	19.60	20	3
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42		
10	256QAM	1	25	17.45	17.62	17.60	18	5
10	256QAM	1	49	17.31	17.30	17.22		
10	256QAM	25	0	17.44	17.53	17.50		
10	256QAM	25	12	17.49	17.56	17.53	18	5
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.51	17.56		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44		
5	QPSK	1	12	22.49	22.55	22.35	23	0
5	QPSK	1	24	22.24	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31		
5	QPSK	12	7	21.41	21.43	21.36	22	1
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.47	21.35		
5	16QAM	1	12	21.58	21.56	21.42	22	1
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46		
5	16QAM	12	7	20.65	20.65	20.45	21	2
5	16QAM	12	13	20.57	20.59	20.44		
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50		
5	64QAM	1	12	20.64	20.68	20.63	21	2
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52		
5	64QAM	12	7	19.52	19.58	19.58	20	3
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43		
5	256QAM	1	12	17.46	17.59	17.55	18	5
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51		
5	256QAM	12	7	17.47	17.59	17.51	18	5
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43		
3	QPSK	1	8	22.52	22.56	22.44	23	0
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34		
3	QPSK	8	4	21.39	21.47	21.30	22	1
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.36	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.30		
3	16QAM	1	8	21.61	21.59	21.41	22	1
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47		
3	16QAM	8	4	20.60	20.63	20.53	21	2
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48		
3	64QAM	1	8	20.63	20.63	20.63	21	2
3	64QAM	1	14	20.48	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57		
3	64QAM	8	4	19.51	19.61	19.59	20	3
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41		
3	256QAM	1	8	17.41	17.58	17.58	18	5
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51		
3	256QAM	8	4	17.51	17.55	17.54	18	5
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35		
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20	23	0
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	1	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39		
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23	22	1
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.50	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.65	20.57	20.57		
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42	21	2
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44		
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33	18	5
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	5

Band 2 Other PA_Ant 5

B/W [MHz]	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	24.42	24.46	24.32		
20	QPSK	1	49	24.47	24.51	24.34	25	0
20	QPSK	1	99	24.23	24.28	24.11		
20	QPSK	50	0	23.30	23.38	23.23		
20	QPSK	50	24	23.38	23.43	23.31	24	1
20	QPSK	50	50	23.27	23.33	23.19		
20	QPSK	100	0	23.32	23.38	23.24		
20	16QAM	1	0	23.32	23.41	23.29		
20	16QAM	1	49	23.47	23.56	23.41	24	1
20	16QAM	1	99	23.27	23.34	23.17		
20	16QAM	50	0	22.42	22.52	22.35		
20	16QAM	50	24	22.44	22.55	22.41	23	2
20	16QAM	50	50	22.35	22.48	22.33		
20	16QAM	100	0	22.41	22.56	22.44		
20	64QAM	1	0	22.42	22.56	22.47		
20	64QAM	1	49	22.52	22.66	22.57	23	2
20	64QAM	1	99	22.31	22.46	22.36		
20	64QAM	50	0	21.40	21.51	21.46		
20	64QAM	50	24	21.48	21.56	21.55	22	3
20	64QAM	50	50	21.43	21.50	21.45		
20	64QAM	100	0	21.40	21.48	21.46		
20	256QAM	1	0	19.28	19.35	19.31		
20	256QAM	1	49	19.40	19.51	19.49	20	5
20	256QAM	1	99	19.23	19.30	19.27		
20	256QAM	50	0	19.37	19.46	19.44		
20	256QAM	50	24	19.43	19.50	19.49	20	5
20	256QAM	50	50	19.40	19.48	19.43		
20	256QAM	100	0	19.36	19.43	19.42		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.32	24.40	24.24		
15	QPSK	1	37	24.44	24.43	24.30	25	0
15	QPSK	1	74	24.20	24.25	24.04		
15	QPSK	36	0	23.20	23.27	23.21		
15	QPSK	36	20	23.31	23.32	23.25	24	1
15	QPSK	36	39	23.17	23.24	23.17		
15	QPSK	75	0	23.22	23.32	23.25		
15	16QAM	1	0	23.27	23.33	23.23		
15	16QAM	1	37	23.37	23.55	23.34	24	1
15	16QAM	1	74	23.22	23.29	23.16		
15	16QAM	36	0	22.37	22.45	22.30		
15	16QAM	36	20	22.39	22.51	22.38	23	2
15	16QAM	36	39	22.26	22.39	22.23		
15	16QAM	75	0	22.33	22.47	22.32		
15	64QAM	1	0	22.38	22.54	22.48		
15	64QAM	1	37	22.46	22.62	22.47	23	2
15	64QAM	1	74	22.25	22.40	22.31		
15	64QAM	36	0	21.34	21.47	21.41		
15	64QAM	36	20	21.44	21.51	21.51	22	3
15	64QAM	36	39	21.33	21.44	21.40		
15	64QAM	75	0	21.39	21.43	21.37		
15	256QAM	1	0	19.23	19.29	19.25		
15	256QAM	1	37	19.36	19.44	19.40	20	5
15	256QAM	1	74	19.20	19.21	19.20		
15	256QAM	36	0	19.32	19.41	19.37		
15	256QAM	36	20	19.32	19.41	19.43	20	5
15	256QAM	36	39	19.34	19.42	19.38		
15	256QAM	75	0	19.30	19.35	19.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.42	24.39	24.32		
10	QPSK	1	25	24.48	24.46	24.26	25	0
10	QPSK	1	49	24.14	24.26	24.10		
10	QPSK	25	0	23.26	23.31	23.16		
10	QPSK	25	12	23.31	23.40	23.27	24	1
10	QPSK	25	25	23.24	23.23	23.14		
10	QPSK	50	0	23.29	23.32	23.22		
10	16QAM	1	0	23.28	23.36	23.21		
10	16QAM	1	25	23.42	23.51	23.37	24	1
10	16QAM	1	49	23.24	23.32	23.13		
10	16QAM	25	0	22.39	22.45	22.23		
10	16QAM	25	12	22.38	22.54	22.31	23	2
10	16QAM	25	25	22.28	22.42	22.28		
10	16QAM	50	0	22.40	22.52	22.32		
10	64QAM	1	0	22.32	22.54	22.38		
10	64QAM	1	25	22.50	22.61	22.52	23	2
10	64QAM	1	49	22.24	22.40	22.31		
10	64QAM	25	0	21.34	21.41	21.38		
10	64QAM	25	12	21.40	21.51	21.45	22	3
10	64QAM	25	25	21.32	21.45	21.42		
10	64QAM	50	0	21.31	21.44	21.44		
10	256QAM	1	0	19.23	19.34	19.28		
10	256QAM	1	25	19.39	19.52	19.45	20	5
10	256QAM	1	49	19.16	19.23	19.19		
10	256QAM	25	0	19.31	19.46	19.38		
10	256QAM	25	12	19.36	19.44	19.46	20	5
10	256QAM	25	25	19.29	19.45	19.37		
10	256QAM	50	0	19.27	19.39	19.40		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.40	24.36	24.24		
5	QPSK	1	12	24.39	24.46	24.28	25	0
5	QPSK	1	24	24.12	24.20	24.08		
5	QPSK	12	0	23.30	23.36	23.21		
5	QPSK	12	7	23.38	23.39	23.22	24	1
5	QPSK	12	13	23.20	23.26	23.09		
5	QPSK	25	0	23.24	23.34	23.17		
5	16QAM	1	0	23.27	23.38	23.24		
5	16QAM	1	12	23.45	23.55	23.33	24	1
5	16QAM	1	24	23.27	23.28	23.11		
5	16QAM	12	0	22.39	22.47	22.29		
5	16QAM	12	7	22.36	22.54	22.35	23	2
5	16QAM	12	13	22.31	22.39	22.27		
5	16QAM	25	0	22.30	22.47	22.44		
5	64QAM	1	0	22.42	22.47	22.38		
5	64QAM	1	12	22.56	22.62	22.48	23	2
5	64QAM	1	24	22.23	22.40	22.35		
5	64QAM	12	0	21.40	21.42	21.43		
5	64QAM	12	7	21.46	21.49	21.48	22	3
5	64QAM	12	13	21.41	21.42	21.43		
5	64QAM	25	0	21.38	21.42	21.46		
5	256QAM	1	0	19.24	19.27	19.29		
5	256QAM	1	12	19.39	19.44	19.46	20	5
5	256QAM	1	24	19.14	19.26	19.21		
5	256QAM	12	0	19.30	19.45	19.41		
5	256QAM	12	7	19.38	19.50	19.44	20	5
5	256QAM	12	13	19.35	19.44	19.33		
5	256QAM	25	0	19.31	19.39	19.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.33	24.36	24.24		
3	QPSK	1	8	24.37	24.45	24.27	25	0
3	QPSK	1	14	24.14	24.22	24.04		
3	QPSK	8	0	23.26	23.32	23.19		
3	QPSK	8	4	23.35	23.33	23.25	24	1
3	QPSK	8	7	23.24	23.34	23.13		
3	QPSK	15	0	23.24	23.27	23.18		
3	16QAM	1	0	23.21	23.33	23.25		
3	16QAM	1	8	23.42	23.47	23.40	24	1
3	16QAM	1	14	23.23	23.29	23.08		
3	16QAM	8	0	22.32	22.42	22.30		
3	16QAM	8	4	22.45	22.46	22.39	23	2
3	16QAM	8	7	22.31	22.45	22.28		
3	16QAM	15	0	22.36	22.47	22.39		
3	64QAM	1	0	22.37	22.46	22.42		
3	64QAM	1	8	22.44	22.62	22.51	23	2
3	64QAM	1	14	22.22	22.43	22.33		
3	64QAM	8	0	21.35	21.46	21.40		
3	64QAM	8	4	21.43	21.52	21.49	22	3
3	64QAM	8	7	21.38	21.47	21.41		
3	64QAM	15	0	21.32	21.43	21.38		
3	256QAM	1	0	19.26	19.26	19.29		
3	256QAM	1	8	19.31	19.44	19.48	20	5
3	256QAM	1	14	19.17	19.24	19.23		
3	256QAM	8	0	19.29	19.39	19.39		
3	256QAM	8	4	19.39	19.48	19.47	20	5
3	256QAM	8	7	19.38	19.45	19.34		
3	256QAM	15	0	19.32	19.37	19.41		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.38	24.37	24.21		
1.4	QPSK	1	3	24.41	24.42	24.28		
1.4	QPSK	1	5	24.17	24.26	24.03	25	0
1.4	QPSK	3	0	24.28	24.35	24.20		
1.4	QPSK	3	1	24.36	24.32	24.20		
1.4	QPSK	3	3	24.08	24.15	23.94		
1.4	QPSK	6	0	23.27	23.30	23.18	24	1
1.4	16QAM	1	0	23.28	23.39	23.23		
1.4	16QAM	1	3	23.42	23.46	23.39		
1.4	16QAM	1	5	23.18	23.32	23.10	24	1
1.4	16QAM	3	0	23.24	23.30	23.18		
1.4	16QAM	3	1	23.34	23.38	23.37		
1.4	16QAM	3	3	23.11	23.33	22.99		
1.4	16QAM	6	0	22.39	22.51	22.42	23	2
1.4	64QAM	1	0	22.36	22.47	22.37		
1.4	64QAM	1	3	22.42	22.61	22.51		
1.4	64QAM	1	5	22.24	22.37	22.36	23	2
1.4	64QAM	3	0	22.29	22.43	22.31		
1.4	64QAM	3	1	22.36	22.60	22.42		
1.4	64QAM	3	3	22.21	22.36	22.35		
1.4	64QAM	6	0	21.30	21.42	21.40	22	3
1.4	256QAM	1	0	19.22	19.30	19.23		
1.4	256QAM	1	3	19.34	19.44	19.47		
1.4	256QAM	1	5	19.21	19.27	19.27	20	5
1.4	256QAM	3	0	19.33	19.43	19.39		
1.4	256QAM	3	1	19.36	19.44	19.49		
1.4	256QAM	3	3	19.33	19.46	19.35		
1.4	256QAM	6	0	19.27	19.34	19.35	20	5

Band 4 Main PA_Ant 3

B/W [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.21	24.14	24.20		
20	QPSK	1	49	24.41	24.42	24.41	25	0
20	QPSK	1	99	24.11	23.93	24.15		
20	QPSK	50	0	23.77	23.79	23.81		
20	QPSK	50	24	23.81	23.91	23.88	24.5	0.5
20	QPSK	50	50	23.76	23.76	23.82		
20	QPSK	100	0	23.77	23.84	23.76		
20	16QAM	1	0	23.92	23.93	23.99		
20	16QAM	1	49	23.97	23.98	24.00	24.5	0.5
20	16QAM	1	99	23.88	23.78	23.79		
20	16QAM	50	0	22.60	22.85	22.76		
20	16QAM	50	24	22.86	22.79	22.88	23.5	1.5
20	16QAM	50	50	22.72	22.78	22.82		
20	16QAM	100

Band 4 Main PA_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	23.77	23.72	23.75	24.2	0
20	QPSK	1	49	23.80	23.82	23.80		
20	QPSK	1	99	23.63	23.61	23.69		
20	QPSK	50	0	22.76	22.90	22.67	23.2	1
20	QPSK	50	24	22.86	22.91	22.77		
20	QPSK	50	50	22.72	22.85	22.71		
20	QPSK	100	0	22.67	22.83	22.75		
20	16QAM	1	0	22.93	23.00	22.94	23.2	1
20	16QAM	1	49	23.06	23.02	23.04		
20	16QAM	1	99	22.81	22.84	22.84		
20	16QAM	50	0	21.64	21.87	21.74	22.2	2
20	16QAM	50	24	21.81	21.79	21.82		
20	16QAM	50	50	21.69	21.76	21.83		
20	16QAM	100	0	21.68	21.80	21.76		
20	64QAM	1	0	21.80	21.94	21.94	22.2	2
20	64QAM	1	49	21.92	22.03	22.01		
20	64QAM	1	99	21.67	21.81	21.86		
20	64QAM	50	0	20.61	20.83	20.70	21.2	3
20	64QAM	50	24	20.78	20.74	20.78		
20	64QAM	50	50	20.66	20.72	20.78		
20	64QAM	100	0	20.63	20.77	20.74		
20	256QAM	1	0	18.83	18.83	18.90	19.2	5
20	256QAM	1	49	18.89	19.00	18.98		
20	256QAM	1	99	18.98	18.93	18.88		
20	256QAM	50	0	18.86	18.85	18.96	19.2	5
20	256QAM	50	24	19.07	18.90	18.95		
20	256QAM	50	50	18.99	18.86	18.90		
20	256QAM	100	0	18.98	18.96	18.91		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.78	23.71	23.65	24.2	0
15	QPSK	1	37	23.81	23.74	23.67		
15	QPSK	1	74	23.56	23.64	23.67		
15	QPSK	36	0	22.79	22.56	22.70	23.2	1
15	QPSK	36	20	22.86	22.84	22.76		
15	QPSK	36	39	22.66	22.77	22.66		
15	QPSK	75	0	22.62	22.75	22.79		
15	16QAM	1	0	22.98	23.00	22.87	23.2	1
15	16QAM	1	37	23.09	23.02	23.00		
15	16QAM	1	74	22.81	22.82	22.74		
15	16QAM	36	0	21.55	21.86	21.72	22.2	2
15	16QAM	36	20	21.75	21.69	21.84		
15	16QAM	36	39	21.69	21.76	21.78		
15	16QAM	75	0	21.73	21.81	21.70		
15	64QAM	1	0	21.81	21.94	21.86	22.2	2
15	64QAM	1	37	21.89	22.04	21.97		
15	64QAM	1	74	21.66	21.86	21.78		
15	64QAM	36	0	20.65	20.81	20.62	21.2	3
15	64QAM	36	20	20.73	20.73	20.80		
15	64QAM	36	39	20.56	20.62	20.70		
15	64QAM	75	0	20.68	20.67	20.66		
15	256QAM	1	0	18.83	18.83	18.81	19.2	5
15	256QAM	1	37	18.90	19.01	18.98		
15	256QAM	1	74	18.91	18.95	18.80		
15	256QAM	36	0	18.76	18.80	18.91	19.2	5
15	256QAM	36	20	18.99	18.85	18.92		
15	256QAM	36	39	19.02	18.76	18.80		
15	256QAM	75	0	18.95	18.88	18.95		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.76	23.76	23.77	24.2	0
10	QPSK	1	25	23.81	23.72	23.70		
10	QPSK	1	49	23.58	23.57	23.72		
10	QPSK	25	0	22.78	22.85	22.65	23.2	1
10	QPSK	25	12	22.85	22.90	22.76		
10	QPSK	25	25	22.63	22.78	22.69		
10	QPSK	50	0	22.70	22.74	22.74		
10	16QAM	1	0	22.92	22.91	22.95	23.2	1
10	16QAM	1	25	23.04	22.98	23.09		
10	16QAM	1	49	22.86	22.82	22.75		
10	16QAM	25	0	21.59	21.80	21.68	22.2	2
10	16QAM	25	12	21.72	21.83	21.80		
10	16QAM	25	25	21.60	21.73	21.85		
10	16QAM	50	0	21.60	21.83	21.66	22.2	2
10	64QAM	1	0	21.79	21.85	21.91		
10	64QAM	1	25	21.92	22.01	21.96		
10	64QAM	1	49	21.58	21.77	21.81		
10	64QAM	25	0	20.59	20.75	20.67	21.2	3
10	64QAM	25	12	20.68	20.65	20.79		
10	64QAM	25	25	20.66	20.67	20.79		
10	64QAM	50	0	20.54	20.73	20.75		
10	256QAM	1	0	18.73	18.85	18.80	19.2	5
10	256QAM	1	25	18.94	18.95	18.96		
10	256QAM	1	49	18.91	18.83	18.82		
10	256QAM	25	0	18.78	18.88	18.88	19.2	5
10	256QAM	25	12	19.12	18.93	18.98		
10	256QAM	25	25	18.93	18.84	18.85		
10	256QAM	50	0	19.01	18.89	18.96		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.70	23.69	23.74	24.2	0
5	QPSK	1	12	23.79	23.80	23.72		
5	QPSK	1	24	23.67	23.63	23.74		
5	QPSK	12	0	22.72	22.87	22.71	23.2	1
5	QPSK	12	7	22.81	22.95	22.81		
5	QPSK	12	13	22.65	22.76	22.64		
5	QPSK	25	0	22.63	22.85	22.73		
5	16QAM	1	0	22.85	23.01	22.93	23.2	1
5	16QAM	1	12	23.04	23.01	23.03		
5	16QAM	1	24	22.71	22.81	22.79		
5	16QAM	12	0	21.59	21.86	21.77	22.2	2
5	16QAM	12	7	21.73	21.74	21.75		
5	16QAM	12	13	21.66	21.75	21.85		
5	16QAM	25	0	21.66	21.70	21.66		
5	64QAM	1	0	21.72	21.99	21.84	22.2	2
5	64QAM	1	12	21.82	21.96	21.99		
5	64QAM	1	24	21.57	21.79	21.87		
5	64QAM	12	0	20.62	20.86	20.63	21.2	3
5	64QAM	12	7	20.73	20.77	20.72		
5	64QAM	12	13	20.62	20.76	20.75		
5	64QAM	25	0	20.67	20.73	20.69		
5	256QAM	1	0	18.77	18.85	18.91	19.2	5
5	256QAM	1	12	18.94	18.90	18.91		
5	256QAM	1	24	18.88	18.85	18.90		
5	256QAM	12	0	18.87	18.87	18.87	19.2	5
5	256QAM	12	7	19.08	18.87	18.93		
5	256QAM	12	13	18.95	18.82	18.87		
5	256QAM	25	0	18.89	18.97	18.83		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.79	23.63	23.65	24.2	0
3	QPSK	1	8	23.72	23.80	23.79		
3	QPSK	1	14	23.53	23.56	23.74		
3	QPSK	8	0	22.72	22.82	22.64	23.2	1
3	QPSK	8	4	22.87	22.92	22.68		
3	QPSK	8	7	22.63	22.71	22.76		
3	QPSK	15	0	22.72	22.81	22.71		
3	16QAM	1	0	22.98	22.99	22.97	23.2	1
3	16QAM	1	8	23.01	22.95	23.00		
3	16QAM	1	14	22.77	22.75	22.88		
3	16QAM	8	0	21.57	21.80	21.65	22.2	2
3	16QAM	8	4	21.82	21.78	21.76		
3	16QAM	8	7	21.60	21.72	21.87		
3	16QAM	15	0	21.62	21.80	21.78		
3	64QAM	1	0	21.77	21.95	21.86	22.2	2
3	64QAM	1	8	21.95	21.98	21.94		
3	64QAM	1	14	21.59	21.81	21.79		
3	64QAM	8	0	20.54	20.87	20.63	21.2	3
3	64QAM	8	4	20.83	20.68	20.79		
3	64QAM	8	7	20.58	20.67	20.76		
3	64QAM	15	0	20.56	20.71	20.72		
3	256QAM	1	0	18.78	18.84	18.81	19.2	5
3	256QAM	1	8	18.87	18.91	18.95		
3	256QAM	1	14	18.95	18.87	18.93		
3	256QAM	8	0	18.79	18.86	18.91	19.2	5
3	256QAM	8	4	19.12	18.94	18.89		
3	256QAM	8	7	19.02	18.91	18.92		
3	256QAM	15	0	19.01	18.87	18.94		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	23.77	23.69	23.66	24.2	0
1.4	QPSK	1	3	23.77	23.76	23.70		
1.4	QPSK	1	5	23.59	23.52	23.61		
1.4	QPSK	3	0	23.79	23.70	23.65		
1.4	QPSK	3	1	23.74	23.70	23.77		
1.4	QPSK	3	3	23.69	23.62	23.73		
1.4	QPSK	6	0	22.71	22.80	22.71	23.2	1
1.4	16QAM	1	0	22.72	22.94	22.62	23.2	1
1.4	16QAM	1	3	22.79	22.91	22.59		
1.4	16QAM	1	5	22.81	22.84	22.59		
1.4	16QAM	3	0	22.80	22.85	22.69		
1.4	16QAM	3	1	22.70	22.89	22.62		
1.4	16QAM	3	3	22.67	22.86	22.64		
1.4	16QAM	6	0	21.60	21.80	21.77	22.2	2
1.4	64QAM	1	0	21.59	21.78	21.77	22.2	2
1.4	64QAM	1	3	21.63	21.80	21.70		
1.4	64QAM	1	5	21.69	21.82	21.68		
1.4	64QAM	3	0	21.56	21.91	21.65		
1.4	64QAM	3	1	21.58	21.78	21.72		
1.4	64QAM	3	3	21.54	21.87	21.76		
1.4	64QAM	6	0	20.55	20.74	20.63	21.2	3
1.4	256QAM	1	0	18.88	18.82	18.92	19.2	5
1.4	256QAM	1	3	18.90	18.93	18.97		
1.4	256QAM	1	5	18.96	18.95	18.89		
1.4	256QAM	3	0	18.84	18.80	18.95		
1.4	256QAM	3	1	19.04	18.94	18.92		
1.4	256QAM	3	3	19.00	18.79	18.95		
1.4	256QAM	6	0	18.99	18.92	18.81	19.2	5

Band 7 Main PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33	21.5	0
20	QPSK	1	49	20.65	20.77	20.58		
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.59	19.67	19.60	20.5	1
20	QPSK	50	24	19.67	19.68	19.66		
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48	20.5	1
20	16QAM	1	49	19.92	19.83	19.70		
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57	19.5	2
20	16QAM	50	24	18.64	18.61	18.55		
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48	19.5	2
20	64QAM	1	49	18.88	18.81	18.69		
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.53	17.63	17.56	18.5	3
20	64QAM	50	24	17.66	17.61	17.50		
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37	16.5	5
20	256QAM	1	49	15.40	15.27	15.31		
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26	16.5	5
20	256QAM	50	24	15.28	15.25	15.27		
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27	21.5	0
15	QPSK	1	37	20.68	20.68	20.58		
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62	20.5	1
15	QPSK	36	20	19.71	19.63	19.57		
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53	20.5	1
15	16QAM	1	37	19.90	19.77	19.74		
15	16QAM	1	74	19.83	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53	19.5	2
15	16QAM	36	20	18.57	18.60	18.47		
15	16QAM	36	39	18.67	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48	19.5	2
15	64QAM	1	37	18.86	18.73	18.68		
15	64QAM	1	74	18.65	18.64	18.49		
15	64QAM	36	0	17.56	17.61	17.61	18.5	3
15	64QAM	36	20	17.70	17.54	17.48		
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36	16.5	5
15	256QAM	1	37	15.30	15.26	15.34		
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17	16.5	5
15	256QAM	36	20	15.28	15.18	15.25		
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38	21.5	0
10	QPSK	1	25	20.68	20.74	20.51		
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58	20.5	1
10	QPSK	25	12	19.57	19.70	19.61		
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43	20.5	1
10	16QAM	1	25	19.83	19.74	19.60		
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48	19.5	2
10	16QAM	25	12	18.62	18.61	18.55		
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53	19.5	2
10	64QAM	1	0	18.63	18.52	18.50		
10	64QAM	1	25	18.78	18.83	18.72		
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46	18.5	3
10	64QAM	25	12	17.66	17.54	17.53		
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29	16.5	5
10	256QAM	1	25	15.44	15.17	15.34		
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28	16.5	5
10	256QAM	25	12	15.33	15.17	15.32		
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.31	15.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34	21.5	0
5	QPSK	1	12	20.56	20.71	20.61		
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52	20.5	1
5	QPSK	12	7	19.61	19.65	19.56		
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48	20.5	1
5	16QAM	1	12	19.90	19.78	19.75		
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62	19.5	2
5	16QAM	12	7	18.67	18.62	18.54		
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46	19.5	2
5	64QAM	1	12	18.88	18.73	18.68		
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49	18.5	3
5	64QAM	12	7	17.63	17.53	17.45		
5	64QAM	12	13	17.55	17.50	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27	16.5	5
5	256QAM	1	12	15.32	15.31	15.28		
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18	16.5	5
5	256QAM	12	7	15.29	15.27	15.25		
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.74	19.51	19.56	20.5	0
20	QPSK	1	49	19.88	19.95	19.86		
20	QPSK	1	99	19.58	19.76	19.69		
20	QPSK	50	0	19.68	19.87	19.80	20.5	0
20	QPSK	50	24	19.87	19.94	19.83		
20	QPSK	50	50	19.78	19.86	19.77		
20	QPSK	100	0	19.76	19.86	19.85		
20	16QAM	1	0	19.49	19.50	19.57	20.5	0
20	16QAM	1	49	19.70	19.74	19.73		
20	16QAM	1	99	19.36	19.58	19.66		
20	16QAM	50	0	19.78	19.91	19.93	20.5	0
20	16QAM	50	24	19.82	19.89	19.93		
20	16QAM	50	50	19.84	19.88	19.86		
20	16QAM	100	0	19.74	19.88	19.85		
20	64QAM	1	0	19.72	19.70	19.77	20.5	0
20	64QAM	1	49	19.80	19.79	19.76		
20	64QAM	1	99	19.81	19.85	19.85		
20	64QAM	50	0	19.52	19.71	19.70	20.5	0
20	64QAM	50	24	19.67	19.67	19.72		
20	64QAM	50	50	19.63	19.72	19.68		
20	64QAM	100	0	19.59	19.71	19.68		
20	256QAM	1	0	18.14	17.98	18.00	19	1.5
20	256QAM	1	49	18.30	18.38	18.35		
20	256QAM	1	99	18.01	18.23	18.15		
20	256QAM	50	0	18.15	18.28	18.22	19	1.5
20	256QAM	50	24	18.31	18.40	18.32		
20	256QAM	50	50	18.23	18.34	18.22		
20	256QAM	100	0	18.21	18.31	18.27		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.67	19.44	19.45	20.5	0
15	QPSK	1	37	19.86	19.87	19.81		
15	QPSK	1	74	19.55	19.76	19.68		
15	QPSK	36	0	19.61	19.79	19.80	20.5	0
15	QPSK	36	20	19.84	19.85	19.76		
15	QPSK	36	39	19.71	19.84	19.73		
15	QPSK	75	0	19.71	19.80	19.75		
15	16QAM	1	0	19.40	19.42	19.52	20.5	0
15	16QAM	1	37	19.64	19.62	19.67		
15	16QAM	1	74	19.28	19.52	19.56		
15	16QAM	36	0	19.69	19.87	19.86	20.5	0
15	16QAM	36	20	19.73	19.82	19.86		
15	16QAM	36	39	19.84	19.82	19.79		
15	16QAM	75	0	19.67	19.79	19.78		
15	64QAM	1	0	19.71	19.60	19.72	20.5	0
15	64QAM	1	37	19.70	19.72	19.71		
15	64QAM	1	74	19.73	19.77	19.82		
15	64QAM	36	0	19.45	19.64	19.64	20.5	0
15	64QAM	36	20	19.67	19.61	19.65		
15	64QAM	36	39	19.56	19.63	19.64		
15	64QAM	75	0	19.55	19.71	19.66		
15	256QAM	1	0	18.05	17.88	17.98	19	1.5
15	256QAM	1	37	18.23	18.36	18.33		
15	256QAM	1	74	17.96	18.13	18.06		
15	256QAM	36	0	18.10	18.21	18.18	19	1.5
15	256QAM	36	20	18.23	18.38	18.25		
15	256QAM	36	39	18.18	18.24	18.14		
15	256QAM	75	0	18.16	18.28	18.25		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.71	19.45	19.55	20.5	0
10	QPSK	1	25	19.79	19.94	19.80		
10	QPSK	1	49	19.55	19.70	19.66		
10	QPSK	25	0	19.64	19.84	19.70	20.5	0
10	QPSK	25	12	19.78	19.83	19.80		
10	QPSK	25	25	19.72	19.82	19.72		
10	QPSK	50	0	19.70	19.85	19.79		
10	16QAM	1	0	19.47	19.45	19.49	20.5	0
10	16QAM	1	25	19.64	19.66	19.66		
10	16QAM	1	49	19.31	19.51	19.60		
10	16QAM	25	0	19.71	19.80

Reduced Power Mode DSI4 for Inter CA

Band 2 Other PA_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.46	22.56	22.45	23	0
20	QPSK	1	49	22.53	22.61	22.46		
20	QPSK	1	99	22.30	22.38	22.26		
20	QPSK	50	0	21.43	21.51	21.38	22	1
20	QPSK	50	24	21.46	21.52	21.39		
20	QPSK	50	50	21.40	21.46	21.30		
20	QPSK	100	0	21.42	21.46	21.33		
20	16QAM	1	0	21.46	21.52	21.39	22	1
20	16QAM	1	49	21.62	21.65	21.49		
20	16QAM	1	99	21.35	21.41	21.26		
20	16QAM	50	0	20.61	20.65	20.50	21	2
20	16QAM	50	24	20.66	20.68	20.56		
20	16QAM	50	50	20.59	20.62	20.50		
20	16QAM	100	0	20.64	20.65	20.52		
20	64QAM	1	0	20.66	20.65	20.54	21	2
20	64QAM	1	49	20.72	20.74	20.66		
20	64QAM	1	99	20.50	20.51	20.46		
20	64QAM	50	0	19.50	19.61	19.57	20	3
20	64QAM	50	24	19.57	19.66	19.64		
20	64QAM	50	50	19.51	19.60	19.56		
20	64QAM	100	0	19.56	19.65	19.63		
20	256QAM	1	0	17.41	17.48	17.45	18	5
20	256QAM	1	49	17.51	17.62	17.60		
20	256QAM	1	99	17.31	17.38	17.33		
20	256QAM	50	0	17.47	17.57	17.55	18	5
20	256QAM	50	24	17.55	17.63	17.58		
20	256QAM	50	50	17.50	17.58	17.57		
20	256QAM	100	0	17.52	17.61	17.59		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.44	22.49	22.36	23	0
15	QPSK	1	37	22.49	22.53	22.40		
15	QPSK	1	74	22.25	22.34	22.14		
15	QPSK	36	0	21.39	21.51	21.40	22	1
15	QPSK	36	20	21.36	21.40	21.36		
15	QPSK	36	39	21.28	21.41	21.20		
15	QPSK	75	0	21.39	21.35	21.22		
15	16QAM	1	0	21.38	21.52	21.32	22	1
15	16QAM	1	37	21.59	21.58	21.40		
15	16QAM	1	74	21.33	21.32	21.22		
15	16QAM	36	0	20.55	20.56	20.47	21	2
15	16QAM	36	20	20.60	20.60	20.53		
15	16QAM	36	39	20.52	20.57	20.44		
15	16QAM	75	0	20.54	20.53	20.48		
15	64QAM	1	0	20.60	20.61	20.47	21	2
15	64QAM	1	37	20.65	20.71	20.58		
15	64QAM	1	74	20.39	20.43	20.42		
15	64QAM	36	0	19.40	19.53	19.50	20	3
15	64QAM	36	20	19.51	19.63	19.56		
15	64QAM	36	39	19.46	19.51	19.50		
15	64QAM	75	0	19.49	19.53	19.55		
15	256QAM	1	0	17.38	17.43	17.41	18	5
15	256QAM	1	37	17.49	17.55	17.54		
15	256QAM	1	74	17.27	17.37	17.27		
15	256QAM	36	0	17.39	17.52	17.48	18	5
15	256QAM	36	20	17.49	17.56	17.46		
15	256QAM	36	39	17.41	17.57	17.55		
15	256QAM	75	0	17.50	17.61	17.55		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.39	22.47	22.41	23	0
10	QPSK	1	25	22.49	22.55	22.37		
10	QPSK	1	49	22.29	22.32	22.22		
10	QPSK	25	0	21.34	21.47	21.32	22	1
10	QPSK	25	12	21.45	21.50	21.30		
10	QPSK	25	25	21.35	21.39	21.25		
10	QPSK	50	0	21.37	21.41	21.21		
10	16QAM	1	0	21.43	21.46	21.36	22	1
10	16QAM	1	25	21.56	21.57	21.41		
10	16QAM	1	49	21.26	21.35	21.25		
10	16QAM	25	0	20.58	20.57	20.45	21	2
10	16QAM	25	12	20.66	20.64	20.53		
10	16QAM	25	25	20.51	20.57	20.41		
10	16QAM	50	0	20.57	20.63	20.46		
10	64QAM	1	0	20.59	20.54	20.49	21	2
10	64QAM	1	25	20.63	20.62	20.62		
10	64QAM	1	49	20.41	20.45	20.39		
10	64QAM	25	0	19.45	19.60	19.55	20	3
10	64QAM	25	12	19.55	19.56	19.60		
10	64QAM	25	25	19.49	19.53	19.50		
10	64QAM	50	0	19.50	19.54	19.61		
10	256QAM	1	0	17.31	17.44	17.42	18	5
10	256QAM	1	25	17.45	17.62	17.60		
10	256QAM	1	49	17.31	17.30	17.22		
10	256QAM	25	0	17.44	17.53	17.50	18	5
10	256QAM	25	12	17.49	17.56	17.53		
10	256QAM	25	25	17.45	17.52	17.51		
10	256QAM	50	0	17.47	17.51	17.56		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.36	22.44	22.44	23	0
5	QPSK	1	12	22.49	22.55	22.35		
5	QPSK	1	24	22.24	22.38	22.24		
5	QPSK	12	0	21.39	21.42	21.31	22	1
5	QPSK	12	7	21.41	21.43	21.36		
5	QPSK	12	13	21.41	21.44	21.24		
5	QPSK	25	0	21.31	21.39	21.21		
5	16QAM	1	0	21.40	21.47	21.35	22	1
5	16QAM	1	12	21.58	21.56	21.42		
5	16QAM	1	24	21.30	21.34	21.19		
5	16QAM	12	0	20.57	20.60	20.46	21	2
5	16QAM	12	7	20.65	20.65	20.45		
5	16QAM	12	13	20.57	20.59	20.44		
5	16QAM	25	0	20.58	20.61	20.48		
5	64QAM	1	0	20.60	20.59	20.50	21	2
5	64QAM	1	12	20.64	20.68	20.63		
5	64QAM	1	24	20.44	20.45	20.39		
5	64QAM	12	0	19.45	19.55	19.52	20	3
5	64QAM	12	7	19.52	19.58	19.58		
5	64QAM	12	13	19.44	19.54	19.45		
5	64QAM	25	0	19.48	19.62	19.54		
5	256QAM	1	0	17.39	17.43	17.43	18	5
5	256QAM	1	12	17.46	17.59	17.55		
5	256QAM	1	24	17.30	17.30	17.32		
5	256QAM	12	0	17.39	17.48	17.51	18	5
5	256QAM	12	7	17.47	17.59	17.51		
5	256QAM	12	13	17.46	17.52	17.57		
5	256QAM	25	0	17.47	17.57	17.59		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.37	22.48	22.43	23	0
3	QPSK	1	8	22.52	22.56	22.44		
3	QPSK	1	14	22.24	22.33	22.24		
3	QPSK	8	0	21.35	21.44	21.34	22	1
3	QPSK	8	4	21.39	21.47	21.30		
3	QPSK	8	7	21.34	21.41	21.23		
3	QPSK	15	0	21.38	21.39	21.22		
3	16QAM	1	0	21.40	21.48	21.30	22	1
3	16QAM	1	8	21.61	21.59	21.41		
3	16QAM	1	14	21.31	21.30	21.27		
3	16QAM	8	0	20.56	20.59	20.47	21	2
3	16QAM	8	4	20.60	20.63	20.53		
3	16QAM	8	7	20.52	20.61	20.44		
3	16QAM	15	0	20.58	20.57	20.42		
3	64QAM	1	0	20.60	20.56	20.48	21	2
3	64QAM	1	8	20.63	20.63	20.63		
3	64QAM	1	14	20.48	20.46	20.44		
3	64QAM	8	0	19.48	19.54	19.57	20	3
3	64QAM	8	4	19.51	19.61	19.59		
3	64QAM	8	7	19.47	19.58	19.52		
3	64QAM	15	0	19.53	19.62	19.52		
3	256QAM	1	0	17.31	17.45	17.41	18	5
3	256QAM	1	8	17.41	17.58	17.58		
3	256QAM	1	14	17.27	17.31	17.29		
3	256QAM	8	0	17.46	17.54	17.51	18	5
3	256QAM	8	4	17.51	17.55	17.54		
3	256QAM	8	7	17.38	17.52	17.51		
3	256QAM	15	0	17.46	17.54	17.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.38	22.47	22.35	23	0
1.4	QPSK	1	3	22.42	22.59	22.39		
1.4	QPSK	1	5	22.29	22.31	22.20		
1.4	QPSK	3	0	22.27	22.43	22.29		
1.4	QPSK	3	1	22.42	22.56	22.31		
1.4	QPSK	3	3	22.21	22.25	22.15		
1.4	QPSK	6	0	21.38	21.42	21.29	22	1
1.4	16QAM	1	0	21.41	21.52	21.39	22	1
1.4	16QAM	1	3	21.57	21.60	21.43		
1.4	16QAM	1	5	21.32	21.31	21.23		
1.4	16QAM	3	0	21.32	21.46	21.33		
1.4	16QAM	3	1	21.50	21.56	21.39		
1.4	16QAM	3	3	21.27	21.28	21.20		
1.4	16QAM	6	0	20.62	20.60	20.47	21	2
1.4	64QAM	1	0	20.65	20.57	20.51	21	2
1.4	64QAM	1	3	20.68	20.66	20.63		
1.4	64QAM	1	5	20.45	20.43	20.42		
1.4	64QAM	3	0	20.60	20.54	20.46		
1.4	64QAM	3	1	20.64	20.57	20.56		
1.4	64QAM	3	3	20.41	20.35	20.41		
1.4	64QAM	6	0	19.48	19.56	19.59	20	3
1.4	256QAM	1	0	17.33	17.39	17.44	18	5
1.4	256QAM	1	3	17.44	17.57	17.60		
1.4	256QAM	1	5	17.23	17.31	17.33		
1.4	256QAM	3	0	17.43	17.49	17.46		
1.4	256QAM	3	1	17.46	17.56	17.54		
1.4	256QAM	3	3	17.41	17.49	17.52		
1.4	256QAM	6	0	17.43	17.58	17.54	18	5

Band 2 Other PA_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.95	15.89	15.73	16.5	0
20	QPSK	1	49	15.96	15.97	15.81		
20	QPSK	1	99	15.68	15.65	15.55		
20	QPSK	50	0	15.82	15.83	15.69	16.5	0
20	QPSK	50	24	15.92	15.93	15.71		
20	QPSK	50	50	15.54	15.58	15.50		
20	QPSK	100	0	15.93	15.95	15.59		
20	16QAM	1	0	15.88	15.85	15.75	16.5	0
20	16QAM	1	49	15.58	15.63	15.48		
20	16QAM	1	99	15.87	15.85	15.59		
20	16QAM	50	0	15.91	15.83	15.65	16.5	0
20	16QAM	50	24	15.84	15.92	15.74		
20	16QAM	50	50	15.65	15.59	15.53		
20	16QAM	100	0	15.95	15.91	15.70		
20	64QAM	1	0	15.85	15.77	15.70	16.5	0
20	64QAM	1	49	15.94	15.80	15.68		
20	64QAM	1	99	15.54	15.56	15.46		
20	64QAM	50	0	15.57	15.56	15.48	16.5	0
20	64QAM	50	24	15.93	15.84	15.66		
20	64QAM	50	50	15.95	15.83	15.78		
20	64QAM	100	0	15.61	15.53	15.53		
20	256QAM	1	0	15.82	15.86	15.68	16.5	0
20	256QAM	1	49	15.82	15.91	15.77		
20	256QAM	1	99	15.60	15.57	15.51		
20	256QAM	50	0	15.86	15.87	15.59	16.5	0
20	256QAM	50	24	15.87	15.78	15.69		
20	256QAM	50	50	15.93	15.82	15.79		
20	256QAM	100	0	15.66	15.61	15.48		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.91	15.87	15.70	16.5	0
15	QPSK	1	37	15.86	15.80	15.75		
15	QPSK	1	74	15.62	15.56	15.43		
15	QPSK	36	0	15.78	15.79	15.59	16.5	0
15	QPSK	36	20	15.84	15.80	15.63		
15	QPSK	36	39	15.43	15.52	15.38		
15	QPSK	75	0	15.79	15.88	15.48		
15	16QAM	1	0	15.86	15.72	15.64	16.5	0
15	16QAM	1	37	15.50	15.60	15.42		
15	16QAM	1	74	15.79	15.82	15.58		
15	16QAM	36	0	15.76	15.77	15.57	16.5	0
15	16QAM	36	20	15.69	15.78	15.67		
15	16QAM	36	39	15.60	15.56	15.50		
15	16QAM	75	0	15.85	15.82	15.66		
15	64QAM	1	0	15.79	15.75	15.56	16.5	0
15	64QAM	1	37	15.80	15.70	15.54		
15	64QAM	1	74	15.48	15.55	15.44		
15	64QAM	36	0	15.48	15.54	15.38	16.5	0
15	64QAM	36	20	15.86	15.80	15.63		
15	64QAM	36	39	15.85	15.73	15.77		
15	64QAM	75	0	15.52	15.49	15.52		
15	256QAM	1	0	15.76	15.81	15.53	16.5	0
15	256QAM	1	37	15.76	15.89	15.64		
15	256QAM	1	74	15.46	15.51	15.45		
15	256QAM	36	0	15.79	15.83	15.44	16.5	0
15	256QAM	36	20	15.73	15.73	15.56		
15	256QAM	36	39	15.83	15.68	15.71		
15	256QAM	75	0	15.55	15.57	15.36		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.87	15.80	15.61	16.5	0
10	QPSK	1	25	15.90	15.90	15.75		
10	QPSK	1	49	15.57	15.64	15.42		
10	QPSK	25	0	15.71	15.77	15.64	16.5	0
10	QPSK	25	12	15.91	15.82	15.60		
10	QPSK	25	25	15.52	15.53	15.46		
10	QPSK	50	0	15.81	15.85	15.51		
10	16QAM	1	0	15.82	15.78	15.62	16.5	0
10	16QAM	1	25	15.55	15.62	15.35		
10	16QAM	1	49	15.78	15.71	15.56		
10	16QAM	25	0	15.77	15.81	15.58	16.5	0
10	16QAM	25	12	15.82	15.87	15.72		
10	16QAM	25	25	15.53	15.56	15.46		
10	16QAM	50	0	15.81	15.88	15.59		
10	64QAM	1	0	15.82	15.66	15.65	16.5	0
10	64QAM	1	25	15.93	15.74	15.66		
10	64QAM	1	49	15.52	15.47	15.40		
10	64QAM	25	0	15.47	15.55	15.44	16.5	0
10	64QAM	25	12	15.89	15.76	15.64		
10	64QAM	25	25	15.84	15.77	15.66		
10	64QAM	50	0	15.54	15.49	15.41		
10	256QAM	1	0	15.71	15.77	15.62	16.5	0
10	256QAM	1	25	15.70	15.83	15.70		
10	256QAM	1	49	15.50	15.54	15.39		
10	256QAM	25	0	15.82	15.73	15.57	16.5	0
10	256QAM	25	12	15.84	15.66	15.68		
10	256QAM	25	25	15.83	15.72	15.78		
10	256QAM	50	0	15.60	15.50	15.41		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.86	15.81	15.64	16.5	0
5	QPSK	1	12	15.82	15.94	15.78		
5	QPSK	1	24	15.61	15.59	15.51		
5	QPSK	12	0	15.71	15.73	15.68	16.5	0
5	QPSK	12	7	15.81	15.87	15.56		
5	QPSK	12	13	15.46	15.54	15.44		
5	QPSK	25	0	15.88	15.82	15.50		
5	16QAM	1	0	15.84	15.75	15.63	16.5	0
5	16QAM	1	12	15.46	15.51	15.43		
5	16QAM	1	24	15.81	15.74	15.47		
5	16QAM	12	0	15.86	15.79	15.64	16.5	0
5	16QAM	12	7	15.75	15.79	15.69		
5	16QAM	12	13	15.57	15.47	15.52		
5	16QAM	25	0	15.88	15.81	15.55		
5	64QAM	1	0	15.84	15.75	15.59	16.5	0
5	64QAM	1	12	15.89	15.76	15.57		
5	64QAM	1	24	15.42	15.52	15.40		
5	64QAM	12	0	15.44	15.50	15.37	16.5	0
5	64QAM	12	7	15.84	15.75	15.52		
5	64QAM	12	13	15.80	15.82	15.77		
5	64QAM	25	0	15.57	15.52	15.45		
5	256QAM	1	0	15.79	15.72	15.62	16.5	0
5	256QAM	1	12	15.77	15.83	15.73		
5	256QAM	1	24	15.48	15.43	15.45		
5	256QAM	12	0	15.78	15.84	15.56	16.5	0
5	256QAM	12	7	15.77	15.63	15.59		
5	256QAM	12	13	15.78	15.81	15.78		
5	256QAM	25	0	15.60	15.47	15.42		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.82	15.77	15.58	16.5	0
3	QPSK	1	8	15.85	15.88	15.71		
3	QPSK	1	14	15.66	15.62	15.49		
3	QPSK	8	0	15.78	15.80	15.63	16.5	0
3	QPSK	8	4	15.90	15.88	15.66		
3	QPSK	8	7	15.50	15.54	15.47		
3	QPSK	15	0	15.83	15.94	15.56		
3	16QAM	1	0	15.85	15.74	15.66	16.5	0
3	16QAM	1	8	15.43	15.61	15.38		
3	16QAM	1	14	15.74	15.76	15.48		
3	16QAM	8	0	15.81	15.73	15.53	16.5	0
3	16QAM	8	4	15.77	15.80	15.62		
3	16QAM	8	7	15.52	15.49	15.47		
3	16QAM	15	0	15.94	15.85	15.67		
3	64QAM	1	0	15.76	15.69	15.66	16.5	0
3	64QAM	1	8	15.84	15.72	15.61		
3	64QAM	1	14	15.52	15.51	15.37		
3	64QAM	8	0	15.42	15.41	15.47	16.5	0
3	64QAM	8	4	15.81	15.74	15.52		
3	64QAM	8	7	15.85	15.76	15.64		
3	64QAM	15	0	15.48	15.49	15.51		
3	256QAM	1	0	15.69	15.83	15.58	16.5	0
3	256QAM	1	8	15.76	15.88	15.71		
3	256QAM	1	14	15.57	15.45	15.41		
3	256QAM	8	0	15.84	15.77	15.49	16.5	0
3	256QAM	8	4	15.74	15.63	15.57		
3	256QAM	8	7	15.78	15.74	15.71		
3	256QAM	15	0	15.62	15.49	15.35		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.86	15.74	15.70	16.5	0
1.4	QPSK	1	3	15.90	15.86	15.73		
1.4	QPSK	1	5	15.66	15.55	15.53		
1.4	QPSK	3	0	15.78	15.77	15.56		
1.4	QPSK	3	1	15.78	15.78	15.59		
1.4	QPSK	3	3	15.47	15.56	15.46		
1.4	QPSK	6	0	15.80	15.83	15.53	16.5	0
1.4	16QAM	1	0	15.77	15.74	15.69	16.5	0
1.4	16QAM	1	3	15.52	15.59	15.46		
1.4	16QAM	1	5	15.83	15.76	15.57		
1.4	16QAM	3	0	15.80	15.69	15.52		
1.4	16QAM	3	1	15.78	15.88	15.63		
1.4	16QAM	3	3	15.59	15.48	15.43		
1.4	16QAM	6	0	15.88	15.88	15.68	16.5	0
1.4	64QAM	1	0	15.70	15.70	15.60	16.5	0
1.4	64QAM	1	3	15.86	15.70	15.59		
1.4	64QAM	1	5	15.48	15.50	15.43		
1.4	64QAM	3	0	15.45	15.41	15.47		
1.4	64QAM	3	1	15.89	15.82	15.56		
1.4	64QAM	3	3	15.81	15.76	15.74		
1.4	64QAM	6	0	15.59	15.44	15.40	16.5	0
1.4	256QAM	1	0	15.76	15.79	15.61	16.5	0
1.4	256QAM	1	3	15.81	15.88	15.66		
1.4	256QAM	1	5	15.50	15.44	15.43		
1.4	256QAM	3	0	15.79	15.79	15.52		
1.4	256QAM	3	1	15.84	15.67	15.63		
1.4	256QAM	3	3	15.92	15.76	15.70		
1.4	256QAM	6	0	15.62	15.53	15.42	16.5	0

Band 4 Main PA_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.90	15.96	16.00	17	0
20	QPSK	1	49	16.15	16.25	16.12		
20	QPSK	1	99	15.77	15.82	15.87		
20	QPSK	50	0	16.09	16.14	16.09	17	0
20	QPSK	50	24	16.10	16.22	16.10		
20	QPSK	50	50	16.07	16.16	16.06		
20	QPSK	100	0	16.02	16.19	16.16		
20	16QAM	1	0	15.99	16.00	16.07	17	0
20	16QAM	1	49	16.18	16.09	16.09		
20	16QAM	1	99	15.95	15.97	15.91		
20	16QAM	50	0	15.98	16.18	16.12	17	0
20	16QAM	50	24	16.10	16.15	16.07		
20	16QAM	50	50	16.12	16.11	16.23		
20	16QAM	100	0	16.03	16.17	16.10		
20	64QAM	1	0	16.12	16.18	16.07	17	0
20	64QAM	1	49	16.13	16.21	16.15		
20	64QAM	1	99	15.93	15.94	16.07		
20	64QAM	50	0	16.05	16.15	16.09	17	0
20	64QAM	50	24	16.24	16.16	16.15		
20	64QAM	50	50	16.00	16.12	16.11		
20	64QAM	100	0	16.01	16.05	16.18		
20	256QAM	1	0	16.03	15.93	15.79	17	0
20	256QAM	1	49	16.14	16.23	16.15		
20	256QAM	1	99	15.73	15.76	15.91		
20	256QAM	50	0	16.04	16.01	16.07	17	0
20	256QAM	50	24	16.13	16.08	16.06		
20	256QAM	50	50	16.03	16.17	16.03		
20	256QAM	100	0	16.06	16.10	16.15		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.69	15.73	15.83	17	0
15	QPSK	1	37	15.94	16.00	15.99		
15	QPSK	1	74	15.64	15.66	15.68		
15	QPSK	36	0	15.94	15.91	15.95	17	0
15	QPSK	36	20	15.92	16.10	15.94		
15	QPSK	36	39	15.93	16.00	15.88		
15	QPSK	75	0	15.91	15.94	15.97		
15	16QAM	1	0	15.81	15.80	15.96	17	0
15	16QAM	1	37	15.96	15.87	15.90		
15	16QAM	1	74	15.70	15.75	15.68		
15	16QAM	36	0	15.83	16.13	15.96	17	0
15	16QAM	36	20	15.86	15.98	15.89		
15	16QAM	36	39	15.96	15.97	16.02		
15	16QAM	75	0	15.87	16.05	15.96		
15	64QAM	1	0	15.98	16.03	15.94	17	0
15	64QAM	1	37	15.88	15.96	16.05		
15	64QAM	1	74	15.76	15.72	15.93		
15	64QAM	36	0	15.94	15.99	15.91	17	0
15	64QAM	36	20	16.02	16.03	16.00		
15	64QAM	36	39	15.87	15.95	15.97		
15	64QAM	75	0	15.79	15.90	15.94		
15	256QAM	1	0	15.78	15.70	15.65	17	0
15	256QAM	1	37	15.90	16.12	15.90		
15	256QAM	1	74	15.55	15.57	15.70		
15	256QAM	36	0	15.92	15.80	15.85	17	0
15	256QAM	36	20	15.96	15.90	15.88		
15	256QAM	36	39	15.92	15.96	15.86		
15	256QAM	75	0	15.95	15.90	16.04		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.74	15.72	15.87	17	0
10	QPSK	1	25	15.95	16.02	15.87		
10	QPSK	1	49	15.64	15.58	15.76		
10	QPSK	25	0	15.88	15.89	15.85	17	0
10	QPSK	25	12	15.92	16.09	15.92		
10	QPSK	25	25	15.89	15.93	15.82		
10	QPSK	50	0	15.86	15.99	15.95		
10	16QAM	1	0	15.88	15.82	15.86	17	0
10	16QAM	1	25	16.02	15.97	15.92		
10	16QAM	1	49	15.77	15.84	15.73		
10	16QAM	25	0	15.82	16.08	15.98	17	0
10	16QAM	25	12	15.86	15.99	15.96		
10	16QAM	25	25	15.95	15.99	16.02		
10	16QAM	50	0	15.83	15.98	15.90		
10	64QAM	1	0	15.97	16.03	15.94	17	0
10	64QAM	1	25	15.99	15.99	16.00		
10	64QAM	1	49	15.70	15.71	15.88		
10	64QAM	25	0	15.87	15.94	15.94	17	0
10	64QAM	25	12	16.08	15.97	15.97		
10	64QAM	25	25	15.88	15.97	15.87		
10	64QAM	50	0	15.87	15.93	16.03		
10	256QAM	1	0	15.80	15.76	15.63	17	0
10	256QAM	1	25	15.89	16.11	16.01		
10	256QAM	1	49	15.57	15.60	15.74		
10	256QAM	25	0	15.84	15.87	15.87	17	0
10	256QAM	25	12	15.93	15.90	15.94		
10	256QAM	25	25	15.90	15.99	15.78		
10	256QAM	50	0	15.89	15.92	16.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.77	15.84	15.78	17	0
5	QPSK	1	12	15.92	16.06	15.88		
5	QPSK	1	24	15.55	15.62	15.64		
5	QPSK	12	0	15.95	16.03	15.84	17	0
5	QPSK	12	7	15.87	16.05	15.93		
5	QPSK	12	13	15.91	15.93	15.91		
5	QPSK	25	0	15.86	16.01	15.93		
5	16QAM	1	0	15.85	15.82	15.84	17	0
5	16QAM	1	12	16.07	15.95	15.93		
5	16QAM	1	24	15.71	15.74	15.69		
5	16QAM	12	0	15.82	16.11	16.00	17	0
5	16QAM	12	7	15.90	15.94	15.94		
5	16QAM	12	13	15.96	15.97	15.99		
5	16QAM	25	0	15.91	15.92	15.90		
5	64QAM	1	0	15.90	15.98	15.87	17	0
5	64QAM	1	12	16.02	16.00	16.05		
5	64QAM	1	24	15.71	15.70	15.96		
5	64QAM	12	0	15.92	15.90	15.85	17	0
5	64QAM	12	7	16.07	16.04	16.03		
5	64QAM	12	13	15.75	15.99	16.00		
5	64QAM	25	0	15.84	15.94	15.93		
5	256QAM	1	0	15.82	15.80	15.64	17	0
5	256QAM	1	12	16.02	15.98	15.98		
5	256QAM	1	24	15.56	15.54	15.73		
5	256QAM	12	0	15.91	15.87	15.93	17	0
5	256QAM	12	7	15.89	15.97	15.86		
5	256QAM	12	13	15.83	16.01	15.78		
5	256QAM	25	0	15.84	15.98	16.03		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.67	15.84	15.89	17	0
3	QPSK	1	8	15.96	16.04	15.92		
3	QPSK	1	14	15.60	15.58	15.73		
3	QPSK	8	0	15.88	16.01	15.94	17	0
3	QPSK	8	4	15.85	16.05	15.94		
3	QPSK	8	7	15.84	15.99	15.86		
3	QPSK	15	0	15.84	16.04	16.04		
3	16QAM	1	0	15.76	15.89	15.82	17	0
3	16QAM	1	8	16.02	15.88	15.84		
3	16QAM	1	14	15.77	15.74	15.66		
3	16QAM	8	0	15.73	16.15	15.87	17	0
3	16QAM	8	4	15.87	15.96	15.93		
3	16QAM	8	7	15.88	15.97	16.03		
3	16QAM	15	0	15.80	15.92	15.96		
3	64QAM	1	0	15.99	16.03	15.94	17	0
3	64QAM	1	8	15.93	16.06	16.11		
3	64QAM	1	14	15.72	15.70	15.88		
3	64QAM	8	0	15.93	16.00	15.86	17	0
3	64QAM	8	4	16.02	16.02	16.02		
3	64QAM	8	7	15.83	15.87	15.97		
3	64QAM	15	0	15.80	15.91	16.06		
3	256QAM	1	0	15.80	15.71	15.58	17	0
3	256QAM	1	8	15.96	16.06	15.93		
3	256QAM	1	14	15.60	15.53	15.66		
3	256QAM	8	0	15.80	15.80	15.92	17	0
3	256QAM	8	4	15.92	15.89	15.83		
3	256QAM	8	7	15.86	16.01	15.78		
3	256QAM	15	0	15.95	15.91	15.90		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.71	15.75	15.86	17	0
1.4	QPSK	1	3	16.04	16.05	15.90		
1.4	QPSK	1	5	15.58	15.64	15.71		
1.4	QPSK	3	0	15.90	16.02	15.90		
1.4	QPSK	3	1	15.94	16.02	15.89		
1.4	QPSK	3	3	15.83	15.91	15.88		
1.4	QPSK	6	0	15.81	16.02	16.03	17	0
1.4	16QAM	1	0	15.78	15.89	15.89	17	0
1.4	16QAM	1	3	16.05	15.89	15.93		
1.4	16QAM	1	5	15.79	15.85	15.80		
1.4	16QAM	3	0	15.75	16.12	15.94		
1.4	16QAM	3	1	15.99	15.95	15.95		
1.4	16QAM	3	3	15.88	15.99	16.09		
1.4	16QAM	6	0	15.92	15.96	15.96	17	0
1.4	64QAM	1	0	15.94	16.07	15.94	17	0
1.4	64QAM	1	3	16.00	15.99	16.14		
1.4	64QAM	1	5	15.79	15.69	15.96		
1.4	64QAM	3	0	15.93	15.97	15.88		
1.4	64QAM	3	1	16.11	15.96	16.03		
1.4	64QAM	3	3	15.80	15.96	15.89		
1.4	64QAM	6	0	15.87	15.89	15.96	17	0
1.4	256QAM	1	0	15.91	15.68	15.57	17	0
1.4	256QAM	1	3	15.99	16.08	16.03		
1.4	256QAM	1	5	15.52	15.54	15.79		
1.4	256QAM	3	0	15.82	15.84	15.86		
1.4	256QAM	3	1	15.93	15.91	15.87		
1.4	256QAM	3	3	15.83	16.00	15.82		
1.4	256QAM	6	0	15.91	15.92	15.97	17	0

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BW [MHz]	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	19.70	19.74	19.70		
20	QPSK	1	49	19.81	19.82	19.79	20.2	0
20	QPSK	1	99	19.53	19.50	19.66		
20	QPSK	50	0	19.62	19.64	19.62		
20	QPSK	50	24	19.71	19.78	19.65	20.2	0
20	QPSK	50	50	19.38	19.43	19.57		
20	QPSK	100	0	19.50	19.75	19.52		
20	16QAM	1	0	19.56	19.67	19.64		
20	16QAM	1	49	19.66	19.60	19.76	20.2	0
20	16QAM	1	99	19.33	19.38	19.57		
20	16QAM	50	0	19.51	19.56	19.43		
20	16QAM	50	24	19.66	19.53	19.49	20.2	0
20	16QAM	50	50	19.31	19.24	19.40		
20	16QAM	100	0	19.34	19.47	19.37		
20	64QAM	1	0	19.51	19.60	19.56		
20	64QAM	1	49	19.69	19.60	19.76	20.2	0
20	64QAM	1	99	19.33	19.37	19.48		
20	64QAM	50	0	19.52	19.58	19.47		
20	64QAM	50	24	19.58	19.65	19.52	20.2	0
20	64QAM	50	50	19.20	19.34	19.44		
20	64QAM	100	0	19.43	19.55	19.36		
20	256QAM	1	0	18.71	18.72	18.70		
20	256QAM	1	49	18.79	18.82	18.84	19.2	1
20	256QAM	1	99	18.57	18.53	18.68		
20	256QAM	50	0	18.65	18.79	18.75		
20	256QAM	50	24	18.74	18.87	18.79	19.2	1
20	256QAM	50	50	18.74	18.76	18.71		
20	256QAM	100	0	18.71	18.74	18.69		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.49	19.63	19.48		
15	QPSK	1	37	19.58	19.56	19.65	20.2	0
15	QPSK	1	74	19.29	19.32	19.50		
15	QPSK	36	0	19.47	19.52	19.39		
15	QPSK	36	20	19.49	19.55	19.54	20.2	0
15	QPSK	36	39	19.27	19.20	19.41		
15	QPSK	75	0	19.25	19.47	19.36		
15	16QAM	1	0	19.32	19.45	19.40		
15	16QAM	1	37	19.45	19.49	19.61	20.2	0
15	16QAM	1	74	19.10	19.14	19.34		
15	16QAM	36	0	19.34	19.34	19.27		
15	16QAM	36	20	19.45	19.38	19.26	20.2	0
15	16QAM	36	39	19.06	19.03	19.28		
15	16QAM	75	0	19.17	19.35	19.14		
15	64QAM	1	0	19.40	19.36	19.44		
15	64QAM	1	37	19.46	19.40	19.63	20.2	0
15	64QAM	1	74	19.18	19.14	19.29		
15	64QAM	36	0	19.27	19.46	19.30		
15	64QAM	36	20	19.45	19.43	19.36	20.2	0
15	64QAM	36	39	19.08	19.22	19.22		
15	64QAM	75	0	19.24	19.43	19.21		
15	256QAM	1	0	18.65	18.64	18.67		
15	256QAM	1	37	18.72	18.78	18.79	19.2	1
15	256QAM	1	74	18.49	18.52	18.66		
15	256QAM	36	0	18.61	18.72	18.71		
15	256QAM	36	20	18.65	18.80	18.73	19.2	1
15	256QAM	36	39	18.64	18.71	18.66		
15	256QAM	75	0	18.71	18.70	18.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.52	19.51	19.54		
10	QPSK	1	25	19.68	19.54	19.62	20.2	0
10	QPSK	1	49	19.35	19.25	19.47		
10	QPSK	25	0	19.46	19.50	19.45		
10	QPSK	25	12	19.52	19.59	19.44	20.2	0
10	QPSK	25	25	19.23	19.25	19.45		
10	QPSK	50	0	19.36	19.54	19.35		
10	16QAM	1	0	19.32	19.46	19.49		
10	16QAM	1	25	19.46	19.45	19.64	20.2	0
10	16QAM	1	49	19.09	19.27	19.38		
10	16QAM	25	0	19.30	19.35	19.18		
10	16QAM	25	12	19.53	19.28	19.26	20.2	0
10	16QAM	25	25	19.20	18.99	19.23		
10	16QAM	50	0	19.11	19.29	19.26		
10	64QAM	1	0	19.32	19.49	19.40		
10	64QAM	1	25	19.56	19.35	19.58	20.2	0
10	64QAM	1	49	19.11	19.17	19.26		
10	64QAM	25	0	19.27	19.37	19.30		
10	64QAM	25	12	19.38	19.43	19.31	20.2	0
10	64QAM	25	25	19.07	19.12	19.30		
10	64QAM	50	0	19.21	19.42	19.22		
10	256QAM	1	0	18.63	18.68	18.68		
10	256QAM	1	25	18.75	18.76	18.82	19.2	1
10	256QAM	1	49	18.46	18.45	18.59		
10	256QAM	25	0	18.58	18.76	18.69		
10	256QAM	25	12	18.73	18.81	18.70	19.2	1
10	256QAM	25	25	18.68	18.71	18.63		
10	256QAM	50	0	18.68	18.68	18.59		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.54	19.55	19.55		
5	QPSK	1	12	19.56	19.62	19.59	20.2	0
5	QPSK	1	24	19.38	19.29	19.45		
5	QPSK	12	0	19.40	19.41	19.40		
5	QPSK	12	7	19.50	19.54	19.45	20.2	0
5	QPSK	12	13	19.22	19.27	19.36		
5	QPSK	25	0	19.26	19.46	19.38		
5	16QAM	1	0	19.32	19.50	19.50		
5	16QAM	1	12	19.48	19.43	19.64	20.2	0
5	16QAM	1	24	19.09	19.24	19.45		
5	16QAM	12	0	19.37	19.34	19.25		
5	16QAM	12	7	19.47	19.28	19.24	20.2	0
5	16QAM	12	13	19.17	19.02	19.18		
5	16QAM	25	0	19.16	19.32	19.13		
5	64QAM	1	0	19.30	19.38	19.38		
5	64QAM	1	12	19.53	19.38	19.57	20.2	0
5	64QAM	1	24	19.09	19.17	19.25		
5	64QAM	12	0	19.32	19.37	19.29		
5	64QAM	12	7	19.47	19.42	19.39	20.2	0
5	64QAM	12	13	19.00	19.12	19.22		
5	64QAM	25	0	19.19	19.44	19.21		
5	256QAM	1	0	18.67	18.60	18.67		
5	256QAM	1	12	18.72	18.76	18.75	19.2	1
5	256QAM	1	24	18.48	18.54	18.68		
5	256QAM	12	0	18.54	18.74	18.73		
5	256QAM	12	7	18.63	18.80	18.78	19.2	1
5	256QAM	12	13	18.71	18.73	18.60		
5	256QAM	25	0	18.61	18.65	18.68		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.48	19.53	19.52		
3	QPSK	1	8	19.69	19.63	19.59	20.2	0
3	QPSK	1	14	19.39	19.30	19.53		
3	QPSK	8	0	19.44	19.41	19.44		
3	QPSK	8	4	19.52	19.60	19.52	20.2	0
3	QPSK	8	7	19.15	19.32	19.41		
3	QPSK	15	0	19.31	19.47	19.39		
3	16QAM	1	0	19.36	19.50	19.49		
3	16QAM	1	8	19.49	19.39	19.55	20.2	0
3	16QAM	1	14	19.11	19.23	19.36		
3	16QAM	8	0	19.38	19.32	19.21		
3	16QAM	8	4	19.55	19.34	19.29	20.2	0
3	16QAM	8	7	19.10	18.99	19.29		
3	16QAM	15	0	19.13	19.36	19.26		
3	64QAM	1	0	19.33	19.43	19.33		
3	64QAM	1	8	19.46	19.46	19.65	20.2	0
3	64QAM	1	14	19.12	19.13	19.33		
3	64QAM	8	0	19.34	19.36	19.34		
3	64QAM	8	4	19.39	19.43	19.39	20.2	0
3	64QAM	8	7	18.97	19.17	19.32		
3	64QAM	15	0	19.25	19.35	19.19		
3	256QAM	1	0	18.63	18.69	18.71		
3	256QAM	1	8	18.75	18.80	18.79	19.2	1
3	256QAM	1	14	18.51	18.45	18.63		
3	256QAM	8	0	18.57	18.76	18.72		
3	256QAM	8	4	18.65	18.80	18.78	19.2	1
3	256QAM	8	7	18.75	18.74	18.63		
3	256QAM	15	0	18.64	18.68	18.64		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.49	19.51	19.56		
1.4	QPSK	1	3	19.69	19.67	19.59		
1.4	QPSK	1	5	19.39	19.29	19.50	20.2	0
1.4	QPSK	3	0	19.40	19.50	19.46		
1.4	QPSK	3	1	19.55	19.50	19.43		
1.4	QPSK	3	3	19.18	19.26	19.43		
1.4	QPSK	6	0	19.30	19.48	19.40	20.2	0
1.4	16QAM	1	0	19.37	19.47	19.48		
1.4	16QAM	1	3	19.43	19.48	19.61		
1.4	16QAM	1	5	19.18	19.25	19.35	20.2	0
1.4	16QAM	3	0	19.30	19.38	19.32		
1.4	16QAM	3	1	19.48	19.40	19.38		
1.4	16QAM	3	3	19.19	19.05	19.25		
1.4	16QAM	6	0	19.10	19.36	19.24	20.2	0
1.4	64QAM	1	0	19.38	19.45	19.45		
1.4	64QAM	1	3	19.47	19.38	19.65		
1.4	64QAM	1	5	19.10	19.23	19.26	20.2	0
1.4	64QAM	3	0	19.29	19.35	19.34		
1.4	64QAM	3	1	19.36	19.51	19.41		
1.4	64QAM	3	3	19.05	19.21	19.22		
1.4	64QAM	6	0	19.19	19.31	19.13	20.2	0
1.4	256QAM	1	0	18.60	18.67	18.65		
1.4	256QAM	1	3	18.69	18.76	18.81		
1.4	256QAM	1	5	18.55	18.50	18.68	19.2	1
1.4	256QAM	3	0	18.55	18.79	18.68		
1.4	256QAM	3	1	18.70	18.82	18.74		
1.4	256QAM	3	3	18.72	18.65	18.71		
1.4	256QAM	6	0	18.70	18.66	18.60	19.2	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.52	20.43	20.33		
20	QPSK	1	49	20.65	20.77	20.58	21.5	0
20	QPSK	1	99	20.50	20.48	20.50		
20	QPSK	50	0	19.59	19.67	19.60		
20	QPSK	50	24	19.67	19.69	19.66	20.5	1
20	QPSK	50	50	19.65	19.66	19.53		
20	QPSK	100	0	19.58	19.65	19.53		
20	16QAM	1	0	19.67	19.63	19.48		
20	16QAM	1	49	19.92	19.83	19.70	20.5	1
20	16QAM	1	99	19.64	19.68	19.52		
20	16QAM	50	0	18.58	18.66	18.57		
20	16QAM	50	24	18.64	18.61	18.55	19.5	2
20	16QAM	50	50	18.63	18.60	18.51		
20	16QAM	100	0	18.58	18.60	18.53		
20	64QAM	1	0	18.65	18.61	18.48		
20	64QAM	1	49	18.88	18.81	18.69	19.5	2
20	64QAM	1	99	18.65	18.67	18.56		
20	64QAM	50	0	17.53	17.63	17.56		
20	64QAM	50	24	17.66	17.61	17.50	18.5	3
20	64QAM	50	50	17.62	17.59	17.49		
20	64QAM	100	0	17.55	17.60	17.50		
20	256QAM	1	0	15.35	15.30	15.37		
20	256QAM	1	49	15.40	15.27	15.31	16.5	5
20	256QAM	1	99	15.37	15.39	15.33		
20	256QAM	50	0	15.33	15.30	15.26		
20	256QAM	50	24	15.28	15.25	15.27	16.5	5
20	256QAM	50	50	15.36	15.39	15.28		
20	256QAM	100	0	15.30	15.26	15.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.56	20.38	20.27		
15	QPSK	1	37	20.68	20.68	20.58	21.5	0
15	QPSK	1	74	20.42	20.47	20.49		
15	QPSK	36	0	19.64	19.68	19.62		
15	QPSK	36	20	19.71	19.63	19.57	20.5	1
15	QPSK	36	39	19.64	19.58	19.53		
15	QPSK	75	0	19.57	19.56	19.55		
15	16QAM	1	0	19.70	19.63	19.53		
15	16QAM	1	37	19.90	19.77	19.74	20.5	1
15	16QAM	1	74	19.83	19.71	19.42		
15	16QAM	36	0	18.60	18.63	18.53		
15	16QAM	36	20	18.57	18.60	18.47	19.5	2
15	16QAM	36	39	18.67	18.52	18.52		
15	16QAM	75	0	18.61	18.61	18.58		
15	64QAM	1	0	18.66	18.66	18.48		
15	64QAM	1	37	18.86	18.73	18.68	19.5	2
15	64QAM	1	74	18.65	18.64	18.49		
15	64QAM	36	0	17.56	17.61	17.61		
15	64QAM	36	20	17.70	17.54	17.48	18.5	3
15	64QAM	36	39	17.58	17.52	17.42		
15	64QAM	75	0	17.47	17.59	17.46		
15	256QAM	1	0	15.37	15.28	15.36		
15	256QAM	1	37	15.30	15.26	15.34	16.5	5
15	256QAM	1	74	15.33	15.38	15.30		
15	256QAM	36	0	15.34	15.28	15.17		
15	256QAM	36	20	15.28	15.18	15.25	16.5	5
15	256QAM	36	39	15.32	15.38	15.25		
15	256QAM	75	0	15.35	15.30	15.34		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.52	20.33	20.38		
10	QPSK	1	25	20.68	20.74	20.51	21.5	0
10	QPSK	1	49	20.53	20.38	20.55		
10	QPSK	25	0	19.50	19.62	19.58		
10	QPSK	25	12	19.57	19.70	19.61	20.5	1
10	QPSK	25	25	19.69	19.64	19.48		
10	QPSK	50	0	19.53	19.68	19.52		
10	16QAM	1	0	19.66	19.60	19.43		
10	16QAM	1	25	19.83	19.74	19.60	20.5	1
10	16QAM	1	49	19.67	19.58	19.56		
10	16QAM	25	0	18.55	18.56	18.48		
10	16QAM	25	12	18.62	18.61	18.55	19.5	2
10	16QAM	25	25	18.65	18.55	18.46		
10	16QAM	50	0	18.61	18.60	18.53		
10	64QAM	1	0	18.63	18.52	18.50		
10	64QAM	1	25	18.78	18.83	18.72	19.5	2
10	64QAM	1	49	18.55	18.57	18.49		
10	64QAM	25	0	17.45	17.53	17.46		
10	64QAM	25	12	17.66	17.54	17.53	18.5	3
10	64QAM	25	25	17.66	17.50	17.40		
10	64QAM	50	0	17.50	17.54	17.49		
10	256QAM	1	0	15.35	15.30	15.29		
10	256QAM	1	25	15.44	15.17	15.34	16.5	5
10	256QAM	1	49	15.29	15.31	15.35		
10	256QAM	25	0	15.24	15.34	15.28		
10	256QAM	25	12	15.33	15.17	15.32	16.5	5
10	256QAM	25	25	15.36	15.35	15.25		
10	256QAM	50	0	15.31	15.31	15.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.44	20.42	20.34		
5	QPSK	1	12	20.56	20.71	20.61	21.5	0
5	QPSK	1	24	20.43	20.40	20.51		
5	QPSK	12	0	19.56	19.57	19.52		
5	QPSK	12	7	19.61	19.65	19.56	20.5	1
5	QPSK	12	13	19.57	19.65	19.50		
5	QPSK	25	0	19.52	19.64	19.51		
5	16QAM	1	0	19.68	19.59	19.48		
5	16QAM	1	12	19.90	19.78	19.75	20.5	1
5	16QAM	1	24	19.58	19.68	19.44		
5	16QAM	12	0	18.49	18.71	18.62		
5	16QAM	12	7	18.67	18.62	18.54	19.5	2
5	16QAM	12	13	18.61	18.62	18.45		
5	16QAM	25	0	18.52	18.59	18.45		
5	64QAM	1	0	18.55	18.57	18.46		
5	64QAM	1	12	18.88	18.73	18.68	19.5	2
5	64QAM	1	24	18.69	18.69	18.49		
5	64QAM	12	0	17.44	17.57	17.49		
5	64QAM	12	7	17.63	17.53	17.45	18.5	3
5	64QAM	12	13	17.55	17.50	17.43		
5	64QAM	25	0	17.59	17.59	17.54		
5	256QAM	1	0	15.31	15.29	15.27		
5	256QAM	1	12	15.32	15.31	15.28	16.5	5
5	256QAM	1	24	15.35	15.30	15.24		
5	256QAM	12	0	15.38	15.22	15.18		
5	256QAM	12	7	15.29	15.27	15.25	16.5	5
5	256QAM	12	13	15.36	15.36	15.26		
5	256QAM	25	0	15.34	15.31	15.42		

Band 7 Main PA_Ant 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	15.51	15.49	15.40		
20	QPSK	1	49	15.71	15.87	15.74	16.5	0
20	QPSK	1	99	15.51	15.67	15.56		
20	QPSK	50	0	15.55	15.78	15.67		
20	QPSK	50	24	15.52	15.82	15.70	16.5	0
20	QPSK	50	50	15.57	15.73	15.65		
20	QPSK	100	0	15.56	15.78	15.68		
20	16QAM	1	0	15.43	15.49	15.39		
20	16QAM	1	49	15.59	15.69	15.70	16.5	0
20	16QAM	1	99	15.45	15.60	15.61		
20	16QAM	50	0	15.67	15.78	15.70		
20	16QAM	50	24	15.66	15.79	15.68	16.5	0
20	16QAM	50	50	15.66	15.72	15.68		
20	16QAM	100	0	15.65	15.67	15.67		
20	64QAM	1	0	15.57	15.53	15.55		
20	64QAM	1	49	15.75	15.70	15.74	16.5	0
20	64QAM	1	99	15.68	15.65	15.68		
20	64QAM	50	0	15.64	15.70	15.77		
20	64QAM	50	24	15.71	15.77	15.74	16.5	0
20	64QAM	50	50	15.61	15.75	15.73		
20	64QAM	100	0	15.54	15.78	15.79		
20	256QAM	1	0	15.37	15.43	15.40		
20	256QAM	1	49	15.22	15.77	15.69	16.5	0
20	256QAM	1	99	15.52	15.59	15.52		
20	256QAM	50	0	15.47	15.63	15.73		
20	256QAM	50	24	15.55	15.79	15.73	16.5	0
20	256QAM	50	50	15.62	15.65	15.66		
20	256QAM	100	0	15.57	15.67	15.63		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	15.38	15.34	15.18		
15	QPSK	1	37	15.51	15.76	15.63	16.5	0
15	QPSK	1	74	15.26	15.54	15.38		
15	QPSK	36	0	15.39	15.53	15.44		
15	QPSK	36	20	15.50	15.60	15.48	16.5	0
15	QPSK	36	39	15.46	15.82	15.42		
15	QPSK	75	0	15.45	15.81	15.44		
15	16QAM	1	0	15.20	15.30	15.20		
15	16QAM	1	37	15.44	15.46	15.47	16.5	0
15	16QAM	1	74	15.23	15.41	15.43		
15	16QAM	36	0	15.51	15.85	15.45		
15	16QAM	36	20	15.44	15.68	15.48	16.5	0
15	16QAM	36	39	15.43	15.58	15.53		
15	16QAM	75	0	15.40	15.55	15.45		
15	64QAM	1	0	15.40	15.30	15.43		
15	64QAM	1	37	15.50	15.57	15.55	16.5	0
15	64QAM	1	74	15.43	15.42	15.45		
15	64QAM	36	0	15.39	15.47	15.61		
15	64QAM	36	20	15.53	15.53	15.62	16.5	0
15	64QAM	36	39	15.49	15.64	15.57		
15	64QAM	75	0	15.40	15.57	15.62		
15	256QAM	1	0	15.23	15.24	15.25		
15	256QAM	1	37	15.51	15.59	15.52	16.5	0
15	256QAM	1	74	15.31	15.35	15.27		
15	256QAM	36	0	15.31	15.39	15.56		
15	256QAM	36	20	15.30	15.58	15.62	16.5	0
15	256QAM	36	39	15.49	15.48	15.46		
15	256QAM	75	0	15.40	15.53	15.49		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	15.39	15.32	15.21		
10	QPSK	1	25	15.48	15.72	15.59	16.5	0
10	QPSK	1	49	15.27	15.43	15.31		
10	QPSK	25	0	15.41	15.59	15.46		
10	QPSK	25	12	15.49	15.70	15.59	16.5	0
10	QPSK	25	25	15.43	15.58	15.53		
10	QPSK	50	0	15.32	15.60	15.55		
10	16QAM	1	0	15.20	15.29	15.22		
10	16QAM	1	25	15.43	15.52	15.51	16.5	0
10	16QAM	1	49	15.29	15.46	15.47		
10	16QAM	25	0	15.45	15.55

WIFI Power

2.4GHz WLAN				Full Power						Head Standalone						Head Simultaneous						Hotspot					
				Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
	802.11b 1Mbps	1	2412	18.10	19.00	18.00	19.00	21.06	22.00	15.20	16.00	15.10	16.00	18.16	19.00	11.20	12.00	11.10	12.00	14.16	15.00	18.10	19.00	18.00	19.00	21.06	22.00
		6	2437	18.70	19.50	18.20	19.00	21.47	22.00	15.60	16.50	15.30	16.00	18.46	19.00	11.50	12.50	11.20	12.00	14.36	15.00	18.70	19.50	18.20	19.00	21.47	22.00
		11	2462	18.40	19.00	18.00	19.00	21.21	22.00	15.30	16.00	15.10	16.00	18.21	19.00	11.30	12.00	11.20	12.00	14.26	15.00	18.40	19.00	18.00	19.00	21.21	22.00
	802.11g 6Mbps	1	2412	17.60	18.50	18.00	19.00	20.81	21.50		16.50		16.00		19.00		12.50		12.00		15.00	17.60	18.50	18.00	19.00	20.81	21.50
		6	2437	18.10	19.00	18.10	19.00	21.11	22.00		16.50		16.00		19.00		12.50		12.00		15.00	18.10	19.00	18.10	19.00	21.11	22.00
		11	2462	16.80	17.50	16.70	17.50	19.76	20.50		16.50		16.00		19.00		12.50		12.00		15.00	16.80	17.50	16.70	17.50	19.76	20.50
	802.11n-HT20 MCS0	1	2412	15.71	16.50	15.58	16.50	18.66	19.50		16.50		16.00		19.00		12.50		12.00		15.00	15.71	16.50	15.58	16.50	18.66	19.50
		6	2437	18.13	19.00	17.82	18.50	21.02	22.00	Not Required	16.50	Not Required	16.00	Not Required	19.00	Not Required	12.50	Not Required	12.00	Not Required	15.00	18.13	19.00	17.82	18.50	21.02	22.00
		11	2462	16.66	17.50	15.88	16.50	19.60	20.50		16.50		16.00		19.00		12.50		12.00		15.00	16.66	17.50	15.88	16.50	19.60	20.50
	802.11ax-HE20 MCS0	1	2412	15.90	16.50	16.20	17.00	19.06	20.00		16.50		16.00		19.00		12.50		12.00		15.00	15.90	16.50	16.20	17.00	19.06	20.00
		6	2437	18.10	19.00	18.10	19.00	21.11	22.00		16.50		16.00		19.00		12.50		12.00		15.00	18.10	19.00	18.10	19.00	21.11	22.00
		11	2462	16.60	17.50	16.50	17.50	19.56	20.50		16.50		16.00		19.00		12.50		12.00		15.00	16.60	17.50	16.50	17.50	19.56	20.50

5.2GHz WLAN				Full Power						Head Standalone						Head Simultaneous						Hotspot					
				Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	36	5180	14.81	15.50	14.69	15.50	17.76	18.50	14.81	15.50	14.69	15.50	17.76	18.50		8.50		8.00		11.50	14.81	15.50	14.69	15.50	17.76	18.50
		40	5200	14.70	15.50	14.61	15.50	17.67	18.50	14.70	15.50	14.61	15.50	17.67	18.50		8.50		8.00		11.50	14.70	15.50	14.61	15.50	17.67	18.50
		44	5220	14.91	15.50	14.54	15.50	17.74	18.50	14.91	15.50	14.54	15.50	17.74	18.50		8.50		8.00		11.50	14.91	15.50	14.54	15.50	17.74	18.50
		48	5240	14.75	15.50	14.64	15.50	17.71	18.50	14.75	15.50	14.64	15.50	17.71	18.50		8.50		8.00		11.50	14.75	15.50	14.64	15.50	17.71	18.50
	802.11n-HT20 MCS0	36	5180	14.74	15.50	14.00	15.00	17.40	18.00	14.74	15.50	14.00	15.00	17.40	18.00		8.50		8.00		11.50	14.74	15.50	14.00	15.00	17.40	18.00
		40	5200	14.69	15.50	14.00	15.00	17.37	18.00	14.69	15.50	14.00	15.00	17.37	18.00		8.50		8.00		11.50	14.69	15.50	14.00	15.00	17.37	18.00
		44	5220	14.46	15.00	14.12	15.00	17.30	18.00	14.46	15.00	14.12	15.00	17.30	18.00		8.50		8.00		11.50	14.46	15.00	14.12	15.00	17.30	18.00
		48	5240	14.36	15.00	14.18	15.00	17.28	18.00	14.36	15.00	14.18	15.00	17.28	18.00	Not Required	8.50	Not Required	8.00	Not Required	11.50	14.36	15.00	14.18	15.00	17.28	18.00
	802.11n-HT40 MCS0	38	5190	14.51	15.50	13.77	14.50	17.17	18.00	14.51	15.50	13.77	14.50	17.17	18.00		8.50		8.00		11.50	14.51	15.50	13.77	14.50	17.17	18.00
		46	5230	14.54	15.50	13.71	14.50	17.16	18.00	14.54	15.50	13.71	14.50	17.16	18.00		8.50		8.00		11.50	14.54	15.50	13.71	14.50	17.16	18.00
		36	5180	14.71	15.50	14.08	15.00	17.42	18.00	14.71	15.50	14.08	15.00	17.42	18.00		8.50		8.00		11.50	14.71	15.50	14.08	15.00	17.42	18.00
	802.11ac-VHT20 MCS0	40	5200	14.77	15.50	14.11	15.00	17.46	18.00	14.77	15.50	14.11	15.00	17.46	18.00		8.50		8.00		11.50	14.77	15.50	14.11	15.00	17.46	18.00
		44	5220	14.85	15.50	14.13	15.00	17.52	18.00	14.85	15.50	14.13	15.00	17.52	18.00		8.50		8.00		11.50	14.85	15.50	14.13	15.00	17.52	18.00
		48	5240	14.88	15.50	14.21	15.00	17.57	18.00	14.88	15.50	14.21	15.00	17.57	18.00		8.50		8.00		11.50	14.88	15.50	14.21	15.00	17.57	18.00
	802.11ac-VHT40 MCS0	38	5190	14.38	15.00	13.78	14.50	17.10	18.00	14.38	15.00	13.78	14.50	17.10	18.00		8.50		8.00		11.50	14.38	15.00	13.78	14.50	17.10	18.00
		46	5230	14.45	15.00	13.74	14.50	17.12	18.00	14.45	15.00	13.74	14.50	17.12	18.00		8.50		8.00		11.50	14.45	15.00	13.74	14.50	17.12	18.00
	802.11ac-VHT80 MCS0	42	5210	14.01	15.00	13.06	14.00	16.57	17.50	14.01	15.00	13.06	14.00	16.57	17.50	8.11	9.00	7.13	8.00	10.66	11.50	14.01	15.00	13.06	14.00	16.57	17.50
	802.11ax-HE20 MCS0	36	5180	14.74	15.50	14.51	15.50	17.64	18.50	14.74	15.50	14.51	15.50	17.64	18.50		8.50		8.00		11.50	14.74	15.50	14.51	15.50	17.64	18.50
		40	5200	14.58	15.50	14.48	15.00	17.54	18.50	14.58	15.50	14.48	15.00	17.54	18.50		8.50		8.00		11.50	14.58	15.50	14.48	15.00	17.54	18.50
		44	5220	14.70	15.50	14.51	15.50	17.62	18.50	14.70	15.50	14.51	15.50	17.62	18.50		8.50		8.00		11.50	14.70	15.50	14.51	15.50	17.62	18.50
		48	5240	14.71	15.50	14.50	15.50	17.62	18.50	14.71	15.50	14.50	15.50	17.62	18.50	Not Required	8.50	Not Required	8.00	Not Required	11.50	14.71	15.50	14.50	15.50	17.62	18.50
	802.11ax-HE40 MCS0	38	5190	14.53	15.50	14.41	15.00	17.48	18.00	14.53	15.50	14.41	15.00	17.48	18.00		8.50		8.00		11.50	14.53	15.50	14.41	15.00	17.48	18.00
		46	5230	14.50	15.50	14.26	15.00	17.39	18.00	14.50	15.50	14.26	15.00	17.39	18.00		8.50		8.00		11.50	14.50	15.50	14.26	15.00	17.39	18.00
	802.11ax-HE80 MCS0	42	5210	14.19	15.00	14.14	15.00	17.18	18.00	14.19	15.00	14.14	15.00	17.18	18.00		8.50		8.00		11.50	14.19	15.00	14.14	15.00	17.18	18.00

5.3GHz WLAN				Full Power						Head Standalone						Head Simultaneous						Extrimly Standalone					
				Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	52	5260	18.35	19.00	18.00	19.00	21.19	22.00		15.50		15.00		18.50		8.50		8.00		11.50	18.35	19.00	18.00	19.00	21.19	22.00
		56	5280	18.30	19.00	17.68	18.50	21.01	22.00		15.50		15.00		18.50		8.50		8.00		11.50	18.30	19.00	17.68	18.50	21.01	22.00
		60	5300	16.32	17.00	16.01	17.00	19.18	20.00		15.50		15.00		18.50		8.50		8.00		11.50	18.38	19.00	18.06	19.00	21.24	22.00
		64	5320	16.85	17.50	16.45	17.00	19.67	20.50	Not Required	15.50	Not Required	15.00	Not Required	18.50		8.50		8.00		11.50	18.39	19.00	17.98	18.50	21.20	22.00
	802.11n-HT20 MCS0	52	5260	18.19	19.00	17.70	18.50	21.02	22.00		15.50		15.00		18.50		8.50		8.00		11.50	18.19	19.00	17.70	18.50	21.02	22.00
		56	5280	18.48	19.00	17.62	18.50	21.08	22.00		15.50		15.00		18.50		8.50		8.00		11.50	18.70	19.50	17.62	18.50	21.20	22.00
		60	5300	16.16	17.00	15.52	16.50	18.86	19.50		15.50		15.00		18.50		8.50		8.00		11.50	18.16	19.00	17.52	18.50	20.86	21.50
		64	5320	16.68	17.50	16.05	17.00	19.39	20.00		15.50		15.00		18.50	Not Required	8.50	Not Required	8.00	Not Required	11.50	18.18	19.00	17.55	18.50	20.89	21.50
	802.11n-HT40 MCS0	54	5270	18.38	19.00	17.59	18.50	21.01	22.00	14.76	15.50	14.11	15.00	17.46	18.50		8.50		8.00		11.50	18.38	19.00	17.59	18.50	21.01	22.00
		62	5310	17.83	18.50	17.19	18.00	20.53	21.50	14.72	15.50	14.16	15.00	17.46	18.50		8.50		8.00		11.50	18.33	19.00	17.69	18.50	21.03	22.00
		52	5260	18.20	19.00	17.74	18.50	21.05	22.00		15.50		15.00		18.50		8.50		8.00		11.50	18.20	19.00	17.74	18.50	21.05	22.00
		56	5280	18.47	19.00	17.63	18.50	21.08	22.00		15.50		15.00		18.50		8.50		8.00		11.50	18.77	19.50	17.63	18.50	21.48	22.00
	802.11ac-VHT20 MCS0	60	5300	16.13	17.00	15.51	16.50	18.81	19.50		15.50		15.00		18.50		8.50		8.00		11.50	18.13	19.00	17.51	18.50	20.81	21.50
		64	5320	16.59	17.50	16.01	17.00	19.32	20.00		15.50		15.00		18.50		8.50		8.00		11.50	18.09	19.00	17.51	18.50	20.82	21.50
		54	5270	18.36	19.00	17.21	18.00	20.83	21.50		15.50		15.00		18.50		8.50		8.00		11.50	18.36	19.00	17.21	18.00	20.83	21.50
	802.11ac-VHT40 MCS0	62	5310	17.36	18.00	16.63	17.50	20.02	21.00		15.50		15.00		18.50		8.50		8.00		11.50	17.86	18.50	17.13	18.00	20.52	21.50
	802.11ac-VHT80 MCS0	58	5290	13.95	14.50	13.16	14.00	16.58	17.50	Not Required	14.50	Not Required	14.00	Not Required	17.50	7.88	8.50	7.22	8.00	10.57	11.50	13.95	14.50	13.16	14.00	16.58	17.50
	802.11ax-HE20 MCS0	52	5260	18.30	19.00	17.98	18.50	21.16	22.00		15.50		15.00		18.50		8.50		8.00		11.50	18.30	19.00	17.98	18.50	21.16	22.00
		56	5280	18.22	19.00	17.67	18.50	20.97	21.50		15.50		15.00		18.50		8.50		8.00		11.50	18.22	19.00	17.67	18.50	20.97	21.50
		60	5300	16.80	17.50	16.52	17.50	19.68	20.50		15.50		15.00		18.50		8.50		8.00		11.50	18.34	19.00	17.99	18.50	21.18	22.00
		64	5320	18.38	19.00	17.95	18.50	21.18	22.00		15.50		15.00		18.50	Not Required	8.50	Not Required	8.00	Not Required	11.50	18.38	19.00	17.95	18.50	21.18	22.00
	802.11ax-HE40 MCS0	54	5270	18.35	19.00	17.54	18.50	20.97	21.50		15.50		15.00		18.50		8.50		8.00		11.50	18.35	19.00	17.54	18.50	20.97	21.50
		62	5310	17.89	18.50	17.12	18.00	20.53	21.50		15.50		15.00		18.50		8.50		8.00		11.50	18.36	19.00	17.59	18.50	21.00	22.00
	802.11ax-HE80 MCS0	58	5290	14.57	15.50	14.03	15.00	17.32	18.00		15.50		15.00		18.00		8.50		8.00		11.50	14.57	15.50	14.03	15.00	17.32	18.00

5.5GHz WLAN				Full Power						Head Standalone						Head Simultaneous						Extrimly Standalone					
				Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit
	802.11a 6Mbps	100	5500	10.17	11.00	10.56	11.50	13.38	14.00	10.17	11.00	10.56	11.50	13.38	14.00		7.50		7.50		10.50	10.17	11.00	10.56	11.50	13.38	14.00
		116	5580	10.08	11.00	10.55	11.50	13.34	14.00	10.08	11.00	10.55	11.50	13.34	14.00		7.50		7.50		10.50	10.08	11.00	10.55	11.50	13.34	14.00
		124	5620	9.66	10.50	10.41	11.00	13.06	14.00	9.66	10.50	10.41	11.00	13.06	14.00		7.50		7.50		10.50	9.66	10.50	10.41	11.00	13.06	14.00
		132	5660	9.64	10.50	10.38	11.00	13.04	14.00	9.64	10.50	10.38	11.00	13.04	14.00		7.50		7.50		10.50	9.64	10.50	10.38	11.00	13.04	14.00
		140	5700	10.08	11.00	10.57	11.50	13.35	14.00	10.08	11.00	10.57	11.50	13.35	14.00		7.50		7.50		10.50	10.08	11.00	10.57	11.50	13.35	14.00
		144	5720	10.10	11.00	10.87	11.50	13.52	14.50	10.10	11.00	10.87	11.50	13.52	14.50		7.50		7.50		10.50	10.10	11.00	10.87	11.50	13.52	14.50
		100	5500	10.19	11.00	10.21	11.00	13.21	14.00	10.19	11.00	10.21	11.00	13.21	14.00		7.50		7.50		10.50	10.19	11.00	10.21	11.00	13.21	14.00
		116	5580	10.28	11.00	10.63	11.50	13.47	14.00	10.28	11.00	10.63	11.50	13.47	14.00		7.50		7.50		10.50	10.28	11.00	10.63	11.50	13.47	14.00
		124	5620	10.25	11.00	10.32	11.00	13.30	14.00	10.25	11.00	10.32	11.00	13.30	14.00		7.50		7.50		10.50	10.25	11.00	10.32	11.00	13.30	14.00
		132	5660	10.31	11.00	10.76	11.50	13.45	14.00	10.31	11.00	10.76	11.50	13.45	14.00		7.50		7.50		10.50	10.31	11.00	10.76	11.50	13.45	14.00
		140	5700	10.08	11.00	10.21	11.00	13.16	14.00	10.08	11.00	10.21	11.00	13.16	14.00		7.50		7.50		10.50	10.08	11.00	10.21	11.00	13.16	14.00
		144	5720	10.42	11.00	10.51	11.50	13.45	14.00	10.42	11.00	10.51	11.50	13.45	14.00		7.50		7.50		10.50	10.42	11.00	10.51	11.50	13.45	14.00
		102	5510	9.85	10.50	10.00	11.00	13.02	14.00	9.85	10.50	10.00	11.00	13.02	14.00		7.50		7.50		10.50	9.85	10.50	10.00	11.00	13.02	14.00
		110	5550	10.22	11.00	10.02	11.00	13.04	14.00	10.22	11.00	10.02	11.00	13.04	14.00		7.50		7.50		10.50	10.22	11.00	10.02	11.00	13.04	14.00
	802.11n-HT40 MCS0	126	5630	9.51	10.50	9.66	10.50	12.57	13.50	9.51	10.50	9.66	10.50	12.57	13.50	Not Required	7.50	Not Required	7.50	Not Required	10.50	9.51	10.50	9.66	10.50	12.57	13.50
		134	5670	9.59	10.50	10.02	11.00	13.02	14.00	9.59	10.50	10.02	11.00	13.02	14.00		7.50		7.50		10.50	9.59	10.50	10.02	11.00	13.02	14.00
		142	5710	10.02	11.00	10.08	11.00	13.06	14.00	10.02	11.00	10.08	11.00	13.06	14.00		7.50		7.50		10.50	10.02	11.00	10.08	11.00	13.06	14.00
		100	5500	10.13	11.00	10.28	11.00	13.22	14.00	10.13	11.00	10.28	11.00	13.22	14.00		7.50		7.50		10.50	10.13	11.00	10.28	11.00	13.22	14.00
		116	5580	10.27	11.00	10.61	11.50	13.45	14.00	10.27	11.00	10.61	11.50	13.45	14.00		7.50		7.50		10.50	10.27	11.00	10.61	11.50	13.45	14.00
		124	5620	10.32	11.00	10.34	11.00	13.34	14.00	10.32	11.00	10.34	11.00	13.34	14.00		7.50		7.50		10.50	10.32	11.00	10.34	11.00	13.34	14.00
		132	5660	10.31	11.00	10.54	11.50	13.44	14.00	10.31	11.00	10.54	11.50	13.44	14.00		7.50		7.50		10.50	10.31	11.00	10.54	11.50	13.44	14.00
		140	5700	10.10	11.00	10.13	11.00	13.13	14.00	10.10	11.00	10.13	11.00	13.13	14.00		7.50		7.50		10.50	10.10	11.00	10.13	11.00	13.13	14.00
		144	5720	10.41	11.00	10.46	11.00	13.45	14.00	10.41	11.00	10.46	11.00	13.45	14.00		7.50		7.50		10.50	10.41	11.00	10.46	11.00	13.45	14.00
		102	5510	10.06	11.00	10.02	11.00	13.00	14.00	10.06	11.00	10.02	11.00	13.00	14.00		7.50		7.50		10.50	10.06	11.00	10.02	11.00	13.00	14.00
		110	5550	10.21	11.00	10.05	11.00	13.06	14.00	10.21	11.00	10.05	11.00	13.06	14.00		7.50		7.50		10.50	10.21	11.00	10.05	11.00	13.06	14.00
	802.11ac-VHT40 MCS0	126	5630	9.50	10.50	9.61	10.50	12.53	13.50	9.50	10.50	9.61	10.50	12.53	13.50		7.50		7.50		10.50	9.50	10.50	9.61	10.50	12.53	13.50
		134	5670	9.58	10.50	10.01	11.00	12.81	13.50	9.58	10.50	10.01	11.00	12.81	13.50		7.50		7.50		10.50	9.58	10.50	10.01	11.00	12.81	13.50
		142	5710	9.96	10.50	10.07	11.00	13.03	14.00	9.96	10.50	10.07	11.00	13.03	14.00		7.50		7.50		10.50	9.96	10.50	10.07	11.00	13.03	14.00
		106	5530	9.56	10.50	9.15	10.00	12.37	13.00	9.56	10.50	9.15	10.00	12.37	13.00	7.12	8.00	6.58	7.50	9.87	10.50	9.56	10.50	9.15	10.00	12.37	13.00
	802.11ac-VHT80 MCS0	122	5610	9.17	10.00	9.26	10.00	12.23	13.00	9.17	10.00	9.26	10.00	12.23	13.00	6.57	7.50	6.72	7.50	9.66	10.50	9.17	10.00	9.26	10.00	12.23	13.00
		138	5690	9.55	10.50	9.84	10.50	12.71	13.50	9.55	10.50	9.84	10.50	12.71	13.50	6.98	7.50	6.96	7.50	9.97	10.50	9.55	10.50	9.84	10.50	12.71	13.50
		100	5500	10.16	11.00	10.28	11.00	13.23	14.00	10.16	11.00	10.28	11.00	13.23	14.00		7.50		7.50		10.50	10.16	11.00	10.28	11.00	13.23	14.00
		116	5580	10.01	11.00	10.33	11.00	13.19	14.00	10.01	11.00	10.33	11.00	13.19	14.00		7.50		7.50		10.50	10.01	11.00	10.33	11.00	13.19	14.00
		124	5620	9.63	10.50	10.33	11.00	13.01	14.00	9.63	10.50	10.33	11.00	13.01	14.00		7.50		7.50		10.50	9.63	10.50	10.33	11.00	13.01	14.00
		132	5660	9.59	10.50	10.31	11.00	12.98	13.50	9.59	10.50	10.31	11.00	12.98	13.50		7.50		7.50		10.50	9.59	10.50	10.31	11.00	12.98	13.50
		140	5700	9.93	10.50	10.44	11.00	13.21	14.00	9.93	10.50	10.44	11.00	13.21	14.00		7.50		7.50		10.50	9.93	10.50	10.44	11.00	13.21	14.00
		144	5720	10.08	11.00	10.79	11.50	13.46	14.00	10.08	11.00	10.79	11.50	13.46	14.00		7.50		7.50		10.50	10.08	11.00	10.79	11.50	13.46	14.00
		102	5510	10.21	11.00	10.03	11.00	13.13	14.00	10.21	11.00	10.03	11.00	13.13	14.00	Not Required	7.50	Not Required	7.50	Not Required	10.50

2.4GHz WLAN				Extrimity Standalone						Extrimity Simultaneous						Body Standalone						Body Simultaneous						
				Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		Ant 9		Ant 8		Ant 9+8		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.10	19.00	18.00	19.00	21.06	22.00	18.10	19.00	18.00	19.00	21.06	22.00	18.10	19.00	18.00	19.00	21.06	22.00	18.10	19.00	18.00	19.00	21.06	22.00	99.47
		6	2437	18.70	19.50	18.20	19.00	21.47	22.00	18.70	19.50	18.20	19.00	21.47	22.00	18.70	19.50	18.20	19.00	21.47	22.00	18.70	19.50	18.20	19.00	21.47	22.00	
		11	2462	18.40	19.00	18.00	19.00	21.21	22.00	18.40	19.00	18.00	19.00	21.21	22.00	18.40	19.00	18.00	19.00	21.21	22.00	18.40	19.00	18.00	19.00	21.21	22.00	
	802.11g 6Mbps	1	2412	17.60	18.50	18.00	19.00	20.81	21.50	17.60	18.50	18.00	19.00	20.81	21.50	17.60	18.50	18.00	19.00	20.81	21.50	17.60	18.50	18.00	19.00	20.81	21.50	96.86
		6	2437	18.10	19.00	18.10	19.00	21.11	22.00	18.10	19.00	18.10	19.00	21.11	22.00	18.10	19.00	18.10	19.00	21.11	22.00	18.10	19.00	18.10	19.00	21.11	22.00	
		11	2462	16.80	17.50	16.70	17.50	19.76	20.50	16.80	17.50	16.70	17.50	19.76	20.50	16.80	17.50	16.70	17.50	19.76	20.50	16.80	17.50	16.70	17.50	19.76	20.50	
	802.11n-HT20 MCS0	1	2412	15.71	16.50	15.58	16.50	18.66	19.50	15.71	16.50	15.58	16.50	18.66	19.50	15.71	16.50	15.58	16.50	18.66	19.50	15.71	16.50	15.58	16.50	18.66	19.50	95.75
		6	2437	18.13	19.00	17.82	18.50	21.02	22.00	18.13	19.00	17.82	18.50	21.02	22.00	18.13	19.00	17.82	18.50	21.02	22.00	18.13	19.00	17.82	18.50	21.02	22.00	
		11	2462	16.66	17.50	15.88	16.50	19.60	20.50	16.66	17.50	15.88	16.50	19.60	20.50	16.66	17.50	15.88	16.50	19.60	20.50	16.66	17.50	15.88	16.50	19.60	20.50	
	802.11ax-HE20 MCS0	1	2412	15.90	16.50	16.20	17.00	19.06	20.00	15.90	16.50	16.20	17.00	19.06	20.00	15.90	16.50	16.20	17.00	19.06	20.00	15.90	16.50	16.20	17.00	19.06	20.00	
		6	2437	18.10	19.00	18.10	19.00	21.11	22.00	18.10	19.00	18.10	19.00	21.11	22.00	18.10	19.00	18.10	19.00	21.11	22.00	18.10	19.00	18.10	19.00	21.11	22.00	95.75
		11	2462	16.60	17.50	16.50	17.50	19.56	20.50	16.60	17.50	16.50	17.50	19.56	20.50	16.60	17.50	16.50	17.50	19.56	20.50	16.60	17.50	16.50	17.50	19.56	20.50	

5.2GHz WLAN				Extrimity Standalone						Extrimity Simultaneous						Body Standalone						Body Simultaneous						
				Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	14.81	15.50	14.69	15.50	17.76	18.50	14.81	15.50	14.69	15.50	17.76	18.50	14.81	15.50	14.69	15.50	17.76	18.50	14.81	15.50	14.69	15.50	17.76	18.50	96.98
		40	5200	14.70	15.50	14.61	15.50	17.67	18.50	14.70	15.50	14.61	15.50	17.67	18.50	14.70	15.50	14.61	15.50	17.67	18.50	14.70	15.50	14.61	15.50	17.67	18.50	
		44	5220	14.91	15.50	14.54	15.50	17.74	18.50	14.91	15.50	14.54	15.50	17.74	18.50	14.91	15.50	14.54	15.50	17.74	18.50	14.91	15.50	14.54	15.50	17.74	18.50	
		48	5240	14.75	15.50	14.64	15.50	17.71	18.50	14.75	15.50	14.64	15.50	17.71	18.50	14.75	15.50	14.64	15.50	17.71	18.50	14.75	15.50	14.64	15.50	17.71	18.50	
	802.11n-HT20 MCS0	36	5180	14.74	15.50	14.00	15.00	17.40	18.00	14.74	15.50	14.00	15.00	17.40	18.00	14.74	15.50	14.00	15.00	17.40	18.00	14.74	15.50	14.00	15.00	17.40	18.00	95.88
		40	5200	14.69	15.50	14.00	15.00	17.37	18.00	14.69	15.50	14.00	15.00	17.37	18.00	14.69	15.50	14.00	15.00	17.37	18.00	14.69	15.50	14.00	15.00	17.37	18.00	
		44	5220	14.46	15.00	14.12	15.00	17.30	18.00	14.46	15.00	14.12	15.00	17.30	18.00	14.46	15.00	14.12	15.00	17.30	18.00	14.46	15.00	14.12	15.00	17.30	18.00	
		48	5240	14.36	15.00	14.18	15.00	17.28	18.00	14.36	15.00	14.18	15.00	17.28	18.00	14.36	15.00	14.18	15.00	17.28	18.00	14.36	15.00	14.18	15.00	17.28	18.00	
	802.11n-HT40 MCS0	38	5190	14.51	15.50	13.77	14.50	17.17	18.00	14.51	15.50	13.77	14.50	17.17	18.00	14.51	15.50	13.77	14.50	17.17	18.00	14.51	15.50	13.77	14.50	17.17	18.00	92.52
		46	5230	14.54	15.50	13.71	14.50	17.16	18.00	14.54	15.50	13.71	14.50	17.16	18.00	14.54	15.50	13.71	14.50	17.16	18.00	14.54	15.50	13.71	14.50	17.16	18.00	
	802.11ac-VHT20 MCS0	36	5180	14.71	15.50	14.08	15.00	17.42	18.00	14.71	15.50	14.08	15.00	17.42	18.00	14.71	15.50	14.08	15.00	17.42	18.00	14.71	15.50	14.08	15.00	17.42	18.00	95.88
		40	5200	14.77	15.50	14.11	15.00	17.46	18.00	14.77	15.50	14.11	15.00	17.46	18.00	14.77	15.50	14.11	15.00	17.46	18.00	14.77	15.50	14.11	15.00	17.46	18.00	
		44	5220	14.85	15.50	14.13	15.00	17.52	18.00	14.85	15.50	14.13	15.00	17.52	18.00	14.85	15.50	14.13	15.00	17.52	18.00	14.85	15.50	14.13	15.00	17.52	18.00	
		48	5240	14.88	15.50	14.21	15.00	17.57	18.00	14.88	15.50	14.21	15.00	17.57	18.00	14.88	15.50	14.21	15.00	17.57	18.00	14.88	15.50	14.21	15.00	17.57	18.00	
	802.11ac-VHT40 MCS0	38	5190	14.38	15.00	13.78	14.50	17.10	18.00	14.38	15.00	13.78	14.50	17.10	18.00	14.38	15.00	13.78	14.50	17.10	18.00	14.38	15.00	13.78	14.50	17.10	18.00	92.52
		46	5230	14.45	15.00	13.74	14.50	17.12	18.00	14.45	15.00	13.74	14.50	17.12	18.00	14.45	15.00	13.74	14.50	17.12	18.00	14.45	15.00	13.74	14.50	17.12	18.00	
	802.11ac-VHT80 MCS0	42	5210	14.01	15.00	13.06	14.00	16.57	17.50	14.01	15.00	13.06	14.00	16.57	17.50	14.01	15.00	13.06	14.00	16.57	17.50	14.01	15.00	13.06	14.00	16.57	17.50	
	802.11ax-HE20 MCS0	36	5180	14.74	15.50	14.51	15.50	17.64	18.50	14.74	15.50	14.51	15.50	17.64	18.50	14.74	15.50	14.51	15.50	17.64	18.50	14.74	15.50	14.51	15.50	17.64	18.50	95.88
		40	5200	14.58	15.50	14.48	15.00	17.54	18.50	14.58	15.50	14.48	15.00	17.54	18.50	14.58	15.50	14.48	15.00	17.54	18.50	14.58	15.50	14.48	15.00	17.54	18.50	
		44	5220	14.70	15.50	14.51	15.50	17.62	18.50	14.70	15.50	14.51	15.50	17.62	18.50	14.70	15.50	14.51	15.50	17.62	18.50	14.70	15.50	14.51	15.50	17.62	18.50	
		48	5240	14.71	15.50	14.50	15.50	17.62	18.50	14.71	15.50	14.50	15.50	17.62	18.50	14.71	15.50	14.50	15.50	17.62	18.50	14.71	15.50	14.50	15.50	17.62	18.50	
	802.11ax-HE40 MCS0	38	5190	14.53	15.50	14.41	15.00	17.48	18.00	14.53	15.50	14.41	15.00	17.48	18.00	14.53	15.50	14.41	15.00	17.48	18.00	14.53	15.50	14.41	15.00	17.48	18.00	92.52
		46	5230	14.50	15.50	14.26	15.00	17.39	18.00	14.50	15.50	14.26	15.00	17.39	18.00	14.50	15.50	14.26	15.00	17.39	18.00	14.50	15.50	14.26	15.00	17.39	18.00	
	802.11ax-HE80 MCS0	42	5210	14.19	15.00	14.14	15.00	17.18	18.00	14.19	15.00	14.14	15.00	17.18	18.00	14.19	15.00	14.14	15.00	17.18	18.00	14.19	15.00	14.14	15.00	17.18	18.00	86.90

5.3GHz WLAN				Extrimity Simultaneous						Body Standalone						Body Simultaneous						
				Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260		18.00		17.50		21.00	18.35	19.00	18.00	19.00	21.19	22.00	18.35	19.00	18.00	19.00	21.19	22.00	
		56	5280		18.00		17.50		21.00	18.30	19.00	17.68	18.50	21.01	22.00	18.30	19.00	17.68	18.50	21.01	22.00	96.98
		60	5300		18.00		17.50		21.00	18.38	19.00	18.06	19.00	21.24	22.00	18.38	19.00	18.06	19.00	21.24	22.00	
		64	5320	Not Required	18.00	Not Required	17.50	Not Required	21.00	18.39	19.00	17.98	18.50	21.20	22.00	18.39	19.00	17.98	18.50	21.20	22.00	
	802.11n-HT20 MCS0	52	5260		18.00		17.50		21.00	18.19	19.00	17.70	18.50	21.02	22.00	18.19	19.00	17.70	18.50	21.02	22.00	
		56	5280		18.00		17.50		21.00	18.70	19.50	17.62	18.50	21.20	22.00	18.70	19.50	17.62	18.50	21.20	22.00	95.88
		60	5300		18.00		17.50		21.00	18.16	19.00	17.52	18.50	20.86	21.50	18.16	19.00	17.52	18.50	20.86	21.50	
		64	5320		18.00		17.50		21.00	18.18	19.00	17.55	18.50	20.89	21.50	18.18	19.00	17.55	18.50	20.89	21.50	
	802.11n-HT40 MCS0	54	5270	17.33	18.00	16.53	17.50	20.01	21.00	18.38	19.00	17.59	18.50	21.01	22.00	18.38	19.00	17.59	18.50	21.01	22.00	95.52
		62	5310	17.28	18.00	16.58	17.50	20.02	21.00	18.33	19.00	17.69	18.50	21.03	22.00	18.33	19.00	17.69	18.50	21.03	22.00	
	802.11ac-VHT20 MCS0	52	5260		18.00		17.50		21.00	18.20	19.00	17.74	18.50	21.05	22.00	18.20	19.00	17.74	18.50	21.05	22.00	
		56	5280		18.00		17.50		21.00	18.77	19.50	17.63	18.50	21.48	22.00	18.77	19.50	17.63	18.50	21.48	22.00	95.88
		60	5300		18.00		17.50		21.00	18.13	19.00	17.51	18.50	20.81	21.50	18.13	19.00	17.51	18.50	20.81	21.50	
		64	5320		18.00		17.50		21.00	18.09	19.00	17.51	18.50	20.82	21.50	18.09	19.00	17.51	18.50	20.82	21.50	
	802.11ac-VHT40 MCS0	54	5270		18.00		17.50		21.00	18.36	19.00	17.21	18.00	20.83	21.50	18.36	19.00	17.21	18.00	20.83	21.50	95.52
		62	5310		18.00		17.50		21.00	17.86	18.50	17.13	18.00	20.52	21.50	17.86	18.50	17.13	18.00	20.52	21.50	
	802.11ac-VHT80 MCS0	58	5290	Not Required	14.50	Not Required	14.00	Not Required	17.50	13.95	14.50	13.16	14.00	16.58	17.50	13.95	14.50	13.16	14.00	16.58	17.50	86.90
	802.11ax-HE20 MCS0	52	5260		18.00		17.50		21.00	18.30	19.00	17.98	18.50	21.16	22.00	18.30	19.00	17.98	18.50	21.16	22.00	
		56	5280		18.00		17.50		21.00	18.22	19.00	17.67	18.50	20.97	21.50	18.22	19.00	17.67	18.50	20.97	21.50	95.88
		60	5300		18.00		17.50		21.00	18.34	19.00	17.99	18.50	21.18	22.00	18.34	19.00	17.99	18.50	21.18	22.00	
		64	5320		18.00		17.50		21.00	18.38	19.00	17.95	18.50	21.18	22.00	18.38	19.00	17.95	18.50	21.18	22.00	
	802.11ax-HE40 MCS0	54	5270		18.00		17.50		21.00	18.35	19.00	17.54	18.50	20.97	21.50	18.35	19.00	17.54	18.50	20.97	21.50	95.52
		62	5310		18.00		17.50		21.00	18.36	19.00	17.59	18.50	21.00	22.00	18.36	19.00	17.59	18.50	21.00	22.00	
	802.11ax-HE80 MCS0	58	5290		15.50		15.00		18.00	14.57	15.50	14.03	15.00	17.32	18.00	14.57	15.50	14.03	15.00	17.32	18.00	86.90

5.5GHz WLAN				Extrimity Simultaneous						Body Standalone						Body Simultaneous						
				Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		Ant 10		Ant 11		Ant 10+11		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	10.17	11.00	10.56	11.50	13.38	14.00	10.17	11.00	10.56	11.50	13.38	14.00	10.17	11.00	10.56	11.50	13.38	14.00	
		116	5580	10.08	11.00	10.55	11.50	13.34	14.00	10.08	11.00	10.55	11.50	13.34	14.00	10.08	11.00	10.55	11.50	13.34	14.00	
		124	5620	9.66	10.50	10.41	11.00	13.06	14.00	9.66	10.50	10.41	11.00	13.06	14.00	9.66	10.50	10.41	11.00	13.06	14.00	96.98
		132	5660	9.64	10.50	10.38	11.00	13.04	14.00	9.64	10.50	10.38	11.00	13.04	14.00	9.64	10.50	10.38	11.00	13.04	14.00	
		140	5700	10.08	11.00	10.57	11.50	13.35	14.00	10.08	11.00	10.57	11.50	13.35	14.00	10.08	11.00	10.57	11.50	13.35	14.00	
		144	5720	10.10	11.00	10.87	11.50	13.52	14.50	10.10	11.00	10.87	11.50	13.52	14.50	10.10	11.00	10.87	11.50	13.52	14.50	
	802.11n-HT20 MCS0	100	5500	10.19	11.00	10.21	11.00	13.21	14.00	10.19	11.00	10.21	11.00	13.21	14.00	10.19	11.00	10.21	11.00	13.21	14.00	
		116	5580	10.28	11.00	10.63	11.50	13.47	14.00	10.28	11.00	10.63	11.50	13.47	14.00	10.28	11.00	10.63	11.50	13.47	14.00	
		124	5620	10.25	11.00	10.32	11.00	13.30	14.00	10.25	11.00	10.32	11.00	13.30	14.00	10.25	11.00	10.32	11.00	13.30	14.00	95.88
		132	5660	10.31	11.00	10.76	11.50	13.45	14.00	10.31	11.00	10.76	11.50	13.45	14.00	10.31	11.00	10.76	11.50	13.45	14.00	
		140	5700	10.08	11.00	10.21	11.00	13.16	14.00	10.08	11.00	10.21	11.00	13.16	14.00	10.08	11.00	10.21	11.00	13.16	14.00	
		144	5720	10.42	11.00	10.51	11.50	13.45	14.00	10.42	11.00	10.51	11.50	13.45	14.00	10.42	11.00	10.51	11.50	13.45	14.00	
	802.11n-HT40 MCS0	102	5510	9.85	10.50	10.00	11.00	13.02	14.00	9.85	10.50	10.00	11.00	13.02	14.00	9.85	10.50	10.00	11.00	13.02	14.00	
		110	5550	10.22	11.00	10.02	11.00	13.04	14.00	10.22	11.00	10.02	11.00	13.04	14.00	10.22	11.00	10.02	11.00	13.04	14.00	
		126	5630	9.51	10.50	9.66	10.50	12.57	13.50	9.51	10.50	9.66	10.50	12.57	13.50	9.51	10.50	9.66	10.50	12.57	13.50	92.52
		134	5670	9.59	10.50	10.02	11.00	13.02	14.00	9.59	10.50	10.02	11.00	13.02	14.00	9.59	10.50	10.02	11.00	13.02	14.00	
		142	5710	10.02	11.00	10.08	11.00	13.06	14.00	10.02	11.00	10.08	11.00	13.06	14.00	10.02	11.00	10.08	11.00	13.06	14.00	
	802.11ac-VHT20 MCS0	100	5500	10.13	11.00	10.28	11.00	13.22	14.00	10.13	11.00	10.28	11.00	13.22	14.00	10.13	11.00	10.28	11.00	13.22	14.00	
		116	5580	10.27	11.00	10.61	11.50	13.45	14.00	10.27	11.00	10.61	11.50	13.45	14.00	10.27	11.00	10.61	11.50	13.45	14.00	
		124	5620	10.32	11.00	10.34	11.00	13.34	14.00	10.32	11.00	10.34	11.00	13.34	14.00	10.32	11.00	10.34	11.00	13.34	14.00	
		132	5660	10.31	11.00	10.54	11.50	13.44	14.00	10.31	11.00	10.54	11.50	13.44	14.00	10.31	11.00	10.54	11.50	13.44	14.00	95.88
		140	5700	10.10	11.00	10.13	11.00	13.13	14.00	10.10	11.00	10.13	11.00	13.13	14.00	10.10	11.00	10.13	11.00	13.13	14.00	
		144	5720	10.41	11.00	10.46	11.00	13.45	14.00	10.41	11.00	10.46	11.00	13.45	14.00	10.41	11.00	10.46	11.00	13.45	14.00	
	802.11ac-VHT40 MCS0	102	5510	10.06	11.00	10.02	11.00	13.00	14.00	10.06	11.00	10.02	11.00	13.00	14.00	10.06	11.00	10.02	11.00	13.00	14.00	
		110	5550	10.21	11.00	10.05	11.00	13.06	14.00	10.21	11.00	10.05	11.00	13.06	14.00	10.21	11.00	10.05	11.00	13.06	14.00	
		126	5630	9.50	10.50	9.61	10.50	12.53	13.50	9.50	10.50	9.61	10.50	12.53	13.50	9.50	10.50	9.61	10.50	12.53	13.50	92.52
		134	5670	9.58	10.50	10.01	11.00	12.81	13.50	9.58	10.50	10.01	11.00	12.81	13.50	9.58	10.50	10.01	11.00	12.81	13.50	
		142	5710	9.96	10.50	10.07	11.00	13.03	14.00	9.96	10.50	10.07	11.00	13.03	14.00	9.96	10.50	10.07	11.00	13.03	14.00	
	802.11ac-VHT80 MCS0	106	5530	9.56	10.50	9.15	10.00	12.37	13.00	9.56	10.50	9.15	10.00	12.37	13.00	9.56	10.50	9.15	10.00	12.37	13.00	
		122	5610	9.17	10.00	9.26	10.00	12.23	13.00	9.17	10.00	9.26	10.00	12.23	13.00	9.17	10.00	9.26	10.00	12.23	13.00	86.90
		138	5690	9.55	10.50	9.84	10.50	12.71	13.50	9.55	10.50	9.84	10.50	12.71	13.50	9.55	10.50	9.84	10.50	12.71	13.50	
	802.11ax-HE20 MCS0	100	5500	10.16	11.00	10.28	11.00	13.23	14.00	10.16	11.00	10.28	11.00	13.23	14.00	10.16	11.00	10.28	11.00	13.23	14.00	
		116	5580	10.01	11.00	10.33	11.00	13.19	14.00	10.01	11.00	10.33	11.00	13.19	14.00	10.01	11.00	10.33	11.00	13.19	14.00	
		124	5620	9.63	10.50	10.33	11.00	13.01	14.00	9.63	10.50	10.33	11.00	13.01	14.00	9.63	10.50	10.33	11.00	13.01	14.00	
		132	5660	9.59	10.50	10.31	11.00	12.98	13.50	9.59	10.50	10.31	11.00	12.98	13.50	9.59	10.50	10.31	11.00	12.98	13.50	95.88
		140	5700	9.93	10.50	10.44	11.00	13.21	14.00	9.93	10.50	10.44	11.00	13.21	14.00	9.93	10.50	10.44	11.00	13.21	14.00	
		144	5720	10.08	11.00	10.79	11.50	13.46	14.00	10.08	11.00	10.79	11.50	13.46	14.00	10.08	11.00	10.79	11.50	13.46	14.00	
	802.11ax-HE40 MCS0	102	5510	10.21	11.00	10.03	11.00	13.13	14.00	10.21	11.00	10.03	11.00	13.13	14.00	10.21	11.00	10.03	11.00	13.13	14.00	
		110	5550	10.18	11.00	10.01	11.00	13.11	14.00	10.18	11.00	10.01	11.00	13.11	14.00	10.18	11.00	10.01	11.00	13.11	14.00	
		126	5630	10.06	11.00	9.94	10.50	13.01	14.00	10.06	11.00	9.94	10.50	13.01	14.00	10.06	11.00	9.94	10.50	13.01	14.00	92.52
		134	5670	9.82	10.50	10.46	11.00	13.16	14.00	9.82	10.50	10.46	11.00	13.16	14.00	9.82	10.50	10.46	11.00	13.16	14.00	
		142	5710	10.08	11.00	10.75	11.50	13.44	14.00	10.08	11.00	10.75	11.50	13.44	14.00	10.08	11.00	10.75	11.50	13.44	14.00	
	802.11ax-HE80 MCS0	106	5530	9.89	10.50	9.76	10.50	12.84	13.50	9.89	10.50	9.76	10.50	12.84	13.50	9.89	10

Bluetooth Power

Standalone

Mode	Channel	Frequency (MHz)	Ant.0		
			Average power (dBm)		
			DH5	2DH5	3DH5
BR / EDR	CH 00	2402	15.20	12.70	12.70
	CH 39	2441	15.00	12.60	12.60
	CH 78	2480	15.00	12.60	12.60
Tune-up Limit			16	13.5	13.5

Simultaneous

Mode	Channel	Frequency (MHz)	Ant.0		
			Average power (dBm)		
			DH5	2DH5	3DH5
BR / EDR	CH 00	2402	11.94	9.69	9.69
	CH 39	2441	11.86	9.50	9.55
	CH 78	2480	11.70	9.58	9.52
Tune-up Limit			12.5	10.5	10.5

BLE

Mode	Channel	Frequency (MHz)	Ant.0	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	6.70	6.90
	CH 19	2440	7.26	7.30
	CH 39	2480	6.59	6.70
Tune-up Limit			8	8