Full & Default Power Mode_Main PA

n5 Ant0 Default

BW [MHz]	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	25.29	25.29	25.29	25.7	0.0
20	PI/2 BPSK	1	53	25.31	25.28	25.24		
20	PI/2 BPSK	1	104	25.11	25.13	25.14		
20	PI/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5
20	PI/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0
20	PI/2 BPSK	50	56	24.62	24.72	24.63	25.2	0.5
20	PI/2 BPSK	100	0	24.82	24.77	24.82		
20	QPSK	1	1	25.29	25.33	25.27	25.7	0.0
20	QPSK	1	53	25.32	25.32	25.24		
20	QPSK	1	104	25.13	25.09	25.09		
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0
20	QPSK	50	56	24.15	24.08	24.08	24.7	1.0
20	QPSK	100	0	24.26	24.29	24.28		
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0

n12 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	25.39	25.39	25.48	25.7	0.0
15	PI/2 BPSK	1	40	25.41	25.43	25.38		
15	PI/2 BPSK	1	77	25.32	25.35	25.29		
15	PI/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5
15	PI/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0
15	PI/2 BPSK	36	43	24.84	24.80	24.79	25.2	0.5
15	PI/2 BPSK	75	0	24.93	24.99	24.90		
15	QPSK	1	1	25.47	25.52	25.48	25.7	0.0
15	QPSK	1	40	25.48	25.43	25.38		
15	QPSK	1	77	25.33	25.24	25.26		
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0
15	QPSK	36	43	24.33	24.27	24.23	24.7	1.0
15	QPSK	75	0	24.48	24.52	24.45		
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5
	256QAM	1	1	20.71	20.73	20.66	21.2	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0

n26 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.34	25.35	25.33	25.7	0.0
20	PI/2 BPSK	1	53	25.25	25.30	25.28		
20	PI/2 BPSK	1	104	25.19	25.11	25.09		
20	PI/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5
20	PI/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0
20	PI/2 BPSK	50	56	24.68	24.74	24.73	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.79	24.79		
20	QPSK	1	1	25.35	25.39	25.37	25.7	0.0
20	QPSK	1	53	25.36	25.33	25.27		
20	QPSK	1	104	25.14	25.14	25.09		
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0
20	QPSK	50	56	24.05	24.09	24.09	24.7	1.0
20	QPSK	100	0	24.35	24.36	24.29		
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.24	25.33	25.33	25.7	0.0

n71 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		25.24		25.7	0.0
35	π/2 BPSK	1	90		25.14			
35	π/2 BPSK	1	186		25.10			
35	π/2 BPSK	90	0		24.60		25.2	0.5
35	π/2 BPSK	90	45		25.20		25.7	0.0
35	π/2 BPSK	90	90		24.58		25.2	0.5
35	π/2 BPSK	180	0		24.70			
35	QPSK	1	1		25.25		25.7	0.0
35	QPSK	1	90		25.18			
35	QPSK	1	186		25.00			
35	QPSK	90	0		24.16		24.7	1.0
35	QPSK	90	45		25.21		25.7	0.0
35	QPSK	90	90		24.06		24.7	1.0
35	QPSK	180	0		24.23			
35	16QAM	1	1		24.04		24.7	1.0
35	64QAM	1	1		22.54		23.2	2.5
35	256QAM	1	1		20.48		21.2	4.5
Channel				135600	136100	136600	Tune-up limit	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10	25.7	0.0
Channel				135100	136100	137100	Tune-up limit	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18	25.7	0.0
Channel				134600	136100	137600	Tune-up limit	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15	25.7	0.0
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08	25.7	0.0

n5 Ant1 Default

BW [MHz]	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	π/2 BPSK	1	1	25.38	25.44	25.45	25.7	0.0
20	π/2 BPSK	1	53	25.39	25.48	25.34		
20	π/2 BPSK	1	104	25.37	25.35	25.24		
20	π/2 BPSK	50	0	24.91	24.81	24.90	25.2	0.5
20	π/2 BPSK	50	28	25.39	25.38	25.46	25.7	0.0
20	π/2 BPSK	50	56	24.83	24.86	24.80	25.2	0.5
20	π/2 BPSK	100	0	24.90	24.98	24.84		
20	QPSK	1	1	25.56	25.62	25.53	25.7	0.0
20	QPSK	1	53	25.49	25.48	25.38		
20	QPSK	1	104	25.30	25.22	25.25		
20	QPSK	50	0	24.31	24.45	24.40	24.7	1.0
20	QPSK	50	28	25.41	25.57	25.45	25.7	0.0
20	QPSK	50	56	24.28	24.24	24.18	24.7	1.0
20	QPSK	100	0	24.53	24.56	24.46		
20	16QAM	1	1	24.31	24.34	24.31	24.7	1.0
20	64QAM	1	1	22.82	22.79	22.86	23.2	2.5
20	256QAM	1	1	20.65	20.69	20.64	21.2	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.50	25.46	25.45	25.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.51	25.50	25.44	25.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.49	25.56	25.44	25.7	0.0

n12 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	π/2 BPSK	1	1	25.39	25.38	25.49	25.7	0.0
15	π/2 BPSK	1	40	25.47	25.40	25.39		
15	π/2 BPSK	1	77	25.27	25.39	25.30		
15	π/2 BPSK	36	0	24.89	24.82	24.86	25.2	0.5
15	π/2 BPSK	36	22	25.38	25.43	25.41	25.7	0.0
15	π/2 BPSK	36	43	24.89	24.85	24.80	25.2	0.5
15	π/2 BPSK	75	0	24.89	24.94	24.93		
15	QPSK	1	1	25.54	25.63	25.57	25.7	0.0
15	QPSK	1	40	25.53	25.41	25.40		
15	QPSK	1	77	25.35	25.30	25.32		
15	QPSK	36	0	24.36	24.41	24.37	24.7	1.0
15	QPSK	36	22	25.51	25.58	25.49	25.7	0.0
15	QPSK	36	43	24.33	24.31	24.28	24.7	1.0
15	QPSK	75	0	24.53	24.55	24.49		
15	16QAM	1	1	24.23	24.40	24.28	24.7	1.0
15	64QAM	1	1	22.81	22.69	22.80	23.2	2.5
	256QAM	1	1	20.72	20.70	20.70	21.2	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	25.53	25.51	25.49	25.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	25.48	25.53	25.52	25.7	0.0

n26 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	π/2 BPSK	1	1	25.41	25.38	25.46	25.7	0.0
20	π/2 BPSK	1	53	25.41	25.39	25.37		
20	π/2 BPSK	1	104	25.28	25.37	25.32		
20	π/2 BPSK	50	0	24.89	24.78	24.87	25.2	0.5
20	π/2 BPSK	50	28	25.46	25.35	25.42	25.7	0.0
20	π/2 BPSK	50	56	24.83	24.79	24.81	25.2	0.5
20	π/2 BPSK	100	0	24.96	24.96	24.93		
20	QPSK	1	1	25.54	25.57	25.55	25.7	0.0
20	QPSK	1	53	25.48	25.45	25.33		
20	QPSK	1	104	25.30	25.28	25.23		
20	QPSK	50	0	24.33	24.48	24.40	24.7	1.0
20	QPSK	50	28	25.44	25.51	25.49	25.7	0.0
20	QPSK	50	56	24.29	24.26	24.27	24.7	1.0
20	QPSK	100	0	24.46	24.52	24.49		
20	16QAM	1	1	24.24	24.33	24.36	24.7	1.0
20	64QAM	1	1	22.79	22.75	22.85	23.2	2.5
20	256QAM	1	1	20.66	20.78	20.69	21.2	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.52	25.46	25.46	25.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.42	25.48	25.44	25.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.43	25.51	25.45	25.7	0.0

n71 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		25.24		25.7	0.0
35	π/2 BPSK	1	90		25.18			
35	π/2 BPSK	1	186		25.18			
35	π/2 BPSK	90	0		24.69		25.2	0.5
35	π/2 BPSK	90	45		25.19		25.7	0.0
35	π/2 BPSK	90	90		24.55		25.2	0.5
35	π/2 BPSK	180	0		24.82			
35	QPSK	1	1		25.32		25.7	0.0
35	QPSK	1	90		25.24			
35	QPSK	1	186		25.10			
35	QPSK	90	0		24.25		24.7	1.0
35	QPSK	90	45		25.28		25.7	0.0
35	QPSK	90	90		24.10		24.7	1.0
35	QPSK	180	0		24.24			
35	16QAM	1	1		24.18		24.7	1.0
35	64QAM	1	1		22.47		23.2	2.5
35	256QAM	1	1		20.55		21.2	4.5
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.21	25.16	25.23	25.7	0.0
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.17	25.19	25.22	25.7	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.21	25.19	25.19	25.7	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.19	25.25	25.19	25.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.22	25.26	25.25	25.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.18	25.17	25.26	25.7	0.0

n2 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	24.14	24.27	24.14	25.0	0.0
40	π/2 BPSK	1	108	24.21	24.33	24.21		
40	π/2 BPSK	1	214	24.29	24.42	24.38		
40	π/2 BPSK	108	0	23.83	23.87	23.74	24.5	0.5
40	π/2 BPSK	108	54	24.31	24.36	24.27	25.0	0.0
40	π/2 BPSK	108	108	24.03	24.05	23.93	24.5	0.5
40	π/2 BPSK	216	0	23.91	24.03	23.91		
40	QPSK	1	1	24.57	24.62	24.54	25.0	0.0
40	QPSK	1	108	24.36	24.45	24.33		
40	QPSK	1	214	24.44	24.52	24.41		
40	QPSK	108	0	23.32	23.43	23.32	24.0	1.0
40	QPSK	108	54	24.43	24.54	24.45	25.0	0.0
40	QPSK	108	108	23.52	23.57	23.49	24.0	1.0
40	QPSK	216	0	23.54	23.64	23.58		
40	16QAM	1	1	23.20	23.29	23.17	24.0	1.0
40	64QAM	1	1	21.62	21.72	21.67	22.5	2.5
40	256QAM	1	1	19.56	19.67	19.61	20.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	24.48	24.56	24.44	25.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	24.50	24.55	24.49	25.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	24.52	24.50	24.48	25.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	24.44	24.58	24.41	25.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.51	24.58	24.47	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.55	24.59	24.42	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.43	24.59	24.49	25.0	0.0

n7 Ant5 Default

BW [MHz]	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	π/2 BPSK	1	1	25.32	25.35	25.23	25.5	0.0
50	π/2 BPSK	1	135	25.22	25.24	25.16		
50	π/2 BPSK	1	268	25.24	25.30	25.22		
50	π/2 BPSK	135	0	24.77	24.86	24.76	25.0	0.5
50	π/2 BPSK	135	68	25.20	25.33	25.29	25.5	0.0
50	π/2 BPSK	135	135	24.83	24.88	24.86	25.0	0.5
50	π/2 BPSK	270	0	24.71	24.79	24.70		
50	QPSK	1	1	25.33	25.36	25.31	25.5	0.0
50	QPSK	1	135	24.85	24.99	24.91		
50	QPSK	1	268	24.91	25.01	24.99		
50	QPSK	135	0	24.31	24.44	24.42	24.5	1.0
50	QPSK	135	68	25.28	25.31	25.27	25.5	0.0
50	QPSK	135	135	24.35	24.43	24.38	24.5	1.0
50	QPSK	270	0	24.34	24.42	24.30		
50	16QAM	1	1	24.24	24.36	24.29	24.5	1.0
50	64QAM	1	1	22.75	22.81	22.67	23.0	2.5
50	256QAM	1	1	20.83	20.88	20.81	21.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.27	25.29	25.21	25.5	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	25.19	25.31	25.21	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.19	25.34	25.24	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.27	25.33	25.20	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	25.29	25.26	25.20	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.20	25.24	25.26	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.26	25.28	25.20	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.29	25.33	25.22	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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	24.24	24.31	24.22	25.0	0.0
40	π/2 BPSK	1	108	24.21	24.28	24.25		
40	π/2 BPSK	1	214	24.19	24.23	24.13		
40	π/2 BPSK	108	0	23.72	23.84	23.72	24.5	0.5
40	π/2 BPSK	108	54	24.37	24.39	24.34	25.0	0.0
40	π/2 BPSK	108	108	24.01	24.06	23.97	24.5	0.5
40	π/2 BPSK	216	0	24.03	24.12	24.06		
40	QPSK	1	1	24.40	24.44	24.42	25.0	0.0
40	QPSK	1	108	24.14	24.27	24.23		
40	QPSK	1	214	24.23	24.31	24.27		
40	QPSK	108	0	23.34	23.39	23.36	24.0	1.0
40	QPSK	108	54	24.30	24.42	24.35	25.0	0.0
40	QPSK	108	108	23.48	23.54	23.48	24.0	1.0
40	QPSK	216	0	23.55	23.63	23.61		
40	16QAM	1	1	23.13	23.24	23.16	24.0	1.0
40	64QAM	1	1	21.55	21.65	21.51	22.5	2.5
40	256QAM	1	1	19.58	19.63	19.58	20.5	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	24.35	24.30	24.38	25.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.38	24.30	24.32	25.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.36	24.31	24.32	25.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.34	24.31	24.36	25.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.29	24.34	24.30	25.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.30	24.39	24.36	25.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.35	24.38	24.31	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	25.39	25.43	25.36	25.7	0.0
45	π/2 BPSK	1	120	25.22	25.24	25.22		
45	π/2 BPSK	1	240	25.12	25.23	25.15		
45	π/2 BPSK	120	0	24.82	24.92	24.86	25.2	0.5
45	π/2 BPSK	120	60	25.14	25.26	25.22	25.7	0.0
45	π/2 BPSK	120	120	24.69	24.79	24.75	25.2	0.5
45	π/2 BPSK	240	0	24.85	24.92	24.86		
45	QPSK	1	1	25.41	25.44	25.39	25.7	0.0
45	QPSK	1	120	25.19	25.26	25.24		
45	QPSK	1	240	25.36	25.38	25.30		
45	QPSK	120	0	24.30	24.42	24.28	24.7	1.0
45	QPSK	120	60	25.33	25.38	25.33	25.7	0.0
45	QPSK	120	120	24.28	24.36	24.28	24.7	1.0
45	QPSK	240	0	24.38	24.41	24.31		
45	16QAM	1	1	24.26	24.33	24.29	24.7	1.0
45	64QAM	1	1	22.83	22.86	22.72	23.2	2.5
45	256QAM	1	1	20.78	20.83	20.80	21.2	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	25.35	25.28	25.34	25.7	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	25.30	25.36	25.35	25.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.29	25.37	25.32	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.36	25.39	25.28	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	25.33	25.37	25.35	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.29	25.30	25.36	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.30	25.40	25.30	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	25.31	25.40	25.26	25.7	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	π/2 BPSK	1	1	25.27	25.34	25.31	25.7	0.0
40	π/2 BPSK	1	53	25.07	25.18	25.12		
40	π/2 BPSK	1	104	25.09	25.21	25.17		
40	π/2 BPSK	50	0	24.69	24.79	24.77	25.2	0.5
40	π/2 BPSK	50	28	25.21	25.30	25.18	25.7	0.0
40	π/2 BPSK	50	56	24.57	24.71	24.66	25.2	0.5
40	π/2 BPSK	100	0	24.69	24.81	24.75		
40	QPSK	1	1	25.35	25.38	25.34	25.7	0.0
40	QPSK	1	53	25.13	25.21	25.10		
40	QPSK	1	104	25.24	25.28	25.16		
40	QPSK	50	0	24.24	24.29	24.26	24.7	1.0
40	QPSK	50	28	25.21	25.33	25.24	25.7	0.0
40	QPSK	50	56	24.19	24.24	24.19	24.7	1.0
40	QPSK	100	0	24.17	24.29	24.23		
40	16QAM	1	1	24.20	24.28	24.18	24.7	1.0
40	64QAM	1	1	22.75	22.78	22.70	23.2	2.5
40	256QAM	1	1	20.55	20.68	20.62	21.2	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	25.19	25.22	25.27	25.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	25.26	25.30	25.19	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.27	25.29	25.21	25.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	25.20	25.24	25.30	25.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	25.22	25.31	25.30	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	25.40	25.44	25.35	26.0	0.0
100	π/2 BPSK	1	137	25.35	25.47	25.45		
100	π/2 BPSK	1	271	25.32	25.40	25.27		
100	π/2 BPSK	135	0	24.88	24.94	24.87	25.5	0.5
100	π/2 BPSK	135	69	25.43	25.48	25.37	26.0	0.0
100	π/2 BPSK	135	138	24.94	25.04	24.95	25.5	0.5
100	π/2 BPSK	270	0	24.84	24.97	24.94		
100	QPSK	1	1	25.46	25.50	25.44	26.0	0.0
100	QPSK	1	137	25.41	25.49	25.41		
100	QPSK	1	271	25.41	25.46	25.35		
100	QPSK	135	0	24.37	24.45	24.36	25.0	1.0
100	QPSK	135	69	25.44	25.48	25.39	26.0	0.0
100	QPSK	135	138	24.35	24.48	24.39	25.0	1.0
100	QPSK	270	0	24.30	24.41	24.31		
100	16QAM	1	1	24.45	24.47	24.36	25.0	1.0
100	64QAM	1	1	22.87	22.91	22.83	23.5	2.5
100	256QAM	1	1	20.77	20.86	20.75	21.5	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.32	25.42	25.41	26.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.40	25.37	25.36	26.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.37	25.44	25.35	26.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	25.35	25.38	25.40	26.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.38	25.46	25.32	26.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	25.40	25.41	25.31	26.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.37	25.47	25.40	26.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	25.31	25.38	25.33	26.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.40	25.41	25.37	26.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	25.36	25.39	25.29	26.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.40	25.37	25.42	26.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	25.43	25.39	25.30	26.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.42	25.44	25.40	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	23.19	23.31	23.18	24.5	0.0
40	π/2 BPSK	1	53	23.28	23.33	23.23		
40	π/2 BPSK	1	104	23.27	23.34	23.24		
40	π/2 BPSK	50	0	22.89	22.91	22.85	24.0	0.5
40	π/2 BPSK	50	28	23.32	23.36	23.29	24.5	0.0
40	π/2 BPSK	50	56	22.95	22.98	22.90	24.0	0.5
40	π/2 BPSK	100	0	22.83	22.92	22.79		
40	QPSK	1	1	23.42	23.46	23.39	24.5	0.0
40	QPSK	1	53	23.24	23.29	23.17		
40	QPSK	1	104	23.25	23.34	23.31		
40	QPSK	50	0	22.33	22.42	22.32	23.5	1.0
40	QPSK	50	28	23.27	23.31	23.21	24.5	0.0
40	QPSK	50	56	22.32	22.36	22.29	23.5	1.0
40	QPSK	100	0	22.33	22.37	22.30		
40	16QAM	1	1	22.18	22.31	22.20	23.5	1.0
40	64QAM	1	1	20.76	20.79	20.71	22.0	2.5
40	256QAM	1	1	18.72	18.85	18.80	20.0	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.37	23.35	23.37	24.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.38	23.43	23.29	24.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.33	23.32	23.32	24.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.36	23.38	23.37	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	π/2 BPSK	1	1	25.46	25.60	25.53	26.0	0.0
100	π/2 BPSK	1	137	25.50	25.55	25.48		
100	π/2 BPSK	1	271	25.57	25.60	25.53		
100	π/2 BPSK	135	0	25.41	25.51	25.43	26.0	0.0
100	π/2 BPSK	135	69	25.41	25.40	25.32	26.0	0.0
100	π/2 BPSK	135	138	25.62	25.56	25.43	26.0	0.0
100	π/2 BPSK	270	0	25.41	25.49	25.37		
100	QPSK	1	1	25.61	25.66	25.58	26.0	0.0
100	QPSK	1	137	25.46	25.57	25.37		
100	QPSK	1	271	25.56	25.65	25.42		
100	QPSK	135	0	25.24	25.60	25.30	26.0	0.0
100	QPSK	135	69	25.56	25.61	25.48	26.0	0.0
100	QPSK	135	138	25.33	25.38	25.37	26.0	0.0
100	QPSK	270	0	25.52	25.53	25.46		
100	16QAM	1	1	25.53	25.63	25.43	26.0	0.0
100	64QAM	1	1	24.96	25.04	24.94	25.5	0.5
100	256QAM	1	1	22.85	22.99	22.86	23.5	2.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.40	25.36	25.35	26.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.29	25.42	25.39	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.37	25.40	25.37	26.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.39	25.45	25.33	26.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.36	25.45	25.36	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.33	25.38	25.31	26.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.33	25.37	25.32	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.36	25.45	25.39	26.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.34	25.43	25.31	26.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.37	25.43	25.38	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.31	25.41	25.40	26.0	0.0

Part27O n77 PC2 Ant5 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1	27.69	27.74	27.59	28.5	0.0
100	π/2 BPSK	1	137	27.57	27.64	27.50		
100	π/2 BPSK	1	271	27.54	27.64	27.53		
100	π/2 BPSK	135	0	27.12	27.21	27.10	28.0	0.5
100	π/2 BPSK	135	69	27.55	27.72	27.65	28.5	0.0
100	π/2 BPSK	135	138	27.06	27.13	27.02	28.0	0.5
100	π/2 BPSK	270	0	27.06	27.10	27.08		
100	QPSK	1	1	27.67	27.80	27.74	28.5	0.0
100	QPSK	1	137	27.52	27.67	27.48		
100	QPSK	1	271	27.65	27.70	27.68		
100	QPSK	135	0	26.45	26.61	26.51	27.5	1.0
100	QPSK	135	69	27.58	27.61	27.59	28.5	0.0
100	QPSK	135	138	26.62	26.64	26.51	27.5	1.0
100	QPSK	270	0	26.69	26.71	26.67		
100	16QAM	1	1	26.65	26.63	26.57	27.5	1.0
100	64QAM	1	1	25.16	25.33	25.17	26.0	2.5
100	256QAM	1	1	23.31	23.35	23.25	24.0	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	27.63	27.72	27.62	28.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	27.57	27.74	27.65	28.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.54	27.67	27.59	28.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.56	27.75	27.67	28.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	27.62	27.74	27.60	28.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.54	27.75	27.67	28.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.55	27.73	27.69	28.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.60	27.68	27.58	28.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.55	27.73	27.64	28.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	27.60	27.69	27.68	28.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.59	27.69	27.66	28.5	0.0

Part27Q n77 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.08		26.0	0.0
100	π/2 BPSK	1	137		24.82			
100	π/2 BPSK	1	271		24.88			
100	π/2 BPSK	135	0		24.92		26.0	0.0
100	π/2 BPSK	135	69		24.85		26.0	0.0
100	π/2 BPSK	135	138		24.81		26.0	0.0
100	π/2 BPSK	270	0		24.91			
100	QPSK	1	1		25.11		26.0	0.0
100	QPSK	1	137		24.92			
100	QPSK	1	271		24.85			
100	QPSK	135	0		24.77		26.0	0.0
100	QPSK	135	69		24.88		26.0	0.0
100	QPSK	135	138		24.72		26.0	0.0
100	QPSK	270	0		24.82			
100	16QAM	1	1		24.91		26.0	0.0
100	64QAM	1	1		24.47		25.5	0.5
100	256QAM	1	1		22.41		23.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.97	25.03	25.05	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.98	25.03	25.06	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.00	25.01	24.98	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.98	24.97	25.05	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.06	25.02	25.02	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.05	24.96	25.05	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.05	24.98	25.03	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.04	25.06	25.06	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.98	25.01	25.00	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.05	24.99	25.01	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.98	24.98	24.97	26.0	0.0

Part27Q n77 PC2 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		26.97		28.5	0.0
100	π/2 BPSK	1	137		26.74			
100	π/2 BPSK	1	271		26.93			
100	π/2 BPSK	135	0		26.35		28.0	0.5
100	π/2 BPSK	135	69		26.84		28.5	0.0
100	π/2 BPSK	135	138		26.28		28.0	0.5
100	π/2 BPSK	270	0		26.20			
100	QPSK	1	1		27.06		28.5	0.0
100	QPSK	1	137		26.79			
100	QPSK	1	271		26.82			
100	QPSK	135	0		25.85		27.5	1.0
100	QPSK	135	69		26.75		28.5	0.0
100	QPSK	135	138		25.78		27.5	1.0
100	QPSK	270	0		25.81			
100	16QAM	1	1		25.89		27.5	1.0
100	64QAM	1	1		25.42		26.0	2.5
100	256QAM	1	1		22.48		24.0	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.01	26.96	27.02	28.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.01	26.94	26.96	28.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.97	27.00	26.91	28.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.92	26.95	26.91	28.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.99	26.98	26.96	28.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.96	26.98	26.96	28.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.90	26.95	27.00	28.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.97	26.99	26.90	28.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.00	26.96	26.97	28.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.99	26.94	26.95	28.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.97	26.96	26.95	28.5	0.0

Part27O n78 Ant5 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		25.55		26.0	0.0
100	π/2 BPSK	1	137		25.58			
100	π/2 BPSK	1	271		25.68			
100	π/2 BPSK	135	0		25.52		26.0	0.0
100	π/2 BPSK	135	69		25.53		26.0	0.0
100	π/2 BPSK	135	138		25.58		26.0	0.0
100	π/2 BPSK	270	0		25.47			
100	QPSK	1	1		25.69		26.0	0.0
100	QPSK	1	137		25.45			
100	QPSK	1	271		25.61			
100	QPSK	135	0		25.51		26.0	0.0
100	QPSK	135	69		25.58		26.0	0.0
100	QPSK	135	138		25.42		26.0	0.0
100	QPSK	270	0		25.56			
100	16QAM	1	1		25.51		26.0	0.0
100	64QAM	1	1		25.03		25.5	0.5
100	256QAM	1	1		22.95		23.5	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.48	25.55	25.51	26.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.46	25.51	25.45	26.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.47	25.49	25.47	26.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.50	25.49	25.46	26.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.50	25.54	25.50	26.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.50	25.57	25.53	26.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.42	25.48	25.44	26.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.43	25.57	25.50	26.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.51	25.49	25.47	26.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.43	25.52	25.43	26.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.49	25.49	25.54	26.0	0.0

Part27O n78 PC2 Ant5 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		27.59		28.5	0.0
100	π/2 BPSK	1	137		27.57			
100	π/2 BPSK	1	271		27.62			
100	π/2 BPSK	135	0		27.19		28.0	0.5
100	π/2 BPSK	135	69		27.63		28.5	0.0
100	π/2 BPSK	135	138		27.15		28.0	0.5
100	π/2 BPSK	270	0		27.17			
100	QPSK	1	1		27.68		28.5	0.0
100	QPSK	1	137		27.57			
100	QPSK	1	271		27.61			
100	QPSK	135	0		26.52		27.5	1.0
100	QPSK	135	69		27.54		28.5	0.0
100	QPSK	135	138		26.65		27.5	1.0
100	QPSK	270	0		26.67			
100	16QAM	1	1		26.63		27.5	1.0
100	64QAM	1	1		25.06		26.0	2.5
100	256QAM	1	1		23.12		24.0	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.52	27.59	27.56	28.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.49	27.54	27.59	28.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.53	27.62	27.52	28.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.45	27.56	27.59	28.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.46	27.55	27.53	28.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.53	27.61	27.54	28.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.51	27.55	27.57	28.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.54	27.59	27.56	28.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.48	27.63	27.49	28.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.52	27.60	27.53	28.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.54	27.60	27.50	28.5	0.0

Part27Q n78 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.46		26.0	0.0
100	π/2 BPSK	1	137		25.28			
100	π/2 BPSK	1	271		25.31			
100	π/2 BPSK	135	0		25.37		26.0	0.0
100	π/2 BPSK	135	69		25.25		26.0	0.0
100	π/2 BPSK	135	138		25.17		26.0	0.0
100	π/2 BPSK	270	0		25.27			
100	QPSK	1	1		25.55		26.0	0.0
100	QPSK	1	137		25.23			
100	QPSK	1	271		25.37			
100	QPSK	135	0		25.21		26.0	0.0
100	QPSK	135	69		25.24		26.0	0.0
100	QPSK	135	138		25.23		26.0	0.0
100	QPSK	270	0		25.43			
100	16QAM	1	1		25.45		26.0	0.0
100	64QAM	1	1		24.92		25.5	0.5
100	256QAM	1	1		22.90		23.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.41	25.46	25.44	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.44	25.45	25.43	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.45	25.51	25.51	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.42	25.40	25.50	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.51	25.39	25.42	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.42	25.47	25.43	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.41	25.41	25.40	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.45	25.49	25.42	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.49	25.43	25.39	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.43	25.40	25.45	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.47	25.42	25.41	26.0	0.0

Part27Q n78 PC2 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.36		28.5	0.0
100	π/2 BPSK	1	137		27.10			
100	π/2 BPSK	1	271		27.21			
100	π/2 BPSK	135	0		26.65		28.0	0.5
100	π/2 BPSK	135	69		27.12		28.5	0.0
100	π/2 BPSK	135	138		26.64		28.0	0.5
100	π/2 BPSK	270	0		26.59			
100	QPSK	1	1		27.52		28.5	0.0
100	QPSK	1	137		27.01			
100	QPSK	1	271		27.14			
100	QPSK	135	0		26.12		27.5	1.0
100	QPSK	135	69		27.36		28.5	0.0
100	QPSK	135	138		26.16		27.5	1.0
100	QPSK	270	0		26.20			
100	16QAM	1	1		26.22		27.5	1.0
100	64QAM	1	1		24.99		26.0	2.5
100	256QAM	1	1		22.94		24.0	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.37	27.42	27.45	28.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.42	27.41	27.37	28.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.40	27.42	27.45	28.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.46	27.38	27.45	28.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.46	27.42	27.46	28.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.45	27.40	27.39	28.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.43	27.44	27.47	28.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.40	27.44	27.37	28.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.37	27.38	27.39	28.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.37	27.39	27.47	28.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.42	27.42	27.46	28.5	0.0

n2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	21.11	21.08	20.98	22.4	0.0
40	π/2 BPSK	1	108	21.07	21.12	21.05		
40	π/2 BPSK	1	214	21.07	21.11	21.03		
40	π/2 BPSK	108	0	20.69	20.65	20.60	21.9	0.5
40	π/2 BPSK	108	54	21.06	21.10	20.99	22.4	0.0
40	π/2 BPSK	108	108	20.65	20.62	20.63	21.9	0.5
40	π/2 BPSK	216	0	20.68	20.61	20.56		
40	QPSK	1	1	21.14	21.15	21.11	22.4	0.0
40	QPSK	1	108	21.05	21.08	21.00		
40	QPSK	1	214	21.00	21.04	21.04		
40	QPSK	108	0	20.10	20.13	20.13	21.4	1.0
40	QPSK	108	54	21.11	21.12	21.04	22.4	0.0
40	QPSK	108	108	20.13	20.16	20.12	21.4	1.0
40	QPSK	216	0	20.20	20.21	20.11		
40	16QAM	1	1	20.11	20.18	20.17	21.4	1.0
40	64QAM	1	1	18.68	18.71	18.66	19.9	2.5
40	256QAM	1	1	16.59	16.70	16.60	17.9	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.08	21.06	20.95	22.4	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.00	21.08	21.00	22.4	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.06	21.13	21.08	22.4	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.10	21.12	21.03	22.4	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.01	21.13	21.01	22.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.06	21.06	20.99	22.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.10	21.08	21.02	22.4	0.0

n7 Ant4 Default

BW [MHz]	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	π/2 BPSK	1	1	22.93	22.95	22.89	24.3	0.0
50	π/2 BPSK	1	135	22.85	22.92	22.85		
50	π/2 BPSK	1	268	22.76	22.87	22.77		
50	π/2 BPSK	135	0	22.47	22.51	22.39	23.8	0.5
50	π/2 BPSK	135	68	22.83	22.94	22.86	24.3	0.0
50	π/2 BPSK	135	135	22.23	22.34	22.30	23.8	0.5
50	π/2 BPSK	270	0	22.36	22.41	22.33		
50	QPSK	1	1	22.96	22.99	22.89	24.3	0.0
50	QPSK	1	135	22.83	22.90	22.76		
50	QPSK	1	268	22.83	22.86	22.82		
50	QPSK	135	0	21.88	21.93	21.82	23.3	1.0
50	QPSK	135	68	22.92	22.97	22.86	24.3	0.0
50	QPSK	135	135	21.88	21.92	21.89	23.3	1.0
50	QPSK	270	0	21.93	21.96	21.84		
50	16QAM	1	1	21.82	21.86	21.77	23.3	1.0
50	64QAM	1	1	20.32	20.41	20.36	21.8	2.5
50	256QAM	1	1	18.28	18.37	18.29	19.8	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.91	22.89	22.82	24.3	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.89	22.94	22.76	24.3	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.89	22.90	22.75	24.3	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.84	22.94	22.83	24.3	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	22.92	22.88	22.85	24.3	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.85	22.93	22.85	24.3	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.92	22.88	22.79	24.3	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.90	22.85	22.79	24.3	0.0

n25 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	20.93	20.96	21.00	22.4	0.0
40	π/2 BPSK	1	108	21.01	21.02	21.04		
40	π/2 BPSK	1	214	21.00	20.99	20.95		
40	π/2 BPSK	108	0	20.55	20.58	20.62	21.9	0.5
40	π/2 BPSK	108	54	20.98	21.02	20.93	22.4	0.0
40	π/2 BPSK	108	108	20.58	20.62	20.55	21.9	0.5
40	π/2 BPSK	216	0	20.51	20.63	20.53		
40	QPSK	1	1	21.04	21.08	21.07	22.4	0.0
40	QPSK	1	108	21.02	21.02	20.97		
40	QPSK	1	214	20.97	20.99	21.01		
40	QPSK	108	0	20.07	20.09	20.03	21.4	1.0
40	QPSK	108	54	21.00	21.05	20.96	22.4	0.0
40	QPSK	108	108	20.06	20.08	20.12	21.4	1.0
40	QPSK	216	0	20.05	20.10	20.02		
40	16QAM	1	1	19.99	20.05	20.06	21.4	1.0
40	64QAM	1	1	18.55	18.56	18.57	19.9	2.5
40	256QAM	1	1	16.51	16.63	16.58	17.9	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	20.99	21.04	20.98	22.4	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.92	20.99	21.04	22.4	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.94	20.97	21.04	22.4	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.01	20.98	21.05	22.4	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.90	20.97	20.95	22.4	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.97	20.95	21.02	22.4	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.97	20.97	21.00	22.4	0.0

n66 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	21.78	21.86	21.74	22.9	0.0
45	π/2 BPSK	1	120	21.57	21.68	21.55		
45	π/2 BPSK	1	240	21.75	21.78	21.71		
45	π/2 BPSK	120	0	21.23	21.31	21.20	22.4	0.5
45	π/2 BPSK	120	60	21.71	21.76	21.66	22.9	0.0
45	π/2 BPSK	120	120	21.07	21.18	21.15	22.4	0.5
45	π/2 BPSK	240	0	21.17	21.29	21.18		
45	QPSK	1	1	21.89	21.92	21.85	22.9	0.0
45	QPSK	1	120	21.68	21.74	21.66		
45	QPSK	1	240	21.58	21.69	21.60		
45	QPSK	120	0	20.80	20.83	20.71	21.9	1.0
45	QPSK	120	60	21.79	21.83	21.73	22.9	0.0
45	QPSK	120	120	20.72	20.76	20.70	21.9	1.0
45	QPSK	240	0	20.84	20.88	20.84		
45	16QAM	1	1	20.68	20.73	20.59	21.9	1.0
45	64QAM	1	1	19.16	19.22	19.13	20.4	2.5
45	256QAM	1	1	17.11	17.23	17.21	18.4	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.76	21.87	21.78	22.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.83	21.79	21.78	22.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.78	21.83	21.74	22.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.84	21.84	21.76	22.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.80	21.81	21.71	22.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.77	21.86	21.80	22.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.86	21.89	21.72	22.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.77	21.85	21.75	22.9	0.0

n38 Ant4 Default

BW [MHz]	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	π/2 BPSK	1	1	23.39	23.43	23.34	24.6	0.0
40	π/2 BPSK	1	53	23.06	23.22	23.08		
40	π/2 BPSK	1	104	23.07	23.13	23.00		
40	π/2 BPSK	50	0	22.78	22.88	22.83	24.1	0.5
40	π/2 BPSK	50	28	23.29	23.36	23.20	24.6	0.0
40	π/2 BPSK	50	56	22.58	22.70	22.70	24.1	0.5
40	π/2 BPSK	100	0	22.81	22.91	22.77		
40	QPSK	1	1	23.56	23.60	23.51	24.6	0.0
40	QPSK	1	53	23.22	23.31	23.21		
40	QPSK	1	104	23.13	23.27	23.21		
40	QPSK	50	0	22.23	22.43	22.31	23.6	1.0
40	QPSK	50	28	23.36	23.37	23.36	24.6	0.0
40	QPSK	50	56	22.18	22.23	22.21	23.6	1.0
40	QPSK	100	0	22.38	22.39	22.29		
40	16QAM	1	1	22.28	22.51	22.36	23.6	1.0
40	64QAM	1	1	20.87	20.92	20.80	22.1	2.5
40	256QAM	1	1	18.88	18.88	18.91	20.1	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.49	23.52	23.44	24.6	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.48	23.45	23.40	24.6	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.46	23.50	23.40	24.6	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.50	23.46	23.45	24.6	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.50	23.51	23.37	24.6	0.0

n41 Ant4 Default

BW [MHz]	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	π/2 BPSK	1	1	23.45	23.43	23.35	24.8	0.0
100	π/2 BPSK	1	137	23.29	23.42	23.38		
100	π/2 BPSK	1	271	23.32	23.44	23.28		
100	π/2 BPSK	135	0	22.83	22.92	22.77	24.3	0.5
100	π/2 BPSK	135	69	23.35	23.37	23.18	24.8	0.0
100	π/2 BPSK	135	138	22.48	22.61	22.59	24.3	0.5
100	π/2 BPSK	270	0	22.69	22.71	22.60		
100	QPSK	1	1	23.49	23.57	23.50	24.8	0.0
100	QPSK	1	137	23.31	23.48	23.35		
100	QPSK	1	271	23.33	23.38	23.28		
100	QPSK	135	0	22.41	22.49	22.48	23.8	1.0
100	QPSK	135	69	23.30	23.46	23.41	24.8	0.0
100	QPSK	135	138	22.28	22.33	22.30	23.8	1.0
100	QPSK	270	0	22.38	22.49	22.37		
100	16QAM	1	1	22.43	22.57	22.54	23.8	1.0
100	64QAM	1	1	20.99	21.05	20.94	22.3	2.5
100	256QAM	1	1	18.85	18.94	18.85	20.3	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.24	23.40	23.29	24.8	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.25	23.35	23.32	24.8	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.32	23.40	23.29	24.8	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.33	23.36	23.31	24.8	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.26	23.33	23.29	24.8	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.26	23.40	23.33	24.8	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.31	23.42	23.34	24.8	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.27	23.32	23.23	24.8	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.33	23.38	23.32	24.8	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.27	23.40	23.25	24.8	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.24	23.40	23.30	24.8	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.26	23.31	23.35	24.8	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.32	23.40	23.27	24.8	0.0

Part27O n77 Ant4 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1	24.75	24.76	24.71	25.2	0.0
100	π/2 BPSK	1	137	24.47	24.64	24.65		
100	π/2 BPSK	1	271	24.65	24.77	24.61		
100	π/2 BPSK	135	0	24.43	24.60	24.55	25.2	0.0
100	π/2 BPSK	135	69	24.47	24.49	24.48	25.2	0.0
100	π/2 BPSK	135	138	24.56	24.66	24.52	25.2	0.0
100	π/2 BPSK	270	0	24.41	24.61	24.48		
100	QPSK	1	1	24.78	24.79	24.75	25.2	0.0
100	QPSK	1	137	24.44	24.46	24.49		
100	QPSK	1	271	24.57	24.71	24.58		
100	QPSK	135	0	24.36	24.47	24.41	25.2	0.0
100	QPSK	135	69	24.49	24.58	24.45	25.2	0.0
100	QPSK	135	138	24.33	24.48	24.38	25.2	0.0
100	QPSK	270	0	24.37	24.59	24.55		
100	16QAM	1	1	24.52	24.63	24.42	25.2	0.0
100	64QAM	1	1	23.97	24.09	24.02	24.7	0.5
100	256QAM	1	1	22.08	22.11	22.01	22.7	2.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.73	24.69	24.70	25.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.72	24.69	24.66	25.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.69	24.69	24.67	25.2	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.64	24.66	24.64	25.2	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.64	24.70	24.63	25.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.65	24.69	24.67	25.2	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.72	24.66	24.67	25.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.66	24.66	24.62	25.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.67	24.66	24.65	25.2	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.72	24.74	24.59	25.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.65	24.68	24.70	25.2	0.0

Part27O n77 PC2 Ant4 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1	26.31	26.46	26.42	27.4	0.0
100	π/2 BPSK	1	137	26.39	26.40	26.33		
100	π/2 BPSK	1	271	26.39	26.50	26.42		
100	π/2 BPSK	135	0	25.74	25.84	25.84	26.9	0.5
100	π/2 BPSK	135	69	26.16	26.28	26.19	27.4	0.0
100	π/2 BPSK	135	138	25.77	25.92	25.80	26.9	0.5
100	π/2 BPSK	270	0	25.76	25.81	25.72		
100	QPSK	1	1	26.62	26.65	26.52	27.4	0.0
100	QPSK	1	137	26.39	26.50	26.32		
100	QPSK	1	271	26.38	26.46	26.43		
100	QPSK	135	0	25.29	25.29	25.29	26.4	1.0
100	QPSK	135	69	26.41	26.59	26.54	27.4	0.0
100	QPSK	135	138	25.49	25.48	25.36	26.4	1.0
100	QPSK	270	0	25.30	25.31	25.22		
100	16QAM	1	1	25.47	25.56	25.45	26.4	1.0
100	64QAM	1	1	23.89	24.00	23.86	24.9	2.5
100	256QAM	1	1	21.82	21.96	21.92	22.9	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	26.37	26.44	26.31	27.4	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	26.40	26.36	26.38	27.4	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	26.34	26.40	26.27	27.4	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	26.34	26.42	26.37	27.4	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	26.40	26.33	26.29	27.4	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	26.41	26.45	26.30	27.4	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	26.35	26.45	26.37	27.4	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	26.39	26.43	26.31	27.4	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	26.41	26.35	26.33	27.4	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	26.30	26.41	26.29	27.4	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	26.40	26.38	26.33	27.4	0.0

Part27Q n77 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		24.48		25.2	0.0
100	π/2 BPSK	1	137		24.25			
100	π/2 BPSK	1	271		24.23			
100	π/2 BPSK	135	0		24.36		25.2	0.0
100	π/2 BPSK	135	69		24.26		25.2	0.0
100	π/2 BPSK	135	138		24.14		25.2	0.0
100	π/2 BPSK	270	0		24.21			
100	QPSK	1	1		24.51		25.2	0.0
100	QPSK	1	137		24.14			
100	QPSK	1	271		24.17			
100	QPSK	135	0		24.11		25.2	0.0
100	QPSK	135	69		24.32		25.2	0.0
100	QPSK	135	138		24.09		25.2	0.0
100	QPSK	270	0		24.27			
100	16QAM	1	1		24.37		25.2	0.0
100	64QAM	1	1		23.68		24.7	0.5
100	256QAM	1	1		21.82		22.7	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.43	24.48	24.44	25.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.33	24.43	24.30	25.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.40	24.39	24.35	25.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.33	24.44	24.39	25.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.40	24.39	24.36	25.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.38	24.38	24.38	25.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.40	24.45	24.40	25.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.36	24.43	24.35	25.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.36	24.38	24.37	25.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.35	24.34	24.39	25.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.39	24.39	24.30	25.2	0.0

Part27Q n77 PC2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		26.35		27.4	0.0
100	π/2 BPSK	1	137		26.22			
100	π/2 BPSK	1	271		26.12			
100	π/2 BPSK	135	0		25.72		26.9	0.5
100	π/2 BPSK	135	69		26.12		27.4	0.0
100	π/2 BPSK	135	138		25.64		26.9	0.5
100	π/2 BPSK	270	0		25.83			
100	QPSK	1	1		26.41		27.4	0.0
100	QPSK	1	137		26.28			
100	QPSK	1	271		26.19			
100	QPSK	135	0		25.26		26.4	1.0
100	QPSK	135	69		26.38		27.4	0.0
100	QPSK	135	138		25.12		26.4	1.0
100	QPSK	270	0		25.39			
100	16QAM	1	1		25.39		26.4	1.0
100	64QAM	1	1		23.96		24.9	2.5
100	256QAM	1	1		22.06		22.9	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.30	26.35	26.33	27.4	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.18	26.29	26.28	27.4	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.21	26.28	26.25	27.4	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.23	26.23	26.30	27.4	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.19	26.32	26.26	27.4	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.22	26.28	26.26	27.4	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.21	26.27	26.21	27.4	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.20	26.31	26.22	27.4	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.23	26.29	26.29	27.4	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.21	26.24	26.20	27.4	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.21	26.21	26.21	27.4	0.0

Part27O n78 Ant4 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		24.27		25.1	0.0
100	π/2 BPSK	1	137		24.23			
100	π/2 BPSK	1	271		24.36			
100	π/2 BPSK	135	0		24.19		25.1	0.0
100	π/2 BPSK	135	69		24.17		25.1	0.0
100	π/2 BPSK	135	138		24.15		25.1	0.0
100	π/2 BPSK	270	0		24.14			
100	QPSK	1	1		24.43		25.1	0.0
100	QPSK	1	137		24.12			
100	QPSK	1	271		24.29			
100	QPSK	135	0		24.19		25.1	0.0
100	QPSK	135	69		24.36		25.1	0.0
100	QPSK	135	138		24.26		25.1	0.0
100	QPSK	270	0		24.11			
100	16QAM	1	1		24.08		25.1	0.0
100	64QAM	1	1		23.69		24.6	0.5
100	256QAM	1	1		21.61		22.6	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.36	24.38	24.35	25.1	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.27	24.27	24.35	25.1	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.39	24.34	24.32	25.1	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.28	24.33	24.36	25.1	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.35	24.33	24.39	25.1	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.35	24.32	24.36	25.1	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.30	24.35	24.32	25.1	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.36	24.29	24.30	25.1	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.34	24.30	24.35	25.1	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.31	24.36	24.37	25.1	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.31	24.27	24.35	25.1	0.0

Part27O n78 PC2 Ant4 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		26.38		27.2	0.0
100	π/2 BPSK	1	137		26.37			
100	π/2 BPSK	1	271		26.47			
100	π/2 BPSK	135	0		25.86		26.7	0.5
100	π/2 BPSK	135	69		26.29		27.2	0.0
100	π/2 BPSK	135	138		25.90		26.7	0.5
100	π/2 BPSK	270	0		25.85			
100	QPSK	1	1		26.48		27.2	0.0
100	QPSK	1	137		26.37			
100	QPSK	1	271		26.40			
100	QPSK	135	0		25.28		26.2	1.0
100	QPSK	135	69		26.42		27.2	0.0
100	QPSK	135	138		25.25		26.2	1.0
100	QPSK	270	0		25.49			
100	16QAM	1	1		25.26		26.2	1.0
100	64QAM	1	1		23.80		24.7	2.5
100	256QAM	1	1		21.81		22.7	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.41	26.39	26.41	27.2	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.39	26.32	26.44	27.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.33	26.42	26.42	27.2	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.39	26.40	26.41	27.2	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.43	26.34	26.42	27.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.41	26.40	26.39	27.2	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.40	26.35	26.36	27.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.42	26.34	26.40	27.2	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.42	26.42	26.44	27.2	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.39	26.38	26.34	27.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.33	26.44	26.39	27.2	0.0

Part27Q n78 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		24.49		25.1	0.0
100	π/2 BPSK	1	137		24.32			
100	π/2 BPSK	1	271		24.26			
100	π/2 BPSK	135	0		24.41		25.1	0.0
100	π/2 BPSK	135	69		24.32		25.1	0.0
100	π/2 BPSK	135	138		24.18		25.1	0.0
100	π/2 BPSK	270	0		24.31			
100	QPSK	1	1		24.55		25.1	0.0
100	QPSK	1	137		24.19			
100	QPSK	1	271		24.21			
100	QPSK	135	0		24.34		25.1	0.0
100	QPSK	135	69		24.47		25.1	0.0
100	QPSK	135	138		24.16		25.1	0.0
100	QPSK	270	0		24.36			
100	16QAM	1	1		24.41		25.1	0.0
100	64QAM	1	1		23.71		24.6	0.5
100	256QAM	1	1		21.87		22.6	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.45	24.48	24.43	25.1	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.36	24.49	24.43	25.1	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.45	24.45	24.39	25.1	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.35	24.44	24.43	25.1	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.42	24.49	24.37	25.1	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.36	24.44	24.35	25.1	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.35	24.49	24.39	25.1	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.42	24.41	24.37	25.1	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.44	24.49	24.42	25.1	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.41	24.45	24.36	25.1	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.38	24.47	24.39	25.1	0.0

Part27Q n78 PC2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.88		27.2	0.0
100	π/2 BPSK	1	137		25.89			
100	π/2 BPSK	1	271		25.89			
100	π/2 BPSK	135	0		25.30		26.7	0.5
100	π/2 BPSK	135	69		25.72		27.2	0.0
100	π/2 BPSK	135	138		25.17		26.7	0.5
100	π/2 BPSK	270	0		25.37			
100	QPSK	1	1		25.95		27.2	0.0
100	QPSK	1	137		25.93			
100	QPSK	1	271		25.92			
100	QPSK	135	0		24.87		26.2	1.0
100	QPSK	135	69		25.88		27.2	0.0
100	QPSK	135	138		24.82		26.2	1.0
100	QPSK	270	0		24.89			
100	16QAM	1	1		24.72		26.2	1.0
100	64QAM	1	1		23.36		24.7	2.5
100	256QAM	1	1		21.37		22.7	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.80	25.91	25.83	27.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.90	25.89	25.80	27.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.86	25.82	25.85	27.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.86	25.80	25.81	27.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.80	25.82	25.83	27.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.82	25.85	25.90	27.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.87	25.89	25.89	27.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.81	25.88	25.82	27.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.84	25.81	25.80	27.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.85	25.91	25.81	27.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.86	25.82	25.81	27.2	0.0

n2 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	21.80	21.77	21.68	23.3	0.0
40	π/2 BPSK	1	108	21.72	21.79	21.73		
40	π/2 BPSK	1	214	21.78	21.77	21.71		
40	π/2 BPSK	108	0	21.26	21.29	21.28	22.8	0.5
40	π/2 BPSK	108	54	21.75	21.74	21.68	23.3	0.0
40	π/2 BPSK	108	108	21.25	21.29	21.22	22.8	0.5
40	π/2 BPSK	216	0	21.25	21.30	21.29		
40	QPSK	1	1	21.79	21.83	21.78	23.3	0.0
40	QPSK	1	108	21.74	21.82	21.76		
40	QPSK	1	214	21.70	21.81	21.76		
40	QPSK	108	0	20.80	20.83	20.83	22.3	1.0
40	QPSK	108	54	21.73	21.80	21.69	23.3	0.0
40	QPSK	108	108	20.81	20.79	20.83	22.3	1.0
40	QPSK	216	0	20.77	20.85	20.79		
40	16QAM	1	1	20.84	20.81	20.82	22.3	1.0
40	64QAM	1	1	19.32	19.35	19.29	20.8	2.5
40	256QAM	1	1	17.28	17.35	17.25	18.8	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.67	21.71	21.66	23.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.76	21.75	21.69	23.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.69	21.80	21.74	23.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.68	21.73	21.73	23.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.74	21.72	21.68	23.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.71	21.75	21.69	23.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.69	21.79	21.73	23.3	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	24.01	24.18	24.08	25.1	0.0
50	π/2 BPSK	1	135	24.13	24.09	24.01		
50	π/2 BPSK	1	268	24.03	24.15	23.95		
50	π/2 BPSK	135	0	23.59	23.67	23.64	24.6	0.5
50	π/2 BPSK	135	68	24.02	24.15	24.02	25.1	0.0
50	π/2 BPSK	135	135	23.72	23.64	23.56	24.6	0.5
50	π/2 BPSK	270	0	23.59	23.64	23.63		
50	QPSK	1	1	24.16	24.19	24.04	25.1	0.0
50	QPSK	1	135	24.03	24.13	24.02		
50	QPSK	1	268	24.07	24.11	24.13		
50	QPSK	135	0	23.14	23.14	23.08	24.1	1.0
50	QPSK	135	68	24.05	24.15	24.10	25.1	0.0
50	QPSK	135	135	23.10	23.09	23.07	24.1	1.0
50	QPSK	270	0	23.17	23.25	23.13		
50	16QAM	1	1	23.12	23.20	23.10	24.1	1.0
50	64QAM	1	1	21.64	21.67	21.60	22.6	2.5
50	256QAM	1	1	19.70	19.61	19.64	20.6	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.08	24.14	23.90	25.1	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.04	24.05	23.95	25.1	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.00	24.05	23.96	25.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.03	24.10	23.99	25.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	24.09	24.14	23.90	25.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.03	24.07	23.99	25.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.04	24.04	23.96	25.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.10	24.14	23.89	25.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	21.62	21.70	21.70	23.3	0.0
40	π/2 BPSK	1	108	21.63	21.78	21.69		
40	π/2 BPSK	1	214	21.64	21.68	21.70		
40	π/2 BPSK	108	0	21.20	21.30	21.26	22.8	0.5
40	π/2 BPSK	108	54	21.65	21.75	21.71	23.3	0.0
40	π/2 BPSK	108	108	21.28	21.27	21.28	22.8	0.5
40	π/2 BPSK	216	0	21.27	21.28	21.31		
40	QPSK	1	1	21.75	21.82	21.76	23.3	0.0
40	QPSK	1	108	21.69	21.73	21.71		
40	QPSK	1	214	21.70	21.71	21.68		
40	QPSK	108	0	20.78	20.78	20.79	22.3	1.0
40	QPSK	108	54	21.67	21.80	21.71	23.3	0.0
40	QPSK	108	108	20.72	20.80	20.77	22.3	1.0
40	QPSK	216	0	20.76	20.83	20.81		
40	16QAM	1	1	20.70	20.79	20.72	22.3	1.0
40	64QAM	1	1	19.23	19.30	19.25	20.8	2.5
40	256QAM	1	1	17.26	17.26	17.26	18.8	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	21.60	21.67	21.71	23.3	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.72	21.72	21.67	23.3	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.62	21.80	21.72	23.3	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.61	21.75	21.72	23.3	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.61	21.76	21.67	23.3	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.64	21.69	21.66	23.3	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.71	21.73	21.71	23.3	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	22.48	22.53	22.48	23.7	0.0
45	π/2 BPSK	1	120	22.41	22.44	22.37		
45	π/2 BPSK	1	240	22.50	22.55	22.47		
45	π/2 BPSK	120	0	21.96	22.00	21.86	23.2	0.5
45	π/2 BPSK	120	60	22.41	22.54	22.47	23.7	0.0
45	π/2 BPSK	120	120	21.90	22.02	21.91	23.2	0.5
45	π/2 BPSK	240	0	22.01	22.14	22.11		
45	QPSK	1	1	22.56	22.60	22.54	23.7	0.0
45	QPSK	1	120	22.53	22.57	22.47		
45	QPSK	1	240	22.49	22.58	22.47		
45	QPSK	120	0	21.55	21.66	21.59	22.7	1.0
45	QPSK	120	60	22.49	22.57	22.44	23.7	0.0
45	QPSK	120	120	21.45	21.52	21.49	22.7	1.0
45	QPSK	240	0	21.63	21.72	21.66		
45	16QAM	1	1	21.40	21.53	21.48	22.7	1.0
45	64QAM	1	1	19.91	19.97	19.88	21.2	2.5
45	256QAM	1	1	17.96	17.99	17.96	19.2	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.43	22.54	22.46	23.7	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.48	22.46	22.43	23.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.46	22.52	22.50	23.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.47	22.53	22.52	23.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.54	22.56	22.42	23.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.46	22.50	22.41	23.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.45	22.46	22.46	23.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.43	22.49	22.43	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	24.34	24.32	24.22	25.4	0.0
40	π/2 BPSK	1	53	24.20	24.33	24.22		
40	π/2 BPSK	1	104	24.24	24.31	24.23		
40	π/2 BPSK	50	0	23.91	23.92	23.88	24.9	0.5
40	π/2 BPSK	50	28	24.45	24.51	24.35	25.4	0.0
40	π/2 BPSK	50	56	23.79	23.96	23.81	24.9	0.5
40	π/2 BPSK	100	0	23.96	24.11	23.95		
40	QPSK	1	1	24.52	24.54	24.49	25.4	0.0
40	QPSK	1	53	24.38	24.49	24.46		
40	QPSK	1	104	24.41	24.47	24.41		
40	QPSK	50	0	23.51	23.53	23.58	24.4	1.0
40	QPSK	50	28	24.51	24.53	24.38	25.4	0.0
40	QPSK	50	56	23.37	23.35	23.39	24.4	1.0
40	QPSK	100	0	23.50	23.51	23.42		
40	16QAM	1	1	23.52	23.64	23.48	24.4	1.0
40	64QAM	1	1	22.01	22.18	22.02	22.9	2.5
40	256QAM	1	1	19.89	20.07	20.05	20.9	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.96	24.06	23.98	25.4	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.98	24.10	24.02	25.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.04	24.08	24.07	25.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.02	24.03	24.02	25.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.02	24.13	24.00	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	24.20	24.38	24.23	25.6	0.0
100	π/2 BPSK	1	137	24.22	24.37	24.21		
100	π/2 BPSK	1	271	24.11	24.19	24.11		
100	π/2 BPSK	135	0	23.92	23.96	23.91	25.1	0.5
100	π/2 BPSK	135	69	24.29	24.33	24.31	25.6	0.0
100	π/2 BPSK	135	138	23.66	23.80	23.64	25.1	0.5
100	π/2 BPSK	270	0	23.90	23.87	23.85		
100	QPSK	1	1	24.36	24.47	24.42	25.6	0.0
100	QPSK	1	137	24.35	24.38	24.28		
100	QPSK	1	271	24.24	24.31	24.29		
100	QPSK	135	0	23.48	23.52	23.49	24.6	1.0
100	QPSK	135	69	24.33	24.36	24.27	25.6	0.0
100	QPSK	135	138	23.22	23.25	23.24	24.6	1.0
100	QPSK	270	0	23.38	23.43	23.39		
100	16QAM	1	1	23.68	23.73	23.67	24.6	1.0
100	64QAM	1	1	22.20	22.34	22.14	23.1	2.5
100	256QAM	1	1	20.22	20.18	20.13	21.1	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.27	24.33	24.35	25.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.28	24.43	24.37	25.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.21	24.43	24.32	25.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.21	24.40	24.27	25.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.22	24.39	24.32	25.6	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	24.30	24.31	24.28	25.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.22	24.42	24.30	25.6	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.31	24.34	24.28	25.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.27	24.34	24.29	25.6	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.22	24.40	24.32	25.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.20	24.41	24.28	25.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.23	24.35	24.37	25.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.31	24.34	24.33	25.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	22.19	22.14	22.07	23.7	0.0
100	π/2 BPSK	1	137	22.10	22.19	22.15		
100	π/2 BPSK	1	271	22.36	22.36	22.21		
100	π/2 BPSK	135	0	22.06	22.15	22.08	23.7	0.0
100	π/2 BPSK	135	69	22.17	22.16	22.01	23.7	0.0
100	π/2 BPSK	135	138	22.31	22.40	22.27	23.7	0.0
100	π/2 BPSK	270	0	22.14	22.22	22.15		
100	QPSK	1	1	22.36	22.53	22.41	23.7	0.0
100	QPSK	1	137	22.13	22.19	22.15		
100	QPSK	1	271	22.44	22.52	22.32		
100	QPSK	135	0	22.10	22.21	22.10	23.7	0.0
100	QPSK	135	69	22.18	22.32	22.30	23.7	0.0
100	QPSK	135	138	22.09	22.16	22.16	23.7	0.0
100	QPSK	270	0	22.06	22.24	22.15		
100	16QAM	1	1	22.24	22.30	22.13	23.7	0.0
100	64QAM	1	1	21.62	21.68	21.57	23.2	0.5
100	256QAM	1	1	19.60	19.70	19.60	21.2	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.27	22.44	22.31	23.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.27	22.41	22.26	23.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.31	22.37	22.36	23.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.28	22.46	22.27	23.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.21	22.48	22.29	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.30	22.45	22.36	23.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.25	22.41	22.35	23.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.25	22.47	22.32	23.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.22	22.37	22.27	23.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.24	22.40	22.27	23.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.30	22.38	22.34	23.7	0.0

Part27O n77 PC2 Ant6 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1	24.44	24.51	24.35	25.7	0.0
100	π/2 BPSK	1	137	24.44	24.43	24.45		
100	π/2 BPSK	1	271	24.32	24.39	24.33		
100	π/2 BPSK	135	0	23.69	23.73	23.64	25.2	0.5
100	π/2 BPSK	135	69	24.04	24.19	24.19	25.7	0.0
100	π/2 BPSK	135	138	23.78	23.81	23.71	25.2	0.5
100	π/2 BPSK	270	0	23.81	23.87	23.70		
100	QPSK	1	1	24.52	24.56	24.46	25.7	0.0
100	QPSK	1	137	24.30	24.44	24.36		
100	QPSK	1	271	24.23	24.38	24.22		
100	QPSK	135	0	23.04	23.20	23.07	24.7	1.0
100	QPSK	135	69	24.35	24.49	24.24	25.7	0.0
100	QPSK	135	138	23.21	23.30	23.22	24.7	1.0
100	QPSK	270	0	23.17	23.25	23.22		
100	16QAM	1	1	23.15	23.30	23.31	24.7	1.0
100	64QAM	1	1	21.83	21.90	21.88	23.2	2.5
100	256QAM	1	1	19.72	19.81	19.75	21.2	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.22	24.34	24.15	25.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.23	24.24	24.19	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.30	24.27	24.17	25.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.28	24.24	24.25	25.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.27	24.27	24.16	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.26	24.34	24.24	25.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.24	24.26	24.14	25.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.26	24.26	24.23	25.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.29	24.26	24.15	25.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.19	24.26	24.22	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.28	24.29	24.14	25.7	0.0

Part27Q n77 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.27		23.7	0.0
100	π/2 BPSK	1	137		22.17			
100	π/2 BPSK	1	271		22.19			
100	π/2 BPSK	135	0		22.20		23.7	0.0
100	π/2 BPSK	135	69		22.20		23.7	0.0
100	π/2 BPSK	135	138		22.23		23.7	0.0
100	π/2 BPSK	270	0		22.22			
100	QPSK	1	1		22.36		23.7	0.0
100	QPSK	1	137		22.16			
100	QPSK	1	271		22.35			
100	QPSK	135	0		22.22		23.7	0.0
100	QPSK	135	69		22.25		23.7	0.0
100	QPSK	135	138		22.23		23.7	0.0
100	QPSK	270	0		22.12			
100	16QAM	1	1		22.16		23.7	0.0
100	64QAM	1	1		21.78		23.2	0.5
100	256QAM	1	1		19.34		21.2	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.25	22.29	22.31	23.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.30	22.20	22.21	23.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.22	22.26	22.22	23.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.32	22.29	22.29	23.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.20	22.26	22.25	23.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.26	22.30	22.29	23.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.28	22.26	22.22	23.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.27	22.29	22.27	23.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.26	22.27	22.29	23.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.21	22.32	22.31	23.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.26	22.21	22.26	23.7	0.0

Part27Q n77 PC2 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.96		25.7	0.0
100	π/2 BPSK	1	137		24.00			
100	π/2 BPSK	1	271		23.99			
100	π/2 BPSK	135	0		23.55		25.2	0.5
100	π/2 BPSK	135	69		23.93		25.7	0.0
100	π/2 BPSK	135	138		23.43		25.2	0.5
100	π/2 BPSK	270	0		23.50			
100	QPSK	1	1		24.01		25.7	0.0
100	QPSK	1	137		23.88			
100	QPSK	1	271		23.96			
100	QPSK	135	0		22.75		24.7	1.0
100	QPSK	135	69		23.98		25.7	0.0
100	QPSK	135	138		22.93		24.7	1.0
100	QPSK	270	0		23.13			
100	16QAM	1	1		22.79		24.7	1.0
100	64QAM	1	1		21.26		23.2	2.5
100	256QAM	1	1		19.21		21.2	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.95	23.95	23.87	25.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.89	23.87	23.91	25.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.86	23.89	23.87	25.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.88	23.94	23.90	25.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.93	23.88	23.95	25.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.89	23.85	23.90	25.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.91	23.91	23.88	25.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.92	23.92	23.85	25.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.89	23.89	23.93	25.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.93	23.88	23.86	25.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.85	23.95	23.93	25.7	0.0

Part27O n78 Ant6 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		22.41		23.7	0.0
100	π/2 BPSK	1	137		22.47			
100	π/2 BPSK	1	271		22.40			
100	π/2 BPSK	135	0		22.35		23.7	0.0
100	π/2 BPSK	135	69		22.33		23.7	0.0
100	π/2 BPSK	135	138		22.39		23.7	0.0
100	π/2 BPSK	270	0		22.41			
100	QPSK	1	1		22.48		23.7	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.46			
100	QPSK	135	0		22.39		23.7	0.0
100	QPSK	135	69		22.42		23.7	0.0
100	QPSK	135	138		22.36		23.7	0.0
100	QPSK	270	0		22.32			
100	16QAM	1	1		22.37		23.7	0.0
100	64QAM	1	1		21.86		23.2	0.5
100	256QAM	1	1		19.82		21.2	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.30	22.38	22.32	23.7	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.22	22.32	22.18	23.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.23	22.36	22.26	23.7	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.28	22.26	22.30	23.7	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.19	22.35	22.22	23.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.25	22.31	22.28	23.7	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.19	22.31	22.25	23.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.27	22.36	22.20	23.7	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.23	22.27	22.28	23.7	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.27	22.32	22.28	23.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.28	22.26	22.26	23.7	0.0

Part27O n78 PC2 Ant6 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		24.59		25.5	0.0
100	π/2 BPSK	1	137		24.29			
100	π/2 BPSK	1	271		24.34			
100	π/2 BPSK	135	0		23.98		25.0	0.5
100	π/2 BPSK	135	69		24.44		25.5	0.0
100	π/2 BPSK	135	138		23.91		25.0	0.5
100	π/2 BPSK	270	0		23.87			
100	QPSK	1	1		24.64		25.5	0.0
100	QPSK	1	137		24.48			
100	QPSK	1	271		24.59			
100	QPSK	135	0		23.42		24.5	1.0
100	QPSK	135	69		24.60		25.5	0.0
100	QPSK	135	138		23.47		24.5	1.0
100	QPSK	270	0		23.56			
100	16QAM	1	1		23.48		24.5	1.0
100	64QAM	1	1		22.03		23.0	2.5
100	256QAM	1	1		19.96		21.0	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.49	24.58	24.53	25.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.40	24.47	24.46	25.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.38	24.52	24.50	25.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.35	24.48	24.46	25.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.38	24.54	24.44	25.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.40	24.56	24.47	25.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.40	24.53	24.47	25.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.44	24.44	24.49	25.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.38	24.52	24.46	25.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.36	24.47	24.42	25.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.41	24.44	24.39	25.5	0.0

Part27Q n78 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.17		23.7	0.0
100	π/2 BPSK	1	137		22.10			
100	π/2 BPSK	1	271		22.15			
100	π/2 BPSK	135	0		22.12		23.7	0.0
100	π/2 BPSK	135	69		22.02		23.7	0.0
100	π/2 BPSK	135	138		22.08		23.7	0.0
100	π/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.23		23.7	0.0
100	QPSK	1	137		21.98			
100	QPSK	1	271		22.10			
100	QPSK	135	0		22.10		23.7	0.0
100	QPSK	135	69		22.20		23.7	0.0
100	QPSK	135	138		22.10		23.7	0.0
100	QPSK	270	0		22.10			
100	16QAM	1	1		21.77		23.7	0.0
100	64QAM	1	1		21.27		23.2	0.5
100	256QAM	1	1		19.32		21.2	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.19	22.09	22.18	23.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.11	22.07	22.15	23.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.11	22.10	22.08	23.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.16	22.14	22.18	23.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.18	22.13	22.09	23.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.10	22.18	22.18	23.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.11	22.12	22.13	23.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.10	22.15	22.12	23.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.12	22.13	22.12	23.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.13	22.09	22.15	23.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.18	22.14	22.09	23.7	0.0

Part27Q n78 PC2 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.87		25.5	0.0
100	π/2 BPSK	1	137		23.88			
100	π/2 BPSK	1	271		23.98			
100	π/2 BPSK	135	0		23.06		25.0	0.5
100	π/2 BPSK	135	69		23.54		25.5	0.0
100	π/2 BPSK	135	138		23.36		25.0	0.5
100	π/2 BPSK	270	0		23.46			
100	QPSK	1	1		24.20		25.5	0.0
100	QPSK	1	137		23.76			
100	QPSK	1	271		24.05			
100	QPSK	135	0		22.71		24.5	1.0
100	QPSK	135	69		24.09		25.5	0.0
100	QPSK	135	138		22.89		24.5	1.0
100	QPSK	270	0		23.17			
100	16QAM	1	1		22.71		24.5	1.0
100	64QAM	1	1		21.44		23.0	2.5
100	256QAM	1	1		19.49		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.12	24.14	24.05	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.04	24.14	24.05	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.07	24.11	24.06	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.10	24.06	24.08	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.09	24.12	24.04	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.07	24.11	24.04	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.09	24.16	24.12	25.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.11	24.05	24.06	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.15	24.16	24.11	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.12	24.08	24.11	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.10	24.15	24.10	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	19.80	19.94	19.81	21.3	0.0
40	π/2 BPSK	1	108	19.77	19.92	19.82		
40	π/2 BPSK	1	214	19.85	19.89	19.83		
40	π/2 BPSK	108	0	19.34	19.50	19.45	20.8	0.5
40	π/2 BPSK	108	54	19.86	19.88	19.89	21.3	0.0
40	π/2 BPSK	108	108	19.41	19.45	19.40	20.8	0.5
40	π/2 BPSK	216	0	19.42	19.47	19.43		
40	QPSK	1	1	19.89	19.97	19.94	21.3	0.0
40	QPSK	1	108	19.76	19.87	19.83		
40	QPSK	1	214	19.82	19.87	19.91		
40	QPSK	108	0	18.95	18.96	18.94	20.3	1.0
40	QPSK	108	54	19.86	19.93	19.86	21.3	0.0
40	QPSK	108	108	18.92	18.95	18.91	20.3	1.0
40	QPSK	216	0	18.89	18.99	18.93		
40	16QAM	1	1	18.95	18.96	18.90	20.3	1.0
40	64QAM	1	1	17.41	17.42	17.44	18.8	2.5
40	256QAM	1	1	15.39	15.52	15.47	16.8	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.82	19.84	19.86	21.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.76	19.89	19.89	21.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.87	19.86	19.80	21.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.75	19.85	19.90	21.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.77	19.91	19.91	21.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.82	19.87	19.87	21.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.87	19.85	19.91	21.3	0.0

n7 Ant7 Default

BW [MHz]	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	π/2 BPSK	1	1	21.36	21.51	21.33	23.0	0.0
50	π/2 BPSK	1	135	21.39	21.50	21.39		
50	π/2 BPSK	1	268	21.44	21.43	21.44		
50	π/2 BPSK	135	0	20.97	20.99	20.93	22.5	0.5
50	π/2 BPSK	135	68	21.44	21.46	21.35	23.0	0.0
50	π/2 BPSK	135	135	21.01	21.11	20.98	22.5	0.5
50	π/2 BPSK	270	0	20.96	21.03	20.99		
50	QPSK	1	1	21.49	21.55	21.47	23.0	0.0
50	QPSK	1	135	21.46	21.50	21.40		
50	QPSK	1	268	21.42	21.45	21.42		
50	QPSK	135	0	20.48	20.50	20.46	22.0	1.0
50	QPSK	135	68	21.39	21.53	21.43	23.0	0.0
50	QPSK	135	135	20.50	20.55	20.49	22.0	1.0
50	QPSK	270	0	20.51	20.57	20.47		
50	16QAM	1	1	20.53	20.52	20.47	22.0	1.0
50	64QAM	1	1	19.02	19.06	18.96	20.5	2.5
50	256QAM	1	1	17.04	17.09	16.92	18.5	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.44	21.47	21.34	23.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.45	21.44	21.41	23.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.47	21.52	21.34	23.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.40	21.51	21.35	23.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	21.37	21.44	21.37	23.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.40	21.45	21.36	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.38	21.52	21.35	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.39	21.46	21.34	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	19.86	19.91	19.85	21.3	0.0
40	π/2 BPSK	1	108	19.79	19.90	19.78		
40	π/2 BPSK	1	214	19.77	19.89	19.85		
40	π/2 BPSK	108	0	19.33	19.46	19.46	20.8	0.5
40	π/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0
40	π/2 BPSK	108	108	19.44	19.43	19.42	20.8	0.5
40	π/2 BPSK	216	0	19.36	19.46	19.43		
40	QPSK	1	1	19.89	19.94	19.91	21.3	0.0
40	QPSK	1	108	19.81	19.80	19.82		
40	QPSK	1	214	19.82	19.82	19.88		
40	QPSK	108	0	18.90	18.93	18.92	20.3	1.0
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0
40	QPSK	108	108	18.87	18.89	18.88	20.3	1.0
40	QPSK	216	0	18.90	18.99	18.89		
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5
40	256QAM	1	1	15.43	15.39	15.41	16.8	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.78	19.91	19.77	21.3	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.86	19.84	19.80	21.3	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.83	19.82	19.85	21.3	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.86	19.88	19.88	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	20.80	20.86	20.86	22.1	0.0
45	π/2 BPSK	1	120	20.78	20.89	20.82		
45	π/2 BPSK	1	240	20.82	20.85	20.77		
45	π/2 BPSK	120	0	20.44	20.42	20.46	21.6	0.5
45	π/2 BPSK	120	60	20.82	20.88	20.79	22.1	0.0
45	π/2 BPSK	120	120	20.17	20.27	20.22	21.6	0.5
45	π/2 BPSK	240	0	20.37	20.49	20.36		
45	QPSK	1	1	20.81	20.95	20.91	22.1	0.0
45	QPSK	1	120	20.81	20.84	20.77		
45	QPSK	1	240	20.75	20.86	20.79		
45	QPSK	120	0	19.86	19.93	19.80	21.1	1.0
45	QPSK	120	60	20.88	20.94	20.89	22.1	0.0
45	QPSK	120	120	19.74	19.75	19.77	21.1	1.0
45	QPSK	240	0	19.80	19.96	19.95		
45	16QAM	1	1	19.77	19.89	19.80	21.1	1.0
45	64QAM	1	1	18.23	18.26	18.18	19.6	2.5
45	256QAM	1	1	16.16	16.21	16.21	17.6	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.62	20.65	20.63	22.1	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.60	20.63	20.71	22.1	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.59	20.71	20.70	22.1	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.67	20.67	20.74	22.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.62	20.75	20.71	22.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.63	20.73	20.72	22.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.61	20.68	20.63	22.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.64	20.66	20.74	22.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	21.91	21.96	21.87	23.2	0.0
40	Pi/2 BPSK	1	53	21.62	21.72	21.58		
40	Pi/2 BPSK	1	104	21.77	21.76	21.69		
40	Pi/2 BPSK	50	0	21.29	21.33	21.25	22.7	0.5
40	Pi/2 BPSK	50	28	21.82	21.94	21.93	23.2	0.0
40	Pi/2 BPSK	50	56	21.21	21.27	21.24	22.7	0.5
40	Pi/2 BPSK	100	0	21.37	21.45	21.39		
40	QPSK	1	1	21.88	22.01	21.96	23.2	0.0
40	QPSK	1	53	21.71	21.66	21.68		
40	QPSK	1	104	21.72	21.72	21.70		
40	QPSK	50	0	20.75	20.84	20.78	22.2	1.0
40	QPSK	50	28	21.86	21.89	21.80	23.2	0.0
40	QPSK	50	56	20.72	20.75	20.74	22.2	1.0
40	QPSK	100	0	20.87	20.97	20.90		
40	16QAM	1	1	20.93	20.87	20.86	22.2	1.0
40	64QAM	1	1	19.47	19.55	19.46	20.7	2.5
40	256QAM	1	1	17.43	17.57	17.50	18.7	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.72	21.81	21.71	23.2	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.74	21.76	21.73	23.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.75	21.82	21.72	23.2	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.68	21.75	21.69	23.2	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.66	21.72	21.73	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	22.07	22.09	21.99	23.5	0.0
100	Pi/2 BPSK	1	137	22.07	22.11	22.12		
100	Pi/2 BPSK	1	271	22.11	22.09	22.03		
100	Pi/2 BPSK	135	0	21.61	21.65	21.58	23.0	0.5
100	Pi/2 BPSK	135	69	22.16	22.10	22.10	23.5	0.0
100	Pi/2 BPSK	135	138	21.73	21.66	21.52	23.0	0.5
100	Pi/2 BPSK	270	0	21.62	21.59	21.63		
100	QPSK	1	1	22.17	22.25	22.11	23.5	0.0
100	QPSK	1	137	22.02	22.21	22.02		
100	QPSK	1	271	22.09	22.20	22.09		
100	QPSK	135	0	21.11	21.15	21.14	22.5	1.0
100	QPSK	135	69	22.12	22.15	21.98	23.5	0.0
100	QPSK	135	138	21.13	21.17	21.11	22.5	1.0
100	QPSK	270	0	21.14	21.25	21.02		
100	16QAM	1	1	21.05	21.18	21.13	22.5	1.0
100	64QAM	1	1	19.61	19.71	19.52	21.0	2.5
100	256QAM	1	1	17.65	17.69	17.65	19.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.93	22.00	21.85	23.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.88	21.96	21.93	23.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.86	21.99	21.91	23.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.88	22.02	21.87	23.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.88	21.93	21.94	23.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.88	21.91	21.90	23.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.91	21.92	21.84	23.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.86	21.91	21.85	23.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.89	21.98	21.90	23.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.94	21.88	21.81	23.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.95	21.99	21.93	23.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.93	22.03	21.89	23.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.87	22.00	21.89	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	23.31	23.44	23.31	25.0	0.0
40	π/2 BPSK	1	53	23.34	23.39	23.30		
40	π/2 BPSK	1	104	23.30	23.42	23.40		
40	π/2 BPSK	50	0	22.64	22.75	22.64	24.5	0.5
40	π/2 BPSK	50	28	23.35	23.43	23.38	25.0	0.0
40	π/2 BPSK	50	56	22.57	22.63	22.56	24.5	0.5
40	π/2 BPSK	100	0	22.67	22.76	22.66		
40	QPSK	1	1	23.39	23.48	23.45	25.0	0.0
40	QPSK	1	53	23.36	23.43	23.36		
40	QPSK	1	104	23.36	23.39	23.30		
40	QPSK	50	0	22.43	22.46	22.39	24.0	1.0
40	QPSK	50	28	23.34	23.45	23.36	25.0	0.0
40	QPSK	50	56	22.36	22.42	22.31	24.0	1.0
40	QPSK	100	0	22.39	22.49	22.39		
40	16QAM	1	1	22.26	22.35	22.23	24.0	1.0
40	64QAM	1	1	20.51	20.63	20.56	22.5	2.5
40	256QAM	1	1	18.65	18.72	18.65	20.5	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.28	23.35	23.40	25.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.32	23.37	23.40	25.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.29	23.35	23.38	25.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.33	23.40	23.41	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.49	25.63	25.48	26.0	0.0
100	π/2 BPSK	1	137	25.51	25.66	25.51		
100	π/2 BPSK	1	271	25.37	25.57	25.50		
100	π/2 BPSK	135	0	25.50	25.56	25.42	26.0	0.0
100	π/2 BPSK	135	69	25.34	25.49	25.53	26.0	0.0
100	π/2 BPSK	135	138	25.44	25.57	25.62	26.0	0.0
100	π/2 BPSK	270	0	25.53	25.58	25.52		
100	QPSK	1	1	25.66	25.76	25.71	26.0	0.0
100	QPSK	1	137	25.48	25.61	25.46		
100	QPSK	1	271	25.45	25.53	25.46		
100	QPSK	135	0	25.47	25.53	25.40	26.0	0.0
100	QPSK	135	69	25.56	25.67	25.61	26.0	0.0
100	QPSK	135	138	25.49	25.63	25.58	26.0	0.0
100	QPSK	270	0	25.40	25.56	25.50		
100	16QAM	1	1	25.62	25.71	25.46	26.0	0.0
100	64QAM	1	1	25.03	25.21	25.08	25.5	0.5
100	256QAM	1	1	23.01	23.14	23.12	23.5	2.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.54	25.64	25.63	26.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.61	25.71	25.65	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.53	25.64	25.61	26.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.58	25.63	25.59	26.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.57	25.72	25.57	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.51	25.68	25.55	26.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.59	25.67	25.64	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.52	25.66	25.58	26.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.54	25.69	25.58	26.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.50	25.66	25.60	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.58	25.64	25.59	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	27.32	27.71	27.56	29.0	0.0
100	π/2 BPSK	1	137	27.27	27.55	27.56		
100	π/2 BPSK	1	271	27.42	27.68	27.56		
100	π/2 BPSK	135	0	26.93	27.20	27.11	28.5	0.5
100	π/2 BPSK	135	69	27.34	27.63	27.59	29.0	0.0
100	π/2 BPSK	135	138	26.99	27.21	27.12	28.5	0.5
100	π/2 BPSK	270	0	26.90	27.22	27.21		
100	QPSK	1	1	27.44	27.72	27.64	29.0	0.0
100	QPSK	1	137	27.34	27.62	27.55		
100	QPSK	1	271	27.42	27.57	27.55		
100	QPSK	135	0	26.48	26.69	26.58	28.0	1.0
100	QPSK	135	69	27.37	27.65	27.56	29.0	0.0
100	QPSK	135	138	26.40	26.74	26.63	28.0	1.0
100	QPSK	270	0	26.38	26.66	26.60		
100	16QAM	1	1	26.47	26.70	26.58	28.0	1.0
100	64QAM	1	1	24.91	25.20	25.13	26.5	2.5
100	256QAM	1	1	22.94	23.18	23.19	24.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	27.38	27.61	27.49	29.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	27.32	27.58	27.57	29.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.28	27.56	27.60	29.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.37	27.68	27.54	29.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	27.34	27.62	27.57	29.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.33	27.60	27.58	29.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.36	27.61	27.52	29.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.30	27.66	27.50	29.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.33	27.62	27.48	29.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	27.32	27.67	27.55	29.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.31	27.65	27.58	29.0	0.0

Part27Q n77 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.54		26.0	0.0
100	π/2 BPSK	1	137		25.53			
100	π/2 BPSK	1	271		25.39			
100	π/2 BPSK	135	0		25.40		26.0	0.0
100	π/2 BPSK	135	69		25.39		26.0	0.0
100	π/2 BPSK	135	138		25.54		26.0	0.0
100	π/2 BPSK	270	0		25.53			
100	QPSK	1	1		25.57		26.0	0.0
100	QPSK	1	137		25.39			
100	QPSK	1	271		25.28			
100	QPSK	135	0		25.27		26.0	0.0
100	QPSK	135	69		25.56		26.0	0.0
100	QPSK	135	138		25.41		26.0	0.0
100	QPSK	270	0		25.34			
100	16QAM	1	1		25.46		26.0	0.0
100	64QAM	1	1		25.01		25.5	0.5
100	256QAM	1	1		22.97		23.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.49	25.47	25.48	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.44	25.52	25.43	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.48	25.51	25.48	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.52	25.46	25.46	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.43	25.50	25.41	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.44	25.52	25.50	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.46	25.43	25.47	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.53	25.42	25.50	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.51	25.52	25.42	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.46	25.44	25.48	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.47	25.42	25.49	26.0	0.0

Part27Q n77 PC2 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.53		29.0	0.0
100	π/2 BPSK	1	137		27.54			
100	π/2 BPSK	1	271		27.50			
100	π/2 BPSK	135	0		27.19		28.5	0.5
100	π/2 BPSK	135	69		27.59		29.0	0.0
100	π/2 BPSK	135	138		27.19		28.5	0.5
100	π/2 BPSK	270	0		27.12			
100	QPSK	1	1		27.60		29.0	0.0
100	QPSK	1	137		27.54			
100	QPSK	1	271		27.51			
100	QPSK	135	0		26.67		28.0	1.0
100	QPSK	135	69		27.54		29.0	0.0
100	QPSK	135	138		26.68		28.0	1.0
100	QPSK	270	0		26.62			
100	16QAM	1	1		26.54		28.0	1.0
100	64QAM	1	1		25.12		26.5	2.5
100	256QAM	1	1		23.09		24.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.53	27.54	27.51	29.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.54	27.52	27.45	29.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.47	27.47	27.45	29.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.48	27.56	27.54	29.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.50	27.51	27.46	29.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.48	27.53	27.53	29.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.56	27.46	27.50	29.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.47	27.55	27.55	29.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.56	27.52	27.52	29.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.47	27.52	27.55	29.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.55	27.44	27.47	29.0	0.0

Part27O n78 Ant10 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		25.55		26.0	0.0
100	π/2 BPSK	1	137		25.52			
100	π/2 BPSK	1	271		25.46			
100	π/2 BPSK	135	0		25.49		26.0	0.0
100	π/2 BPSK	135	69		25.41		26.0	0.0
100	π/2 BPSK	135	138		25.53		26.0	0.0
100	π/2 BPSK	270	0		25.47			
100	QPSK	1	1		25.56		26.0	0.0
100	QPSK	1	137		25.42			
100	QPSK	1	271		25.28			
100	QPSK	135	0		25.23		26.0	0.0
100	QPSK	135	69		25.45		26.0	0.0
100	QPSK	135	138		25.41		26.0	0.0
100	QPSK	270	0		25.38			
100	16QAM	1	1		25.51		26.0	0.0
100	64QAM	1	1		24.91		25.5	0.5
100	256QAM	1	1		23.01		23.5	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.44	25.44	25.40	26.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.45	25.43	25.46	26.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.45	25.50	25.52	26.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.48	25.41	25.47	26.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.41	25.41	25.45	26.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.45	25.42	25.47	26.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.48	25.49	25.48	26.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.43	25.44	25.43	26.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.51	25.42	25.41	26.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.49	25.46	25.52	26.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.43	25.51	25.50	26.0	0.0

Part27O n78 PC2 Ant10 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		27.41		29.0	0.0
100	π/2 BPSK	1	137		27.49			
100	π/2 BPSK	1	271		27.42			
100	π/2 BPSK	135	0		27.09		28.5	0.5
100	π/2 BPSK	135	69		27.51		29.0	0.0
100	π/2 BPSK	135	138		27.13		28.5	0.5
100	π/2 BPSK	270	0		27.04			
100	QPSK	1	1		27.53		29.0	0.0
100	QPSK	1	137		27.49			
100	QPSK	1	271		27.38			
100	QPSK	135	0		26.52		28.0	1.0
100	QPSK	135	69		27.42		29.0	0.0
100	QPSK	135	138		26.53		28.0	1.0
100	QPSK	270	0		26.58			
100	16QAM	1	1		26.41		28.0	1.0
100	64QAM	1	1		25.03		26.5	2.5
100	256QAM	1	1		23.00		24.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.45	27.38	27.47	29.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.46	27.39	27.49	29.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.38	27.44	27.41	29.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.48	27.44	27.38	29.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.39	27.39	27.37	29.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.48	27.42	27.47	29.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.42	27.48	27.39	29.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.44	27.39	27.45	29.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.42	27.40	27.47	29.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.46	27.47	27.40	29.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.42	27.39	27.46	29.0	0.0

Part27Q n78 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.61		26.0	0.0
100	π/2 BPSK	1	137		25.48			
100	π/2 BPSK	1	271		25.50			
100	π/2 BPSK	135	0		25.53		26.0	0.0
100	π/2 BPSK	135	69		25.41		26.0	0.0
100	π/2 BPSK	135	138		25.61		26.0	0.0
100	π/2 BPSK	270	0		25.64			
100	QPSK	1	1		25.67		26.0	0.0
100	QPSK	1	137		25.51			
100	QPSK	1	271		25.34			
100	QPSK	135	0		25.23		26.0	0.0
100	QPSK	135	69		25.49		26.0	0.0
100	QPSK	135	138		25.46		26.0	0.0
100	QPSK	270	0		25.28			
100	16QAM	1	1		25.66		26.0	0.0
100	64QAM	1	1		24.98		25.5	0.5
100	256QAM	1	1		23.06		23.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.53	25.55	25.52	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.56	25.62	25.58	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.56	25.60	25.58	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.57	25.58	25.56	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.53	25.59	25.56	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.52	25.54	25.59	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.59	25.56	25.51	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.53	25.59	25.51	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.52	25.62	25.60	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.57	25.63	25.52	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.59	25.53	25.53	26.0	0.0

Part27Q n78 PC2 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.29		29.0	0.0
100	π/2 BPSK	1	137		27.38			
100	π/2 BPSK	1	271		27.33			
100	π/2 BPSK	135	0		27.01		28.5	0.5
100	π/2 BPSK	135	69		27.38		29.0	0.0
100	π/2 BPSK	135	138		27.04		28.5	0.5
100	π/2 BPSK	270	0		26.94			
100	QPSK	1	1		27.47		29.0	0.0
100	QPSK	1	137		27.45			
100	QPSK	1	271		27.30			
100	QPSK	135	0		26.37		28.0	1.0
100	QPSK	135	69		27.31		29.0	0.0
100	QPSK	135	138		26.43		28.0	1.0
100	QPSK	270	0		26.51			
100	16QAM	1	1		26.34		28.0	1.0
100	64QAM	1	1		24.96		26.5	2.5
100	256QAM	1	1		22.93		24.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.40	27.34	27.37	29.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.32	27.40	27.36	29.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.32	27.43	27.36	29.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.38	27.42	27.33	29.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.40	27.36	27.41	29.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.42	27.37	27.42	29.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.37	27.41	27.40	29.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.38	27.37	27.37	29.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.32	27.40	27.35	29.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.37	27.43	27.32	29.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.37	27.38	27.43	29.0	0.0

Reduced Power Mode for DSI1_Main PA

n5 Ant0 DSI1

BW [MHz]	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	25.29	25.29	25.29	25.7	0.0
20	PI/2 BPSK	1	53	25.31	25.28	25.24		
20	PI/2 BPSK	1	104	25.11	25.13	25.14		
20	PI/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5
20	PI/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0
20	PI/2 BPSK	50	56	24.62	24.72	24.63	25.2	0.5
20	PI/2 BPSK	100	0	24.82	24.77	24.82		
20	QPSK	1	1	25.29	25.33	25.27	25.7	0.0
20	QPSK	1	53	25.32	25.32	25.24		
20	QPSK	1	104	25.13	25.09	25.09		
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0
20	QPSK	50	56	24.15	24.08	24.08	24.7	1.0
20	QPSK	100	0	24.26	24.29	24.28		
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0

n12 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	25.39	25.39	25.48	25.7	0.0
15	PI/2 BPSK	1	40	25.41	25.43	25.38		
15	PI/2 BPSK	1	77	25.32	25.35	25.29		
15	PI/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5
15	PI/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0
15	PI/2 BPSK	36	43	24.84	24.80	24.79	25.2	0.5
15	PI/2 BPSK	75	0	24.93	24.99	24.90		
15	QPSK	1	1	25.47	25.52	25.48	25.7	0.0
15	QPSK	1	40	25.48	25.43	25.38		
15	QPSK	1	77	25.33	25.24	25.26		
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0
15	QPSK	36	43	24.33	24.27	24.23	24.7	1.0
15	QPSK	75	0	24.48	24.52	24.45		
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5
	256QAM	1	1	20.71	20.73	20.66	21.2	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0

n26 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.34	25.35	25.33	25.7	0.0
20	PI/2 BPSK	1	53	25.25	25.30	25.28		
20	PI/2 BPSK	1	104	25.19	25.11	25.09		
20	PI/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5
20	PI/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0
20	PI/2 BPSK	50	56	24.68	24.74	24.73	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.79	24.79		
20	QPSK	1	1	25.35	25.39	25.37	25.7	0.0
20	QPSK	1	53	25.36	25.33	25.27		
20	QPSK	1	104	25.14	25.14	25.09		
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0
20	QPSK	50	56	24.05	24.09	24.09	24.7	1.0
20	QPSK	100	0	24.35	24.36	24.29		
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.24	25.33	25.33	25.7	0.0

n71 Ant0 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		25.24		25.7	0.0
35	π/2 BPSK	1	90		25.14			
35	π/2 BPSK	1	186		25.10			
35	π/2 BPSK	90	0		24.60		25.2	0.5
35	π/2 BPSK	90	45		25.20		25.7	0.0
35	π/2 BPSK	90	90		24.58		25.2	0.5
35	π/2 BPSK	180	0		24.70			
35	QPSK	1	1		25.25		25.7	0.0
35	QPSK	1	90		25.18			
35	QPSK	1	186		25.00			
35	QPSK	90	0		24.16		24.7	1.0
35	QPSK	90	45		25.21		25.7	0.0
35	QPSK	90	90		24.06		24.7	1.0
35	QPSK	180	0		24.23			
35	16QAM	1	1		24.04		24.7	1.0
35	64QAM	1	1		22.54		23.2	2.5
35	256QAM	1	1		20.48		21.2	4.5
Channel				135600	136100	136600	Tune-up limit	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10	25.7	0.0
Channel				135100	136100	137100	Tune-up limit	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18	25.7	0.0
Channel				134600	136100	137600	Tune-up limit	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15	25.7	0.0
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08	25.7	0.0

n5 Ant1 DSI1

BW [MHz]	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	20.91	20.93	20.94	21.2	0.0
20	PI/2 BPSK	1	53	20.91	20.91	20.86		
20	PI/2 BPSK	1	104	20.97	21.02	20.93		
20	PI/2 BPSK	50	0	20.93	21.03	20.93	21.2	0.0
20	PI/2 BPSK	50	28	20.89	20.98	20.87	21.2	0.0
20	PI/2 BPSK	50	56	20.92	20.94	20.87	21.2	0.0
20	PI/2 BPSK	100	0	20.97	21.02	20.87		
20	QPSK	1	1	21.00	21.05	20.98	21.2	0.0
20	QPSK	1	53	20.94	20.98	20.86		
20	QPSK	1	104	20.93	20.91	20.94		
20	QPSK	50	0	20.88	20.95	20.85	21.2	0.0
20	QPSK	50	28	20.87	21.01	20.93	21.2	0.0
20	QPSK	50	56	20.96	20.96	20.85	21.2	0.0
20	QPSK	100	0	20.88	20.98	20.85		
20	16QAM	1	1	20.91	20.93	20.87	21.2	0.0
20	64QAM	1	1	20.90	20.94	20.95	21.2	0.0
20	256QAM	1	1	20.89	20.95	20.90	21.2	0.0
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.98	21.01	20.94	21.2	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.91	20.93	20.90	21.2	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.89	21.01	20.93	21.2	0.0

n12 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	24.54	24.60	24.52	24.7	0.0
15	PI/2 BPSK	1	40	24.48	24.55	24.55		
15	PI/2 BPSK	1	77	24.58	24.59	24.56		
15	PI/2 BPSK	36	0	24.52	24.65	24.57	24.7	0.0
15	PI/2 BPSK	36	22	24.54	24.64	24.47	24.7	0.0
15	PI/2 BPSK	36	43	24.51	24.59	24.55	24.7	0.0
15	PI/2 BPSK	75	0	24.56	24.57	24.51		
15	QPSK	1	1	24.62	24.68	24.60	24.7	0.0
15	QPSK	1	40	24.50	24.57	24.55		
15	QPSK	1	77	24.56	24.61	24.56		
15	QPSK	36	0	24.58	24.64	24.52	24.7	0.0
15	QPSK	36	22	24.50	24.65	24.57	24.7	0.0
15	QPSK	36	43	24.52	24.58	24.49	24.7	0.0
15	QPSK	75	0	24.54	24.63	24.54		
15	16QAM	1	1	24.54	24.60	24.47	24.7	0.0
15	64QAM	1	1	23.10	23.15	23.16	23.2	1.5
	256QAM	1	1	21.16	21.12	21.05	21.2	3.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.52	24.62	24.57	24.7	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.60	24.57	24.52	24.7	0.0

n26 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	20.41	20.48	20.37	20.7	0.0
20	PI/2 BPSK	1	53	20.45	20.42	20.39		
20	PI/2 BPSK	1	104	20.41	20.53	20.45		
20	PI/2 BPSK	50	0	20.37	20.44	20.35	20.7	0.0
20	PI/2 BPSK	50	28	20.39	20.45	20.43	20.7	0.0
20	PI/2 BPSK	50	56	20.43	20.45	20.37	20.7	0.0
20	PI/2 BPSK	100	0	20.42	20.42	20.39		
20	QPSK	1	1	20.50	20.55	20.48	20.7	0.0
20	QPSK	1	53	20.37	20.52	20.37		
20	QPSK	1	104	20.41	20.46	20.40		
20	QPSK	50	0	20.43	20.51	20.45	20.7	0.0
20	QPSK	50	28	20.40	20.53	20.42	20.7	0.0
20	QPSK	50	56	20.42	20.46	20.41	20.7	0.0
20	QPSK	100	0	20.44	20.52	20.41		
20	16QAM	1	1	20.36	20.46	20.44	20.7	0.0
20	64QAM	1	1	20.38	20.44	20.37	20.7	0.0
20	256QAM	1	1	20.37	20.42	20.40	20.7	0.0
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.45	20.44	20.44	20.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.42	20.52	20.39	20.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.42	20.50	20.36	20.7	0.0

n71 Ant1 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		23.72		24.2	0.0
35	π/2 BPSK	1	90		23.76			
35	π/2 BPSK	1	186		23.70			
35	π/2 BPSK	90	0		23.68		24.2	0.0
35	π/2 BPSK	90	45		23.79		24.2	0.0
35	π/2 BPSK	90	90		23.76		24.2	0.0
35	π/2 BPSK	180	0		23.74			
35	QPSK	1	1		23.83		24.2	0.0
35	QPSK	1	90		23.78			
35	QPSK	1	186		23.71			
35	QPSK	90	0		23.74		24.2	0.0
35	QPSK	90	45		23.80		24.2	0.0
35	QPSK	90	90		23.79		24.2	0.0
35	QPSK	180	0		23.77			
35	16QAM	1	1		23.73		24.2	0.0
35	64QAM	1	1		22.85		23.2	1.0
35	256QAM	1	1		20.80		21.2	3.0
Channel				135600	136100	136600	Tune-up limit	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	23.72	23.78	23.76	24.2	0.0
Channel				135100	136100	137100	Tune-up limit	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.59	23.73	23.72	24.2	0.0
Channel				134600	136100	137600	Tune-up limit	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.67	23.64	23.65	24.2	0.0
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.62	23.76	23.65	24.2	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.70	23.72	23.63	24.2	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.67	23.69	23.72	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	18.36	18.27	18.31	19.0	0.0
40	PI/2 BPSK	1	108	18.33	18.38	18.27		
40	PI/2 BPSK	1	214	18.26	18.37	18.22		
40	PI/2 BPSK	108	0	18.34	18.29	18.23	19.0	0.0
40	PI/2 BPSK	108	54	18.36	18.33	18.32	19.0	0.0
40	PI/2 BPSK	108	108	18.29	18.32	18.26	19.0	0.0
40	PI/2 BPSK	216	0	18.24	18.28	18.23		
40	QPSK	1	1	18.38	18.41	18.35	19.0	0.0
40	QPSK	1	108	18.33	18.33	18.21		
40	QPSK	1	214	18.29	18.30	18.32		
40	QPSK	108	0	18.26	18.27	18.32	19.0	0.0
40	QPSK	108	54	18.26	18.38	18.22	19.0	0.0
40	QPSK	108	108	18.24	18.31	18.25	19.0	0.0
40	QPSK	216	0	18.31	18.35	18.32		
40	16QAM	1	1	18.34	18.29	18.30	19.0	0.0
40	64QAM	1	1	18.25	18.30	18.21	19.0	0.0
40	256QAM	1	1	18.27	18.32	18.32	19.0	0.0
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	18.35	18.35	18.30	19.0	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.26	18.33	18.32	19.0	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.25	18.30	18.32	19.0	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.31	18.30	18.30	19.0	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.31	18.38	18.21	19.0	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.27	18.31	18.24	19.0	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.36	18.29	18.28	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.74	17.77	17.64	18.0	0.0
50	PI/2 BPSK	1	135	17.75	17.79	17.67		
50	PI/2 BPSK	1	268	17.71	17.78	17.64		
50	PI/2 BPSK	135	0	17.68	17.72	17.63	18.0	0.0
50	PI/2 BPSK	135	68	17.65	17.70	17.70	18.0	0.0
50	PI/2 BPSK	135	135	17.74	17.78	17.62	18.0	0.0
50	PI/2 BPSK	270	0	17.75	17.72	17.71		
50	QPSK	1	1	17.78	17.83	17.75	18.0	0.0
50	QPSK	1	135	17.72	17.74	17.68		
50	QPSK	1	268	17.70	17.81	17.65		
50	QPSK	135	0	17.74	17.70	17.66	18.0	0.0
50	QPSK	135	68	17.65	17.80	17.64	18.0	0.0
50	QPSK	135	135	17.75	17.73	17.73	18.0	0.0
50	QPSK	270	0	17.72	17.77	17.61		
50	16QAM	1	1	17.75	17.75	17.68	18.0	0.0
50	64QAM	1	1	17.73	17.73	17.66	18.0	0.0
50	256QAM	1	1	17.67	17.74	17.66	18.0	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.66	17.73	17.71	18.0	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.67	17.71	17.69	18.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.76	17.70	17.64	18.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.70	17.72	17.64	18.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.74	17.75	17.71	18.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.64	17.80	17.61	18.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.70	17.80	17.71	18.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.64	17.72	17.67	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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	19.44	19.54	19.39	20.0	0.0
40	PI/2 BPSK	1	108	19.45	19.52	19.35		
40	PI/2 BPSK	1	214	19.37	19.52	19.46		
40	PI/2 BPSK	108	0	19.49	19.48	19.37	20.0	0.0
40	PI/2 BPSK	108	54	19.46	19.49	19.37	20.0	0.0
40	PI/2 BPSK	108	108	19.44	19.52	19.40	20.0	0.0
40	PI/2 BPSK	216	0	19.47	19.50	19.38		
40	QPSK	1	1	19.51	19.56	19.48	20.0	0.0
40	QPSK	1	108	19.43	19.49	19.41		
40	QPSK	1	214	19.39	19.45	19.37		
40	QPSK	108	0	19.41	19.50	19.35	20.0	0.0
40	QPSK	108	54	19.40	19.53	19.42	20.0	0.0
40	QPSK	108	108	19.47	19.49	19.39	20.0	0.0
40	QPSK	216	0	19.48	19.49	19.44		
40	16QAM	1	1	19.37	19.44	19.40	20.0	0.0
40	64QAM	1	1	19.43	19.43	19.34	20.0	0.0
40	256QAM	1	1	19.39	19.45	19.42	20.0	0.0
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.41	19.44	19.45	20.0	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.49	19.45	19.42	20.0	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.40	19.51	19.36	20.0	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.42	19.52	19.36	20.0	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.49	19.53	19.38	20.0	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.45	19.44	19.41	20.0	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.41	19.52	19.35	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	18.16	18.27	18.30	18.7	0.0
45	π/2 BPSK	1	120	18.25	18.24	18.22		
45	π/2 BPSK	1	240	18.20	18.27	18.28		
45	π/2 BPSK	120	0	18.27	18.31	18.19	18.7	0.0
45	π/2 BPSK	120	60	18.20	18.26	18.22	18.7	0.0
45	π/2 BPSK	120	120	18.23	18.21	18.19	18.7	0.0
45	π/2 BPSK	240	0	18.21	18.33	18.23		
45	QPSK	1	1	18.29	18.35	18.32	18.7	0.0
45	QPSK	1	120	18.18	18.22	18.26		
45	QPSK	1	240	18.22	18.23	18.21		
45	QPSK	120	0	18.24	18.30	18.21	18.7	0.0
45	QPSK	120	60	18.15	18.33	18.20	18.7	0.0
45	QPSK	120	120	18.17	18.28	18.19	18.7	0.0
45	QPSK	240	0	18.21	18.30	18.22		
45	16QAM	1	1	18.25	18.28	18.28	18.7	0.0
45	64QAM	1	1	18.15	18.22	18.25	18.7	0.0
45	256QAM	1	1	18.17	18.27	18.20	18.7	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.22	18.30	18.28	18.7	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.21	18.22	18.26	18.7	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.17	18.27	18.25	18.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.25	18.30	18.18	18.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.21	18.23	18.21	18.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.24	18.22	18.24	18.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.27	18.23	18.20	18.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.23	18.27	18.29	18.7	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	17.33	17.36	17.32	17.7	0.0
40	PI/2 BPSK	1	53	17.34	17.31	17.31		
40	PI/2 BPSK	1	104	17.26	17.32	17.22		
40	PI/2 BPSK	50	0	17.25	17.32	17.32	17.7	0.0
40	PI/2 BPSK	50	28	17.33	17.40	17.32	17.7	0.0
40	PI/2 BPSK	50	56	17.28	17.29	17.30	17.7	0.0
40	PI/2 BPSK	100	0	17.35	17.33	17.29		
40	QPSK	1	1	17.38	17.42	17.35	17.7	0.0
40	QPSK	1	53	17.29	17.39	17.31		
40	QPSK	1	104	17.28	17.37	17.28		
40	QPSK	50	0	17.35	17.31	17.23	17.7	0.0
40	QPSK	50	28	17.24	17.39	17.22	17.7	0.0
40	QPSK	50	56	17.25	17.31	17.30	17.7	0.0
40	QPSK	100	0	17.26	17.37	17.22		
40	16QAM	1	1	17.34	17.30	17.32	17.7	0.0
40	64QAM	1	1	17.35	17.33	17.23	17.7	0.0
40	256QAM	1	1	17.31	17.29	17.32	17.7	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.27	17.35	17.24	17.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.35	17.35	17.28	17.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.26	17.39	17.26	17.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.27	17.33	17.22	17.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.26	17.33	17.29	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.03	17.00	17.04	17.5	0.0
100	PI/2 BPSK	1	137	16.98	17.03	17.03		
100	PI/2 BPSK	1	271	17.04	17.05	16.92		
100	PI/2 BPSK	135	0	17.01	17.01	16.99	17.5	0.0
100	PI/2 BPSK	135	69	16.98	17.04	16.97	17.5	0.0
100	PI/2 BPSK	135	138	17.06	17.07	17.03	17.5	0.0
100	PI/2 BPSK	270	0	16.95	17.01	16.99		
100	QPSK	1	1	17.08	17.11	17.06	17.5	0.0
100	QPSK	1	137	16.94	17.01	17.00		
100	QPSK	1	271	17.03	17.01	16.95		
100	QPSK	135	0	17.03	16.99	17.04	17.5	0.0
100	QPSK	135	69	16.96	17.06	16.99	17.5	0.0
100	QPSK	135	138	17.04	16.98	17.04	17.5	0.0
100	QPSK	270	0	17.02	17.04	17.03		
100	16QAM	1	1	16.95	16.98	16.99	17.5	0.0
100	64QAM	1	1	16.96	16.99	16.95	17.5	0.0
100	256QAM	1	1	16.97	17.02	17.00	17.5	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.96	17.01	16.97	17.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.03	16.98	16.93	17.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.00	17.07	17.02	17.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.02	17.02	17.00	17.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.05	16.97	17.03	17.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.97	17.08	16.95	17.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.00	17.08	16.93	17.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.95	17.01	17.03	17.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.03	17.04	17.01	17.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.03	16.99	16.94	17.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.95	17.05	16.96	17.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.03	17.01	17.02	17.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.99	17.06	16.94	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	PI/2 BPSK	1	1	16.88	17.00	16.83	18.0	0.0
40	PI/2 BPSK	1	53	16.93	17.02	16.89		
40	PI/2 BPSK	1	104	16.90	17.01	16.86		
40	PI/2 BPSK	50	0	16.93	16.96	16.92	18.0	0.0
40	PI/2 BPSK	50	28	16.85	16.99	16.94	18.0	0.0
40	PI/2 BPSK	50	56	16.96	17.03	16.90	18.0	0.0
40	PI/2 BPSK	100	0	16.92	16.99	16.88		
40	QPSK	1	1	16.98	17.05	16.96	18.0	0.0
40	QPSK	1	53	16.88	16.97	16.91		
40	QPSK	1	104	16.91	16.97	16.84		
40	QPSK	50	0	16.95	16.94	16.87	18.0	0.0
40	QPSK	50	28	16.93	17.02	16.88	18.0	0.0
40	QPSK	50	56	16.86	16.96	16.87	18.0	0.0
40	QPSK	100	0	16.89	16.98	16.87		
40	16QAM	1	1	16.88	16.97	16.89	18.0	0.0
40	64QAM	1	1	16.89	16.92	16.86	18.0	0.0
40	256QAM	1	1	16.87	16.96	16.91	18.0	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.84	17.02	16.91	18.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.89	16.94	16.87	18.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.89	17.00	16.91	18.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.90	16.91	16.94	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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	16.10	16.20	16.16	16.5	0.0
100	Pi/2 BPSK	1	137	16.13	16.23	16.10		
100	Pi/2 BPSK	1	271	16.16	16.19	16.14		
100	Pi/2 BPSK	135	0	16.09	16.16	16.12	16.5	0.0
100	Pi/2 BPSK	135	69	16.09	16.21		16.5	0.0
100	Pi/2 BPSK	135	138	16.09	16.18	16.15	16.5	0.0
100	Pi/2 BPSK	270	0	16.06	16.21	16.12		
100	QPSK	1	1	16.19	16.25	16.21	16.5	0.0
100	QPSK	1	137	16.10	16.13	16.18		
100	QPSK	1	271	16.06	16.13	16.10		
100	QPSK	135	0	16.16	16.19	16.18	16.5	0.0
100	QPSK	135	69	16.09	16.22	16.10	16.5	0.0
100	QPSK	135	138	16.14	16.12	16.13	16.5	0.0
100	QPSK	270	0	16.14	16.20	16.13		
100	16QAM	1	1	16.06	16.14	16.08	16.5	0.0
100	64QAM	1	1	16.10	16.15	16.11	16.5	0.0
100	256QAM	1	1	16.08	16.13	16.08	16.5	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.11	16.19	16.09	16.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.16	16.14	16.13	16.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.10	16.18	16.09	16.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.11	16.22	16.13	16.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.09	16.17	16.14	16.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.11	16.11	16.16	16.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.12	16.16	16.14	16.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.07	16.16	16.12	16.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.06	16.21	16.16	16.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.05	16.14	16.12	16.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.07	16.13	16.12	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	19.65	19.72	19.61	20.0	0.0
100	Pi/2 BPSK	1	137	19.62	19.71	19.61		
100	Pi/2 BPSK	1	271	19.62	19.71	19.64		
100	Pi/2 BPSK	135	0	19.56	19.61	19.65	20.0	0.0
100	Pi/2 BPSK	135	69	19.57	19.66	19.65	20.0	0.0
100	Pi/2 BPSK	135	138	19.61	19.62	19.63	20.0	0.0
100	Pi/2 BPSK	270	0	19.53	19.69	19.57		
100	QPSK	1	1	19.70	19.78	19.73	20.0	0.0
100	QPSK	1	137	19.64	19.59	19.72		
100	QPSK	1	271	19.61	19.57	19.59		
100	QPSK	135	0	19.65	19.72	19.72	20.0	0.0
100	QPSK	135	69	19.63	19.76	19.61	20.0	0.0
100	QPSK	135	138	19.69	19.67	19.67	20.0	0.0
100	QPSK	270	0	19.58	19.70	19.65		
100	16QAM	1	1	19.51	19.65	19.60	20.0	0.0
100	64QAM	1	1	19.61	19.61	19.65	20.0	0.0
100	256QAM	1	1	19.59	19.61	19.64	20.0	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.54	19.70	19.66	20.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.61	19.73	19.69	20.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.65	19.62	19.58	20.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.55	19.67	19.60	20.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.59	19.69	19.59	20.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.65	19.64	19.63	20.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.57	19.74	19.63	20.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.54	19.64	19.68	20.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.57	19.68	19.64	20.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.59	19.67	19.67	20.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.65	19.67	19.65	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					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		15.64		16.5	0.0
100	Pi/2 BPSK	1	137		15.63			
100	Pi/2 BPSK	1	271		15.64			
100	Pi/2 BPSK	135	0		15.56		16.5	0.0
100	Pi/2 BPSK	135	69		15.62		16.5	0.0
100	Pi/2 BPSK	135	138		15.55		16.5	0.0
100	Pi/2 BPSK	270	0		15.58			
100	QPSK	1	1		15.66		16.5	0.0
100	QPSK	1	137		15.55			
100	QPSK	1	271		15.55			
100	QPSK	135	0		15.63		16.5	0.0
100	QPSK	135	69		15.64		16.5	0.0
100	QPSK	135	138		15.59		16.5	0.0
100	QPSK	270	0		15.61			
100	16QAM	1	1		15.58		16.5	0.0
100	64QAM	1	1		15.55		16.5	0.0
100	256QAM	1	1		15.56		16.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.54	15.60	15.58	16.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.43	15.53	15.54	16.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.52	15.58	15.52	16.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.51	15.59	15.48	16.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.52	15.58	15.47	16.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.52	15.51	15.47	16.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.45	15.56	15.57	16.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.53	15.55	15.51	16.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.46	15.58	15.51	16.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.44	15.52	15.51	16.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.44	15.59	15.51	16.5	0.0

Part27Q n77 PC2 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		19.17		20.0	0.0
100	Pi/2 BPSK	1	137		19.07			
100	Pi/2 BPSK	1	271		19.16			
100	Pi/2 BPSK	135	0		19.10		20.0	0.0
100	Pi/2 BPSK	135	69		19.18		20.0	0.0
100	Pi/2 BPSK	135	138		19.00		20.0	0.0
100	Pi/2 BPSK	270	0		19.07			
100	QPSK	1	1		19.24		20.0	0.0
100	QPSK	1	137		19.06			
100	QPSK	1	271		18.97			
100	QPSK	135	0		19.15		20.0	0.0
100	QPSK	135	69		19.21		20.0	0.0
100	QPSK	135	138		19.20		20.0	0.0
100	QPSK	270	0		19.17			
100	16QAM	1	1		19.08		20.0	0.0
100	64QAM	1	1		19.09		20.0	0.0
100	256QAM	1	1		19.08		20.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.20	19.16	19.10	20.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.19	19.14	19.14	20.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.11	19.09	19.11	20.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.18	19.16	19.20	20.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.17	19.17	19.14	20.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.14	19.17	19.11	20.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.17	19.13	19.11	20.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.11	19.09	19.12	20.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.13	19.14	19.18	20.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.09	19.12	19.14	20.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.20	19.10	19.16	20.0	0.0

Part27O n78 Ant5 DSI1

BW [MHz]	Modulation	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		16.17		16.5	0.0
100	Pi/2 BPSK	1	137		16.14			
100	Pi/2 BPSK	1	271		16.17			
100	Pi/2 BPSK	135	0		16.10		16.5	0.0
100	Pi/2 BPSK	135	69		16.11		16.5	0.0
100	Pi/2 BPSK	135	138		16.15		16.5	0.0
100	Pi/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.25		16.5	0.0
100	QPSK	1	137		16.01			
100	QPSK	1	271		16.12			
100	QPSK	135	0		16.18		16.5	0.0
100	QPSK	135	69		16.19		16.5	0.0
100	QPSK	135	138		16.04		16.5	0.0
100	QPSK	270	0		16.14			
100	16QAM	1	1		16.10		16.5	0.0
100	64QAM	1	1		16.03		16.5	0.0
100	256QAM	1	1		16.06		16.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.06	16.18	16.16	16.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.08	16.11	16.13	16.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.10	16.20	16.11	16.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.12	16.14	16.15	16.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.05	16.12	16.14	16.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.07	16.12	16.09	16.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.08	16.20	16.18	16.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.07	16.11	16.14	16.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.13	16.21	16.17	16.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.10	16.14	16.12	16.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.05	16.20	16.13	16.5	0.0

Part27O n78 PC2 Ant5 DSI1

BW [MHz]	Modulation	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		19.62		20.0	0.0
100	Pi/2 BPSK	1	137		19.63			
100	Pi/2 BPSK	1	271		19.68			
100	Pi/2 BPSK	135	0		19.64		20.0	0.0
100	Pi/2 BPSK	135	69		19.57		20.0	0.0
100	Pi/2 BPSK	135	138		19.66		20.0	0.0
100	Pi/2 BPSK	270	0		19.67			
100	QPSK	1	1		19.78		20.0	0.0
100	QPSK	1	137		19.57			
100	QPSK	1	271		19.62			
100	QPSK	135	0		19.68		20.0	0.0
100	QPSK	135	69		19.70		20.0	0.0
100	QPSK	135	138		19.52		20.0	0.0
100	QPSK	270	0		19.65			
100	16QAM	1	1		19.57		20.0	0.0
100	64QAM	1	1		19.56		20.0	0.0
100	256QAM	1	1		19.56		20.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.68	19.63	19.65	20.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.70	19.63	19.65	20.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.65	19.71	19.65	20.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.67	19.71	19.71	20.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.68	19.73	19.63	20.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.62	19.72	19.64	20.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.67	19.66	19.65	20.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.64	19.64	19.66	20.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.67	19.63	19.64	20.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.70	19.63	19.71	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.65	19.74	19.67	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		16.10		16.5	0.0
100	PI/2 BPSK	1	137		16.09			
100	PI/2 BPSK	1	271		16.06			
100	PI/2 BPSK	135	0		15.94		16.5	0.0
100	PI/2 BPSK	135	69		16.07		16.5	0.0
100	PI/2 BPSK	135	138		16.04		16.5	0.0
100	PI/2 BPSK	270	0		16.06			
100	QPSK	1	1		16.16		16.5	0.0
100	QPSK	1	137		15.86			
100	QPSK	1	271		16.04			
100	QPSK	135	0		16.04		16.5	0.0
100	QPSK	135	69		16.11		16.5	0.0
100	QPSK	135	138		15.93		16.5	0.0
100	QPSK	270	0		16.00			
100	16QAM	1	1		16.04		16.5	0.0
100	64QAM	1	1		15.94		16.5	0.0
100	256QAM	1	1		15.99		16.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.95	16.06	16.00	16.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.94	16.08	16.03	16.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.99	16.06	16.06	16.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.98	16.02	16.02	16.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.02	16.05	16.03	16.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.97	16.13	16.06	16.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.91	16.14	16.04	16.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.95	16.03	16.04	16.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.99	16.11	16.01	16.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.98	16.13	16.00	16.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.92	16.12	16.10	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		19.44		20.0	0.0
100	PI/2 BPSK	1	137		19.39			
100	PI/2 BPSK	1	271		19.42			
100	PI/2 BPSK	135	0		19.44		20.0	0.0
100	PI/2 BPSK	135	69		19.44		20.0	0.0
100	PI/2 BPSK	135	138		19.50		20.0	0.0
100	PI/2 BPSK	270	0		19.39			
100	QPSK	1	1		19.55		20.0	0.0
100	QPSK	1	137		19.28			
100	QPSK	1	271		19.42			
100	QPSK	135	0		19.48		20.0	0.0
100	QPSK	135	69		19.50		20.0	0.0
100	QPSK	135	138		19.34		20.0	0.0
100	QPSK	270	0		19.43			
100	16QAM	1	1		19.45		20.0	0.0
100	64QAM	1	1		19.35		20.0	0.0
100	256QAM	1	1		19.34		20.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.43	19.43	19.45	20.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.46	19.44	19.48	20.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.42	19.43	19.49	20.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.49	19.47	19.39	20.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.46	19.44	19.46	20.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.42	19.43	19.41	20.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.49	19.51	19.41	20.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.41	19.50	19.50	20.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.42	19.42	19.45	20.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.40	19.51	19.49	20.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.45	19.40	19.49	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	17.26	17.24	17.26	18.4	0.0
40	PI/2 BPSK	1	108	17.20	17.30	17.24		
40	PI/2 BPSK	1	214	17.23	17.25	17.28		
40	PI/2 BPSK	108	0	17.24	17.25	17.28	18.4	0.0
40	PI/2 BPSK	108	54	17.23	17.24	17.28	18.4	0.0
40	PI/2 BPSK	108	108	17.29	17.32	17.25	18.4	0.0
40	PI/2 BPSK	216	0	17.22	17.31	17.21		
40	QPSK	1	1	17.31	17.38	17.33	18.4	0.0
40	QPSK	1	108	17.21	17.34	17.19		
40	QPSK	1	214	17.23	17.30	17.26		
40	QPSK	108	0	17.28	17.31	17.24	18.4	0.0
40	QPSK	108	54	17.27	17.35	17.22	18.4	0.0
40	QPSK	108	108	17.26	17.28	17.30	18.4	0.0
40	QPSK	216	0	17.21	17.31	17.22		
40	16QAM	1	1	17.20	17.30	17.23	18.4	0.0
40	64QAM	1	1	17.22	17.24	17.29	18.4	0.0
40	256QAM	1	1	16.78	16.85	16.80	17.9	0.5
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.28	17.35	17.28	18.4	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.22	17.35	17.30	18.4	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.23	17.27	17.24	18.4	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.22	17.26	17.31	18.4	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.26	17.30	17.23	18.4	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.28	17.34	17.25	18.4	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.22	17.28	17.22	18.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.89	16.88	16.89	17.8	0.0
50	PI/2 BPSK	1	135	16.81	16.88	16.89		
50	PI/2 BPSK	1	268	16.89	16.95	16.84		
50	PI/2 BPSK	135	0	16.80	16.97	16.89	17.8	0.0
50	PI/2 BPSK	135	68	16.82	16.90	16.84	17.8	0.0
50	PI/2 BPSK	135	135	16.89	16.92	16.84	17.8	0.0
50	PI/2 BPSK	270	0	16.87	16.94	16.91		
50	QPSK	1	1	16.92	17.00	16.96	17.8	0.0
50	QPSK	1	135	16.80	16.88	16.92		
50	QPSK	1	268	16.88	16.87	16.85		
50	QPSK	135	0	16.89	16.86	16.84	17.8	0.0
50	QPSK	135	68	16.79	16.96	16.94	17.8	0.0
50	QPSK	135	135	16.83	16.91	16.89	17.8	0.0
50	QPSK	270	0	16.79	16.94	16.89		
50	16QAM	1	1	16.86	16.90	16.86	17.8	0.0
50	64QAM	1	1	16.79	16.92	16.85	17.8	0.0
50	256QAM	1	1	16.78	16.91	16.85	17.8	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.86	16.97	16.92	17.8	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.90	16.88	16.91	17.8	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.83	16.90	16.83	17.8	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.89	16.91	16.91	17.8	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.87	16.87	16.92	17.8	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.86	16.96	16.92	17.8	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.81	16.93	16.89	17.8	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.80	16.94	16.92	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	15.77	15.82	15.69	16.9	0.0
40	PI/2 BPSK	1	108	15.74	15.75	15.74		
40	PI/2 BPSK	1	214	15.73	15.77	15.78		
40	PI/2 BPSK	108	0	15.80	15.74	15.75	16.9	0.0
40	PI/2 BPSK	108	54	15.79	15.74	15.74	16.9	0.0
40	PI/2 BPSK	108	108	15.75	15.84	15.69	16.9	0.0
40	PI/2 BPSK	216	0	15.71	15.74	15.75		
40	QPSK	1	1	15.83	15.86	15.81	16.9	0.0
40	QPSK	1	108	15.73	15.73	15.77		
40	QPSK	1	214	15.71	15.76	15.78		
40	QPSK	108	0	15.72	15.75	15.78	16.9	0.0
40	QPSK	108	54	15.70	15.83	15.79	16.9	0.0
40	QPSK	108	108	15.81	15.78	15.70	16.9	0.0
40	QPSK	216	0	15.71	15.81	15.67		
40	16QAM	1	1	15.79	15.77	15.72	16.9	0.0
40	64QAM	1	1	15.77	15.75	15.79	16.9	0.0
40	256QAM	1	1	15.76	15.78	15.78	16.9	0.0
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	15.70	15.79	15.70	16.9	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.81	15.76	15.68	16.9	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.69	15.72	15.78	16.9	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.72	15.82	15.70	16.9	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.77	15.73	15.71	16.9	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.70	15.81	15.69	16.9	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.69	15.72	15.71	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	14.18	14.29	14.13	14.9	0.0
45	π/2 BPSK	1	120	14.19	14.20	14.14		
45	π/2 BPSK	1	240	14.20	14.25	14.20		
45	π/2 BPSK	120	0	14.22	14.29	14.22	14.9	0.0
45	π/2 BPSK	120	60	14.24	14.28	14.16	14.9	0.0
45	π/2 BPSK	120	120	14.24	14.26	14.18	14.9	0.0
45	π/2 BPSK	240	0	14.16	14.30	14.20		
45	QPSK	1	1	14.28	14.34	14.25	14.9	0.0
45	QPSK	1	120	14.15	14.20	14.18		
45	QPSK	1	240	14.20	14.24	14.19		
45	QPSK	120	0	14.15	14.26	14.22	14.9	0.0
45	QPSK	120	60	14.20	14.32	14.16	14.9	0.0
45	QPSK	120	120	14.20	14.31	14.12	14.9	0.0
45	QPSK	240	0	14.25	14.29	14.14		
45	16QAM	1	1	14.24	14.22	14.22	14.9	0.0
45	64QAM	1	1	14.15	14.29	14.14	14.9	0.0
45	256QAM	1	1	14.26	14.28	14.12	14.9	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	14.14	14.26	14.20	14.9	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	14.22	14.23	14.15	14.9	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.19	14.20	14.19	14.9	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	14.20	14.30	14.15	14.9	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	14.25	14.21	14.16	14.9	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.20	14.28	14.11	14.9	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.23	14.27	14.13	14.9	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.23	14.27	14.20	14.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	17.96	17.92	17.88	19.1	0.0
40	PI/2 BPSK	1	53	17.95	17.97	17.86		
40	PI/2 BPSK	1	104	17.87	18.00	17.84		
40	PI/2 BPSK	50	0	17.87	17.94	17.84	19.1	0.0
40	PI/2 BPSK	50	28	17.97	17.94	17.89	19.1	0.0
40	PI/2 BPSK	50	56	17.93	17.98	17.89	19.1	0.0
40	PI/2 BPSK	100	0	17.90	17.91	17.90		
40	QPSK	1	1	18.00	18.05	17.98	19.1	0.0
40	QPSK	1	53	17.86	17.98	17.94		
40	QPSK	1	104	17.96	17.93	17.94		
40	QPSK	50	0	17.89	17.95	17.94	19.1	0.0
40	QPSK	50	28	17.92	18.01	17.90	19.1	0.0
40	QPSK	50	56	17.86	17.93	17.90	19.1	0.0
40	QPSK	100	0	17.98	17.99	17.85		
40	16QAM	1	1	17.98	17.95	17.91	19.1	0.0
40	64QAM	1	1	17.89	17.98	17.85	19.1	0.0
40	256QAM	1	1	17.96	17.97	17.84	19.1	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.89	17.99	17.96	19.1	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.91	17.97	17.86	19.1	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.98	18.00	17.91	19.1	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.96	17.93	17.92	19.1	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.92	17.97	17.85	19.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.05	17.20	17.02	18.3	0.0
100	PI/2 BPSK	1	137	17.13	17.16	17.06		
100	PI/2 BPSK	1	271	17.11	17.13	17.03		
100	PI/2 BPSK	135	0	17.06	17.17	17.11	18.3	0.0
100	PI/2 BPSK	135	69	17.14	17.16	17.13	18.3	0.0
100	PI/2 BPSK	135	138	17.13	17.12	17.10	18.3	0.0
100	PI/2 BPSK	270	0	17.07	17.15	17.08		
100	QPSK	1	1	17.19	17.23	17.15	18.3	0.0
100	QPSK	1	137	17.12	17.17	17.02		
100	QPSK	1	271	17.11	17.15	17.07		
100	QPSK	135	0	17.10	17.15	17.07	18.3	0.0
100	QPSK	135	69	17.16	17.20	17.09	18.3	0.0
100	QPSK	135	138	17.06	17.14	17.12	18.3	0.0
100	QPSK	270	0	17.15	17.19	17.06		
100	16QAM	1	1	17.12	17.15	17.11	18.3	0.0
100	64QAM	1	1	17.17	17.17	17.05	18.3	0.0
100	256QAM	1	1	17.11	17.10	17.05	18.3	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.12	17.19	17.02	18.3	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.08	17.09	17.07	18.3	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.13	17.16	17.12	18.3	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.13	17.13	17.10	18.3	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.07	17.18	17.08	18.3	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.12	17.11	17.13	18.3	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.06	17.13	17.02	18.3	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.16	17.14	17.07	18.3	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.06	17.17	17.11	18.3	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.15	17.10	17.11	18.3	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.09	17.20	17.06	18.3	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.09	17.12	17.01	18.3	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.05	17.18	17.05	18.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.00	18.11	17.96	18.7	0.0
100	PI/2 BPSK	1	137	18.01	18.02	18.04		
100	PI/2 BPSK	1	271	18.07	18.04	17.98		
100	PI/2 BPSK	135	0	18.01	18.02	18.05	18.7	0.0
100	PI/2 BPSK	135	69	17.99	18.12	18.06	18.7	0.0
100	PI/2 BPSK	135	138	18.02	18.11	18.00	18.7	0.0
100	PI/2 BPSK	270	0	17.97	18.05	17.99		
100	QPSK	1	1	18.10	18.15	18.08	18.7	0.0
100	QPSK	1	137	18.02	18.12	17.97		
100	QPSK	1	271	18.04	18.02	18.01		
100	QPSK	135	0	18.06	18.10	17.96	18.7	0.0
100	QPSK	135	69	18.00	18.12	18.05	18.7	0.0
100	QPSK	135	138	17.97	18.04	18.04	18.7	0.0
100	QPSK	270	0	17.98	18.09	18.05		
100	16QAM	1	1	18.01	18.06	18.04	18.7	0.0
100	64QAM	1	1	18.05	18.05	17.96	18.7	0.0
100	256QAM	1	1	18.05	18.08	18.01	18.7	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.05	18.10	18.08	18.7	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.00	18.05	17.97	18.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.95	18.01	17.97	18.7	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.94	17.98	17.97	18.7	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.96	18.01	18.05	18.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.02	17.96	18.05	18.7	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.92	18.03	18.05	18.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.94	18.07	18.06	18.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.00	18.00	17.99	18.7	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.02	17.99	18.02	18.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.96	17.96	17.99	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	20.94	21.08	20.92	21.7	0.0
100	Pi/2 BPSK	1	137	20.97	21.05	21.01		
100	Pi/2 BPSK	1	271	21.10	21.02	21.04		
100	Pi/2 BPSK	135	0	20.97	21.03	21.03	21.7	0.0
100	Pi/2 BPSK	135	69	21.02	21.10	21.04	21.7	0.0
100	Pi/2 BPSK	135	138	21.08	21.09	21.00	21.7	0.0
100	Pi/2 BPSK	270	0	21.00	21.02	20.97		
100	QPSK	1	1	21.05	21.16	21.09	21.7	0.0
100	QPSK	1	137	21.05	21.09	20.92		
100	QPSK	1	271	21.07	21.02	21.06		
100	QPSK	135	0	21.03	21.10	20.94	21.7	0.0
100	QPSK	135	69	20.97	21.15	21.03	21.7	0.0
100	QPSK	135	138	20.99	21.08	21.02	21.7	0.0
100	QPSK	270	0	20.98	21.10	21.00		
100	16QAM	1	1	21.06	21.04	21.05	21.7	0.0
100	64QAM	1	1	21.06	21.09	20.96	21.7	0.0
100	256QAM	1	1	20.99	21.04	21.00	21.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.98	21.10	20.98	21.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.92	21.11	20.96	21.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.99	21.06	20.93	21.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.00	21.07	21.02	21.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.01	21.03	20.98	21.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.00	21.03	20.99	21.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.90	21.03	21.03	21.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.99	21.09	21.02	21.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.98	21.09	21.00	21.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.98	21.02	20.99	21.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.01	21.06	21.00	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		17.99		18.7	0.0
100	Pi/2 BPSK	1	137		17.96			
100	Pi/2 BPSK	1	271		17.99			
100	Pi/2 BPSK	135	0		17.97		18.7	0.0
100	Pi/2 BPSK	135	69		18.09		18.7	0.0
100	Pi/2 BPSK	135	138		18.04		18.7	0.0
100	Pi/2 BPSK	270	0		17.95			
100	QPSK	1	1		18.10		18.7	0.0
100	QPSK	1	137		18.04			
100	QPSK	1	271		17.96			
100	QPSK	135	0		17.98		18.7	0.0
100	QPSK	135	69		18.04		18.7	0.0
100	QPSK	135	138		17.93		18.7	0.0
100	QPSK	270	0		18.01			
100	16QAM	1	1		18.04		18.7	0.0
100	64QAM	1	1		18.04		18.7	0.0
100	256QAM	1	1		18.08		18.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.05	18.01	17.97	18.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.95	18.01	18.02	18.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.97	18.01	18.01	18.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.04	18.07	17.96	18.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.97	17.98	18.05	18.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.03	18.04	18.04	18.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.95	18.07	18.03	18.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.01	18.02	18.06	18.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.00	18.00	18.01	18.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.01	18.03	18.07	18.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.97	18.00	18.02	18.7	0.0

Part27Q n77 PC2 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		21.05		21.7	0.0
100	Pi/2 BPSK	1	137		20.97			
100	Pi/2 BPSK	1	271		21.01			
100	Pi/2 BPSK	135	0		20.92		21.7	0.0
100	Pi/2 BPSK	135	69		21.05		21.7	0.0
100	Pi/2 BPSK	135	138		21.09		21.7	0.0
100	Pi/2 BPSK	270	0		20.94			
100	QPSK	1	1		21.11		21.7	0.0
100	QPSK	1	137		20.99			
100	QPSK	1	271		20.96			
100	QPSK	135	0		21.03		21.7	0.0
100	QPSK	135	69		21.09		21.7	0.0
100	QPSK	135	138		20.89		21.7	0.0
100	QPSK	270	0		21.00			
100	16QAM	1	1		21.02		21.7	0.0
100	64QAM	1	1		21.08		21.7	0.0
100	256QAM	1	1		21.00		21.7	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.95	20.96	21.01	21.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.00	20.90	20.95	21.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.97	21.00	20.96	21.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.99	20.98	20.89	21.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.93	20.94	20.90	21.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.92	20.99	20.98	21.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.95	20.92	20.90	21.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.96	20.96	20.92	21.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.91	20.91	20.94	21.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.93	20.97	20.94	21.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.97	20.95	20.95	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	Pi/2 BPSK	1	1		17.69		18.6	0.0
100	Pi/2 BPSK	1	137		17.72			
100	Pi/2 BPSK	1	271		17.77			
100	Pi/2 BPSK	135	0		17.71		18.6	0.0
100	Pi/2 BPSK	135	69		17.74		18.6	0.0
100	Pi/2 BPSK	135	138		17.78		18.6	0.0
100	Pi/2 BPSK	270	0		17.74			
100	QPSK	1	1		17.84		18.6	0.0
100	QPSK	1	137		17.77			
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.78		18.6	0.0
100	QPSK	135	69		17.80		18.6	0.0
100	QPSK	135	138		17.77		18.6	0.0
100	QPSK	270	0		17.78			
100	16QAM	1	1		17.67		18.6	0.0
100	64QAM	1	1		17.74		18.6	0.0
100	256QAM	1	1		17.69		18.6	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.72	17.78	17.75	18.6	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.69	17.72	17.72	18.6	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.61	17.70	17.71	18.6	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.62	17.68	17.67	18.6	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.63	17.67	17.63	18.6	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.65	17.66	17.65	18.6	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.65	17.67	17.70	18.6	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.63	17.73	17.66	18.6	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.60	17.74	17.70	18.6	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.70	17.64	17.63	18.6	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.67	17.69	17.65	18.6	0.0

Part27O n78 PC2 Ant4 DSI1

BW [MHz]	Modulation	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		20.64		21.6	0.0
100	Pi/2 BPSK	1	137		20.74			
100	Pi/2 BPSK	1	271		20.82			
100	Pi/2 BPSK	135	0		20.69		21.6	0.0
100	Pi/2 BPSK	135	69		20.72		21.6	0.0
100	Pi/2 BPSK	135	138		20.82		21.6	0.0
100	Pi/2 BPSK	270	0		20.79			
100	QPSK	1	1		20.89		21.6	0.0
100	QPSK	1	137		20.75			
100	QPSK	1	271		20.69			
100	QPSK	135	0		20.77		21.6	0.0
100	QPSK	135	69		20.83		21.6	0.0
100	QPSK	135	138		20.76		21.6	0.0
100	QPSK	270	0		20.76			
100	16QAM	1	1		20.70		21.6	0.0
100	64QAM	1	1		20.74		21.6	0.0
100	256QAM	1	1		20.67		21.6	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.67	20.67	20.76	21.6	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.76	20.72	20.75	21.6	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.77	20.73	20.71	21.6	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.71	20.66	20.77	21.6	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.70	20.73	20.65	21.6	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.66	20.65	20.72	21.6	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.74	20.70	20.76	21.6	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.65	20.70	20.66	21.6	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.69	20.69	20.74	21.6	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.68	20.72	20.75	21.6	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.73	20.77	20.74	21.6	0.0

Part27Q n78 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	Pi/2 BPSK	1	1		17.94		18.6	0.0
100	Pi/2 BPSK	1	137		17.96			
100	Pi/2 BPSK	1	271		17.91			
100	Pi/2 BPSK	135	0		17.86		18.6	0.0
100	Pi/2 BPSK	135	69		17.94		18.6	0.0
100	Pi/2 BPSK	135	138		17.93		18.6	0.0
100	Pi/2 BPSK	270	0		17.90			
100	QPSK	1	1		18.09		18.6	0.0
100	QPSK	1	137		17.94			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.92		18.6	0.0
100	QPSK	135	69		18.04		18.6	0.0
100	QPSK	135	138		17.91		18.6	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.83		18.6	0.0
100	64QAM	1	1		17.97		18.6	0.0
100	256QAM	1	1		17.88		18.6	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.88	17.86	17.92	18.6	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.88	17.87	17.89	18.6	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.81	17.86	17.91	18.6	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.82	17.87	17.84	18.6	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.88	17.91	17.83	18.6	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.82	17.88	17.86	18.6	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.84	17.86	17.89	18.6	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.82	17.91	17.83	18.6	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.79	17.93	17.86	18.6	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.87	17.93	17.81	18.6	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.83	17.94	17.83	18.6	0.0

Part27Q n78 PC2 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.90		21.6	0.0
100	π/2 BPSK	1	137		20.97			
100	π/2 BPSK	1	271		20.96			
100	π/2 BPSK	135	0		20.91		21.6	0.0
100	π/2 BPSK	135	69		20.98		21.6	0.0
100	π/2 BPSK	135	138		20.99		21.6	0.0
100	π/2 BPSK	270	0		20.96			
100	QPSK	1	1		21.11		21.6	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		20.96			
100	QPSK	135	0		20.89		21.6	0.0
100	QPSK	135	69		20.99		21.6	0.0
100	QPSK	135	138		20.93		21.6	0.0
100	QPSK	270	0		20.98			
100	16QAM	1	1		20.78		21.6	0.0
100	64QAM	1	1		20.94		21.6	0.0
100	256QAM	1	1		20.82		21.6	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.06	21.02	21.01	21.6	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.95	21.04	20.99	21.6	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.98	20.97	21.03	21.6	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.06	21.03	20.97	21.6	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.97	21.04	21.05	21.6	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.07	20.98	20.98	21.6	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.96	21.04	20.95	21.6	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.06	20.96	21.00	21.6	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.06	21.06	21.06	21.6	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.98	21.01	21.01	21.6	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.07	21.05	20.98	21.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.80	21.77	21.68	23.3	0.0
40	PI/2 BPSK	1	108	21.72	21.79	21.73		
40	PI/2 BPSK	1	214	21.78	21.77	21.71		
40	PI/2 BPSK	108	0	21.26	21.29	21.28	22.8	0.5
40	PI/2 BPSK	108	54	21.75	21.74	21.68	23.3	0.0
40	PI/2 BPSK	108	108	21.25	21.29	21.22	22.8	0.5
40	PI/2 BPSK	216	0	21.25	21.30	21.29		
40	QPSK	1	1	21.79	21.83	21.78	23.3	0.0
40	QPSK	1	108	21.74	21.82	21.76		
40	QPSK	1	214	21.70	21.81	21.76		
40	QPSK	108	0	20.80	20.83	20.83	22.3	1.0
40	QPSK	108	54	21.73	21.80	21.69	23.3	0.0
40	QPSK	108	108	20.81	20.79	20.83	22.3	1.0
40	QPSK	216	0	20.77	20.85	20.79		
40	16QAM	1	1	20.84	20.81	20.82	22.3	1.0
40	64QAM	1	1	19.32	19.35	19.29	20.8	2.5
40	256QAM	1	1	17.28	17.35	17.25	18.8	4.5
Channel				373500	376000	378500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.67	21.71	21.66	23.3	0.0
Channel				373000	376000	379000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.76	21.75	21.69	23.3	0.0
Channel				372500	376000	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.69	21.80	21.74	23.3	0.0
Channel				372000	376000	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.68	21.73	21.73	23.3	0.0
Channel				371500	376000	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.74	21.72	21.68	23.3	0.0
Channel				371000	376000	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.71	21.75	21.69	23.3	0.0
Channel				370500	376000	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.69	21.79	21.73	23.3	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	24.01	24.18	24.08	25.1	0.0
50	PI/2 BPSK	1	135	24.13	24.09	24.01		
50	PI/2 BPSK	1	268	24.03	24.15	23.95		
50	PI/2 BPSK	135	0	23.59	23.67	23.64	24.6	0.5
50	PI/2 BPSK	135	68	24.02	24.15	24.02	25.1	0.0
50	PI/2 BPSK	135	135	23.72	23.64	23.56	24.6	0.5
50	PI/2 BPSK	270	0	23.59	23.64	23.63		
50	QPSK	1	1	24.16	24.19	24.04	25.1	0.0
50	QPSK	1	135	24.03	24.13	24.02		
50	QPSK	1	268	24.07	24.11	24.13		
50	QPSK	135	0	23.14	23.14	23.08	24.1	1.0
50	QPSK	135	68	24.05	24.15	24.10	25.1	0.0
50	QPSK	135	135	23.10	23.09	23.07	24.1	1.0
50	QPSK	270	0	23.17	23.25	23.13		
50	16QAM	1	1	23.12	23.20	23.10	24.1	1.0
50	64QAM	1	1	21.64	21.67	21.60	22.6	2.5
50	256QAM	1	1	19.70	19.61	19.64	20.6	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.08	24.14	23.90	25.1	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.04	24.05	23.95	25.1	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.00	24.05	23.96	25.1	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.03	24.10	23.99	25.1	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.09	24.14	23.90	25.1	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.03	24.07	23.99	25.1	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.04	24.04	23.96	25.1	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.10	24.14	23.89	25.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	PI/2 BPSK	1	1	21.62	21.70	21.70	23.3	0.0
40	PI/2 BPSK	1	108	21.63	21.78	21.69		
40	PI/2 BPSK	1	214	21.64	21.68	21.70		
40	PI/2 BPSK	108	0	21.20	21.30	21.26	22.8	0.5
40	PI/2 BPSK	108	54	21.65	21.75	21.71	23.3	0.0
40	PI/2 BPSK	108	108	21.28	21.27	21.28	22.8	0.5
40	PI/2 BPSK	216	0	21.27	21.28	21.31		
40	QPSK	1	1	21.75	21.82	21.76	23.3	0.0
40	QPSK	1	108	21.69	21.73	21.71		
40	QPSK	1	214	21.70	21.71	21.68		
40	QPSK	108	0	20.78	20.78	20.79	22.3	1.0
40	QPSK	108	54	21.67	21.80	21.71	23.3	0.0
40	QPSK	108	108	20.72	20.80	20.77	22.3	1.0
40	QPSK	216	0	20.76	20.83	20.81		
40	16QAM	1	1	20.70	20.79	20.72	22.3	1.0
40	64QAM	1	1	19.23	19.30	19.25	20.8	2.5
40	256QAM	1	1	17.26	17.26	17.26	18.8	4.5
Channel				373500	376500	379500	Tune-up limit	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	21.60	21.67	21.71	23.3	0.0
Channel				373000	376500	380000	Tune-up limit	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.72	21.72	21.67	23.3	0.0
Channel				372500	376500	380500	Tune-up limit	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.62	21.80	21.72	23.3	0.0
Channel				372000	376500	381000	Tune-up limit	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.61	21.75	21.72	23.3	0.0
Channel				371500	376500	381500	Tune-up limit	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.61	21.76	21.67	23.3	0.0
Channel				371000	376500	382000	Tune-up limit	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.64	21.69	21.66	23.3	0.0
Channel				370500	376500	382500	Tune-up limit	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.71	21.73	21.71	23.3	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	22.48	22.53	22.48	23.7	0.0
45	π/2 BPSK	1	120	22.41	22.44	22.37		
45	π/2 BPSK	1	240	22.50	22.55	22.47		
45	π/2 BPSK	120	0	21.96	22.00	21.86	23.2	0.5
45	π/2 BPSK	120	60	22.41	22.54	22.47	23.7	0.0
45	π/2 BPSK	120	120	21.90	22.02	21.91	23.2	0.5
45	π/2 BPSK	240	0	22.01	22.14	22.11		
45	QPSK	1	1	22.56	22.60	22.54	23.7	0.0
45	QPSK	1	120	22.53	22.57	22.47		
45	QPSK	1	240	22.49	22.58	22.47		
45	QPSK	120	0	21.55	21.66	21.59	22.7	1.0
45	QPSK	120	60	22.49	22.57	22.44	23.7	0.0
45	QPSK	120	120	21.45	21.52	21.49	22.7	1.0
45	QPSK	240	0	21.63	21.72	21.66		
45	16QAM	1	1	21.40	21.53	21.48	22.7	1.0
45	64QAM	1	1	19.91	19.97	19.88	21.2	2.5
45	256QAM	1	1	17.96	17.99	17.96	19.2	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.43	22.54	22.46	23.7	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.48	22.46	22.43	23.7	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.46	22.52	22.50	23.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.47	22.53	22.52	23.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.54	22.56	22.42	23.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.46	22.50	22.41	23.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.45	22.46	22.46	23.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.43	22.49	22.43	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	24.34	24.32	24.22	25.4	0.0
40	π/2 BPSK	1	53	24.20	24.33	24.22		
40	π/2 BPSK	1	104	24.24	24.31	24.23		
40	π/2 BPSK	50	0	23.91	23.92	23.88	24.9	0.5
40	π/2 BPSK	50	28	24.45	24.51	24.35	25.4	0.0
40	π/2 BPSK	50	56	23.79	23.96	23.81	24.9	0.5
40	π/2 BPSK	100	0	23.96	24.11	23.95		
40	QPSK	1	1	24.52	24.54	24.49	25.4	0.0
40	QPSK	1	53	24.38	24.49	24.46		
40	QPSK	1	104	24.41	24.47	24.41		
40	QPSK	50	0	23.51	23.53	23.58	24.4	1.0
40	QPSK	50	28	24.51	24.53	24.38	25.4	0.0
40	QPSK	50	56	23.37	23.35	23.39	24.4	1.0
40	QPSK	100	0	23.50	23.51	23.42		
40	16QAM	1	1	23.52	23.64	23.48	24.4	1.0
40	64QAM	1	1	22.01	22.18	22.02	22.9	2.5
40	256QAM	1	1	19.89	20.07	20.05	20.9	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.96	24.06	23.98	25.4	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.98	24.10	24.02	25.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.04	24.08	24.07	25.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.02	24.03	24.02	25.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.02	24.13	24.00	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	24.20	24.38	24.23	25.6	0.0
100	π/2 BPSK	1	137	24.22	24.37	24.21		
100	π/2 BPSK	1	271	24.11	24.19	24.11		
100	π/2 BPSK	135	0	23.92	23.96	23.91	25.1	0.5
100	π/2 BPSK	135	69	24.29	24.33	24.31	25.6	0.0
100	π/2 BPSK	135	138	23.66	23.80	23.64	25.1	0.5
100	π/2 BPSK	270	0	23.90	23.87	23.85		
100	QPSK	1	1	24.36	24.47	24.42	25.6	0.0
100	QPSK	1	137	24.35	24.38	24.28		
100	QPSK	1	271	24.24	24.31	24.29		
100	QPSK	135	0	23.48	23.52	23.49	24.6	1.0
100	QPSK	135	69	24.33	24.36	24.27	25.6	0.0
100	QPSK	135	138	23.22	23.25	23.24	24.6	1.0
100	QPSK	270	0	23.38	23.43	23.39		
100	16QAM	1	1	23.68	23.73	23.67	24.6	1.0
100	64QAM	1	1	22.20	22.34	22.14	23.1	2.5
100	256QAM	1	1	20.22	20.18	20.13	21.1	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.27	24.33	24.35	25.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.28	24.43	24.37	25.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.21	24.43	24.32	25.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.21	24.40	24.27	25.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.22	24.39	24.32	25.6	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	24.30	24.31	24.28	25.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.22	24.42	24.30	25.6	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.31	24.34	24.28	25.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.27	24.34	24.29	25.6	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.22	24.40	24.32	25.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.20	24.41	24.28	25.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.23	24.35	24.37	25.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.31	24.34	24.33	25.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	22.19	22.14	22.07	23.7	0.0
100	π/2 BPSK	1	137	22.10	22.19	22.15		
100	π/2 BPSK	1	271	22.36	22.36	22.21		
100	π/2 BPSK	135	0	22.06	22.15	22.08	23.7	0.0
100	π/2 BPSK	135	69	22.17	22.16	22.01	23.7	0.0
100	π/2 BPSK	135	138	22.31	22.40	22.27	23.7	0.0
100	π/2 BPSK	270	0	22.14	22.22	22.15		
100	QPSK	1	1	22.36	22.53	22.41	23.7	0.0
100	QPSK	1	137	22.13	22.19	22.15		
100	QPSK	1	271	22.44	22.52	22.32		
100	QPSK	135	0	22.10	22.21	22.10	23.7	0.0
100	QPSK	135	69	22.18	22.32	22.30	23.7	0.0
100	QPSK	135	138	22.09	22.16	22.16	23.7	0.0
100	QPSK	270	0	22.06	22.24	22.15		
100	16QAM	1	1	22.24	22.30	22.13	23.7	0.0
100	64QAM	1	1	21.62	21.68	21.57	23.2	0.5
100	256QAM	1	1	19.60	19.70	19.60	21.2	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.27	22.44	22.31	23.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.27	22.41	22.26	23.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.31	22.37	22.36	23.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.28	22.46	22.27	23.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.21	22.48	22.29	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.30	22.45	22.36	23.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.25	22.41	22.35	23.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.25	22.47	22.32	23.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.22	22.37	22.27	23.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.24	22.40	22.27	23.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.30	22.38	22.34	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	24.44	24.51	24.35	25.7	0.0
100	π/2 BPSK	1	137	24.44	24.43	24.45		
100	π/2 BPSK	1	271	24.32	24.39	24.33		
100	π/2 BPSK	135	0	23.69	23.73	23.64	25.2	0.5
100	π/2 BPSK	135	69	24.04	24.19	24.19	25.7	0.0
100	π/2 BPSK	135	138	23.78	23.81	23.71	25.2	0.5
100	π/2 BPSK	270	0	23.81	23.87	23.70		
100	QPSK	1	1	24.52	24.56	24.46	25.7	0.0
100	QPSK	1	137	24.30	24.44	24.36		
100	QPSK	1	271	24.23	24.38	24.22		
100	QPSK	135	0	23.04	23.20	23.07	24.7	1.0
100	QPSK	135	69	24.35	24.49	24.24	25.7	0.0
100	QPSK	135	138	23.21	23.30	23.22	24.7	1.0
100	QPSK	270	0	23.17	23.25	23.22		
100	16QAM	1	1	23.15	23.30	23.31	24.7	1.0
100	64QAM	1	1	21.83	21.90	21.88	23.2	2.5
100	256QAM	1	1	19.72	19.81	19.75	21.2	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.22	24.34	24.15	25.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.23	24.24	24.19	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.30	24.27	24.17	25.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.28	24.24	24.25	25.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.27	24.27	24.16	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.26	24.34	24.24	25.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.24	24.26	24.14	25.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.26	24.26	24.23	25.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.29	24.26	24.15	25.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.19	24.26	24.22	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.28	24.29	24.14	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.27		23.7	0.0
100	π/2 BPSK	1	137		22.17			
100	π/2 BPSK	1	271		22.19			
100	π/2 BPSK	135	0		22.20		23.7	0.0
100	π/2 BPSK	135	69		22.20		23.7	0.0
100	π/2 BPSK	135	138		22.23		23.7	0.0
100	π/2 BPSK	270	0		22.22			
100	QPSK	1	1		22.36		23.7	0.0
100	QPSK	1	137		22.16			
100	QPSK	1	271		22.35			
100	QPSK	135	0		22.22		23.7	0.0
100	QPSK	135	69		22.25		23.7	0.0
100	QPSK	135	138		22.23		23.7	0.0
100	QPSK	270	0		22.12			
100	16QAM	1	1		22.16		23.7	0.0
100	64QAM	1	1		21.78		23.2	0.5
100	256QAM	1	1		19.34		21.2	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.25	22.29	22.31	23.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.30	22.20	22.21	23.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.22	22.26	22.22	23.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.32	22.29	22.29	23.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.20	22.26	22.25	23.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.26	22.30	22.29	23.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.28	22.26	22.22	23.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.27	22.29	22.27	23.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.26	22.27	22.29	23.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.21	22.32	22.31	23.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.26	22.21	22.26	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.96		25.7	0.0
100	π/2 BPSK	1	137		24.00			
100	π/2 BPSK	1	271		23.99			
100	π/2 BPSK	135	0		23.55		25.2	0.5
100	π/2 BPSK	135	69		23.93		25.7	0.0
100	π/2 BPSK	135	138		23.43		25.2	0.5
100	π/2 BPSK	270	0		23.50			
100	QPSK	1	1		24.01		25.7	0.0
100	QPSK	1	137		23.88			
100	QPSK	1	271		23.96			
100	QPSK	135	0		22.75		24.7	1.0
100	QPSK	135	69		23.98		25.7	0.0
100	QPSK	135	138		22.93		24.7	1.0
100	QPSK	270	0		23.13			
100	16QAM	1	1		22.79		24.7	1.0
100	64QAM	1	1		21.26		23.2	2.5
100	256QAM	1	1		19.21		21.2	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.95	23.95	23.87	25.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.89	23.87	23.91	25.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.86	23.89	23.87	25.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.88	23.94	23.90	25.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.93	23.88	23.95	25.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.89	23.85	23.90	25.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.91	23.91	23.88	25.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.92	23.92	23.85	25.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.89	23.89	23.93	25.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.93	23.88	23.86	25.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.85	23.95	23.93	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		22.41		23.7	0.0
100	π/2 BPSK	1	137		22.47			
100	π/2 BPSK	1	271		22.40			
100	π/2 BPSK	135	0		22.35		23.7	0.0
100	π/2 BPSK	135	69		22.33		23.7	0.0
100	π/2 BPSK	135	138		22.39		23.7	0.0
100	π/2 BPSK	270	0		22.41			
100	QPSK	1	1		22.48		23.7	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.46			
100	QPSK	135	0		22.39		23.7	0.0
100	QPSK	135	69		22.42		23.7	0.0
100	QPSK	135	138		22.36		23.7	0.0
100	QPSK	270	0		22.32			
100	16QAM	1	1		22.37		23.7	0.0
100	64QAM	1	1		21.86		23.2	0.5
100	256QAM	1	1		19.82		21.2	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.30	22.38	22.32	23.7	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.22	22.32	22.18	23.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.23	22.36	22.26	23.7	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.28	22.26	22.30	23.7	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.19	22.35	22.22	23.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.25	22.31	22.28	23.7	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.19	22.31	22.25	23.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.27	22.36	22.20	23.7	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.23	22.27	22.28	23.7	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.27	22.32	22.28	23.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.28	22.26	22.26	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		24.59		25.5	0.0
100	π/2 BPSK	1	137		24.29			
100	π/2 BPSK	1	271		24.34			
100	π/2 BPSK	135	0		23.98		25.0	0.5
100	π/2 BPSK	135	69		24.44		25.5	0.0
100	π/2 BPSK	135	138		23.91		25.0	0.5
100	π/2 BPSK	270	0		23.87			
100	QPSK	1	1		24.64		25.5	0.0
100	QPSK	1	137		24.48			
100	QPSK	1	271		24.59			
100	QPSK	135	0		23.42		24.5	1.0
100	QPSK	135	69		24.60		25.5	0.0
100	QPSK	135	138		23.47		24.5	1.0
100	QPSK	270	0		23.56			
100	16QAM	1	1		23.48		24.5	1.0
100	64QAM	1	1		22.03		23.0	2.5
100	256QAM	1	1		19.96		21.0	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.49	24.58	24.53	25.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.40	24.47	24.46	25.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.38	24.52	24.50	25.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.35	24.48	24.46	25.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.38	24.54	24.44	25.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.40	24.56	24.47	25.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.40	24.53	24.47	25.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.44	24.44	24.49	25.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.38	24.52	24.46	25.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.36	24.47	24.42	25.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.41	24.44	24.39	25.5	0.0

Part27Q n78 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.17		23.7	0.0
100	π/2 BPSK	1	137		22.10			
100	π/2 BPSK	1	271		22.15			
100	π/2 BPSK	135	0		22.12		23.7	0.0
100	π/2 BPSK	135	69		22.02		23.7	0.0
100	π/2 BPSK	135	138		22.08		23.7	0.0
100	π/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.23		23.7	0.0
100	QPSK	1	137		21.98			
100	QPSK	1	271		22.10			
100	QPSK	135	0		22.10		23.7	0.0
100	QPSK	135	69		22.20		23.7	0.0
100	QPSK	135	138		22.10		23.7	0.0
100	QPSK	270	0		22.10			
100	16QAM	1	1		21.77		23.7	0.0
100	64QAM	1	1		21.27		23.2	0.5
100	256QAM	1	1		19.32		21.2	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.19	22.09	22.18	23.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.11	22.07	22.15	23.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.11	22.10	22.08	23.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.16	22.14	22.18	23.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.18	22.13	22.09	23.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.10	22.18	22.18	23.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.11	22.12	22.13	23.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.10	22.15	22.12	23.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.12	22.13	22.12	23.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.13	22.09	22.15	23.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.18	22.14	22.09	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.87		25.5	0.0
100	π/2 BPSK	1	137		23.88			
100	π/2 BPSK	1	271		23.98			
100	π/2 BPSK	135	0		23.06		25.0	0.5
100	π/2 BPSK	135	69		23.54		25.5	0.0
100	π/2 BPSK	135	138		23.36		25.0	0.5
100	π/2 BPSK	270	0		23.46			
100	QPSK	1	1		24.20		25.5	0.0
100	QPSK	1	137		23.76			
100	QPSK	1	271		24.05			
100	QPSK	135	0		22.71		24.5	1.0
100	QPSK	135	69		24.09		25.5	0.0
100	QPSK	135	138		22.89		24.5	1.0
100	QPSK	270	0		23.17			
100	16QAM	1	1		22.71		24.5	1.0
100	64QAM	1	1		21.44		23.0	2.5
100	256QAM	1	1		19.49		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.12	24.14	24.05	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.04	24.14	24.05	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.07	24.11	24.06	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.10	24.06	24.08	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.09	24.12	24.04	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.07	24.11	24.04	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.09	24.16	24.12	25.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.11	24.05	24.06	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.15	24.16	24.11	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.12	24.08	24.11	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.10	24.15	24.10	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	19.03	19.10	19.08	20.3	0.0
40	π/2 BPSK	1	108	19.04	19.10	19.05		
40	π/2 BPSK	1	214	18.96	19.07	19.01		
40	π/2 BPSK	108	0	18.98	19.04	19.03	20.3	0.0
40	π/2 BPSK	108	54	18.97	19.10	19.06	20.3	0.0
40	π/2 BPSK	108	108	18.94	19.01	19.06	20.3	0.0
40	π/2 BPSK	216	0	19.01	19.11	19.09		
40	QPSK	1	1	18.99	19.15	18.99	20.3	0.0
40	QPSK	1	108	18.98	19.05	19.10		
40	QPSK	1	214	19.02	19.04	19.06		
40	QPSK	108	0	19.01	19.10	19.03	20.3	0.0
40	QPSK	108	54	18.96	19.11	19.06	20.3	0.0
40	QPSK	108	108	18.95	19.08	19.04		
40	QPSK	216	0	19.04	19.09	19.07	20.3	0.0
40	16QAM	1	1	18.94	19.02	19.05	20.3	0.0
40	64QAM	1	1	17.55	17.59	17.46	18.8	1.5
40	256QAM	1	1	15.44	15.68	15.53	16.8	3.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	18.87	19.11	18.94	20.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.94	19.00	18.91	20.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.94	19.07	18.85	20.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.91	19.01	18.93	20.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.83	19.03	18.86	20.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.91	19.09	18.93	20.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.89	19.09	18.86	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	17.64	17.59	17.60	19.0	0.0
50	π/2 BPSK	1	135	17.68	17.58	17.53		
50	π/2 BPSK	1	268	17.64	17.60	17.60		
50	π/2 BPSK	135	0	17.52	17.65	17.54	19.0	0.0
50	π/2 BPSK	135	68	17.59	17.65	17.62	19.0	0.0
50	π/2 BPSK	135	135	17.55	17.60	17.62	19.0	0.0
50	π/2 BPSK	270	0	17.56	17.74	17.53		
50	QPSK	1	1	17.59	17.81	17.54	19.0	0.0
50	QPSK	1	135	17.57	17.60	17.51		
50	QPSK	1	268	17.61	17.67	17.51		
50	QPSK	135	0	17.51	17.66	17.64	19.0	0.0
50	QPSK	135	68	17.66	17.75	17.57	19.0	0.0
50	QPSK	135	135	17.58	17.72	17.52	19.0	0.0
50	QPSK	270	0	17.53	17.63	17.48		
50	16QAM	1	1	17.60	17.65	17.64	19.0	0.0
50	64QAM	1	1	17.56	17.58	17.65	19.0	0.0
50	256QAM	1	1	17.14	17.20	17.02	18.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.38	17.46	17.39	19.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.34	17.43	17.38	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.44	17.42	17.34	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.33	17.45	17.41	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	17.34	17.41	17.42	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.42	17.49	17.40	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.44	17.42	17.36	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.37	17.45	17.36	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	19.86	19.91	19.85	21.3	0.0
40	π/2 BPSK	1	108	19.79	19.90	19.78		
40	π/2 BPSK	1	214	19.77	19.89	19.85		
40	π/2 BPSK	108	0	19.33	19.46	19.46	20.8	0.5
40	π/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0
40	π/2 BPSK	108	108	19.44	19.43	19.42	20.8	0.5
40	π/2 BPSK	216	0	19.36	19.46	19.43		
40	QPSK	1	1	19.89	19.94	19.91	21.3	0.0
40	QPSK	1	108	19.81	19.80	19.82		
40	QPSK	1	214	19.82	19.82	19.88		
40	QPSK	108	0	18.90	18.93	18.92	20.3	1.0
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0
40	QPSK	108	108	18.87	18.89	18.88	20.3	1.0
40	QPSK	216	0	18.90	18.99	18.89		
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5
40	256QAM	1	1	15.43	15.39	15.41	16.8	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.78	19.91	19.77	21.3	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.86	19.84	19.80	21.3	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.83	19.82	19.85	21.3	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.86	19.88	19.88	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	17.35	17.46	17.46	18.6	0.0
45	π/2 BPSK	1	120	17.26	17.48	17.37		
45	π/2 BPSK	1	240	17.32	17.43	17.36		
45	π/2 BPSK	120	0	17.28	17.44	17.40	18.6	0.0
45	π/2 BPSK	120	60	17.29	17.49	17.44	18.6	0.0
45	π/2 BPSK	120	120	17.33	17.39	17.40	18.6	0.0
45	π/2 BPSK	240	0	17.27	17.48	17.39		
45	QPSK	1	1	17.27	17.55	17.44	18.6	0.0
45	QPSK	1	120	17.33	17.51	17.42		
45	QPSK	1	240	17.28	17.50	17.42		
45	QPSK	120	0	17.27	17.45	17.42	18.6	0.0
45	QPSK	120	60	17.34	17.49	17.46	18.6	0.0
45	QPSK	120	120	17.33	17.47	17.42	18.6	0.0
45	QPSK	240	0	17.26	17.45	17.40		
45	16QAM	1	1	17.29	17.46	17.45	18.6	0.0
45	64QAM	1	1	17.34	17.49	17.45	18.6	0.0
45	256QAM	1	1	16.28	16.50	16.36	17.6	1.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.16	17.31	17.29	18.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	17.20	17.34	17.25	18.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.18	17.38	17.27	18.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.19	17.37	17.29	18.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.18	17.31	17.30	18.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.25	17.37	17.34	18.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.24	17.32	17.28	18.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.21	17.38	17.27	18.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	17.24	17.36	17.41	18.7	0.0
40	Pi/2 BPSK	1	53	17.27	17.44	17.41		
40	Pi/2 BPSK	1	104	17.24	17.38	17.38		
40	Pi/2 BPSK	50	0	17.25	17.39	17.32	18.7	0.0
40	Pi/2 BPSK	50	28	17.32	17.39	17.31	18.7	0.0
40	Pi/2 BPSK	50	56	17.25	17.41	17.31	18.7	0.0
40	Pi/2 BPSK	100	0	17.32	17.38	17.34		
40	QPSK	1	1	17.23	17.45	17.31	18.7	0.0
40	QPSK	1	53	17.26	17.43	17.31		
40	QPSK	1	104	17.25	17.38	17.32		
40	QPSK	50	0	17.33	17.41	17.38	18.7	0.0
40	QPSK	50	28	17.26	17.42	17.40	18.7	0.0
40	QPSK	50	56	17.30	17.38	17.37	18.7	0.0
40	QPSK	100	0	17.28	17.41	17.39		
40	16QAM	1	1	17.34	17.42	17.41	18.7	0.0
40	64QAM	1	1	17.23	17.41	17.33	18.7	0.0
40	256QAM	1	1	17.34	17.40	17.37	18.7	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.08	17.22	17.24	18.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.13	17.19	17.23	18.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.17	17.30	17.25	18.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.12	17.21	17.21	18.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.14	17.26	17.20	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	18.45	18.51	18.43	20.0	0.0
100	Pi/2 BPSK	1	137	18.51	18.59	18.37		
100	Pi/2 BPSK	1	271	18.49	18.60	18.37		
100	Pi/2 BPSK	135	0	18.49	18.58	18.46	20.0	0.0
100	Pi/2 BPSK	135	69	18.50	18.51	18.46	20.0	0.0
100	Pi/2 BPSK	135	138	18.47	18.58	18.47	20.0	0.0
100	Pi/2 BPSK	270	0	18.52	18.53	18.41		
100	QPSK	1	1	18.53	18.68	18.46	20.0	0.0
100	QPSK	1	137	18.50	18.55	18.36		
100	QPSK	1	271	18.47	18.58	18.46		
100	QPSK	135	0	18.48	18.53	18.41	20.0	0.0
100	QPSK	135	69	18.50	18.65	18.37	20.0	0.0
100	QPSK	135	138	18.50	18.59	18.40	20.0	0.0
100	QPSK	270	0	18.52	18.53	18.42		
100	16QAM	1	1	18.51	18.55	18.38	20.0	0.0
100	64QAM	1	1	18.46	18.56	18.39	20.0	0.0
100	256QAM	1	1	18.51	18.60	18.46	19.0	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.44	18.62	18.41	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.39	18.53	18.36	20.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.42	18.61	18.36	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.46	18.56	18.38	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.45	18.60	18.30	20.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.43	18.59	18.38	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.48	18.59	18.32	20.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.39	18.64	18.39	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.47	18.58	18.39	20.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.44	18.54	18.33	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.48	18.55	18.39	20.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.45	18.59	18.30	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.39	18.63	18.40	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	23.31	23.44	23.31	25.0	0.0
40	π/2 BPSK	1	53	23.34	23.39	23.30		
40	π/2 BPSK	1	104	23.30	23.42	23.40		
40	π/2 BPSK	50	0	22.64	22.75	22.64	24.5	0.5
40	π/2 BPSK	50	28	23.35	23.43	23.38	25.0	0.0
40	π/2 BPSK	50	56	22.57	22.63	22.56	24.5	0.5
40	π/2 BPSK	100	0	22.67	22.76	22.66		
40	QPSK	1	1	23.39	23.48	23.45	25.0	0.0
40	QPSK	1	53	23.36	23.43	23.36		
40	QPSK	1	104	23.36	23.39	23.30		
40	QPSK	50	0	22.43	22.46	22.39	24.0	1.0
40	QPSK	50	28	23.34	23.45	23.36	25.0	0.0
40	QPSK	50	56	22.36	22.42	22.31	24.0	1.0
40	QPSK	100	0	22.39	22.49	22.39		
40	16QAM	1	1	22.26	22.35	22.23	24.0	1.0
40	64QAM	1	1	20.51	20.63	20.56	22.5	2.5
40	256QAM	1	1	18.65	18.72	18.65	20.5	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.28	23.35	23.40	25.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.32	23.37	23.40	25.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.29	23.35	23.38	25.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.33	23.40	23.41	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.49	25.63	25.48	26.0	0.0
100	π/2 BPSK	1	137	25.51	25.66	25.51		
100	π/2 BPSK	1	271	25.37	25.57	25.50		
100	π/2 BPSK	135	0	25.50	25.56	25.42	26.0	0.0
100	π/2 BPSK	135	69	25.34	25.49	25.53	26.0	0.0
100	π/2 BPSK	135	138	25.44	25.57	25.62	26.0	0.0
100	π/2 BPSK	270	0	25.53	25.58	25.52		
100	QPSK	1	1	25.66	25.76	25.71	26.0	0.0
100	QPSK	1	137	25.48	25.61	25.46		
100	QPSK	1	271	25.45	25.53	25.46		
100	QPSK	135	0	25.47	25.53	25.40	26.0	0.0
100	QPSK	135	69	25.56	25.67	25.61	26.0	0.0
100	QPSK	135	138	25.49	25.63	25.58	26.0	0.0
100	QPSK	270	0	25.40	25.56	25.50		
100	16QAM	1	1	25.62	25.71	25.46	26.0	0.0
100	64QAM	1	1	25.03	25.21	25.08	25.5	0.5
100	256QAM	1	1	23.01	23.14	23.12	23.5	2.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.54	25.64	25.63	26.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.61	25.71	25.65	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.53	25.64	25.61	26.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.58	25.63	25.59	26.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.57	25.72	25.57	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.51	25.68	25.55	26.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.59	25.67	25.64	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.52	25.66	25.58	26.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.54	25.69	25.58	26.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.50	25.66	25.60	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.58	25.64	25.59	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	27.32	27.71	27.56	29.0	0.0
100	π/2 BPSK	1	137	27.27	27.55	27.56		
100	π/2 BPSK	1	271	27.42	27.68	27.56		
100	π/2 BPSK	135	0	26.93	27.20	27.11	28.5	0.5
100	π/2 BPSK	135	69	27.34	27.63	27.59	29.0	0.0
100	π/2 BPSK	135	138	26.99	27.21	27.12	28.5	0.5
100	π/2 BPSK	270	0	26.90	27.22	27.21		
100	QPSK	1	1	27.44	27.72	27.64	29.0	0.0
100	QPSK	1	137	27.34	27.62	27.55		
100	QPSK	1	271	27.42	27.57	27.55		
100	QPSK	135	0	26.48	26.69	26.58	28.0	1.0
100	QPSK	135	69	27.37	27.65	27.56	29.0	0.0
100	QPSK	135	138	26.40	26.74	26.63	28.0	1.0
100	QPSK	270	0	26.38	26.66	26.60		
100	16QAM	1	1	26.47	26.70	26.58	28.0	1.0
100	64QAM	1	1	24.91	25.20	25.13	26.5	2.5
100	256QAM	1	1	22.94	23.18	23.19	24.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	27.38	27.61	27.49	29.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	27.32	27.58	27.57	29.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.28	27.56	27.60	29.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.37	27.68	27.54	29.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	27.34	27.62	27.57	29.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.33	27.60	27.58	29.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.36	27.61	27.52	29.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.30	27.66	27.50	29.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.33	27.62	27.48	29.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	27.32	27.67	27.55	29.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.31	27.65	27.58	29.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.54		26.0	0.0
100	π/2 BPSK	1	137		25.53			
100	π/2 BPSK	1	271		25.39			
100	π/2 BPSK	135	0		25.40		26.0	0.0
100	π/2 BPSK	135	69		25.39		26.0	0.0
100	π/2 BPSK	135	138		25.54		26.0	0.0
100	π/2 BPSK	270	0		25.53			
100	QPSK	1	1		25.57		26.0	0.0
100	QPSK	1	137		25.39			
100	QPSK	1	271		25.28			
100	QPSK	135	0		25.27		26.0	0.0
100	QPSK	135	69		25.56		26.0	0.0
100	QPSK	135	138		25.41		26.0	0.0
100	QPSK	270	0		25.34			
100	16QAM	1	1		25.46		26.0	0.0
100	64QAM	1	1		25.01		25.5	0.5
100	256QAM	1	1		22.97		23.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.49	25.47	25.48	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.44	25.52	25.43	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.48	25.51	25.48	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.52	25.46	25.46	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.43	25.50	25.41	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.44	25.52	25.50	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.46	25.43	25.47	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.53	25.42	25.50	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.51	25.52	25.42	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.46	25.44	25.48	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.47	25.42	25.49	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		27.53		29.0	0.0
100	1/2 BPSK	1	137		27.54			
100	1/2 BPSK	1	271		27.50			
100	1/2 BPSK	135	0		27.19		28.5	0.5
100	1/2 BPSK	135	69		27.59		29.0	0.0
100	1/2 BPSK	135	138		27.19		28.5	0.5
100	1/2 BPSK	270	0		27.12			
100	QPSK	1	1		27.60		29.0	0.0
100	QPSK	1	137		27.54			
100	QPSK	1	271		27.51			
100	QPSK	135	0		26.67		28.0	1.0
100	QPSK	135	69		27.54		29.0	0.0
100	QPSK	135	138		26.68		28.0	1.0
100	QPSK	270	0		26.62			
100	16QAM	1	1		26.54		28.0	1.0
100	64QAM	1	1		25.12		26.5	2.5
100	256QAM	1	1		23.09		24.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.53	27.54	27.51	29.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.54	27.52	27.45	29.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.47	27.47	27.45	29.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.48	27.56	27.54	29.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.50	27.51	27.46	29.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.48	27.53	27.53	29.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.56	27.46	27.50	29.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.47	27.55	27.55	29.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.56	27.52	27.52	29.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.47	27.52	27.55	29.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.55	27.44	27.47	29.0	0.0

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BW [MHz]	Modulation	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	1/2 BPSK	1	1		25.55		26.0	0.0
100	1/2 BPSK	1	137		25.52			
100	1/2 BPSK	1	271		25.46			
100	1/2 BPSK	135	0		25.49		26.0	0.0
100	1/2 BPSK	135	69		25.41		26.0	0.0
100	1/2 BPSK	135	138		25.53		26.0	0.0
100	1/2 BPSK	270	0		25.47			
100	QPSK	1	1		25.56		26.0	0.0
100	QPSK	1	137		25.42			
100	QPSK	1	271		25.28			
100	QPSK	135	0		25.23		26.0	0.0
100	QPSK	135	69		25.45		26.0	0.0
100	QPSK	135	138		25.41		26.0	0.0
100	QPSK	270	0		25.38			
100	16QAM	1	1		25.51		26.0	0.0
100	64QAM	1	1		24.91		25.5	0.5
100	256QAM	1	1		23.01		23.5	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.44	25.44	25.40	26.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.45	25.43	25.46	26.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.45	25.50	25.52	26.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.48	25.41	25.47	26.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.41	25.41	25.45	26.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.45	25.42	25.47	26.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.48	25.49	25.48	26.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.43	25.44	25.43	26.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.51	25.42	25.41	26.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.49	25.46	25.52	26.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.43	25.51	25.50	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	1/2 BPSK	1	1		27.41		29.0	0.0
100	1/2 BPSK	1	137		27.49			
100	1/2 BPSK	1	271		27.42			
100	1/2 BPSK	135	0		27.09		28.5	0.5
100	1/2 BPSK	135	69		27.51		29.0	0.0
100	1/2 BPSK	135	138		27.13		28.5	0.5
100	1/2 BPSK	270	0		27.04			
100	QPSK	1	1		27.53		29.0	0.0
100	QPSK	1	137		27.49			
100	QPSK	1	271		27.38			
100	QPSK	135	0		26.52		28.0	1.0
100	QPSK	135	69		27.42		29.0	0.0
100	QPSK	135	138		26.53		28.0	1.0
100	QPSK	270	0		26.58			
100	16QAM	1	1		26.41		28.0	1.0
100	64QAM	1	1		25.03		26.5	2.5
100	256QAM	1	1		23.00		24.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.45	27.38	27.47	29.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.46	27.39	27.49	29.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.38	27.44	27.41	29.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.48	27.44	27.39	29.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.39	27.39	27.37	29.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.48	27.42	27.47	29.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.42	27.48	27.39	29.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.44	27.39	27.45	29.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.42	27.40	27.47	29.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.46	27.47	27.40	29.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.42	27.39	27.46	29.0	0.0

Part27Q n78 Ant10 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		25.61		26.0	0.0
100	1/2 BPSK	1	137		25.48			
100	1/2 BPSK	1	271		25.50			
100	1/2 BPSK	135	0		25.53		26.0	0.0
100	1/2 BPSK	135	69		25.41		26.0	0.0
100	1/2 BPSK	135	138		25.61		26.0	0.0
100	1/2 BPSK	270	0		25.64			
100	QPSK	1	1		25.67		26.0	0.0
100	QPSK	1	137		25.51			
100	QPSK	1	271		25.34			
100	QPSK	135	0		25.23		26.0	0.0
100	QPSK	135	69		25.49		26.0	0.0
100	QPSK	135	138		25.46		26.0	0.0
100	QPSK	270	0		25.28			
100	16QAM	1	1		25.66		26.0	0.0
100	64QAM	1	1		24.98		25.5	0.5
100	256QAM	1	1		23.06		23.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.53	25.55	25.52	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.56	25.62	25.58	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.56	25.60	25.58	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.57	25.58	25.56	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.53	25.59	25.56	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.52	25.54	25.59	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.59	25.56	25.51	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.53	25.59	25.51	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.52	25.62	25.60	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.57	25.63	25.52	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.59	25.53	25.53	26.0	0.0

Part27Q n78 PC2 Ant10 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.29		29.0	0.0
100	π/2 BPSK	1	137		27.38			
100	π/2 BPSK	1	271		27.33			
100	π/2 BPSK	135	0		27.01		28.5	0.5
100	π/2 BPSK	135	69		27.38		29.0	0.0
100	π/2 BPSK	135	138		27.04		28.5	0.5
100	π/2 BPSK	270	0		26.94			
100	QPSK	1	1		27.47		29.0	0.0
100	QPSK	1	137		27.45			
100	QPSK	1	271		27.30			
100	QPSK	135	0		26.37		28.0	1.0
100	QPSK	135	69		27.31		29.0	0.0
100	QPSK	135	138		26.43		28.0	1.0
100	QPSK	270	0		26.51			
100	16QAM	1	1		26.34		28.0	1.0
100	64QAM	1	1		24.96		26.5	2.5
100	256QAM	1	1		22.93		24.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.40	27.34	27.37	29.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.32	27.40	27.36	29.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.32	27.43	27.36	29.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.38	27.42	27.33	29.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.40	27.36	27.41	29.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.42	27.37	27.42	29.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.37	27.41	27.40	29.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.38	27.37	27.37	29.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.32	27.40	27.35	29.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.37	27.43	27.32	29.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.37	27.38	27.43	29.0	0.0

Reduced Power Mode for DSI3_Main PA

n5 Ant0 DSI3

BW [MHz]	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	25.29	25.29	25.29	25.7	0.0
20	PI/2 BPSK	1	53	25.31	25.28	25.24		
20	PI/2 BPSK	1	104	25.11	25.13	25.14		
20	PI/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5
20	PI/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0
20	PI/2 BPSK	50	56	24.62	24.72	24.63	25.2	0.5
20	PI/2 BPSK	100	0	24.82	24.77	24.82		
20	QPSK	1	1	25.29	25.33	25.27	25.7	0.0
20	QPSK	1	53	25.32	25.32	25.24		
20	QPSK	1	104	25.13	25.09	25.09		
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0
20	QPSK	50	56	24.15	24.08	24.08	24.7	1.0
20	QPSK	100	0	24.26	24.29	24.28		
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0

n12 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	25.39	25.39	25.48	25.7	0.0
15	PI/2 BPSK	1	40	25.41	25.43	25.38		
15	PI/2 BPSK	1	77	25.32	25.35	25.29		
15	PI/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5
15	PI/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0
15	PI/2 BPSK	36	43	24.84	24.80	24.79	25.2	0.5
15	PI/2 BPSK	75	0	24.93	24.99	24.90		
15	QPSK	1	1	25.47	25.52	25.48	25.7	0.0
15	QPSK	1	40	25.48	25.43	25.38		
15	QPSK	1	77	25.33	25.24	25.26		
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0
15	QPSK	36	43	24.33	24.27	24.23	24.7	1.0
15	QPSK	75	0	24.48	24.52	24.45		
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5
	256QAM	1	1	20.71	20.73	20.66	21.2	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0

n26 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.34	25.35	25.33	25.7	0.0
20	PI/2 BPSK	1	53	25.25	25.30	25.28		
20	PI/2 BPSK	1	104	25.19	25.11	25.09		
20	PI/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5
20	PI/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0
20	PI/2 BPSK	50	56	24.68	24.74	24.73	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.79	24.79		
20	QPSK	1	1	25.35	25.39	25.37	25.7	0.0
20	QPSK	1	53	25.36	25.33	25.27		
20	QPSK	1	104	25.14	25.14	25.09		
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0
20	QPSK	50	56	24.05	24.09	24.09	24.7	1.0
20	QPSK	100	0	24.35	24.36	24.29		
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.24	25.33	25.33	25.7	0.0

n71 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		25.24		25.7	0.0
35	π/2 BPSK	1	90		25.14			
35	π/2 BPSK	1	186		25.10			
35	π/2 BPSK	90	0		24.60		25.2	0.5
35	π/2 BPSK	90	45		25.20		25.7	0.0
35	π/2 BPSK	90	90		24.58		25.2	0.5
35	π/2 BPSK	180	0		24.70			
35	QPSK	1	1		25.25		25.7	0.0
35	QPSK	1	90		25.18			
35	QPSK	1	186		25.00			
35	QPSK	90	0		24.16		24.7	1.0
35	QPSK	90	45		25.21		25.7	0.0
35	QPSK	90	90		24.06		24.7	1.0
35	QPSK	180	0		24.23			
35	16QAM	1	1		24.04		24.7	1.0
35	64QAM	1	1		22.54		23.2	2.5
35	256QAM	1	1		20.48		21.2	4.5
Channel				135600	136100	136600	Tune-up limit	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10	25.7	0.0
Channel				135100	136100	137100	Tune-up limit	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18	25.7	0.0
Channel				134600	136100	137600	Tune-up limit	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15	25.7	0.0
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08	25.7	0.0

n5 Ant1 DSI3

BW [MHz]	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	π/2 BPSK	1	1	21.48	21.52	21.44	21.7	0.0
20	π/2 BPSK	1	53	21.50	21.50	21.43		
20	π/2 BPSK	1	104	21.42	21.55	21.41		
20	π/2 BPSK	50	0	21.51	21.57	21.48	21.7	0.0
20	π/2 BPSK	50	28	21.42	21.51	21.43	21.7	0.0
20	π/2 BPSK	50	56	21.42	21.46	21.39	21.7	0.0
20	π/2 BPSK	100	0	21.51	21.49	21.43		
20	QPSK	1	1	21.41	21.65	21.46	21.7	0.0
20	QPSK	1	53	21.50	21.55	21.48		
20	QPSK	1	104	21.45	21.52	21.43		
20	QPSK	50	0	21.51	21.48	21.45	21.7	0.0
20	QPSK	50	28	21.50	21.55	21.42	21.7	0.0
20	QPSK	50	56	21.52	21.54	21.46	21.7	0.0
20	QPSK	100	0	21.43	21.50	21.39		
20	16QAM	1	1	21.51	21.54	21.48	21.7	0.0
20	64QAM	1	1	21.45	21.48	21.46	21.7	0.0
20	256QAM	1	1	21.06	21.10	21.00	21.2	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.44	21.51	21.45	21.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.48	21.53	21.39	21.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.39	21.46	21.45	21.7	0.0

n12 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	π/2 BPSK	1	1	25.39	25.38	25.49	25.7	0.0
15	π/2 BPSK	1	40	25.47	25.40	25.39		
15	π/2 BPSK	1	77	25.27	25.39	25.30		
15	π/2 BPSK	36	0	24.89	24.82	24.86	25.2	0.5
15	π/2 BPSK	36	22	25.38	25.43	25.41	25.7	0.0
15	π/2 BPSK	36	43	24.89	24.85	24.80	25.2	0.5
15	π/2 BPSK	75	0	24.89	24.94	24.93		
15	QPSK	1	1	25.54	25.63	25.57	25.7	0.0
15	QPSK	1	40	25.53	25.41	25.40		
15	QPSK	1	77	25.35	25.30	25.32		
15	QPSK	36	0	24.36	24.41	24.37	24.7	1.0
15	QPSK	36	22	25.51	25.58	25.49	25.7	0.0
15	QPSK	36	43	24.33	24.31	24.28	24.7	1.0
15	QPSK	75	0	24.53	24.55	24.49		
15	16QAM	1	1	24.23	24.40	24.28	24.7	1.0
15	64QAM	1	1	22.81	22.69	22.80	23.2	2.5
	256QAM	1	1	20.72	20.70	20.70	21.2	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	25.53	25.51	25.49	25.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	25.48	25.53	25.52	25.7	0.0

n26 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	π/2 BPSK	1	1	22.52	22.59	22.59	22.7	0.0
20	π/2 BPSK	1	53	22.52	22.56	22.50		
20	π/2 BPSK	1	104	22.51	22.56	22.56		
20	π/2 BPSK	50	0	22.58	22.52	22.53	22.7	0.0
20	π/2 BPSK	50	28	22.54	22.63	22.51	22.7	0.0
20	π/2 BPSK	50	56	22.53	22.55	22.56	22.7	0.0
20	π/2 BPSK	100	0	22.50	22.57	22.51		
20	QPSK	1	1	22.58	22.65	22.56	22.7	0.0
20	QPSK	1	53	22.49	22.54	22.52		
20	QPSK	1	104	22.55	22.60	22.60		
20	QPSK	50	0	22.52	22.63	22.58	22.7	0.0
20	QPSK	50	28	22.53	22.64	22.58	22.7	0.0
20	QPSK	50	56	22.52	22.55	22.51	22.7	0.0
20	QPSK	100	0	22.49	22.60	22.56		
20	16QAM	1	1	22.55	22.52	22.53	22.7	0.0
20	64QAM	1	1	22.54	22.60	22.57	22.7	0.0
20	256QAM	1	1	21.06	21.08	21.09	21.2	1.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.48	22.52	22.47	22.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.50	22.43	22.51	22.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.44	22.41	22.52	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					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		25.24		25.7	0.0
35	π/2 BPSK	1	90		25.18			
35	π/2 BPSK	1	186		25.18			
35	π/2 BPSK	90	0		24.69		25.2	0.5
35	π/2 BPSK	90	45		25.19		25.7	0.0
35	π/2 BPSK	90	90		24.55		25.2	0.5
35	π/2 BPSK	180	0		24.82			
35	QPSK	1	1		25.32		25.7	0.0
35	QPSK	1	90		25.24			
35	QPSK	1	186		25.10			
35	QPSK	90	0		24.25		24.7	1.0
35	QPSK	90	45		25.28		25.7	0.0
35	QPSK	90	90		24.10		24.7	1.0
35	QPSK	180	0		24.24			
35	16QAM	1	1		24.18		24.7	1.0
35	64QAM	1	1		22.47		23.2	2.5
35	256QAM	1	1		20.55		21.2	4.5
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.21	25.16	25.23	25.7	0.0
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.17	25.19	25.22	25.7	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.21	25.19	25.19	25.7	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.19	25.25	25.19	25.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.22	25.26	25.25	25.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.18	25.17	25.26	25.7	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	22.31	22.50	22.29	23.0	0.0
40	π/2 BPSK	1	108	22.33	22.55	22.34		
40	π/2 BPSK	1	214	22.33	22.53	22.29		
40	π/2 BPSK	108	0	22.35	22.54	22.29	23.0	0.0
40	π/2 BPSK	108	54	22.31	22.52	22.29	23.0	0.0
40	π/2 BPSK	108	108	22.32	22.54	22.34	23.0	0.0
40	π/2 BPSK	216	0	22.31	22.54	22.33		
40	QPSK	1	1	22.32	22.61	22.29	23.0	0.0
40	QPSK	1	108	22.36	22.52	22.30		
40	QPSK	1	214	22.32	22.51	22.35		
40	QPSK	108	0	22.34	22.51	22.30	23.0	0.0
40	QPSK	108	54	22.32	22.56	22.34	23.0	0.0
40	QPSK	108	108	22.31	22.50	22.30	23.0	0.0
40	QPSK	216	0	22.31	22.55	22.29		
40	16QAM	1	1	22.34	22.55	22.35	23.0	0.0
40	64QAM	1	1	21.79	22.07	21.79	22.5	0.5
40	256QAM	1	1	19.81	20.03	19.79	20.5	2.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	22.21	22.46	22.20	23.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	22.25	22.46	22.16	23.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	22.21	22.44	22.21	23.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	22.19	22.43	22.17	23.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	22.22	22.46	22.21	23.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	22.20	22.44	22.17	23.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	22.21	22.42	22.20	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	20.23	20.21	20.17	20.5	0.0
50	π/2 BPSK	1	135	20.26	20.25	20.20		
50	π/2 BPSK	1	268	20.18	20.21	20.25		
50	π/2 BPSK	135	0	20.22	20.23	20.22	20.5	0.0
50	π/2 BPSK	135	68	20.22	20.22	20.20	20.5	0.0
50	π/2 BPSK	135	135	20.25	20.28	20.19	20.5	0.0
50	π/2 BPSK	270	0	20.21	20.26	20.15		
50	QPSK	1	1	20.20	20.31	20.20	20.5	0.0
50	QPSK	1	135	20.24	20.24	20.15		
50	QPSK	1	268	20.18	20.21	20.22		
50	QPSK	135	0	20.21	20.23	20.21	20.5	0.0
50	QPSK	135	68	20.24	20.26	20.25	20.5	0.0
50	QPSK	135	135	20.21	20.23	20.21	20.5	0.0
50	QPSK	270	0	20.18	20.28	20.18		
50	16QAM	1	1	20.18	20.21	20.20	20.5	0.0
50	64QAM	1	1	20.19	20.27	20.19	20.5	0.0
50	256QAM	1	1	20.25	20.26	20.25	20.5	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.04	20.26	20.15	20.5	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.08	20.18	20.05	20.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.08	20.23	20.15	20.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.12	20.17	20.04	20.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	20.14	20.24	20.11	20.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.10	20.26	20.12	20.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.06	20.22	20.04	20.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.05	20.16	20.08	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	22.92	22.96	22.89	23.5	0.0
40	π/2 BPSK	1	108	22.88	22.95	22.92		
40	π/2 BPSK	1	214	22.94	22.94	22.86		
40	π/2 BPSK	108	0	22.95	22.93	22.92	23.5	0.0
40	π/2 BPSK	108	54	22.84	22.97	22.89	23.5	0.0
40	π/2 BPSK	108	108	22.88	22.91	22.87	23.5	0.0
40	π/2 BPSK	216	0	22.94	22.91	22.88		
40	QPSK	1	1	22.87	22.98	22.90	23.5	0.0
40	QPSK	1	108	22.90	22.94	22.88		
40	QPSK	1	214	22.89	22.92	22.92		
40	QPSK	108	0	22.93	22.91	22.94	23.5	0.0
40	QPSK	108	54	22.86	22.96	22.94	23.5	0.0
40	QPSK	108	108	22.95	22.94	22.88	23.5	0.0
40	QPSK	216	0	22.87	22.95	22.91		
40	16QAM	1	1	22.88	22.91	22.92	23.5	0.0
40	64QAM	1	1	21.82	21.92	21.91	22.5	1.0
40	256QAM	1	1	19.86	19.99	19.87	20.5	3.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	22.75	22.83	22.79	23.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	22.77	22.88	22.75	23.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	22.79	22.87	22.82	23.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	22.79	22.89	22.85	23.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	22.71	22.87	22.76	23.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	22.72	22.89	22.80	23.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	22.72	22.83	22.83	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	21.86	21.96	21.86	22.2	0.0
45	π/2 BPSK	1	120	21.86	21.93	21.89		
45	π/2 BPSK	1	240	21.89	21.97	21.95		
45	π/2 BPSK	120	0	21.87	21.99	21.92	22.2	0.0
45	π/2 BPSK	120	60	21.88	21.93	21.88	22.2	0.0
45	π/2 BPSK	120	120	21.86	21.90	21.94	22.2	0.0
45	π/2 BPSK	240	0	21.92	21.99	21.90		
45	QPSK	1	1	21.88	22.03	21.83	22.2	0.0
45	QPSK	1	120	21.85	21.88	21.91		
45	QPSK	1	240	21.90	21.94	21.87		
45	QPSK	120	0	21.88	21.93	21.91	22.2	0.0
45	QPSK	120	60	21.89	21.98	21.86	22.2	0.0
45	QPSK	120	120	21.97	21.93	21.87	22.2	0.0
45	QPSK	240	0	21.91	21.92	21.85		
45	16QAM	1	1	21.90	21.92	21.92	22.2	0.0
45	64QAM	1	1	21.91	21.93	21.85	22.2	0.0
45	256QAM	1	1	20.88	21.07	20.79	21.2	1.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.79	21.88	21.77	22.2	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.73	21.94	21.76	22.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.78	21.87	21.73	22.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.80	21.92	21.70	22.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.75	21.92	21.68	22.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.81	21.88	21.72	22.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.80	21.90	21.75	22.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.80	21.99	21.77	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	20.83	20.90	20.90	21.2	0.0
40	π/2 BPSK	1	53	20.85	20.93	20.82		
40	π/2 BPSK	1	104	20.86	20.92	20.83		
40	π/2 BPSK	50	0	20.80	20.84	20.83	21.2	0.0
40	π/2 BPSK	50	28	20.86	20.91	20.87	21.2	0.0
40	π/2 BPSK	50	56	20.81	20.86	20.80	21.2	0.0
40	π/2 BPSK	100	0	20.81	20.85	20.81		
40	QPSK	1	1	20.81	20.94	20.79	21.2	0.0
40	QPSK	1	53	20.80	20.88	20.87		
40	QPSK	1	104	20.88	20.83	20.82		
40	QPSK	50	0	20.84	20.91	20.88	21.2	0.0
40	QPSK	50	28	20.90	20.93	20.82	21.2	0.0
40	QPSK	50	56	20.83	20.84	20.80	21.2	0.0
40	QPSK	100	0	20.89	20.93	20.88		
40	16QAM	1	1	20.86	20.89	20.79	21.2	0.0
40	64QAM	1	1	20.85	20.90	20.85	21.2	0.0
40	256QAM	1	1	20.84	20.83	20.85	21.2	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.66	20.86	20.75	21.2	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.69	20.83	20.72	21.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.76	20.80	20.66	21.2	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.70	20.85	20.72	21.2	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.67	20.84	20.65	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	20.61	20.55	20.52	21.0	0.0
100	π/2 BPSK	1	137	20.57	20.56	20.48		
100	π/2 BPSK	1	271	20.53	20.54	20.52		
100	π/2 BPSK	135	0	20.51	20.57	20.50	21.0	0.0
100	π/2 BPSK	135	69	20.56	20.57	20.50	21.0	0.0
100	π/2 BPSK	135	138	20.55	20.61	20.52	21.0	0.0
100	π/2 BPSK	270	0	20.50	20.62	20.59		
100	QPSK	1	1	20.53	20.79	20.52	21.0	0.0
100	QPSK	1	137	20.51	20.62	20.53		
100	QPSK	1	271	20.52	20.55	20.50		
100	QPSK	135	0	20.57	20.62	20.53	21.0	0.0
100	QPSK	135	69	20.61	20.68	20.52	21.0	0.0
100	QPSK	135	138	20.57	20.62	20.51	21.0	0.0
100	QPSK	270	0	20.53	20.63	20.58		
100	16QAM	1	1	20.58	20.60	20.58	21.0	0.0
100	64QAM	1	1	20.52	20.62	20.52	21.0	0.0
100	256QAM	1	1	20.58	20.60	20.49	21.0	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.46	20.72	20.44	21.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.45	20.69	20.37	21.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.44	20.66	20.39	21.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.43	20.69	20.41	21.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.44	20.72	20.45	21.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.46	20.68	20.46	21.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.41	20.64	20.43	21.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.47	20.64	20.46	21.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.46	20.69	20.39	21.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.37	20.73	20.41	21.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.41	20.72	20.44	21.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.39	20.67	20.40	21.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.45	20.73	20.39	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	17.83	17.82	17.81	19.0	0.0
40	π/2 BPSK	1	53	17.87	17.91	17.85		
40	π/2 BPSK	1	104	17.81	17.82	17.81		
40	π/2 BPSK	50	0	17.85	17.92	17.79	19.0	0.0
40	π/2 BPSK	50	28	17.82	17.90	17.79	19.0	0.0
40	π/2 BPSK	50	56	17.85	17.91	17.78	19.0	0.0
40	π/2 BPSK	100	0	17.84	17.91	17.74		
40	QPSK	1	1	17.83	17.94	17.77	19.0	0.0
40	QPSK	1	53	17.86	17.84	17.80		
40	QPSK	1	104	17.76	17.89	17.80		
40	QPSK	50	0	17.86	17.85	17.81	19.0	0.0
40	QPSK	50	28	17.80	17.91	17.84	19.0	0.0
40	QPSK	50	56	17.76	17.89	17.74	19.0	0.0
40	QPSK	100	0	17.88	17.89	17.75		
40	16QAM	1	1	17.76	17.80	17.76	19.0	0.0
40	64QAM	1	1	17.77	17.86	17.79	19.0	0.0
40	256QAM	1	1	17.80	17.82	17.81	19.0	0.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	17.72	17.82	17.63	19.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	17.74	17.83	17.72	19.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	17.71	17.83	17.65	19.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	17.72	17.83	17.71	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	π/2 BPSK	1	1	17.80	17.85	17.80	18.0	0.0
100	π/2 BPSK	1	137	17.86	17.86	17.72		
100	π/2 BPSK	1	271	17.79	17.85	17.79		
100	π/2 BPSK	135	0	17.84	17.80	17.82	18.0	0.0
100	π/2 BPSK	135	69	17.76	17.91	17.80	18.0	0.0
100	π/2 BPSK	135	138	17.79	17.86	17.76	18.0	0.0
100	π/2 BPSK	270	0	17.82	17.82	17.73		
100	QPSK	1	1	17.75	17.92	17.72	18.0	0.0
100	QPSK	1	137	17.84	17.82	17.74		
100	QPSK	1	271	17.78	17.84	17.73		
100	QPSK	135	0	17.78	17.81	17.81	18.0	0.0
100	QPSK	135	69	17.82	17.89	17.83	18.0	0.0
100	QPSK	135	138	17.79	17.88	17.79	18.0	0.0
100	QPSK	270	0	17.77	17.91	17.80		
100	16QAM	1	1	17.81	17.91	17.75	18.0	0.0
100	64QAM	1	1	17.86	17.88	17.82	18.0	0.0
100	256QAM	1	1	17.81	17.90	17.83	18.0	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.68	17.78	17.67	18.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.70	17.79	17.59	18.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.66	17.86	17.67	18.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.65	17.80	17.68	18.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.71	17.83	17.65	18.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.68	17.79	17.56	18.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.66	17.77	17.64	18.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.67	17.86	17.64	18.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.61	17.77	17.65	18.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.65	17.77	17.65	18.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.61	17.80	17.59	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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	21.29	21.36	21.35	21.5	0.0
100	π/2 BPSK	1	137	21.36	21.42	21.19		
100	π/2 BPSK	1	271	21.26	21.37	21.26		
100	π/2 BPSK	135	0	21.33	21.29	21.31	21.5	0.0
100	π/2 BPSK	135	69	21.27	21.42	21.26	21.5	0.0
100	π/2 BPSK	135	138	21.24	21.30	21.26	21.5	0.0
100	π/2 BPSK	270	0	21.32	21.29	21.25		
100	QPSK	1	1	21.28	21.46	21.17	21.5	0.0
100	QPSK	1	137	21.38	21.34	21.29		
100	QPSK	1	271	21.33	21.31	21.23		
100	QPSK	135	0	21.27	21.26	21.31	21.5	0.0
100	QPSK	135	69	21.33	21.41	21.33	21.5	0.0
100	QPSK	135	138	21.35	21.39	21.34	21.5	0.0
100	QPSK	270	0	21.29	21.38	21.31		
100	16QAM	1	1	21.32	21.40	21.29	21.5	0.0
100	64QAM	1	1	21.41	21.34	21.32	21.5	0.0
100	256QAM	1	1	21.34	21.34	21.29	21.5	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.39	21.42	21.37	21.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.41	21.35	21.36	21.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.42	21.34	21.31	21.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.39	21.40	21.40	21.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.32	21.35	21.34	21.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.34	21.42	21.34	21.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.31	21.30	21.40	21.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.35	21.35	21.35	21.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.32	21.32	21.39	21.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.38	21.31	21.41	21.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.41	21.32	21.39	21.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.14		18.0	0.0
100	π/2 BPSK	1	137		17.10			
100	π/2 BPSK	1	271		17.08			
100	π/2 BPSK	135	0		17.14		18.0	0.0
100	π/2 BPSK	135	69		17.15		18.0	0.0
100	π/2 BPSK	135	138		17.06		18.0	0.0
100	π/2 BPSK	270	0		17.14			
100	QPSK	1	1		17.18		18.0	0.0
100	QPSK	1	137		17.16			
100	QPSK	1	271		17.08			
100	QPSK	135	0		17.15		18.0	0.0
100	QPSK	135	69		17.16		18.0	0.0
100	QPSK	135	138		17.12		18.0	0.0
100	QPSK	270	0		17.14			
100	16QAM	1	1		17.12		18.0	0.0
100	64QAM	1	1		17.14		18.0	0.0
100	256QAM	1	1		17.07		18.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.04	17.08	17.10	18.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.11	17.00	17.11	18.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.03	17.06	17.01	18.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.05	17.06	17.11	18.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.10	17.01	17.02	18.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.06	17.08	17.03	18.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.09	17.03	17.06	18.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.08	17.06	17.00	18.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.01	17.04	17.00	18.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.11	17.09	17.00	18.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.11	17.10	17.07	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.67		21.5	0.0
100	π/2 BPSK	1	137		20.59			
100	π/2 BPSK	1	271		20.56			
100	π/2 BPSK	135	0		20.65		21.5	0.0
100	π/2 BPSK	135	69		20.70		21.5	0.0
100	π/2 BPSK	135	138		20.58		21.5	0.0
100	π/2 BPSK	270	0		20.62			
100	QPSK	1	1		20.71		21.5	0.0
100	QPSK	1	137		20.67			
100	QPSK	1	271		20.62			
100	QPSK	135	0		20.60		21.5	0.0
100	QPSK	135	69		20.65		21.5	0.0
100	QPSK	135	138		20.63		21.5	0.0
100	QPSK	270	0		20.67			
100	16QAM	1	1		20.66		21.5	0.0
100	64QAM	1	1		20.65		21.5	0.0
100	256QAM	1	1		20.62		21.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.63	20.55	20.61	21.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.56	20.65	20.60	21.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.61	20.64	20.65	21.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.64	20.60	20.59	21.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.63	20.65	20.64	21.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.59	20.62	20.61	21.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.66	20.66	20.62	21.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.57	20.66	20.63	21.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.59	20.62	20.60	21.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.59	20.63	20.61	21.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.60	20.59	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					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		17.50		18.0	0.0
100	π/2 BPSK	1	137		17.49			
100	π/2 BPSK	1	271		17.48			
100	π/2 BPSK	135	0		17.46		18.0	0.0
100	π/2 BPSK	135	69		17.51		18.0	0.0
100	π/2 BPSK	135	138		17.48		18.0	0.0
100	π/2 BPSK	270	0		17.52			
100	QPSK	1	1		17.59		18.0	0.0
100	QPSK	1	137		17.54			
100	QPSK	1	271		17.50			
100	QPSK	135	0		17.47		18.0	0.0
100	QPSK	135	69		17.48		18.0	0.0
100	QPSK	135	138		17.47		18.0	0.0
100	QPSK	270	0		17.44			
100	16QAM	1	1		17.44		18.0	0.0
100	64QAM	1	1		17.44		18.0	0.0
100	256QAM	1	1		17.52		18.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.45	17.46	17.48	18.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.50	17.48	17.47	18.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.49	17.52	17.49	18.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.50	17.49	17.52	18.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.53	17.50	17.46	18.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.48	17.44	17.49	18.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.45	17.50	17.46	18.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.51	17.54	17.47	18.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.54	17.45	17.52	18.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.46	17.44	17.47	18.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.44	17.50	17.55	18.0	0.0

Part27O n78 PC2 Ant5 DSI3

BW [MHz]	Modulation	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	π/2 BPSK	1	1		21.02		21.5	0.0
100	π/2 BPSK	1	137		20.97			
100	π/2 BPSK	1	271		21.00			
100	π/2 BPSK	135	0		20.90		21.5	0.0
100	π/2 BPSK	135	69		20.99		21.5	0.0
100	π/2 BPSK	135	138		20.93		21.5	0.0
100	π/2 BPSK	270	0		21.03			
100	QPSK	1	1		21.11		21.5	0.0
100	QPSK	1	137		21.09			
100	QPSK	1	271		20.96			
100	QPSK	135	0		21.00		21.5	0.0
100	QPSK	135	69		21.02		21.5	0.0
100	QPSK	135	138		20.96		21.5	0.0
100	QPSK	270	0		20.90			
100	16QAM	1	1		20.91		21.5	0.0
100	64QAM	1	1		20.90		21.5	0.0
100	256QAM	1	1		21.06		21.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.98	21.05	20.95	21.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.04	20.99	20.98	21.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.01	21.01	20.95	21.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.06	21.06	21.06	21.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.97	21.06	21.02	21.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.99	21.01	21.01	21.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.00	20.96	21.05	21.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.02	21.02	21.02	21.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.03	21.06	20.96	21.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.04	20.96	21.01	21.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.96	21.05	20.96	21.5	0.0

Part27Q n78 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.38		18.0	0.0
100	π/2 BPSK	1	137		17.33			
100	π/2 BPSK	1	271		17.34			
100	π/2 BPSK	135	0		17.31		18.0	0.0
100	π/2 BPSK	135	69		17.38		18.0	0.0
100	π/2 BPSK	135	138		17.33		18.0	0.0
100	π/2 BPSK	270	0		17.47			
100	QPSK	1	1		17.50		18.0	0.0
100	QPSK	1	137		17.40			
100	QPSK	1	271		17.44			
100	QPSK	135	0		17.37		18.0	0.0
100	QPSK	135	69		17.42		18.0	0.0
100	QPSK	135	138		17.36		18.0	0.0
100	QPSK	270	0		17.39			
100	16QAM	1	1		17.29		18.0	0.0
100	64QAM	1	1		17.38		18.0	0.0
100	256QAM	1	1		17.43		18.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.42	17.46	17.44	18.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.39	17.37	17.39	18.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.41	17.40	17.40	18.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.35	17.35	17.44	18.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.36	17.42	17.46	18.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.35	17.39	17.39	18.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.40	17.42	17.44	18.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.40	17.34	17.38	18.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.44	17.38	17.45	18.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.39	17.41	17.43	18.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.37	17.43	17.35	18.0	0.0

Part27Q n78 PC2 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.89		21.5	0.0
100	π/2 BPSK	1	137		20.82			
100	π/2 BPSK	1	271		20.85			
100	π/2 BPSK	135	0		20.75		21.5	0.0
100	π/2 BPSK	135	69		20.83		21.5	0.0
100	π/2 BPSK	135	138		20.87		21.5	0.0
100	π/2 BPSK	270	0		20.87			
100	QPSK	1	1		21.03		21.5	0.0
100	QPSK	1	137		20.94			
100	QPSK	1	271		20.82			
100	QPSK	135	0		20.92		21.5	0.0
100	QPSK	135	69		20.95		21.5	0.0
100	QPSK	135	138		20.83		21.5	0.0
100	QPSK	270	0		20.81			
100	16QAM	1	1		20.80		21.5	0.0
100	64QAM	1	1		20.83		21.5	0.0
100	256QAM	1	1		20.95		21.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.89	20.97	20.94	21.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.89	20.93	20.92	21.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.94	20.96	20.93	21.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.92	20.99	20.95	21.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.97	20.99	20.94	21.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.98	20.98	20.98	21.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.90	20.98	20.92	21.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.88	20.95	20.92	21.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.96	20.97	20.93	21.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.90	20.89	20.93	21.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.92	20.94	20.88	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	19.60	19.68	19.61	20.9	0.0
40	π/2 BPSK	1	108	19.66	19.66	19.57		
40	π/2 BPSK	1	214	19.65	19.62	19.64		
40	π/2 BPSK	108	0	19.67	19.62	19.57	20.9	0.0
40	π/2 BPSK	108	54	19.67	19.70	19.60	20.9	0.0
40	π/2 BPSK	108	108	19.68	19.69	19.58	20.9	0.0
40	π/2 BPSK	216	0	19.59	19.62	19.63		
40	QPSK	1	1	19.61	19.75	19.60	20.9	0.0
40	QPSK	1	108	19.61	19.66	19.66		
40	QPSK	1	214	19.59	19.60	19.66		
40	QPSK	108	0	19.68	19.61	19.59	20.9	0.0
40	QPSK	108	54	19.63	19.69	19.56	20.9	0.0
40	QPSK	108	108	19.63	19.67	19.59	20.9	0.0
40	QPSK	216	0	19.65	19.68	19.58		
40	16QAM	1	1	19.59	19.67	19.61	20.9	0.0
40	64QAM	1	1	18.61	18.78	18.58	19.9	1.0
40	256QAM	1	1	16.67	16.70	16.55	17.9	3.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.52	19.62	19.52	20.9	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.49	19.67	19.48	20.9	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.49	19.59	19.47	20.9	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.48	19.63	19.53	20.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.45	19.65	19.52	20.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.50	19.67	19.45	20.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.54	19.59	19.46	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	18.71	18.83	18.71	19.8	0.0
50	π/2 BPSK	1	135	18.75	18.85	18.65		
50	π/2 BPSK	1	268	18.77	18.76	18.69		
50	π/2 BPSK	135	0	18.78	18.75	18.64	19.8	0.0
50	π/2 BPSK	135	68	18.80	18.79	18.68	19.8	0.0
50	π/2 BPSK	135	135	18.72	18.78	18.65	19.8	0.0
50	π/2 BPSK	270	0	18.75	18.80	18.73		
50	QPSK	1	1	18.78	18.99	18.65	19.8	0.0
50	QPSK	1	135	18.73	18.82	18.67		
50	QPSK	1	268	18.78	18.85	18.67		
50	QPSK	135	0	18.71	18.79	18.70	19.8	0.0
50	QPSK	135	68	18.71	18.85	18.69	19.8	0.0
50	QPSK	135	135	18.70	18.84	18.66	19.8	0.0
50	QPSK	270	0	18.75	18.79	18.66		
50	16QAM	1	1	18.79	18.81	18.71	19.8	0.0
50	64QAM	1	1	18.74	18.81	18.71	19.8	0.0
50	256QAM	1	1	18.72	18.81	18.69	19.8	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.72	18.84	18.55	19.8	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.71	18.89	18.50	19.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.65	18.89	18.51	19.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.67	18.88	18.50	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	18.65	18.91	18.52	19.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.64	18.94	18.58	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.63	18.94	18.56	19.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.63	18.84	18.59	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	19.76	19.78	19.82	20.9	0.0
40	π/2 BPSK	1	108	19.76	19.81	19.74		
40	π/2 BPSK	1	214	19.73	19.82	19.78		
40	π/2 BPSK	108	0	19.71	19.76	19.72	20.9	0.0
40	π/2 BPSK	108	54	19.79	19.77	19.80	20.9	0.0
40	π/2 BPSK	108	108	19.70	19.81	19.75	20.9	0.0
40	π/2 BPSK	216	0	19.73	19.75	19.78		
40	QPSK	1	1	19.68	19.83	19.80	20.9	0.0
40	QPSK	1	108	19.70	19.75	19.78		
40	QPSK	1	214	19.77	19.78	19.72		
40	QPSK	108	0	19.70	19.75	19.78	20.9	0.0
40	QPSK	108	54	19.70	19.81	19.80	20.9	0.0
40	QPSK	108	108	19.69	19.80	19.72	20.9	0.0
40	QPSK	216	0	19.70	19.79	19.74		
40	16QAM	1	1	19.69	19.76	19.73	20.9	0.0
40	64QAM	1	1	18.66	18.89	18.77	19.9	1.0
40	256QAM	1	1	16.64	16.85	16.84	17.9	3.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.63	19.68	19.66	20.9	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.55	19.76	19.66	20.9	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.60	19.68	19.71	20.9	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.58	19.74	19.65	20.9	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.56	19.68	19.70	20.9	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.57	19.74	19.65	20.9	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.53	19.78	19.70	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	19.06	19.18	19.09	19.9	0.0
45	π/2 BPSK	1	120	19.11	19.19	19.07		
45	π/2 BPSK	1	240	19.06	19.23	19.09		
45	π/2 BPSK	120	0	19.08	19.15	19.01	19.9	0.0
45	π/2 BPSK	120	60	19.05	19.16	19.04	19.9	0.0
45	π/2 BPSK	120	120	19.06	19.13	19.09	19.9	0.0
45	π/2 BPSK	240	0	19.06	19.24	19.02		
45	QPSK	1	1	19.08	19.26	19.08	19.9	0.0
45	QPSK	1	120	19.15	19.25	19.03		
45	QPSK	1	240	19.12	19.13	19.02		
45	QPSK	120	0	19.11	19.23	19.02	19.9	0.0
45	QPSK	120	60	19.14	19.25	19.02	19.9	0.0
45	QPSK	120	120	19.04	19.22	19.05	19.9	0.0
45	QPSK	240	0	19.11	19.16	19.09		
45	16QAM	1	1	19.15	19.19	19.01	19.9	0.0
45	64QAM	1	1	19.04	19.20	19.08	19.9	0.0
45	256QAM	1	1	17.60	17.73	17.58	18.4	1.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.01	19.10	19.00	19.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.97	19.05	18.97	19.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.94	19.04	19.02	19.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.93	19.04	18.92	19.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.02	19.06	18.92	19.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.00	19.13	18.93	19.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.98	19.14	18.98	19.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.03	19.13	19.03	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996	20.6	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	19.52	19.60	19.46		
40	π/2 BPSK	1	53	19.59	19.64	19.55		
40	π/2 BPSK	1	104	19.59	19.61	19.45		
40	π/2 BPSK	50	0	19.60	19.58	19.57	20.6	0.0
40	π/2 BPSK	50	28	19.52	19.55	19.54	20.6	0.0
40	π/2 BPSK	50	56	19.57	19.59	19.54	20.6	0.0
40	π/2 BPSK	100	0	19.52	19.60	19.47		
40	QPSK	1	1	19.52	19.65	19.47		
40	QPSK	1	53	19.59	19.61	19.57	20.6	0.0
40	QPSK	1	104	19.57	19.62	19.45		
40	QPSK	50	0	19.59	19.58	19.49	20.6	0.0
40	QPSK	50	28	19.54	19.64	19.47	20.6	0.0
40	QPSK	50	56	19.58	19.63	19.54	20.6	0.0
40	QPSK	100	0	19.56	19.57	19.52		
40	16QAM	1	1	19.60	19.58	19.47	20.6	0.0
40	64QAM	1	1	19.54	19.63	19.47	20.6	0.0
40	256QAM	1	1	19.50	19.59	19.53	20.1	0.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.41	19.51	19.33	20.6	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.44	19.51	19.39	20.6	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.48	19.52	19.38	20.6	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.47	19.50	19.36	20.6	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.47	19.41	19.40	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	20.3	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	19.05	19.10	18.95		
100	π/2 BPSK	1	137	18.95	19.08	19.00		
100	π/2 BPSK	1	271	18.95	19.06	18.97		
100	π/2 BPSK	135	0	19.02	19.09	19.03	20.3	0.0
100	π/2 BPSK	135	69	18.99	19.11	19.02	20.3	0.0
100	π/2 BPSK	135	138	19.01	19.07	19.04	20.3	0.0
100	π/2 BPSK	270	0	19.03	19.11	18.97		
100	QPSK	1	1	19.05	19.14	18.96		
100	QPSK	1	137	18.98	19.09	19.02	20.3	0.0
100	QPSK	1	271	18.96	19.03	18.94		
100	QPSK	135	0	19.04	19.01	18.95	20.3	0.0
100	QPSK	135	69	18.95	19.09	18.96	20.3	0.0
100	QPSK	135	138	19.01	19.08	19.05	20.3	0.0
100	QPSK	270	0	19.05	19.12	18.97		
100	16QAM	1	1	19.01	19.09	19.00	20.3	0.0
100	64QAM	1	1	18.98	19.07	18.94	20.3	0.0
100	256QAM	1	1	18.94	19.07	18.99	20.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.95	19.03	18.85	20.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.92	19.08	18.90	20.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.94	19.07	18.89	20.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.91	18.99	18.85	20.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.90	18.99	18.84	20.3	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.99	19.02	18.83	20.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.97	19.05	18.87	20.3	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.92	19.09	18.83	20.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.95	19.04	18.83	20.3	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.00	19.06	18.91	20.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.96	19.01	18.92	20.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.97	18.99	18.90	20.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.93	19.01	18.91	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	19.2	0.0
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	18.57	18.59	18.52		
100	π/2 BPSK	1	137	18.54	18.60	18.50		
100	π/2 BPSK	1	271	18.63	18.58	18.55		
100	π/2 BPSK	135	0	18.63	18.56	18.53	19.2	0.0
100	π/2 BPSK	135	69	18.57	18.54	18.56	19.2	0.0
100	π/2 BPSK	135	138	18.59	18.59	18.57	19.2	0.0
100	π/2 BPSK	270	0	18.53	18.58	18.57		
100	QPSK	1	1	18.59	18.66	18.58		
100	QPSK	1	137	18.61	18.64	18.51	19.2	0.0
100	QPSK	1	271	18.55	18.64	18.57		
100	QPSK	135	0	18.54	18.59	18.58	19.2	0.0
100	QPSK	135	69	18.58	18.61	18.57	19.2	0.0
100	QPSK	135	138	18.57	18.54	18.51	19.2	0.0
100	QPSK	270	0	18.54	18.55	18.51		
100	16QAM	1	1	18.57	18.55	18.58	19.2	0.0
100	64QAM	1	1	18.58	18.53	18.52	19.2	0.0
100	256QAM	1	1	18.59	18.63	18.50	19.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.49	18.52	18.49	19.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.54	18.47	18.49	19.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.52	18.50	18.48	19.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.44	18.45	18.52	19.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.50	18.47	18.51	19.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.47	18.52	18.47	19.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.53	18.53	18.47	19.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.48	18.51	18.46	19.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.55	18.48	18.52	19.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.46	18.52	18.50	19.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.52	18.51	18.47	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	22.2	0.0
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	21.52	21.54	21.49		
100	π/2 BPSK	1	137	21.59	21.55	21.53		
100	π/2 BPSK	1	271	21.69	21.57	21.56		
100	π/2 BPSK	135	0	21.67	21.59	21.55	22.2	0.0
100	π/2 BPSK	135	69	21.58	21.55	21.50	22.2	0.0
100	π/2 BPSK	135	138	21.64	21.61	21.55	22.2	0.0
100	π/2 BPSK	270	0	21.49	21.63	21.53		
100	QPSK	1	1	21.59	21.70	21.52		
100	QPSK	1	137	21.59	21.60	21.57	22.2	0.0
100	QPSK	1	271	21.51	21.64	21.55		
100	QPSK	135	0	21.49	21.62	21.54	22.2	0.0
100	QPSK	135	69	21.60	21.63	21.55	22.2	0.0
100	QPSK	135	138	21.61	21.55	21.56	22.2	0.0
100	QPSK	270	0	21.56	21.59	21.56		
100	16QAM	1	1	21.54	21.60	21.54	22.2	0.0
100	64QAM	1	1	21.55	21.56	21.52	22.2	0.0
100	256QAM	1	1	21.60	21.67	21.55	22.2	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.51	21.63	21.40	22.2	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.54	21.60	21.39	22.2	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.43	21.62	21.46	22.2	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.48	21.60	21.42	22.2	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.53	21.63	21.48	22.2	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.48	21.62	21.47	22.2	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.43	21.63	21.39	22.2	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.46	21.58	21.43	22.2	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.50	21.60	21.47	22.2	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.49	21.65	21.38	22.2	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.54	21.58	21.46	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		18.46		19.2	0.0
100	π/2 BPSK	1	137		18.44			
100	π/2 BPSK	1	271		18.43			
100	π/2 BPSK	135	0		18.51		19.2	0.0
100	π/2 BPSK	135	69		18.39		19.2	0.0
100	π/2 BPSK	135	138		18.50		19.2	0.0
100	π/2 BPSK	270	0		18.49			
100	QPSK	1	1		18.60		19.2	0.0
100	QPSK	1	137		18.49			
100	QPSK	1	271		18.59			
100	QPSK	135	0		18.44		19.2	0.0
100	QPSK	135	69		18.54		19.2	0.0
100	QPSK	135	138		18.50		19.2	0.0
100	QPSK	270	0		18.40			
100	16QAM	1	1		18.42		19.2	0.0
100	64QAM	1	1		18.49		19.2	0.0
100	256QAM	1	1		18.55		19.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.51	18.52	18.49	19.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.50	18.46	18.46	19.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.50	18.45	18.46	19.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.48	18.50	18.52	19.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.55	18.52	18.51	19.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.51	18.47	18.48	19.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.54	18.55	18.51	19.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.45	18.49	18.46	19.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.46	18.51	18.52	19.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.48	18.48	18.48	19.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.54	18.56	18.51	19.2	0.0

Part27Q n77 PC2 Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.43		22.2	0.0
100	π/2 BPSK	1	137		21.42			
100	π/2 BPSK	1	271		21.52			
100	π/2 BPSK	135	0		21.52		22.2	0.0
100	π/2 BPSK	135	69		21.47		22.2	0.0
100	π/2 BPSK	135	138		21.53		22.2	0.0
100	π/2 BPSK	270	0		21.53			
100	QPSK	1	1		21.63		22.2	0.0
100	QPSK	1	137		21.47			
100	QPSK	1	271		21.55			
100	QPSK	135	0		21.52		22.2	0.0
100	QPSK	135	69		21.56		22.2	0.0
100	QPSK	135	138		21.49		22.2	0.0
100	QPSK	270	0		21.53			
100	16QAM	1	1		21.53		22.2	0.0
100	64QAM	1	1		21.52		22.2	0.0
100	256QAM	1	1		21.59		22.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.51	21.50	21.57	22.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.52	21.52	21.47	22.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.57	21.50	21.51	22.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.58	21.58	21.56	22.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.58	21.49	21.53	22.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.52	21.59	21.53	22.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.51	21.49	21.47	22.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.49	21.57	21.53	22.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.58	21.50	21.59	22.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.52	21.56	21.47	22.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.53	21.51	21.49	22.2	0.0

Part27O n78 Ant4 DSI3

BW [MHz]	Modulation	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	π/2 BPSK	1	1		17.69		18.6	0.0
100	π/2 BPSK	1	137		17.72			
100	π/2 BPSK	1	271		17.77			
100	π/2 BPSK	135	0		17.71		18.6	0.0
100	π/2 BPSK	135	69		17.74		18.6	0.0
100	π/2 BPSK	135	138		17.78		18.6	0.0
100	π/2 BPSK	270	0		17.74			
100	QPSK	1	1		17.84		18.6	0.0
100	QPSK	1	137		17.77			
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.78		18.6	0.0
100	QPSK	135	69		17.80		18.6	0.0
100	QPSK	135	138		17.77		18.6	0.0
100	QPSK	270	0		17.78			
100	16QAM	1	1		17.67		18.6	0.0
100	64QAM	1	1		17.74		18.6	0.0
100	256QAM	1	1		17.69		18.6	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.72	17.78	17.75	18.6	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.69	17.72	17.72	18.6	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.61	17.70	17.71	18.6	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.62	17.68	17.67	18.6	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.63	17.67	17.63	18.6	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.65	17.66	17.65	18.6	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.65	17.67	17.70	18.6	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.63	17.73	17.66	18.6	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.60	17.74	17.70	18.6	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.70	17.64	17.63	18.6	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.67	17.69	17.65	18.6	0.0

Part27O n78 PC2 Ant4 DSI3

BW [MHz]	Modulation	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	π/2 BPSK	1	1		20.75		21.6	0.0
100	π/2 BPSK	1	137		20.71			
100	π/2 BPSK	1	271		20.76			
100	π/2 BPSK	135	0		20.69		21.6	0.0
100	π/2 BPSK	135	69		20.80		21.6	0.0
100	π/2 BPSK	135	138		20.73		21.6	0.0
100	π/2 BPSK	270	0		20.79			
100	QPSK	1	1		20.85		21.6	0.0
100	QPSK	1	137		20.74			
100	QPSK	1	271		20.67			
100	QPSK	135	0		20.75		21.6	0.0
100	QPSK	135	69		20.83		21.6	0.0
100	QPSK	135	138		20.80		21.6	0.0
100	QPSK	270	0		20.81			
100	16QAM	1	1		20.71		21.6	0.0
100	64QAM	1	1		20.72		21.6	0.0
100	256QAM	1	1		20.68		21.6	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.65	20.74	20.75	21.6	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.65	20.70	20.73	21.6	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.67	20.67	20.66	21.6	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.71	20.66	20.76	21.6	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.71	20.66	20.72	21.6	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.71	20.73	20.73	21.6	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.74	20.74	20.65	21.6	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.70	20.71	20.71	21.6	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.67	20.72	20.73	21.6	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.75	20.72	20.70	21.6	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.67	20.70	20.73	21.6	0.0

Part27Q n78 Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.94		18.6	0.0
100	π/2 BPSK	1	137		17.96			
100	π/2 BPSK	1	271		17.91			
100	π/2 BPSK	135	0		17.86		18.6	0.0
100	π/2 BPSK	135	69		17.94		18.6	0.0
100	π/2 BPSK	135	138		17.93		18.6	0.0
100	π/2 BPSK	270	0		17.90			
100	QPSK	1	1		18.09		18.6	0.0
100	QPSK	1	137		17.94			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.92		18.6	0.0
100	QPSK	135	69		18.04		18.6	0.0
100	QPSK	135	138		17.91		18.6	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.83		18.6	0.0
100	64QAM	1	1		17.97		18.6	0.0
100	256QAM	1	1		17.88		18.6	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.88	17.86	17.92	18.6	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.88	17.87	17.89	18.6	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.81	17.86	17.91	18.6	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.82	17.87	17.84	18.6	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.88	17.91	17.83	18.6	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.82	17.88	17.86	18.6	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.84	17.86	17.89	18.6	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.82	17.91	17.83	18.6	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.79	17.93	17.86	18.6	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.87	17.93	17.81	18.6	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.83	17.94	17.83	18.6	0.0

Part27Q n78 PC2 Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.94		21.6	0.0
100	π/2 BPSK	1	137		21.01			
100	π/2 BPSK	1	271		20.87			
100	π/2 BPSK	135	0		20.81		21.6	0.0
100	π/2 BPSK	135	69		21.00		21.6	0.0
100	π/2 BPSK	135	138		20.90		21.6	0.0
100	π/2 BPSK	270	0		20.91			
100	QPSK	1	1		21.15		21.6	0.0
100	QPSK	1	137		20.93			
100	QPSK	1	271		20.90			
100	QPSK	135	0		20.97		21.6	0.0
100	QPSK	135	69		21.04		21.6	0.0
100	QPSK	135	138		20.90		21.6	0.0
100	QPSK	270	0		20.98			
100	16QAM	1	1		20.84		21.6	0.0
100	64QAM	1	1		20.98		21.6	0.0
100	256QAM	1	1		20.92		21.6	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.01	20.66	20.69	21.6	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.09	20.65	20.70	21.6	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.05	20.64	20.69	21.6	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.07	20.69	20.72	21.6	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.10	20.73	20.70	21.6	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.02	20.68	20.67	21.6	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.06	20.65	20.66	21.6	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.07	20.65	20.66	21.6	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.05	20.66	20.72	21.6	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.07	20.69	20.74	21.6	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.01	20.65	20.74	21.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	20.49	20.43	20.47	21.8	0.0
40	π/2 BPSK	1	108	20.43	20.53	20.48		
40	π/2 BPSK	1	214	20.44	20.49	20.39		
40	π/2 BPSK	108	0	20.48	20.45	20.40	21.8	0.0
40	π/2 BPSK	108	54	20.44	20.49	20.45	21.8	0.0
40	π/2 BPSK	108	108	20.45	20.47	20.41	21.8	0.0
40	π/2 BPSK	216	0	20.47	20.43	20.46		
40	QPSK	1	1	20.44	20.55	20.42	21.8	0.0
40	QPSK	1	108	20.46	20.53	20.37		
40	QPSK	1	214	20.46	20.48	20.42		
40	QPSK	108	0	20.48	20.47	20.46	21.8	0.0
40	QPSK	108	54	20.42	20.49	20.40	21.8	0.0
40	QPSK	108	108	20.48	20.46	20.38	21.8	0.0
40	QPSK	216	0	20.45	20.53	20.38		
40	16QAM	1	1	20.42	20.50	20.38	21.8	0.0
40	64QAM	1	1	19.40	19.53	19.36	20.8	1.0
40	256QAM	1	1	17.45	17.59	17.42	18.8	3.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.30	20.49	20.27	21.8	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.38	20.49	20.32	21.8	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.30	20.44	20.31	21.8	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.29	20.42	20.28	21.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.33	20.50	20.35	21.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.31	20.41	20.30	21.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.35	20.50	20.32	21.8	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	19.61	19.71	19.49	20.6	0.0
50	π/2 BPSK	1	135	19.70	19.74	19.55		
50	π/2 BPSK	1	268	19.70	19.66	19.57		
50	π/2 BPSK	135	0	19.60	19.73	19.57	20.6	0.0
50	π/2 BPSK	135	68	19.61	19.72	19.49	20.6	0.0
50	π/2 BPSK	135	135	19.63	19.71	19.48	20.6	0.0
50	π/2 BPSK	270	0	19.70	19.71	19.50		
50	QPSK	1	1	19.60	19.82	19.59	20.6	0.0
50	QPSK	1	135	19.67	19.69	19.58		
50	QPSK	1	268	19.67	19.65	19.52		
50	QPSK	135	0	19.62	19.68	19.49	20.6	0.0
50	QPSK	135	68	19.67	19.73	19.54	20.6	0.0
50	QPSK	135	135	19.66	19.65	19.52	20.6	0.0
50	QPSK	270	0	19.65	19.71	19.51		
50	16QAM	1	1	19.65	19.73	19.49	20.6	0.0
50	64QAM	1	1	19.69	19.63	19.55	20.6	0.0
50	256QAM	1	1	19.62	19.73	19.48	20.6	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.46	19.77	19.51	20.6	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.52	19.69	19.44	20.6	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.51	19.74	19.52	20.6	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.48	19.67	19.49	20.6	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	19.48	19.68	19.54	20.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.51	19.73	19.43	20.6	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.48	19.73	19.46	20.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.44	19.67	19.45	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	20.53	20.45	20.47	21.8	0.0
40	π/2 BPSK	1	108	20.50	20.60	20.50		
40	π/2 BPSK	1	214	20.53	20.50	20.49		
40	π/2 BPSK	108	0	20.58	20.54	20.45	21.8	0.0
40	π/2 BPSK	108	54	20.55	20.48	20.44	21.8	0.0
40	π/2 BPSK	108	108	20.45	20.55	20.50	21.8	0.0
40	π/2 BPSK	216	0	20.53	20.49	20.55		
40	QPSK	1	1	20.45	20.63	20.46	21.8	0.0
40	QPSK	1	108	20.54	20.62	20.45		
40	QPSK	1	214	20.47	20.55	20.46		
40	QPSK	108	0	20.59	20.53	20.57	21.8	0.0
40	QPSK	108	54	20.43	20.60	20.44	21.8	0.0
40	QPSK	108	108	20.55	20.50	20.41	21.8	0.0
40	QPSK	216	0	20.50	20.62	20.42		
40	16QAM	1	1	20.43	20.49	20.40	21.8	0.0
40	64QAM	1	1	19.40	19.52	19.38	20.8	1.0
40	256QAM	1	1	17.53	17.66	17.44	18.8	3.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	20.32	20.53	20.36	21.8	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.30	20.56	20.39	21.8	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.36	20.47	20.33	21.8	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	20.30	20.50	20.41	21.8	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.39	20.47	20.41	21.8	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.35	20.52	20.36	21.8	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.36	20.57	20.31	21.8	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	18.27	18.24	18.24	19.2	0.0
45	π/2 BPSK	1	120	18.23	18.32	18.29		
45	π/2 BPSK	1	240	18.22	18.24	18.22		
45	π/2 BPSK	120	0	18.26	18.36	18.22	19.2	0.0
45	π/2 BPSK	120	60	18.27	18.31	18.24	19.2	0.0
45	π/2 BPSK	120	120	18.27	18.26	18.18	19.2	0.0
45	π/2 BPSK	240	0	18.25	18.32	18.27		
45	QPSK	1	1	18.30	18.38	18.20	19.2	0.0
45	QPSK	1	120	18.21	18.24	18.26		
45	QPSK	1	240	18.27	18.26	18.21		
45	QPSK	120	0	18.26	18.35	18.24	19.2	0.0
45	QPSK	120	60	18.23	18.36	18.25	19.2	0.0
45	QPSK	120	120	18.31	18.28	18.19	19.2	0.0
45	QPSK	240	0	18.32	18.33	18.24		
45	16QAM	1	1	18.32	18.31	18.26	19.2	0.0
45	64QAM	1	1	18.28	18.32	18.28	19.2	0.0
45	256QAM	1	1	18.31	18.25	18.25	19.2	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.16	18.13	18.13	19.2	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.17	18.11	18.13	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.16	18.11	18.07	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.23	18.15	18.04	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.16	18.12	18.11	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.21	18.20	18.05	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.22	18.19	18.07	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.18	18.14	18.15	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	19.87	19.89	19.87	20.9	0.0
40	π/2 BPSK	1	53	19.93	19.91	19.86		
40	π/2 BPSK	1	104	19.87	19.96	19.93		
40	π/2 BPSK	50	0	19.87	19.97	19.92	20.9	0.0
40	π/2 BPSK	50	28	19.94	19.97	19.88	20.9	0.0
40	π/2 BPSK	50	56	19.91	19.92	19.86	20.9	0.0
40	π/2 BPSK	100	0	19.86	19.96	19.91		
40	QPSK	1	1	19.94	20.01	19.86	20.9	0.0
40	QPSK	1	53	19.93	19.94	19.92		
40	QPSK	1	104	19.87	19.89	19.87		
40	QPSK	50	0	19.89	19.90	19.88	20.9	0.0
40	QPSK	50	28	19.89	19.99	19.87	20.9	0.0
40	QPSK	50	56	19.92	19.98	19.87	20.9	0.0
40	QPSK	100	0	19.95	19.96	19.90		
40	16QAM	1	1	19.90	19.99	19.89	20.9	0.0
40	64QAM	1	1	19.93	19.88	19.86	20.9	0.0
40	256QAM	1	1	19.90	19.92	19.86	20.9	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.86	19.87	19.81	20.9	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.84	19.79	19.81	20.9	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.89	19.82	19.72	20.9	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.79	19.90	19.79	20.9	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.83	19.90	19.70	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	19.17	19.26	19.28	20.6	0.0
100	π/2 BPSK	1	137	19.11	19.29	19.16		
100	π/2 BPSK	1	271	19.11	19.24	19.18		
100	π/2 BPSK	135	0	19.12	19.30	19.21	20.6	0.0
100	π/2 BPSK	135	69	19.18	19.29	19.22	20.6	0.0
100	π/2 BPSK	135	138	19.14	19.28	19.16	20.6	0.0
100	π/2 BPSK	270	0	19.18	19.26	19.25		
100	QPSK	1	1	19.12	19.33	19.23	20.6	0.0
100	QPSK	1	137	19.17	19.31	19.21		
100	QPSK	1	271	19.10	19.30	19.22		
100	QPSK	135	0	19.15	19.22	19.22	20.6	0.0
100	QPSK	135	69	19.12	19.32	19.20	20.6	0.0
100	QPSK	135	138	19.11	19.30	19.24	20.6	0.0
100	QPSK	270	0	19.11	19.31	19.23		
100	16QAM	1	1	19.12	19.31	19.22	20.6	0.0
100	64QAM	1	1	19.11	19.29	19.21	20.6	0.0
100	256QAM	1	1	19.19	19.30	19.20	20.6	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.98	19.22	19.17	20.6	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.02	19.28	19.18	20.6	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.00	19.25	19.13	20.6	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.05	19.24	19.17	20.6	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.98	19.26	19.14	20.6	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.04	19.20	19.18	20.6	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.04	19.23	19.12	20.6	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.07	19.21	19.10	20.6	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.06	19.25	19.08	20.6	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.01	19.22	19.13	20.6	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.00	19.28	19.17	20.6	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.01	19.25	19.07	20.6	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.97	19.23	19.09	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	17.25	17.31	17.15	18.7	0.0
100	π/2 BPSK	1	137	17.21	17.27	17.20		
100	π/2 BPSK	1	271	17.14	17.32	17.15		
100	π/2 BPSK	135	0	17.13	17.34	17.16	18.7	0.0
100	π/2 BPSK	135	69	17.23	17.42	17.23	18.7	0.0
100	π/2 BPSK	135	138	17.07	17.44	17.29	18.7	0.0
100	π/2 BPSK	270	0	17.20	17.42	17.27		
100	QPSK	1	1	17.14	17.47	17.23	18.7	0.0
100	QPSK	1	137	17.11	17.32	17.26		
100	QPSK	1	271	17.22	17.29	17.22		
100	QPSK	135	0	17.18	17.31	17.21	18.7	0.0
100	QPSK	135	69	17.07	17.41	17.20	18.7	0.0
100	QPSK	135	138	17.11	17.40	17.22	18.7	0.0
100	QPSK	270	0	17.20	17.27	17.23		
100	16QAM	1	1	17.26	17.34	17.16	18.7	0.0
100	64QAM	1	1	17.11	17.42	17.28	18.7	0.0
100	256QAM	1	1	17.23	17.29	17.20	18.7	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.10	17.29	17.14	18.7	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.09	17.30	17.08	18.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.05	17.30	17.10	18.7	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.01	17.33	17.10	18.7	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.00	17.36	17.11	18.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.08	17.33	17.11	18.7	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.09	17.34	17.12	18.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.01	17.28	17.07	18.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.99	17.30	17.15	18.7	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.08	17.26	17.14	18.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.03	17.27	17.11	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	20.25	20.26	20.20	21.7	0.0
100	π/2 BPSK	1	137	20.17	20.33	20.17		
100	π/2 BPSK	1	271	20.15	20.34	20.18		
100	π/2 BPSK	135	0	20.14	20.29	20.15	21.7	0.0
100	π/2 BPSK	135	69	20.26	20.46	20.23	21.7	0.0
100	π/2 BPSK	135	138	20.12	20.43	20.31	21.7	0.0
100	π/2 BPSK	270	0	20.23	20.45	20.32		
100	QPSK	1	1	20.17	20.50	20.20	21.7	0.0
100	QPSK	1	137	20.13	20.33	20.28		
100	QPSK	1	271	20.25	20.26	20.17		
100	QPSK	135	0	20.12	20.36	20.22	21.7	0.0
100	QPSK	135	69	20.11	20.42	20.17	21.7	0.0
100	QPSK	135	138	20.13	20.35	20.24	21.7	0.0
100	QPSK	270	0	20.20	20.23	20.20		
100	16QAM	1	1	20.21	20.36	20.15	21.7	0.0
100	64QAM	1	1	20.15	20.48	20.33	21.7	0.0
100	256QAM	1	1	19.61	19.94	19.64	21.2	0.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.01	20.36	20.16	21.7	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.11	20.42	20.14	21.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.03	20.38	20.12	21.7	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.05	20.34	20.11	21.7	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.10	20.41	20.15	21.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.07	20.35	20.05	21.7	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.03	20.36	20.11	21.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.12	20.34	20.16	21.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.12	20.39	20.06	21.7	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.10	20.37	20.06	21.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.10	20.38	20.15	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.18		18.7	0.0
100	π/2 BPSK	1	137		17.15			
100	π/2 BPSK	1	271		17.21			
100	π/2 BPSK	135	0		17.25		18.7	0.0
100	π/2 BPSK	135	69		17.35		18.7	0.0
100	π/2 BPSK	135	138		17.35		18.7	0.0
100	π/2 BPSK	270	0		17.38			
100	QPSK	1	1		17.39		18.7	0.0
100	QPSK	1	137		17.22			
100	QPSK	1	271		17.21			
100	QPSK	135	0		17.25		18.7	0.0
100	QPSK	135	69		17.35		18.7	0.0
100	QPSK	135	138		17.34		18.7	0.0
100	QPSK	270	0		17.13			
100	16QAM	1	1		17.20		18.7	0.0
100	64QAM	1	1		17.27		18.7	0.0
100	256QAM	1	1		17.21		18.7	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.32	17.27	17.29	18.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.25	17.31	17.27	18.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.27	17.26	17.31	18.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.29	17.32	17.32	18.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.29	17.31	17.27	18.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.32	17.25	17.25	18.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.26	17.24	17.33	18.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.26	17.31	17.24	18.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.34	17.31	17.32	18.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.32	17.31	17.33	18.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.30	17.32	17.30	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.19		21.7	0.0
100	π/2 BPSK	1	137		20.28			
100	π/2 BPSK	1	271		20.19			
100	π/2 BPSK	135	0		20.13		21.7	0.0
100	π/2 BPSK	135	69		20.39		21.7	0.0
100	π/2 BPSK	135	138		20.38		21.7	0.0
100	π/2 BPSK	270	0		20.34			
100	QPSK	1	1		20.41		21.7	0.0
100	QPSK	1	137		20.29			
100	QPSK	1	271		20.16			
100	QPSK	135	0		20.28		21.7	0.0
100	QPSK	135	69		20.30		21.7	0.0
100	QPSK	135	138		20.29		21.7	0.0
100	QPSK	270	0		20.11			
100	16QAM	1	1		20.28		21.7	0.0
100	64QAM	1	1		20.35		21.7	0.0
100	256QAM	1	1		19.83		21.2	0.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.35	20.30	20.27	21.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.33	20.34	20.31	21.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.34	20.27	20.33	21.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.26	20.24	20.28	21.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.30	20.32	20.34	21.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.28	20.27	20.35	21.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.30	20.33	20.34	21.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.32	20.34	20.26	21.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.33	20.25	20.24	21.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.23	20.31	20.28	21.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.29	20.24	20.29	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		16.89		18.2	0.0
100	π/2 BPSK	1	137		16.86			
100	π/2 BPSK	1	271		16.83			
100	π/2 BPSK	135	0		16.94		18.2	0.0
100	π/2 BPSK	135	69		16.93		18.2	0.0
100	π/2 BPSK	135	138		16.90		18.2	0.0
100	π/2 BPSK	270	0		16.93			
100	QPSK	1	1		16.96		18.2	0.0
100	QPSK	1	137		16.84			
100	QPSK	1	271		16.92			
100	QPSK	135	0		16.91		18.2	0.0
100	QPSK	135	69		16.93		18.2	0.0
100	QPSK	135	138		16.92		18.2	0.0
100	QPSK	270	0		16.83			
100	16QAM	1	1		16.84		18.2	0.0
100	64QAM	1	1		16.90		18.2	0.0
100	256QAM	1	1		16.91		18.2	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.69	16.72	16.68	18.2	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.76	16.80	16.78	18.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.75	16.73	16.80	18.2	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.75	16.73	16.71	18.2	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.73	16.71	16.71	18.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.71	16.79	16.71	18.2	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.72	16.75	16.78	18.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.70	16.73	16.73	18.2	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.80	16.70	16.80	18.2	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.70	16.69	16.68	18.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.71	16.73	16.69	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		19.93		21.2	0.0
100	π/2 BPSK	1	137		19.89			
100	π/2 BPSK	1	271		19.84			
100	π/2 BPSK	135	0		19.92		21.2	0.0
100	π/2 BPSK	135	69		19.99		21.2	0.0
100	π/2 BPSK	135	138		19.84		21.2	0.0
100	π/2 BPSK	270	0		19.97			
100	QPSK	1	1		20.02		21.2	0.0
100	QPSK	1	137		19.89			
100	QPSK	1	271		19.98			
100	QPSK	135	0		19.86		21.2	0.0
100	QPSK	135	69		19.99		21.2	0.0
100	QPSK	135	138		19.98		21.2	0.0
100	QPSK	270	0		19.79			
100	16QAM	1	1		19.79		21.2	0.0
100	64QAM	1	1		19.85		21.2	0.0
100	256QAM	1	1		19.95		21.2	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.96	19.91	19.88	21.2	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.94	19.97	19.90	21.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.95	19.95	19.98	21.2	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.88	19.89	19.95	21.2	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.96	19.96	19.92	21.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.93	19.93	19.92	21.2	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.93	19.94	19.96	21.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.93	19.90	19.92	21.2	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.97	19.98	19.93	21.2	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.89	19.87	19.89	21.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.90	19.98	19.94	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		16.75		18.2	0.0
100	π/2 BPSK	1	137		16.81			
100	π/2 BPSK	1	271		16.70			
100	π/2 BPSK	135	0		16.86		18.2	0.0
100	π/2 BPSK	135	69		16.86		18.2	0.0
100	π/2 BPSK	135	138		16.82		18.2	0.0
100	π/2 BPSK	270	0		16.78			
100	QPSK	1	1		16.89		18.2	0.0
100	QPSK	1	137		16.76			
100	QPSK	1	271		16.85			
100	QPSK	135	0		16.81		18.2	0.0
100	QPSK	135	69		16.88		18.2	0.0
100	QPSK	135	138		16.80		18.2	0.0
100	QPSK	270	0		16.78			
100	16QAM	1	1		16.73		18.2	0.0
100	64QAM	1	1		16.83		18.2	0.0
100	256QAM	1	1		16.85		18.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.66	16.64	16.66	18.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.75	16.75	16.75	18.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.70	16.70	16.72	18.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.71	16.73	16.75	18.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.69	16.71	16.74	18.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.68	16.67	16.75	18.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.65	16.74	16.76	18.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.70	16.69	16.67	18.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.75	16.76	16.73	18.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.64	16.66	16.65	18.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.74	16.68	16.75	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.83		21.2	0.0
100	π/2 BPSK	1	137		19.75			
100	π/2 BPSK	1	271		19.78			
100	π/2 BPSK	135	0		19.82		21.2	0.0
100	π/2 BPSK	135	69		19.86		21.2	0.0
100	π/2 BPSK	135	138		19.77		21.2	0.0
100	π/2 BPSK	270	0		19.82			
100	QPSK	1	1		19.95		21.2	0.0
100	QPSK	1	137		19.84			
100	QPSK	1	271		19.83			
100	QPSK	135	0		19.76		21.2	0.0
100	QPSK	135	69		19.92		21.2	0.0
100	QPSK	135	138		19.88		21.2	0.0
100	QPSK	270	0		19.66			
100	16QAM	1	1		19.64		21.2	0.0
100	64QAM	1	1		19.76		21.2	0.0
100	256QAM	1	1		19.81		21.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.91	19.82	19.80	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.84	19.87	19.87	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.84	19.85	19.87	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.84	19.81	19.89	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.83	19.89	19.87	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.80	19.88	19.88	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.90	19.82	19.82	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.82	19.80	19.82	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.89	19.88	19.81	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.80	19.88	19.90	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.89	19.89	19.83	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	19.80	19.94	19.81	21.3	0.0
40	π/2 BPSK	1	108	19.77	19.92	19.82		
40	π/2 BPSK	1	214	19.85	19.89	19.83		
40	π/2 BPSK	108	0	19.34	19.50	19.45	20.8	0.5
40	π/2 BPSK	108	54	19.86	19.88	19.89	21.3	0.0
40	π/2 BPSK	108	108	19.41	19.45	19.40	20.8	0.5
40	π/2 BPSK	216	0	19.42	19.47	19.43		
40	QPSK	1	1	19.89	19.97	19.94	21.3	0.0
40	QPSK	1	108	19.76	19.87	19.83		
40	QPSK	1	214	19.82	19.87	19.91		
40	QPSK	108	0	18.95	18.96	18.94	20.3	1.0
40	QPSK	108	54	19.86	19.93	19.86	21.3	0.0
40	QPSK	108	108	18.92	18.95	18.91	20.3	1.0
40	QPSK	216	0	18.89	18.99	18.93		
40	16QAM	1	1	18.95	18.96	18.90	20.3	1.0
40	64QAM	1	1	17.41	17.42	17.44	18.8	2.5
40	256QAM	1	1	15.39	15.52	15.47	16.8	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.82	19.84	19.86	21.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.76	19.89	19.89	21.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.87	19.86	19.80	21.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.75	19.85	19.90	21.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.77	19.91	19.91	21.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.82	19.87	19.87	21.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.87	19.85	19.91	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	18.55	18.61	18.56	20.0	0.0
50	π/2 BPSK	1	135	18.61	18.67	18.55		
50	π/2 BPSK	1	268	18.62	18.68	18.63		
50	π/2 BPSK	135	0	18.65	18.63	18.52	20.0	0.0
50	π/2 BPSK	135	68	18.62	18.61	18.62	20.0	0.0
50	π/2 BPSK	135	135	18.61	18.64	18.52	20.0	0.0
50	π/2 BPSK	270	0	18.57	18.69	18.53		
50	QPSK	1	1	18.62	18.81	18.52	20.0	0.0
50	QPSK	1	135	18.57	18.61	18.62		
50	QPSK	1	268	18.55	18.65	18.60		
50	QPSK	135	0	18.63	18.64	18.57	20.0	0.0
50	QPSK	135	68	18.60	18.75	18.57	20.0	0.0
50	QPSK	135	135	18.59	18.70	18.55	20.0	0.0
50	QPSK	270	0	18.58	18.63	18.62		
50	16QAM	1	1	18.57	18.71	18.59	20.0	0.0
50	64QAM	1	1	18.56	18.63	18.62	20.0	0.0
50	256QAM	1	1	17.16	17.32	16.99	18.5	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.58	18.67	18.36	20.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.58	18.75	18.41	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.54	18.76	18.39	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.52	18.76	18.42	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	18.52	18.67	18.46	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.50	18.73	18.40	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.53	18.66	18.47	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.47	18.66	18.38	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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	19.86	19.91	19.85	21.3	0.0
40	π/2 BPSK	1	108	19.79	19.90	19.78		
40	π/2 BPSK	1	214	19.77	19.89	19.85		
40	π/2 BPSK	108	0	19.33	19.46	19.46	20.8	0.5
40	π/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0
40	π/2 BPSK	108	108	19.44	19.43	19.42	20.8	0.5
40	π/2 BPSK	216	0	19.36	19.46	19.43		
40	QPSK	1	1	19.89	19.94	19.91	21.3	0.0
40	QPSK	1	108	19.81	19.80	19.82		
40	QPSK	1	214	19.82	19.82	19.88		
40	QPSK	108	0	18.90	18.93	18.92	20.3	1.0
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0
40	QPSK	108	108	18.87	18.89	18.88	20.3	1.0
40	QPSK	216	0	18.90	18.99	18.89		
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5
40	256QAM	1	1	15.43	15.39	15.41	16.8	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.78	19.91	19.77	21.3	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.86	19.84	19.80	21.3	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.83	19.82	19.85	21.3	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.86	19.88	19.88	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	18.46	18.56	18.47	19.6	0.0
45	π/2 BPSK	1	120	18.41	18.49	18.52		
45	π/2 BPSK	1	240	18.40	18.53	18.50		
45	π/2 BPSK	120	0	18.42	18.58	18.46	19.6	0.0
45	π/2 BPSK	120	60	18.39	18.51	18.45	19.6	0.0
45	π/2 BPSK	120	120	18.42	18.53	18.54	19.6	0.0
45	π/2 BPSK	240	0	18.35	18.54	18.49		
45	QPSK	1	1	18.45	18.61	18.55	19.6	0.0
45	QPSK	1	120	18.36	18.50	18.53		
45	QPSK	1	240	18.41	18.55	18.47		
45	QPSK	120	0	18.44	18.58	18.46	19.6	0.0
45	QPSK	120	60	18.41	18.59	18.45	19.6	0.0
45	QPSK	120	120	18.40	18.51	18.48	19.6	0.0
45	QPSK	240	0	18.39	18.57	18.54		
45	16QAM	1	1	18.41	18.50	18.46	19.6	0.0
45	64QAM	1	1	18.36	18.58	18.45	19.6	0.0
45	256QAM	1	1	16.44	16.58	16.56	17.6	2.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.37	18.49	18.47	19.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.33	18.56	18.45	19.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.30	18.53	18.40	19.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.39	18.51	18.43	19.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.35	18.50	18.43	19.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.35	18.54	18.47	19.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.40	18.46	18.48	19.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.35	18.56	18.48	19.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	18.80	18.95	19.02	20.2	0.0
40	Pi/2 BPSK	1	53	18.93	19.00	18.92		
40	Pi/2 BPSK	1	104	18.90	19.04	19.02		
40	Pi/2 BPSK	50	0	18.91	19.00	18.98	20.2	0.0
40	Pi/2 BPSK	50	28	18.91	19.01	18.99	20.2	0.0
40	Pi/2 BPSK	50	56	18.83	19.05	19.01	20.2	0.0
40	Pi/2 BPSK	100	0	18.87	19.03	19.02		
40	QPSK	1	1	18.89	19.10	18.92	20.2	0.0
40	QPSK	1	53	18.92	18.97	18.96		
40	QPSK	1	104	18.86	19.00	18.93		
40	QPSK	50	0	18.90	18.95	18.92	20.2	0.0
40	QPSK	50	28	18.86	18.99	18.93	20.2	0.0
40	QPSK	50	56	18.92	18.90	18.92	20.2	0.0
40	QPSK	100	0	18.85	18.97	18.96		
40	16QAM	1	1	18.80	18.89	18.88	20.2	0.0
40	64QAM	1	1	18.90	18.94	18.96	20.2	0.0
40	256QAM	1	1	17.36	17.31	17.39	18.7	1.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.78	19.01	18.82	20.2	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.77	18.97	18.83	20.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.81	18.98	18.79	20.2	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.76	19.01	18.79	20.2	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.77	18.99	18.84	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	18.45	18.51	18.43	20.0	0.0
100	Pi/2 BPSK	1	137	18.51	18.59	18.37		
100	Pi/2 BPSK	1	271	18.49	18.60	18.37		
100	Pi/2 BPSK	135	0	18.49	18.58	18.46	20.0	0.0
100	Pi/2 BPSK	135	69	18.50	18.51	18.46	20.0	0.0
100	Pi/2 BPSK	135	138	18.47	18.58	18.47	20.0	0.0
100	Pi/2 BPSK	270	0	18.52	18.53	18.41		
100	QPSK	1	1	18.53	18.68	18.46	20.0	0.0
100	QPSK	1	137	18.50	18.55	18.36		
100	QPSK	1	271	18.47	18.58	18.46		
100	QPSK	135	0	18.48	18.53	18.41	20.0	0.0
100	QPSK	135	69	18.50	18.65	18.37	20.0	0.0
100	QPSK	135	138	18.50	18.59	18.40	20.0	0.0
100	QPSK	270	0	18.52	18.53	18.42		
100	16QAM	1	1	18.51	18.55	18.38	20.0	0.0
100	64QAM	1	1	18.46	18.56	18.39	20.0	0.0
100	256QAM	1	1	18.51	18.60	18.46	19.0	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.44	18.62	18.41	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.39	18.53	18.36	20.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.42	18.61	18.36	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.46	18.56	18.38	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.45	18.60	18.30	20.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.43	18.59	18.38	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.48	18.59	18.32	20.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.39	18.64	18.39	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.47	18.58	18.39	20.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.44	18.54	18.33	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.48	18.55	18.39	20.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.45	18.59	18.30	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.39	18.63	18.40	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	22.40	22.54	22.51	24.0	0.0
40	π/2 BPSK	1	53	22.37	22.51	22.45		
40	π/2 BPSK	1	104	22.38	22.52	22.45		
40	π/2 BPSK	50	0	22.43	22.49	22.46	24.0	0.0
40	π/2 BPSK	50	28	22.35	22.43	22.46	24.0	0.0
40	π/2 BPSK	50	56	22.35	22.52	22.46	24.0	0.0
40	π/2 BPSK	100	0	22.42	22.50	22.49		
40	QPSK	1	1	22.37	22.55	22.42	24.0	0.0
40	QPSK	1	53	22.36	22.46	22.44		
40	QPSK	1	104	22.39	22.49	22.41		
40	QPSK	50	0	22.38	22.50	22.41	24.0	0.0
40	QPSK	50	28	22.36	22.53	22.42	24.0	0.0
40	QPSK	50	56	22.45	22.42	22.40	24.0	0.0
40	QPSK	100	0	22.39	22.51	22.50		
40	16QAM	1	1	22.37	22.43	22.43	24.0	0.0
40	64QAM	1	1	20.92	20.92	20.88	22.5	1.5
40	256QAM	1	1	18.92	18.91	18.96	20.5	3.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.33	22.39	22.28	24.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.26	22.34	22.35	24.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.29	22.40	22.28	24.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.28	22.34	22.27	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	22.21	22.29	22.23	22.5	0.0
100	π/2 BPSK	1	137	22.12	22.31	22.21		
100	π/2 BPSK	1	271	22.14	22.20	22.24		
100	π/2 BPSK	135	0	22.13	22.29	22.17	22.5	0.0
100	π/2 BPSK	135	69	22.20	22.21	22.17	22.5	0.0
100	π/2 BPSK	135	138	22.18	22.29	22.18	22.5	0.0
100	π/2 BPSK	270	0	22.19	22.22	22.19		
100	QPSK	1	1	22.11	22.33	22.19	22.5	0.0
100	QPSK	1	137	22.19	22.24	22.25		
100	QPSK	1	271	22.12	22.29	22.18		
100	QPSK	135	0	22.13	22.31	22.25	22.5	0.0
100	QPSK	135	69	22.19	22.32	22.24	22.5	0.0
100	QPSK	135	138	22.19	22.24	22.23	22.5	0.0
100	QPSK	270	0	22.18	22.23	22.22		
100	16QAM	1	1	22.11	22.26	22.19	22.5	0.0
100	64QAM	1	1	22.10	22.25	22.26	22.5	0.0
100	256QAM	1	1	22.15	22.32	22.26	22.5	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.07	22.15	22.08	22.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.98	22.18	22.04	22.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.96	22.26	22.14	22.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.95	22.20	22.14	22.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.98	22.18	22.07	22.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.97	22.15	22.14	22.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.02	22.14	22.04	22.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.04	22.21	22.03	22.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.02	22.15	22.05	22.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.00	22.23	22.05	22.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.04	22.18	22.10	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.71	25.85	25.67	26.0	0.0
100	π/2 BPSK	1	137	25.60	25.86	25.70		
100	π/2 BPSK	1	271	25.58	25.65	25.69		
100	π/2 BPSK	135	0	25.59	25.85	25.68	26.0	0.0
100	π/2 BPSK	135	69	25.70	25.69	25.63	26.0	0.0
100	π/2 BPSK	135	138	25.71	25.74	25.74	26.0	0.0
100	π/2 BPSK	270	0	25.69	25.70	25.70		
100	QPSK	1	1	25.57	25.87	25.70	26.0	0.0
100	QPSK	1	137	25.73	25.77	25.80		
100	QPSK	1	271	25.64	25.81	25.66		
100	QPSK	135	0	25.61	25.76	25.77	26.0	0.0
100	QPSK	135	69	25.70	25.81	25.76	26.0	0.0
100	QPSK	135	138	25.72	25.69	25.76	26.0	0.0
100	QPSK	270	0	25.72	25.77	25.76		
100	16QAM	1	1	25.58	25.70	25.66	26.0	0.0
100	64QAM	1	1	25.56	25.80	25.82	26.0	0.0
100	256QAM	1	1	24.20	24.20	24.30	24.5	1.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.41	25.76	25.57	26.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.47	25.77	25.55	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.48	25.78	25.54	26.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.48	25.73	25.57	26.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.52	25.72	25.60	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.43	25.77	25.60	26.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.41	25.81	25.65	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.51	25.71	25.54	26.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.52	25.75	25.57	26.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.51	25.78	25.61	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.51	25.82	25.59	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.24		22.5	0.0
100	π/2 BPSK	1	137		22.17			
100	π/2 BPSK	1	271		22.07			
100	π/2 BPSK	135	0		22.18		22.5	0.0
100	π/2 BPSK	135	69		22.09		22.5	0.0
100	π/2 BPSK	135	138		22.17		22.5	0.0
100	π/2 BPSK	270	0		22.10			
100	QPSK	1	1		22.26		22.5	0.0
100	QPSK	1	137		22.14			
100	QPSK	1	271		22.24			
100	QPSK	135	0		22.15		22.5	0.0
100	QPSK	135	69		22.19		22.5	0.0
100	QPSK	135	138		22.14		22.5	0.0
100	QPSK	270	0		22.11			
100	16QAM	1	1		22.20		22.5	0.0
100	64QAM	1	1		22.19		22.5	0.0
100	256QAM	1	1		22.17		22.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.18	22.17	22.18	22.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.19	22.18	22.17	22.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.14	22.19	22.12	22.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.16	22.17	22.15	22.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.11	22.11	22.21	22.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.22	22.18	22.16	22.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.13	22.15	22.21	22.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.13	22.13	22.17	22.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.21	22.10	22.12	22.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.13	22.17	22.19	22.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.21	22.10	22.14	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.81		26.0	0.0
100	π/2 BPSK	1	137		25.78			
100	π/2 BPSK	1	271		25.60			
100	π/2 BPSK	135	0		25.70		26.0	0.0
100	π/2 BPSK	135	69		25.57		26.0	0.0
100	π/2 BPSK	135	138		25.63		26.0	0.0
100	π/2 BPSK	270	0		25.57			
100	QPSK	1	1		25.83		26.0	0.0
100	QPSK	1	137		25.67			
100	QPSK	1	271		25.76			
100	QPSK	135	0		25.64		26.0	0.0
100	QPSK	135	69		25.76		26.0	0.0
100	QPSK	135	138		25.59		26.0	0.0
100	QPSK	270	0		25.70			
100	16QAM	1	1		25.60		26.0	0.0
100	64QAM	1	1		25.75		26.0	0.0
100	256QAM	1	1		24.20		24.5	1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.74	25.68	25.78	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.71	25.77	25.71	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.74	25.73	25.69	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.73	25.70	25.76	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.76	25.68	25.75	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.78	25.75	25.77	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.75	25.78	25.69	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.73	25.78	25.68	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.70	25.70	25.70	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.71	25.72	25.76	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.74	25.73	25.67	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		23.02		23.5	0.0
100	π/2 BPSK	1	137		23.01			
100	π/2 BPSK	1	271		23.09			
100	π/2 BPSK	135	0		23.03		23.5	0.0
100	π/2 BPSK	135	69		23.03		23.5	0.0
100	π/2 BPSK	135	138		23.05		23.5	0.0
100	π/2 BPSK	270	0		23.08			
100	QPSK	1	1		23.15		23.5	0.0
100	QPSK	1	137		23.02			
100	QPSK	1	271		23.06			
100	QPSK	135	0		23.10		23.5	0.0
100	QPSK	135	69		23.13		23.5	0.0
100	QPSK	135	138		23.08		23.5	0.0
100	QPSK	270	0		23.07			
100	16QAM	1	1		23.04		23.5	0.0
100	64QAM	1	1		23.12		23.5	0.0
100	256QAM	1	1		23.08		23.5	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.94	22.96	22.93	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.86	22.94	22.93	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.92	22.89	22.91	23.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.87	22.91	22.95	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.88	22.90	22.96	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.92	22.91	22.94	23.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.98	22.94	22.89	23.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.96	22.94	22.97	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.89	22.94	22.92	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.97	22.89	22.90	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.87	22.88	22.96	23.5	0.0

Part27O n78 PC2 Ant10 DSI3

BW [MHz]	Modulation	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	π/2 BPSK	1	1		26.54		27.0	0.0
100	π/2 BPSK	1	137		26.56			
100	π/2 BPSK	1	271		26.61			
100	π/2 BPSK	135	0		26.56		27.0	0.0
100	π/2 BPSK	135	69		26.59		27.0	0.0
100	π/2 BPSK	135	138		26.54		27.0	0.0
100	π/2 BPSK	270	0		26.60			
100	QPSK	1	1		26.71		27.0	0.0
100	QPSK	1	137		26.48			
100	QPSK	1	271		26.58			
100	QPSK	135	0		26.56		27.0	0.0
100	QPSK	135	69		26.59		27.0	0.0
100	QPSK	135	138		26.55		27.0	0.0
100	QPSK	270	0		26.54			
100	16QAM	1	1		26.59		27.0	0.0
100	64QAM	1	1		26.10		27.0	0.0
100	256QAM	1	1		24.10		24.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.58	26.60	26.59	27.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.57	26.56	26.57	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.58	26.59	26.67	27.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.66	26.67	26.60	27.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.61	26.64	26.67	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.59	26.62	26.66	27.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.65	26.61	26.60	27.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.64	26.65	26.62	27.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.56	26.64	26.64	27.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.58	26.61	26.62	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.65	26.60	26.64	27.0	0.0

Part27Q n78 Ant10 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.87		23.5	0.0
100	π/2 BPSK	1	137		22.90			
100	π/2 BPSK	1	271		23.00			
100	π/2 BPSK	135	0		22.88		23.5	0.0
100	π/2 BPSK	135	69		22.94		23.5	0.0
100	π/2 BPSK	135	138		22.92		23.5	0.0
100	π/2 BPSK	270	0		22.96			
100	QPSK	1	1		23.10		23.5	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		22.95			
100	QPSK	135	0		23.03		23.5	0.0
100	QPSK	135	69		23.04		23.5	0.0
100	QPSK	135	138		22.98		23.5	0.0
100	QPSK	270	0		22.99			
100	16QAM	1	1		22.88		23.5	0.0
100	64QAM	1	1		23.05		23.5	0.0
100	256QAM	1	1		22.97		23.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.95	22.96	22.92	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.94	22.86	22.96	23.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.93	22.89	22.92	23.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.86	22.96	22.97	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.93	22.94	22.88	23.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.89	22.91	22.92	23.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.93	22.90	22.91	23.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.93	22.89	22.98	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.88	22.89	22.95	23.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.90	22.94	22.88	23.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.89	22.89	22.87	23.5	0.0

Part27Q n78 PC2 Ant10 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		26.39		27.0	0.0
100	π/2 BPSK	1	137		26.40			
100	π/2 BPSK	1	271		26.48			
100	π/2 BPSK	135	0		26.32		27.0	0.0
100	π/2 BPSK	135	69		26.46		27.0	0.0
100	π/2 BPSK	135	138		26.41		27.0	0.0
100	π/2 BPSK	270	0		26.45			
100	QPSK	1	1		26.60		27.0	0.0
100	QPSK	1	137		26.52			
100	QPSK	1	271		26.43			
100	QPSK	135	0		26.48		27.0	0.0
100	QPSK	135	69		26.56		27.0	0.0
100	QPSK	135	138		26.52		27.0	0.0
100	QPSK	270	0		26.51			
100	16QAM	1	1		26.40		27.0	0.0
100	64QAM	1	1		26.10		27.0	0.0
100	256QAM	1	1		24.01		24.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.52	26.50	26.53	27.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.48	26.52	26.54	27.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.49	26.47	26.47	27.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.54	26.53	26.49	27.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.54	26.46	26.52	27.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.54	26.48	26.47	27.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.46	26.52	26.45	27.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.55	26.53	26.48	27.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.45	26.48	26.49	27.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.52	26.48	26.53	27.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.47	26.54	26.46	27.0	0.0

Reduced Power Mode for DSI4_Main PA

n5 Ant0 DSI4

BW [MHz]	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	25.29	25.29	25.29	25.7	0.0
20	PI/2 BPSK	1	53	25.31	25.28	25.24		
20	PI/2 BPSK	1	104	25.11	25.13	25.14		
20	PI/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5
20	PI/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0
20	PI/2 BPSK	50	56	24.62	24.72	24.63	25.2	0.5
20	PI/2 BPSK	100	0	24.82	24.77	24.82		
20	QPSK	1	1	25.29	25.33	25.27	25.7	0.0
20	QPSK	1	53	25.32	25.32	25.24		
20	QPSK	1	104	25.13	25.09	25.09		
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0
20	QPSK	50	56	24.15	24.08	24.08	24.7	1.0
20	QPSK	100	0	24.26	24.29	24.28		
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0

n12 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	25.39	25.39	25.48	25.7	0.0
15	PI/2 BPSK	1	40	25.41	25.43	25.38		
15	PI/2 BPSK	1	77	25.32	25.35	25.29		
15	PI/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5
15	PI/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0
15	PI/2 BPSK	36	43	24.84	24.80	24.79	25.2	0.5
15	PI/2 BPSK	75	0	24.93	24.99	24.90		
15	QPSK	1	1	25.47	25.52	25.48	25.7	0.0
15	QPSK	1	40	25.48	25.43	25.38		
15	QPSK	1	77	25.33	25.24	25.26		
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0
15	QPSK	36	43	24.33	24.27	24.23	24.7	1.0
15	QPSK	75	0	24.48	24.52	24.45		
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5
	256QAM	1	1	20.71	20.73	20.66	21.2	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0

n26 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.34	25.35	25.33	25.7	0.0
20	PI/2 BPSK	1	53	25.25	25.30	25.28		
20	PI/2 BPSK	1	104	25.19	25.11	25.09		
20	PI/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5
20	PI/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0
20	PI/2 BPSK	50	56	24.68	24.74	24.73	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.79	24.79		
20	QPSK	1	1	25.35	25.39	25.37	25.7	0.0
20	QPSK	1	53	25.36	25.33	25.27		
20	QPSK	1	104	25.14	25.14	25.09		
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0
20	QPSK	50	56	24.05	24.09	24.09	24.7	1.0
20	QPSK	100	0	24.35	24.36	24.29		
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.24	25.33	25.33	25.7	0.0

n71 Ant0 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		25.24		25.7	0.0
35	π/2 BPSK	1	90		25.14			
35	π/2 BPSK	1	186		25.10			
35	π/2 BPSK	90	0		24.60		25.2	0.5
35	π/2 BPSK	90	45		25.20		25.7	0.0
35	π/2 BPSK	90	90		24.58		25.2	0.5
35	π/2 BPSK	180	0		24.70			
35	QPSK	1	1		25.25		25.7	0.0
35	QPSK	1	90		25.18			
35	QPSK	1	186		25.00			
35	QPSK	90	0		24.16		24.7	1.0
35	QPSK	90	45		25.21		25.7	0.0
35	QPSK	90	90		24.06		24.7	1.0
35	QPSK	180	0		24.23			
35	16QAM	1	1		24.04		24.7	1.0
35	64QAM	1	1		22.54		23.2	2.5
35	256QAM	1	1		20.48		21.2	4.5
Channel				135600	136100	136600	Tune-up limit	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10	25.7	0.0
Channel				135100	136100	137100	Tune-up limit	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18	25.7	0.0
Channel				134600	136100	137600	Tune-up limit	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15	25.7	0.0
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08	25.7	0.0

n5 Ant1 DSI4

BW [MHz]	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	π/2 BPSK	1	1	21.48	21.52	21.44	21.7	0.0
20	π/2 BPSK	1	53	21.50	21.50	21.43		
20	π/2 BPSK	1	104	21.42	21.55	21.41		
20	π/2 BPSK	50	0	21.51	21.57	21.48	21.7	0.0
20	π/2 BPSK	50	28	21.42	21.51	21.43	21.7	0.0
20	π/2 BPSK	50	56	21.42	21.46	21.39	21.7	0.0
20	π/2 BPSK	100	0	21.51	21.49	21.43		
20	QPSK	1	1	21.41	21.65	21.46	21.7	0.0
20	QPSK	1	53	21.50	21.55	21.48		
20	QPSK	1	104	21.45	21.52	21.43		
20	QPSK	50	0	21.51	21.48	21.45	21.7	0.0
20	QPSK	50	28	21.50	21.55	21.42	21.7	0.0
20	QPSK	50	56	21.52	21.54	21.46	21.7	0.0
20	QPSK	100	0	21.43	21.50	21.39		
20	16QAM	1	1	21.51	21.54	21.48	21.7	0.0
20	64QAM	1	1	21.45	21.48	21.46	21.7	0.0
20	256QAM	1	1	21.06	21.10	21.00	21.2	0.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	21.44	21.51	21.45	21.7	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	21.48	21.53	21.39	21.7	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	21.39	21.46	21.45	21.7	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				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	π/2 BPSK	1	1	25.39	25.38	25.49	25.7	0.0
15	π/2 BPSK	1	40	25.47	25.40	25.39		
15	π/2 BPSK	1	77	25.27	25.39	25.30		
15	π/2 BPSK	36	0	24.89	24.82	24.86	25.2	0.5
15	π/2 BPSK	36	22	25.38	25.43	25.41	25.7	0.0
15	π/2 BPSK	36	43	24.89	24.85	24.80	25.2	0.5
15	π/2 BPSK	75	0	24.89	24.94	24.93		
15	QPSK	1	1	25.54	25.63	25.57	25.7	0.0
15	QPSK	1	40	25.53	25.41	25.40		
15	QPSK	1	77	25.35	25.30	25.32		
15	QPSK	36	0	24.36	24.41	24.37	24.7	1.0
15	QPSK	36	22	25.51	25.58	25.49	25.7	0.0
15	QPSK	36	43	24.33	24.31	24.28	24.7	1.0
15	QPSK	75	0	24.53	24.55	24.49		
15	16QAM	1	1	24.23	24.40	24.28	24.7	1.0
15	64QAM	1	1	22.81	22.69	22.80	23.2	2.5
	256QAM	1	1	20.72	20.70	20.70	21.2	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	25.53	25.51	25.49	25.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	25.48	25.53	25.52	25.7	0.0

n26 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	π/2 BPSK	1	1	22.52	22.59	22.59	22.7	0.0
20	π/2 BPSK	1	53	22.52	22.56	22.50		
20	π/2 BPSK	1	104	22.51	22.56	22.56		
20	π/2 BPSK	50	0	22.58	22.52	22.53	22.7	0.0
20	π/2 BPSK	50	28	22.54	22.63	22.51	22.7	0.0
20	π/2 BPSK	50	56	22.53	22.55	22.56	22.7	0.0
20	π/2 BPSK	100	0	22.50	22.57	22.51		
20	QPSK	1	1	22.58	22.65	22.56	22.7	0.0
20	QPSK	1	53	22.49	22.54	22.52		
20	QPSK	1	104	22.55	22.60	22.60		
20	QPSK	50	0	22.52	22.63	22.58	22.7	0.0
20	QPSK	50	28	22.53	22.64	22.58	22.7	0.0
20	QPSK	50	56	22.52	22.55	22.51	22.7	0.0
20	QPSK	100	0	22.49	22.60	22.56		
20	16QAM	1	1	22.55	22.52	22.53	22.7	0.0
20	64QAM	1	1	22.54	22.60	22.57	22.7	0.0
20	256QAM	1	1	21.06	21.08	21.09	21.2	1.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	22.48	22.52	22.47	22.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	22.50	22.43	22.51	22.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	22.44	22.41	22.52	22.7	0.0

n71 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		25.24		25.7	0.0
35	π/2 BPSK	1	90		25.18			
35	π/2 BPSK	1	186		25.18			
35	π/2 BPSK	90	0		24.69		25.2	0.5
35	π/2 BPSK	90	45		25.19		25.7	0.0
35	π/2 BPSK	90	90		24.55		25.2	0.5
35	π/2 BPSK	180	0		24.82			
35	QPSK	1	1		25.32		25.7	0.0
35	QPSK	1	90		25.24			
35	QPSK	1	186		25.10			
35	QPSK	90	0		24.25		24.7	1.0
35	QPSK	90	45		25.28		25.7	0.0
35	QPSK	90	90		24.10		24.7	1.0
35	QPSK	180	0		24.24			
35	16QAM	1	1		24.18		24.7	1.0
35	64QAM	1	1		22.47		23.2	2.5
35	256QAM	1	1		20.55		21.2	4.5
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.21	25.16	25.23	25.7	0.0
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.17	25.19	25.22	25.7	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.21	25.19	25.19	25.7	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.19	25.25	25.19	25.7	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.22	25.26	25.25	25.7	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.18	25.17	25.26	25.7	0.0

n2 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	24.14	24.27	24.14	25.0	0.0
40	π/2 BPSK	1	108	24.21	24.33	24.21		
40	π/2 BPSK	1	214	24.29	24.42	24.38		
40	π/2 BPSK	108	0	23.83	23.87	23.74	24.5	0.5
40	π/2 BPSK	108	54	24.31	24.36	24.27	25.0	0.0
40	π/2 BPSK	108	108	24.03	24.05	23.93	24.5	0.5
40	π/2 BPSK	216	0	23.91	24.03	23.91		
40	QPSK	1	1	24.57	24.62	24.54	25.0	0.0
40	QPSK	1	108	24.36	24.45	24.33		
40	QPSK	1	214	24.44	24.52	24.41		
40	QPSK	108	0	23.32	23.43	23.32	24.0	1.0
40	QPSK	108	54	24.43	24.54	24.45	25.0	0.0
40	QPSK	108	108	23.52	23.57	23.49	24.0	1.0
40	QPSK	216	0	23.54	23.64	23.58		
40	16QAM	1	1	23.20	23.29	23.17	24.0	1.0
40	64QAM	1	1	21.62	21.72	21.67	22.5	2.5
40	256QAM	1	1	19.56	19.67	19.61	20.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	24.48	24.56	24.44	25.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	24.50	24.55	24.49	25.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	24.52	24.50	24.48	25.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	24.44	24.58	24.41	25.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	24.51	24.58	24.47	25.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	24.55	24.59	24.42	25.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	24.43	24.59	24.49	25.0	0.0

n7 Ant5 DSI4

BW [MHz]	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	π/2 BPSK	1	1	25.32	25.35	25.23	25.5	0.0
50	π/2 BPSK	1	135	25.22	25.24	25.16		
50	π/2 BPSK	1	268	25.24	25.30	25.22		
50	π/2 BPSK	135	0	24.77	24.86	24.76	25.0	0.5
50	π/2 BPSK	135	68	25.20	25.33	25.29	25.5	0.0
50	π/2 BPSK	135	135	24.83	24.88	24.86	25.0	0.5
50	π/2 BPSK	270	0	24.71	24.79	24.70		
50	QPSK	1	1	25.33	25.36	25.31	25.5	0.0
50	QPSK	1	135	24.85	24.99	24.91		
50	QPSK	1	268	24.91	25.01	24.99		
50	QPSK	135	0	24.31	24.44	24.42	24.5	1.0
50	QPSK	135	68	25.28	25.31	25.27	25.5	0.0
50	QPSK	135	135	24.35	24.43	24.38	24.5	1.0
50	QPSK	270	0	24.34	24.42	24.30		
50	16QAM	1	1	24.24	24.36	24.29	24.5	1.0
50	64QAM	1	1	22.75	22.81	22.67	23.0	2.5
50	256QAM	1	1	20.83	20.88	20.81	21.0	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.27	25.29	25.21	25.5	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	25.19	25.31	25.21	25.5	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.19	25.34	25.24	25.5	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.27	25.33	25.20	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	25.29	25.26	25.20	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.20	25.24	25.26	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.26	25.28	25.20	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.29	25.33	25.22	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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	24.24	24.31	24.22	25.0	0.0
40	π/2 BPSK	1	108	24.21	24.28	24.25		
40	π/2 BPSK	1	214	24.19	24.23	24.13		
40	π/2 BPSK	108	0	23.72	23.84	23.72	24.5	0.5
40	π/2 BPSK	108	54	24.37	24.39	24.34	25.0	0.0
40	π/2 BPSK	108	108	24.01	24.06	23.97	24.5	0.5
40	π/2 BPSK	216	0	24.03	24.12	24.06		
40	QPSK	1	1	24.40	24.44	24.42	25.0	0.0
40	QPSK	1	108	24.14	24.27	24.23		
40	QPSK	1	214	24.23	24.31	24.27		
40	QPSK	108	0	23.34	23.39	23.36	24.0	1.0
40	QPSK	108	54	24.30	24.42	24.35	25.0	0.0
40	QPSK	108	108	23.48	23.54	23.48	24.0	1.0
40	QPSK	216	0	23.55	23.63	23.61		
40	16QAM	1	1	23.13	23.24	23.16	24.0	1.0
40	64QAM	1	1	21.55	21.65	21.51	22.5	2.5
40	256QAM	1	1	19.58	19.63	19.58	20.5	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	24.35	24.30	24.38	25.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	24.38	24.30	24.32	25.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	24.36	24.31	24.32	25.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	24.34	24.31	24.36	25.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	24.29	24.34	24.30	25.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	24.30	24.39	24.36	25.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	24.35	24.38	24.31	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	25.39	25.43	25.36	25.7	0.0
45	π/2 BPSK	1	120	25.22	25.24	25.22		
45	π/2 BPSK	1	240	25.12	25.23	25.15		
45	π/2 BPSK	120	0	24.82	24.92	24.86	25.2	0.5
45	π/2 BPSK	120	60	25.14	25.26	25.22	25.7	0.0
45	π/2 BPSK	120	120	24.69	24.79	24.75	25.2	0.5
45	π/2 BPSK	240	0	24.85	24.92	24.86		
45	QPSK	1	1	25.41	25.44	25.39	25.7	0.0
45	QPSK	1	120	25.19	25.26	25.24		
45	QPSK	1	240	25.36	25.38	25.30		
45	QPSK	120	0	24.30	24.42	24.28	24.7	1.0
45	QPSK	120	60	25.33	25.38	25.33	25.7	0.0
45	QPSK	120	120	24.28	24.36	24.28	24.7	1.0
45	QPSK	240	0	24.38	24.41	24.31		
45	16QAM	1	1	24.26	24.33	24.29	24.7	1.0
45	64QAM	1	1	22.83	22.86	22.72	23.2	2.5
45	256QAM	1	1	20.78	20.83	20.80	21.2	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	25.35	25.28	25.34	25.7	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	25.30	25.36	25.35	25.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	25.29	25.37	25.32	25.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	25.36	25.39	25.28	25.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	25.33	25.37	25.35	25.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	25.29	25.30	25.36	25.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	25.30	25.40	25.30	25.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	25.31	25.40	25.26	25.7	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	π/2 BPSK	1	1	25.27	25.34	25.31	25.7	0.0
40	π/2 BPSK	1	53	25.07	25.18	25.12		
40	π/2 BPSK	1	104	25.09	25.21	25.17		
40	π/2 BPSK	50	0	24.69	24.79	24.77	25.2	0.5
40	π/2 BPSK	50	28	25.21	25.30	25.18	25.7	0.0
40	π/2 BPSK	50	56	24.57	24.71	24.66	25.2	0.5
40	π/2 BPSK	100	0	24.69	24.81	24.75		
40	QPSK	1	1	25.35	25.38	25.34	25.7	0.0
40	QPSK	1	53	25.13	25.21	25.10		
40	QPSK	1	104	25.24	25.28	25.16		
40	QPSK	50	0	24.24	24.29	24.26	24.7	1.0
40	QPSK	50	28	25.21	25.33	25.24	25.7	0.0
40	QPSK	50	56	24.19	24.24	24.19	24.7	1.0
40	QPSK	100	0	24.17	24.29	24.23		
40	16QAM	1	1	24.20	24.28	24.18	24.7	1.0
40	64QAM	1	1	22.75	22.78	22.70	23.2	2.5
40	256QAM	1	1	20.55	20.68	20.62	21.2	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	25.19	25.22	25.27	25.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	25.26	25.30	25.19	25.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	25.27	25.29	25.21	25.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	25.20	25.24	25.30	25.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	25.22	25.31	25.30	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	24.91	24.98	24.93	25.5	0.0
100	π/2 BPSK	1	137	24.97	25.02	24.98		
100	π/2 BPSK	1	271	24.94	25.02	24.88		
100	π/2 BPSK	135	0	24.93	25.02	24.91	25.5	0.0
100	π/2 BPSK	135	69	24.99	25.00	24.90	25.5	0.0
100	π/2 BPSK	135	138	24.98	25.03	24.89	25.5	0.0
100	π/2 BPSK	270	0	24.91	25.02	24.89		
100	QPSK	1	1	24.99	25.05	24.90	25.5	0.0
100	QPSK	1	137	24.92	24.95	24.95		
100	QPSK	1	271	24.92	24.99	24.98		
100	QPSK	135	0	24.49	24.56	24.41	25.0	0.5
100	QPSK	135	69	24.95	24.96	24.93	25.5	0.0
100	QPSK	135	138	24.54	24.55	24.34	25.0	0.5
100	QPSK	270	0	24.54	24.58	24.39		
100	16QAM	1	1	24.49	24.57	24.43	25.0	0.5
100	64QAM	1	1	22.94	23.02	22.92	23.5	2.0
100	256QAM	1	1	21.01	21.00	20.90	21.5	4.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.87	25.00	24.81	25.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.91	24.93	24.77	25.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.85	24.96	24.85	25.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.87	24.99	24.80	25.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.85	24.92	24.81	25.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	24.95	24.91	24.78	25.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.89	24.94	24.80	25.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.94	24.96	24.76	25.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.92	24.95	24.86	25.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.85	24.93	24.84	25.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.88	24.96	24.78	25.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.90	24.93	24.81	25.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.86	24.90	24.79	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	23.19	23.31	23.18	24.5	0.0
40	π/2 BPSK	1	53	23.28	23.33	23.23		
40	π/2 BPSK	1	104	23.27	23.34	23.24		
40	π/2 BPSK	50	0	22.89	22.91	22.85	24.0	0.5
40	π/2 BPSK	50	28	23.32	23.36	23.29	24.5	0.0
40	π/2 BPSK	50	56	22.95	22.98	22.90	24.0	0.5
40	π/2 BPSK	100	0	22.83	22.92	22.79		
40	QPSK	1	1	23.42	23.46	23.39	24.5	0.0
40	QPSK	1	53	23.24	23.29	23.17		
40	QPSK	1	104	23.25	23.34	23.31		
40	QPSK	50	0	22.33	22.42	22.32	23.5	1.0
40	QPSK	50	28	23.27	23.31	23.21	24.5	0.0
40	QPSK	50	56	22.32	22.36	22.29	23.5	1.0
40	QPSK	100	0	22.33	22.37	22.30		
40	16QAM	1	1	22.18	22.31	22.20	23.5	1.0
40	64QAM	1	1	20.76	20.79	20.71	22.0	2.5
40	256QAM	1	1	18.72	18.85	18.80	20.0	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.37	23.35	23.37	24.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.38	23.43	23.29	24.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.33	23.32	23.32	24.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.36	23.38	23.37	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	π/2 BPSK	1	1	24.67	24.61	24.58	25.0	0.0
100	π/2 BPSK	1	137	24.55	24.60	24.54		
100	π/2 BPSK	1	271	24.62	24.66	24.62		
100	π/2 BPSK	135	0	24.66	24.60	24.54	25.0	0.0
100	π/2 BPSK	135	69	24.56	24.66	24.58	25.0	0.0
100	π/2 BPSK	135	138	24.63	24.70	24.52	25.0	0.0
100	π/2 BPSK	270	0	24.56	24.69	24.53		
100	QPSK	1	1	24.55	24.75	24.60	25.0	0.0
100	QPSK	1	137	24.58	24.72	24.53		
100	QPSK	1	271	24.61	24.69	24.55		
100	QPSK	135	0	24.63	24.70	24.54	25.0	0.0
100	QPSK	135	69	24.63	24.71	24.60	25.0	0.0
100	QPSK	135	138	24.56	24.66	24.61	25.0	0.0
100	QPSK	270	0	24.65	24.66	24.58		
100	16QAM	1	1	24.61	24.71	24.61	25.0	0.0
100	64QAM	1	1	24.06	24.19	24.12	24.5	0.5
100	256QAM	1	1	21.64	21.70	21.54	22.5	2.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.41	24.63	24.56	25.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.42	24.64	24.47	25.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.48	24.56	24.52	25.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.39	24.63	24.45	25.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.40	24.60	24.48	25.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.42	24.58	24.52	25.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.44	24.62	24.50	25.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.40	24.59	24.49	25.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.42	24.59	24.45	25.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.42	24.59	24.50	25.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.44	24.63	24.48	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	27.69	27.74	27.59	28.5	0.0
100	π/2 BPSK	1	137	27.57	27.64	27.50		
100	π/2 BPSK	1	271	27.54	27.64	27.53		
100	π/2 BPSK	135	0	27.12	27.21	27.10	28.0	0.5
100	π/2 BPSK	135	69	27.55	27.72	27.65	28.5	0.0
100	π/2 BPSK	135	138	27.06	27.13	27.02	28.0	0.5
100	π/2 BPSK	270	0	27.06	27.10	27.08		
100	QPSK	1	1	27.67	27.80	27.74	28.5	0.0
100	QPSK	1	137	27.52	27.67	27.48		
100	QPSK	1	271	27.65	27.70	27.68		
100	QPSK	135	0	26.45	26.61	26.51	27.5	1.0
100	QPSK	135	69	27.58	27.61	27.59	28.5	0.0
100	QPSK	135	138	26.62	26.64	26.51	27.5	1.0
100	QPSK	270	0	26.69	26.71	26.67		
100	16QAM	1	1	26.65	26.63	26.57	27.5	1.0
100	64QAM	1	1	25.16	25.33	25.17	26.0	2.5
100	256QAM	1	1	23.31	23.35	23.25	24.0	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	27.63	27.72	27.62	28.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	27.57	27.74	27.65	28.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.54	27.67	27.59	28.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.56	27.75	27.67	28.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	27.62	27.74	27.60	28.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.54	27.75	27.67	28.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.55	27.73	27.69	28.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.60	27.68	27.58	28.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.55	27.73	27.64	28.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	27.60	27.69	27.68	28.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.59	27.69	27.66	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.89		25.0	0.0
100	π/2 BPSK	1	137		23.90			
100	π/2 BPSK	1	271		24.01			
100	π/2 BPSK	135	0		23.96		25.0	0.0
100	π/2 BPSK	135	69		23.99		25.0	0.0
100	π/2 BPSK	135	138		24.03		25.0	0.0
100	π/2 BPSK	270	0		23.95			
100	QPSK	1	1		24.08		25.0	0.0
100	QPSK	1	137		23.96			
100	QPSK	1	271		23.95			
100	QPSK	135	0		23.97		25.0	0.0
100	QPSK	135	69		24.06		25.0	0.0
100	QPSK	135	138		23.94		25.0	0.0
100	QPSK	270	0		24.01			
100	16QAM	1	1		23.99		25.0	0.0
100	64QAM	1	1		23.48		24.5	0.5
100	256QAM	1	1		20.94		22.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.87	23.91	23.94	25.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.91	23.89	23.91	25.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.88	23.87	23.98	25.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.96	23.98	23.87	25.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.98	23.95	23.89	25.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.90	23.90	23.95	25.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.97	23.89	23.88	25.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.89	23.87	23.91	25.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.97	23.95	23.90	25.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.89	23.87	23.92	25.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.96	23.90	23.94	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		26.97		28.5	0.0
100	π/2 BPSK	1	137		26.74			
100	π/2 BPSK	1	271		26.93			
100	π/2 BPSK	135	0		26.35		28.0	0.5
100	π/2 BPSK	135	69		26.84		28.5	0.0
100	π/2 BPSK	135	138		26.28		28.0	0.5
100	π/2 BPSK	270	0		26.20			
100	QPSK	1	1		27.06		28.5	0.0
100	QPSK	1	137		26.79			
100	QPSK	1	271		26.82			
100	QPSK	135	0		25.85		27.5	1.0
100	QPSK	135	69		26.75		28.5	0.0
100	QPSK	135	138		25.78		27.5	1.0
100	QPSK	270	0		25.81			
100	16QAM	1	1		25.89		27.5	1.0
100	64QAM	1	1		25.42		26.0	2.5
100	256QAM	1	1		22.48		24.0	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.01	26.96	27.02	28.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.01	26.94	26.96	28.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.97	27.00	26.91	28.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.92	26.95	26.91	28.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.99	26.98	26.96	28.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.96	26.98	26.96	28.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.90	26.95	27.00	28.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.97	26.99	26.90	28.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.00	26.96	26.97	28.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.99	26.94	26.95	28.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.97	26.96	26.95	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	π/2 BPSK	1	1		23.75		24.0	0.0
100	π/2 BPSK	1	137		23.74			
100	π/2 BPSK	1	271		23.72			
100	π/2 BPSK	135	0		23.72		24.0	0.0
100	π/2 BPSK	135	69		23.75		24.0	0.0
100	π/2 BPSK	135	138		23.65		24.0	0.0
100	π/2 BPSK	270	0		23.74			
100	QPSK	1	1		23.77		24.0	0.0
100	QPSK	1	137		23.73			
100	QPSK	1	271		23.73			
100	QPSK	135	0		23.65		24.0	0.0
100	QPSK	135	69		23.75		24.0	0.0
100	QPSK	135	138		23.60		24.0	0.0
100	QPSK	270	0		23.73			
100	16QAM	1	1		23.73		24.0	0.0
100	64QAM	1	1		23.63		24.0	0.0
100	256QAM	1	1		23.05		23.5	0.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.54	23.54	23.57	24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.53	23.55	23.62	24.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.60	23.61	23.62	24.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.54	23.55	23.64	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.59	23.63	23.59	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.53	23.64	23.64	24.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.58	23.54	23.63	24.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.56	23.63	23.53	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.52	23.54	23.58	24.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.54	23.61	23.59	24.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.62	23.61	23.53	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	π/2 BPSK	1	1		27.25		27.5	0.0
100	π/2 BPSK	1	137		27.25			
100	π/2 BPSK	1	271		27.18			
100	π/2 BPSK	135	0		27.26		27.5	0.0
100	π/2 BPSK	135	69		27.26		27.5	0.0
100	π/2 BPSK	135	138		27.14		27.5	0.0
100	π/2 BPSK	270	0		27.21			
100	QPSK	1	1		27.29		27.5	0.0
100	QPSK	1	137		27.20			
100	QPSK	1	271		27.23			
100	QPSK	135	0		27.16		27.5	0.0
100	QPSK	135	69		27.23		27.5	0.0
100	QPSK	135	138		27.08		27.5	0.0
100	QPSK	270	0		27.22			
100	16QAM	1	1		27.28		27.5	0.0
100	64QAM	1	1		25.68		26.0	1.5
100	256QAM	1	1		23.58		24.0	3.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.15	27.24	27.18	27.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.21	27.19	27.14	27.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.19	27.21	27.21	27.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.19	27.19	27.15	27.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.19	27.21	27.23	27.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.17	27.24	27.22	27.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.14	27.24	27.15	27.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.17	27.21	27.17	27.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.23	27.22	27.18	27.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.25	27.14	27.20	27.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.16	27.16	27.25	27.5	0.0

Part27Q n78 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.54		24.0	0.0
100	π/2 BPSK	1	137		23.52			
100	π/2 BPSK	1	271		23.52			
100	π/2 BPSK	135	0		23.53		24.0	0.0
100	π/2 BPSK	135	69		23.51		24.0	0.0
100	π/2 BPSK	135	138		23.48		24.0	0.0
100	π/2 BPSK	270	0		23.58			
100	QPSK	1	1		23.61		24.0	0.0
100	QPSK	1	137		23.48			
100	QPSK	1	271		23.52			
100	QPSK	135	0		23.46		24.0	0.0
100	QPSK	135	69		23.59		24.0	0.0
100	QPSK	135	138		23.44		24.0	0.0
100	QPSK	270	0		23.49			
100	16QAM	1	1		23.48		24.0	0.0
100	64QAM	1	1		23.48		24.0	0.0
100	256QAM	1	1		22.80		23.5	0.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.44	23.38	23.39	24.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.41	23.40	23.47	24.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.42	23.41	23.38	24.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.45	23.43	23.47	24.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.40	23.42	23.41	24.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.45	23.46	23.49	24.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.50	23.48	23.46	24.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.47	23.46	23.40	24.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.50	23.40	23.45	24.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.42	23.47	23.45	24.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.42	23.44	23.43	24.0	0.0

Part27Q n78 PC2 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.10		27.5	0.0
100	π/2 BPSK	1	137		27.19			
100	π/2 BPSK	1	271		27.12			
100	π/2 BPSK	135	0		27.11		27.5	0.0
100	π/2 BPSK	135	69		27.16		27.5	0.0
100	π/2 BPSK	135	138		27.06		27.5	0.0
100	π/2 BPSK	270	0		27.07			
100	QPSK	1	1		27.25		27.5	0.0
100	QPSK	1	137		27.07			
100	QPSK	1	271		27.09			
100	QPSK	135	0		27.03		27.5	0.0
100	QPSK	135	69		27.13		27.5	0.0
100	QPSK	135	138		27.02		27.5	0.0
100	QPSK	270	0		27.10			
100	16QAM	1	1		27.16		27.5	0.0
100	64QAM	1	1		25.61		26.0	1.5
100	256QAM	1	1		23.51		24.0	3.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.14	27.19	27.15	27.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.12	27.14	27.09	27.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.15	27.12	27.14	27.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.11	27.12	27.12	27.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.20	27.16	27.18	27.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.12	27.13	27.20	27.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.12	27.18	27.20	27.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.20	27.15	27.20	27.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.19	27.15	27.10	27.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.20	27.20	27.18	27.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.14	27.17	27.19	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	19.60	19.68	19.61	20.9	0.0
40	π/2 BPSK	1	108	19.66	19.66	19.57		
40	π/2 BPSK	1	214	19.65	19.62	19.64		
40	π/2 BPSK	108	0	19.67	19.62	19.57	20.9	0.0
40	π/2 BPSK	108	54	19.67	19.70	19.60	20.9	0.0
40	π/2 BPSK	108	108	19.68	19.69	19.58	20.9	0.0
40	π/2 BPSK	216	0	19.59	19.62	19.63		
40	QPSK	1	1	19.61	19.75	19.60	20.9	0.0
40	QPSK	1	108	19.61	19.66	19.66		
40	QPSK	1	214	19.59	19.60	19.66		
40	QPSK	108	0	19.68	19.61	19.59	20.9	0.0
40	QPSK	108	54	19.63	19.69	19.56	20.9	0.0
40	QPSK	108	108	19.63	19.67	19.59	20.9	0.0
40	QPSK	216	0	19.65	19.68	19.58		
40	16QAM	1	1	19.59	19.67	19.61	20.9	0.0
40	64QAM	1	1	18.61	18.78	18.58	19.9	1.0
40	256QAM	1	1	16.67	16.70	16.55	17.9	3.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.52	19.62	19.52	20.9	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.49	19.67	19.48	20.9	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.49	19.59	19.47	20.9	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.48	19.63	19.53	20.9	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.45	19.65	19.52	20.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.50	19.67	19.45	20.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.54	19.59	19.46	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	18.71	18.83	18.71	19.8	0.0
50	π/2 BPSK	1	135	18.75	18.85	18.65		
50	π/2 BPSK	1	268	18.77	18.76	18.69		
50	π/2 BPSK	135	0	18.78	18.75	18.64	19.8	0.0
50	π/2 BPSK	135	68	18.80	18.79	18.68	19.8	0.0
50	π/2 BPSK	135	135	18.72	18.78	18.65	19.8	0.0
50	π/2 BPSK	270	0	18.75	18.80	18.73		
50	QPSK	1	1	18.78	18.99	18.65	19.8	0.0
50	QPSK	1	135	18.73	18.82	18.67		
50	QPSK	1	268	18.78	18.85	18.67		
50	QPSK	135	0	18.71	18.79	18.70	19.8	0.0
50	QPSK	135	68	18.71	18.85	18.69	19.8	0.0
50	QPSK	135	135	18.70	18.84	18.66	19.8	0.0
50	QPSK	270	0	18.75	18.79	18.66		
50	16QAM	1	1	18.79	18.81	18.71	19.8	0.0
50	64QAM	1	1	18.74	18.81	18.71	19.8	0.0
50	256QAM	1	1	18.72	18.81	18.69	19.8	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.72	18.84	18.55	19.8	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.71	18.89	18.50	19.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.65	18.89	18.51	19.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.67	18.88	18.50	19.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	18.65	18.91	18.52	19.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.64	18.94	18.58	19.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.63	18.94	18.56	19.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.63	18.84	18.59	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	19.76	19.78	19.82	20.9	0.0
40	π/2 BPSK	1	108	19.76	19.81	19.74		
40	π/2 BPSK	1	214	19.73	19.82	19.78		
40	π/2 BPSK	108	0	19.71	19.76	19.72	20.9	0.0
40	π/2 BPSK	108	54	19.79	19.77	19.80	20.9	0.0
40	π/2 BPSK	108	108	19.70	19.81	19.75	20.9	0.0
40	π/2 BPSK	216	0	19.73	19.75	19.78		
40	QPSK	1	1	19.68	19.83	19.80	20.9	0.0
40	QPSK	1	108	19.70	19.75	19.78		
40	QPSK	1	214	19.77	19.78	19.72		
40	QPSK	108	0	19.70	19.75	19.78	20.9	0.0
40	QPSK	108	54	19.70	19.81	19.80	20.9	0.0
40	QPSK	108	108	19.69	19.80	19.72	20.9	0.0
40	QPSK	216	0	19.70	19.79	19.74		
40	16QAM	1	1	19.69	19.76	19.73	20.9	0.0
40	64QAM	1	1	18.66	18.89	18.77	19.9	1.0
40	256QAM	1	1	16.64	16.85	16.84	17.9	3.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.63	19.68	19.66	20.9	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.55	19.76	19.66	20.9	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.60	19.68	19.71	20.9	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.58	19.74	19.65	20.9	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.56	19.68	19.70	20.9	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.57	19.74	19.65	20.9	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.53	19.78	19.70	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	19.06	19.18	19.09	19.9	0.0
45	π/2 BPSK	1	120	19.11	19.19	19.07		
45	π/2 BPSK	1	240	19.06	19.23	19.09		
45	π/2 BPSK	120	0	19.08	19.15	19.01	19.9	0.0
45	π/2 BPSK	120	60	19.05	19.16	19.04	19.9	0.0
45	π/2 BPSK	120	120	19.06	19.13	19.09	19.9	0.0
45	π/2 BPSK	240	0	19.06	19.24	19.02		
45	QPSK	1	1	19.08	19.26	19.08	19.9	0.0
45	QPSK	1	120	19.15	19.25	19.03		
45	QPSK	1	240	19.12	19.13	19.02		
45	QPSK	120	0	19.11	19.23	19.02	19.9	0.0
45	QPSK	120	60	19.14	19.25	19.02	19.9	0.0
45	QPSK	120	120	19.04	19.22	19.05	19.9	0.0
45	QPSK	240	0	19.11	19.16	19.09		
45	16QAM	1	1	19.15	19.19	19.01	19.9	0.0
45	64QAM	1	1	19.04	19.20	19.08	19.9	0.0
45	256QAM	1	1	17.60	17.73	17.58	19.4	0.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.01	19.10	19.00	19.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.97	19.05	18.97	19.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.94	19.04	19.02	19.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.93	19.04	18.92	19.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.02	19.06	18.92	19.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.00	19.13	18.93	19.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.98	19.14	18.98	19.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.03	19.13	19.03	19.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	19.52	19.60	19.46	20.6	0.0
40	π/2 BPSK	1	53	19.59	19.64	19.55		
40	π/2 BPSK	1	104	19.59	19.61	19.45		
40	π/2 BPSK	50	0	19.60	19.58	19.57	20.6	0.0
40	π/2 BPSK	50	28	19.52	19.55	19.54	20.6	0.0
40	π/2 BPSK	50	56	19.57	19.59	19.54	20.6	0.0
40	π/2 BPSK	100	0	19.52	19.60	19.47		
40	QPSK	1	1	19.52	19.65	19.47	20.6	0.0
40	QPSK	1	53	19.59	19.61	19.57		
40	QPSK	1	104	19.57	19.62	19.45		
40	QPSK	50	0	19.59	19.58	19.49	20.6	0.0
40	QPSK	50	28	19.54	19.64	19.47	20.6	0.0
40	QPSK	50	56	19.58	19.63	19.54	20.6	0.0
40	QPSK	100	0	19.56	19.57	19.52		
40	16QAM	1	1	19.60	19.58	19.47	20.6	0.0
40	64QAM	1	1	19.54	19.63	19.47	20.6	0.0
40	256QAM	1	1	19.50	19.59	19.53	20.1	0.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.41	19.51	19.33	20.6	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.44	19.51	19.39	20.6	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.48	19.52	19.38	20.6	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.47	19.50	19.36	20.6	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.47	19.41	19.40	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	19.05	19.10	18.95	20.3	0.0
100	π/2 BPSK	1	137	18.95	19.08	19.00		
100	π/2 BPSK	1	271	18.95	19.06	18.97		
100	π/2 BPSK	135	0	19.02	19.09	19.03	20.3	0.0
100	π/2 BPSK	135	69	18.99	19.11	19.02	20.3	0.0
100	π/2 BPSK	135	138	19.01	19.07	19.04	20.3	0.0
100	π/2 BPSK	270	0	19.03	19.11	18.97		
100	QPSK	1	1	19.05	19.14	18.96	20.3	0.0
100	QPSK	1	137	18.98	19.09	19.02		
100	QPSK	1	271	18.96	19.03	18.94		
100	QPSK	135	0	19.04	19.01	18.95	20.3	0.0
100	QPSK	135	69	18.95	19.09	18.96	20.3	0.0
100	QPSK	135	138	19.01	19.08	19.05	20.3	0.0
100	QPSK	270	0	19.05	19.12	18.97		
100	16QAM	1	1	19.01	19.09	19.00	20.3	0.0
100	64QAM	1	1	18.98	19.07	18.94	20.3	0.0
100	256QAM	1	1	18.94	19.07	18.99	20.3	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.95	19.03	18.85	20.3	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.92	19.08	18.90	20.3	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.94	19.07	18.89	20.3	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.91	18.99	18.85	20.3	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.90	18.99	18.84	20.3	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.99	19.02	18.83	20.3	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.97	19.05	18.87	20.3	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.92	19.09	18.83	20.3	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.95	19.04	18.83	20.3	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.00	19.06	18.91	20.3	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.96	19.01	18.92	20.3	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.97	18.99	18.90	20.3	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.93	19.01	18.91	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	π/2 BPSK	1	1	18.57	18.59	18.52	19.2	0.0
100	π/2 BPSK	1	137	18.54	18.60	18.50		
100	π/2 BPSK	1	271	18.63	18.58	18.55		
100	π/2 BPSK	135	0	18.63	18.56	18.53	19.2	0.0
100	π/2 BPSK	135	69	18.57	18.54	18.56	19.2	0.0
100	π/2 BPSK	135	138	18.59	18.59	18.57	19.2	0.0
100	π/2 BPSK	270	0	18.53	18.58	18.57		
100	QPSK	1	1	18.59	18.66	18.58	19.2	0.0
100	QPSK	1	137	18.61	18.64	18.51		
100	QPSK	1	271	18.55	18.64	18.57		
100	QPSK	135	0	18.54	18.59	18.58	19.2	0.0
100	QPSK	135	69	18.58	18.61	18.57	19.2	0.0
100	QPSK	135	138	18.57	18.54	18.51	19.2	0.0
100	QPSK	270	0	18.54	18.55	18.51		
100	16QAM	1	1	18.57	18.55	18.58	19.2	0.0
100	64QAM	1	1	18.58	18.53	18.52	19.2	0.0
100	256QAM	1	1	18.59	18.63	18.50	19.2	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.49	18.52	18.49	19.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.54	18.47	18.49	19.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.52	18.50	18.48	19.2	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.44	18.45	18.52	19.2	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.50	18.47	18.51	19.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.47	18.52	18.47	19.2	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.53	18.53	18.47	19.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.48	18.51	18.46	19.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.55	18.48	18.52	19.2	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.46	18.52	18.50	19.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.52	18.51	18.47	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	21.52	21.54	21.49	22.2	0.0
100	π/2 BPSK	1	137	21.59	21.55	21.53		
100	π/2 BPSK	1	271	21.69	21.57	21.56		
100	π/2 BPSK	135	0	21.67	21.59	21.55	22.2	0.0
100	π/2 BPSK	135	69	21.58	21.55	21.50	22.2	0.0
100	π/2 BPSK	135	138	21.64	21.61	21.55	22.2	0.0
100	π/2 BPSK	270	0	21.49	21.63	21.53		
100	QPSK	1	1	21.59	21.70	21.52	22.2	0.0
100	QPSK	1	137	21.59	21.60	21.57		
100	QPSK	1	271	21.51	21.64	21.55		
100	QPSK	135	0	21.49	21.62	21.54	22.2	0.0
100	QPSK	135	69	21.60	21.63	21.55	22.2	0.0
100	QPSK	135	138	21.61	21.55	21.56	22.2	0.0
100	QPSK	270	0	21.56	21.59	21.56		
100	16QAM	1	1	21.54	21.60	21.54	22.2	0.0
100	64QAM	1	1	21.55	21.56	21.52	22.2	0.0
100	256QAM	1	1	21.60	21.67	21.55	22.2	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.51	21.63	21.40	22.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.54	21.60	21.39	22.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.43	21.62	21.46	22.2	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.48	21.60	21.42	22.2	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.53	21.63	21.48	22.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.48	21.62	21.47	22.2	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.43	21.63	21.39	22.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.46	21.58	21.43	22.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.50	21.60	21.47	22.2	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.49	21.65	21.38	22.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.54	21.58	21.46	22.2	0.0

Part27Q n77 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		18.46		19.2	0.0
100	π/2 BPSK	1	137		18.44			
100	π/2 BPSK	1	271		18.43			
100	π/2 BPSK	135	0		18.51		19.2	0.0
100	π/2 BPSK	135	69		18.39		19.2	0.0
100	π/2 BPSK	135	138		18.50		19.2	0.0
100	π/2 BPSK	270	0		18.49			
100	QPSK	1	1		18.60		19.2	0.0
100	QPSK	1	137		18.49			
100	QPSK	1	271		18.59			
100	QPSK	135	0		18.44		19.2	0.0
100	QPSK	135	69		18.54		19.2	0.0
100	QPSK	135	138		18.50		19.2	0.0
100	QPSK	270	0		18.40			
100	16QAM	1	1		18.42		19.2	0.0
100	64QAM	1	1		18.49		19.2	0.0
100	256QAM	1	1		18.55		19.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.51	18.52	18.49	19.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.50	18.46	18.46	19.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.50	18.45	18.46	19.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.48	18.50	18.52	19.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.55	18.52	18.51	19.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.51	18.47	18.48	19.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.54	18.55	18.51	19.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.45	18.49	18.46	19.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.46	18.51	18.52	19.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.48	18.48	18.48	19.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.54	18.56	18.51	19.2	0.0

Part27Q n77 PC2 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.43		22.2	0.0
100	π/2 BPSK	1	137		21.42			
100	π/2 BPSK	1	271		21.52			
100	π/2 BPSK	135	0		21.52		22.2	0.0
100	π/2 BPSK	135	69		21.47		22.2	0.0
100	π/2 BPSK	135	138		21.53		22.2	0.0
100	π/2 BPSK	270	0		21.53			
100	QPSK	1	1		21.63		22.2	0.0
100	QPSK	1	137		21.47			
100	QPSK	1	271		21.55			
100	QPSK	135	0		21.52		22.2	0.0
100	QPSK	135	69		21.56		22.2	0.0
100	QPSK	135	138		21.49		22.2	0.0
100	QPSK	270	0		21.53			
100	16QAM	1	1		21.53		22.2	0.0
100	64QAM	1	1		21.52		22.2	0.0
100	256QAM	1	1		21.59		22.2	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.51	21.50	21.57	22.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.52	21.52	21.47	22.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.57	21.50	21.51	22.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.58	21.58	21.56	22.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.58	21.49	21.53	22.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.52	21.59	21.53	22.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.51	21.49	21.47	22.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.49	21.57	21.53	22.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.58	21.50	21.59	22.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.52	21.56	21.47	22.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.53	21.51	21.49	22.2	0.0

Part27O n78 Ant4 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1		17.69		18.6	0.0
100	π/2 BPSK	1	137		17.72			
100	π/2 BPSK	1	271		17.77			
100	π/2 BPSK	135	0		17.71		18.6	0.0
100	π/2 BPSK	135	69		17.74		18.6	0.0
100	π/2 BPSK	135	138		17.78		18.6	0.0
100	π/2 BPSK	270	0		17.74			
100	QPSK	1	1		17.84		18.6	0.0
100	QPSK	1	137		17.77			
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.78		18.6	0.0
100	QPSK	135	69		17.80		18.6	0.0
100	QPSK	135	138		17.77		18.6	0.0
100	QPSK	270	0		17.78			
100	16QAM	1	1		17.67		18.6	0.0
100	64QAM	1	1		17.74		18.6	0.0
100	256QAM	1	1		17.69		18.6	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.72	17.78	17.75	18.6	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.69	17.72	17.72	18.6	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.61	17.70	17.71	18.6	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.62	17.68	17.67	18.6	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.63	17.67	17.63	18.6	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.65	17.66	17.65	18.6	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.65	17.67	17.70	18.6	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.63	17.73	17.66	18.6	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.60	17.74	17.70	18.6	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.70	17.64	17.63	18.6	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.67	17.69	17.65	18.6	0.0

Part27O n78 PC2 Ant4 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1		20.75		21.6	0.0
100	π/2 BPSK	1	137		20.71			
100	π/2 BPSK	1	271		20.76			
100	π/2 BPSK	135	0		20.69		21.6	0.0
100	π/2 BPSK	135	69		20.80		21.6	0.0
100	π/2 BPSK	135	138		20.73		21.6	0.0
100	π/2 BPSK	270	0		20.79			
100	QPSK	1	1		20.85		21.6	0.0
100	QPSK	1	137		20.74			
100	QPSK	1	271		20.67			
100	QPSK	135	0		20.75		21.6	0.0
100	QPSK	135	69		20.83		21.6	0.0
100	QPSK	135	138		20.80		21.6	0.0
100	QPSK	270	0		20.81			
100	16QAM	1	1		20.71		21.6	0.0
100	64QAM	1	1		20.72		21.6	0.0
100	256QAM	1	1		20.68		21.6	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.65	20.74	20.75	21.6	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.65	20.70	20.73	21.6	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.67	20.67	20.66	21.6	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.71	20.66	20.76	21.6	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.71	20.66	20.72	21.6	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.71	20.73	20.73	21.6	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.74	20.74	20.65	21.6	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.70	20.71	20.71	21.6	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.67	20.72	20.73	21.6	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.75	20.72	20.70	21.6	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.67	20.70	20.73	21.6	0.0

Part27Q n78 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.94		18.6	0.0
100	π/2 BPSK	1	137		17.96			
100	π/2 BPSK	1	271		17.91			
100	π/2 BPSK	135	0		17.86		18.6	0.0
100	π/2 BPSK	135	69		17.94		18.6	0.0
100	π/2 BPSK	135	138		17.93		18.6	0.0
100	π/2 BPSK	270	0		17.90			
100	QPSK	1	1		18.09		18.6	0.0
100	QPSK	1	137		17.94			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.92		18.6	0.0
100	QPSK	135	69		18.04		18.6	0.0
100	QPSK	135	138		17.91		18.6	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.83		18.6	0.0
100	64QAM	1	1		17.97		18.6	0.0
100	256QAM	1	1		17.88		18.6	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.88	17.86	17.92	18.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.88	17.87	17.89	18.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.81	17.86	17.91	18.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.82	17.87	17.84	18.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.88	17.91	17.83	18.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.82	17.88	17.86	18.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.84	17.86	17.89	18.6	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.82	17.91	17.83	18.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.79	17.93	17.86	18.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.87	17.93	17.81	18.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.83	17.94	17.83	18.6	0.0

Part27Q n78 PC2 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.94		21.6	0.0
100	π/2 BPSK	1	137		21.01			
100	π/2 BPSK	1	271		20.87			
100	π/2 BPSK	135	0		20.81		21.6	0.0
100	π/2 BPSK	135	69		21.00		21.6	0.0
100	π/2 BPSK	135	138		20.90		21.6	0.0
100	π/2 BPSK	270	0		20.91			
100	QPSK	1	1		21.15		21.6	0.0
100	QPSK	1	137		20.93			
100	QPSK	1	271		20.90			
100	QPSK	135	0		20.97		21.6	0.0
100	QPSK	135	69		21.04		21.6	0.0
100	QPSK	135	138		20.90		21.6	0.0
100	QPSK	270	0		20.98			
100	16QAM	1	1		20.84		21.6	0.0
100	64QAM	1	1		20.98		21.6	0.0
100	256QAM	1	1		20.92		21.6	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.01	20.66	20.69	21.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.09	20.65	20.70	21.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.05	20.64	20.69	21.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.07	20.69	20.72	21.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.10	20.73	20.70	21.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.02	20.68	20.67	21.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.06	20.65	20.66	21.6	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.07	20.65	20.66	21.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.05	20.66	20.72	21.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.07	20.69	20.74	21.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.01	20.65	20.74	21.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	21.80	21.77	21.68	23.3	0.0
40	π/2 BPSK	1	108	21.72	21.79	21.73		
40	π/2 BPSK	1	214	21.78	21.77	21.71		
40	π/2 BPSK	108	0	21.26	21.29	21.28	22.8	0.5
40	π/2 BPSK	108	54	21.75	21.74	21.68	23.3	0.0
40	π/2 BPSK	108	108	21.25	21.29	21.22	22.8	0.5
40	π/2 BPSK	216	0	21.25	21.30	21.29		
40	QPSK	1	1	21.79	21.83	21.78	23.3	0.0
40	QPSK	1	108	21.74	21.82	21.76		
40	QPSK	1	214	21.70	21.81	21.76		
40	QPSK	108	0	20.80	20.83	20.83	22.3	1.0
40	QPSK	108	54	21.73	21.80	21.69	23.3	0.0
40	QPSK	108	108	20.81	20.79	20.83	22.3	1.0
40	QPSK	216	0	20.77	20.85	20.79		
40	16QAM	1	1	20.84	20.81	20.82	22.3	1.0
40	64QAM	1	1	19.32	19.35	19.29	20.8	2.5
40	256QAM	1	1	17.28	17.35	17.25	18.8	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.67	21.71	21.66	23.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.76	21.75	21.69	23.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.69	21.80	21.74	23.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.68	21.73	21.73	23.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.74	21.72	21.68	23.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.71	21.75	21.69	23.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.69	21.79	21.73	23.3	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	24.01	24.18	24.08	25.1	0.0
50	π/2 BPSK	1	135	24.13	24.09	24.01		
50	π/2 BPSK	1	268	24.03	24.15	23.95		
50	π/2 BPSK	135	0	23.59	23.67	23.64	24.6	0.5
50	π/2 BPSK	135	68	24.02	24.15	24.02	25.1	0.0
50	π/2 BPSK	135	135	23.72	23.64	23.56	24.6	0.5
50	π/2 BPSK	270	0	23.59	23.64	23.63		
50	QPSK	1	1	24.16	24.19	24.04	25.1	0.0
50	QPSK	1	135	24.03	24.13	24.02		
50	QPSK	1	268	24.07	24.11	24.13		
50	QPSK	135	0	23.14	23.14	23.08	24.1	1.0
50	QPSK	135	68	24.05	24.15	24.10	25.1	0.0
50	QPSK	135	135	23.10	23.09	23.07	24.1	1.0
50	QPSK	270	0	23.17	23.25	23.13		
50	16QAM	1	1	23.12	23.20	23.10	24.1	1.0
50	64QAM	1	1	21.64	21.67	21.60	22.6	2.5
50	256QAM	1	1	19.70	19.61	19.64	20.6	4.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	24.08	24.14	23.90	25.1	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	24.04	24.05	23.95	25.1	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	24.00	24.05	23.96	25.1	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	24.03	24.10	23.99	25.1	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	24.09	24.14	23.90	25.1	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.03	24.07	23.99	25.1	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.04	24.04	23.96	25.1	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.10	24.14	23.89	25.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	21.62	21.70	21.70	23.3	0.0
40	π/2 BPSK	1	108	21.63	21.78	21.69		
40	π/2 BPSK	1	214	21.64	21.68	21.70		
40	π/2 BPSK	108	0	21.20	21.30	21.26	22.8	0.5
40	π/2 BPSK	108	54	21.65	21.75	21.71	23.3	0.0
40	π/2 BPSK	108	108	21.28	21.27	21.28	22.8	0.5
40	π/2 BPSK	216	0	21.27	21.28	21.31		
40	QPSK	1	1	21.75	21.82	21.76	23.3	0.0
40	QPSK	1	108	21.69	21.73	21.71		
40	QPSK	1	214	21.70	21.71	21.68		
40	QPSK	108	0	20.78	20.78	20.79	22.3	1.0
40	QPSK	108	54	21.67	21.80	21.71	23.3	0.0
40	QPSK	108	108	20.72	20.80	20.77	22.3	1.0
40	QPSK	216	0	20.76	20.83	20.81		
40	16QAM	1	1	20.70	20.79	20.72	22.3	1.0
40	64QAM	1	1	19.23	19.30	19.25	20.8	2.5
40	256QAM	1	1	17.26	17.26	17.26	18.8	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	21.60	21.67	21.71	23.3	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.72	21.72	21.67	23.3	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.62	21.80	21.72	23.3	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.61	21.75	21.72	23.3	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.61	21.76	21.67	23.3	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.64	21.69	21.66	23.3	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.71	21.73	21.71	23.3	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	22.48	22.53	22.48	23.7	0.0
45	π/2 BPSK	1	120	22.41	22.44	22.37		
45	π/2 BPSK	1	240	22.50	22.55	22.47		
45	π/2 BPSK	120	0	21.96	22.00	21.86	23.2	0.5
45	π/2 BPSK	120	60	22.41	22.54	22.47	23.7	0.0
45	π/2 BPSK	120	120	21.90	22.02	21.91	23.2	0.5
45	π/2 BPSK	240	0	22.01	22.14	22.11		
45	QPSK	1	1	22.56	22.60	22.54	23.7	0.0
45	QPSK	1	120	22.53	22.57	22.47		
45	QPSK	1	240	22.49	22.58	22.47		
45	QPSK	120	0	21.55	21.66	21.59	22.7	1.0
45	QPSK	120	60	22.49	22.57	22.44	23.7	0.0
45	QPSK	120	120	21.45	21.52	21.49	22.7	1.0
45	QPSK	240	0	21.63	21.72	21.66		
45	16QAM	1	1	21.40	21.53	21.48	22.7	1.0
45	64QAM	1	1	19.91	19.97	19.88	21.2	2.5
45	256QAM	1	1	17.96	17.99	17.96	19.2	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	22.43	22.54	22.46	23.7	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	22.48	22.46	22.43	23.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.46	22.52	22.50	23.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.47	22.53	22.52	23.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.54	22.56	22.42	23.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.46	22.50	22.41	23.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.45	22.46	22.46	23.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.43	22.49	22.43	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	24.34	24.32	24.22	25.4	0.0
40	π/2 BPSK	1	53	24.20	24.33	24.22		
40	π/2 BPSK	1	104	24.24	24.31	24.23		
40	π/2 BPSK	50	0	23.91	23.92	23.88	24.9	0.5
40	π/2 BPSK	50	28	24.45	24.51	24.35	25.4	0.0
40	π/2 BPSK	50	56	23.79	23.96	23.81	24.9	0.5
40	π/2 BPSK	100	0	23.96	24.11	23.95		
40	QPSK	1	1	24.52	24.54	24.49	25.4	0.0
40	QPSK	1	53	24.38	24.49	24.46		
40	QPSK	1	104	24.41	24.47	24.41		
40	QPSK	50	0	23.51	23.53	23.58	24.4	1.0
40	QPSK	50	28	24.51	24.53	24.38	25.4	0.0
40	QPSK	50	56	23.37	23.35	23.39	24.4	1.0
40	QPSK	100	0	23.50	23.51	23.42		
40	16QAM	1	1	23.52	23.64	23.48	24.4	1.0
40	64QAM	1	1	22.01	22.18	22.02	22.9	2.5
40	256QAM	1	1	19.89	20.07	20.05	20.9	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.96	24.06	23.98	25.4	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.98	24.10	24.02	25.4	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.04	24.08	24.07	25.4	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	24.02	24.03	24.02	25.4	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	24.02	24.13	24.00	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	24.20	24.38	24.23	25.6	0.0
100	π/2 BPSK	1	137	24.22	24.37	24.21		
100	π/2 BPSK	1	271	24.11	24.19	24.11		
100	π/2 BPSK	135	0	23.92	23.96	23.91	25.1	0.5
100	π/2 BPSK	135	69	24.29	24.33	24.31	25.6	0.0
100	π/2 BPSK	135	138	23.66	23.80	23.64	25.1	0.5
100	π/2 BPSK	270	0	23.90	23.87	23.85		
100	QPSK	1	1	24.36	24.47	24.42	25.6	0.0
100	QPSK	1	137	24.35	24.38	24.28		
100	QPSK	1	271	24.24	24.31	24.29		
100	QPSK	135	0	23.48	23.52	23.49	24.6	1.0
100	QPSK	135	69	24.33	24.36	24.27	25.6	0.0
100	QPSK	135	138	23.22	23.25	23.24	24.6	1.0
100	QPSK	270	0	23.38	23.43	23.39		
100	16QAM	1	1	23.68	23.73	23.67	24.6	1.0
100	64QAM	1	1	22.20	22.34	22.14	23.1	2.5
100	256QAM	1	1	20.22	20.18	20.13	21.1	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	24.27	24.33	24.35	25.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	24.28	24.43	24.37	25.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	24.21	24.43	24.32	25.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.21	24.40	24.27	25.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	24.22	24.39	24.32	25.6	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	24.30	24.31	24.28	25.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	24.22	24.42	24.30	25.6	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.31	24.34	24.28	25.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.27	24.34	24.29	25.6	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.22	24.40	24.32	25.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.20	24.41	24.28	25.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.23	24.35	24.37	25.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	24.31	24.34	24.33	25.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	22.19	22.14	22.07	23.7	0.0
100	π/2 BPSK	1	137	22.10	22.19	22.15		
100	π/2 BPSK	1	271	22.36	22.36	22.21		
100	π/2 BPSK	135	0	22.06	22.15	22.08	23.7	0.0
100	π/2 BPSK	135	69	22.17	22.16	22.01	23.7	0.0
100	π/2 BPSK	135	138	22.31	22.40	22.27	23.7	0.0
100	π/2 BPSK	270	0	22.14	22.22	22.15		
100	QPSK	1	1	22.36	22.53	22.41	23.7	0.0
100	QPSK	1	137	22.13	22.19	22.15		
100	QPSK	1	271	22.44	22.52	22.32		
100	QPSK	135	0	22.10	22.21	22.10	23.7	0.0
100	QPSK	135	69	22.18	22.32	22.30	23.7	0.0
100	QPSK	135	138	22.09	22.16	22.16	23.7	0.0
100	QPSK	270	0	22.06	22.24	22.15		
100	16QAM	1	1	22.24	22.30	22.13	23.7	0.0
100	64QAM	1	1	21.62	21.68	21.57	23.2	0.5
100	256QAM	1	1	19.60	19.70	19.60	21.2	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.27	22.44	22.31	23.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.27	22.41	22.26	23.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.31	22.37	22.36	23.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.28	22.46	22.27	23.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.21	22.48	22.29	23.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.30	22.45	22.36	23.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.25	22.41	22.35	23.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.25	22.47	22.32	23.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.22	22.37	22.27	23.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.24	22.40	22.27	23.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.30	22.38	22.34	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	24.44	24.51	24.35	25.7	0.0
100	π/2 BPSK	1	137	24.44	24.43	24.45		
100	π/2 BPSK	1	271	24.32	24.39	24.33		
100	π/2 BPSK	135	0	23.69	23.73	23.64	25.2	0.5
100	π/2 BPSK	135	69	24.04	24.19	24.19	25.7	0.0
100	π/2 BPSK	135	138	23.78	23.81	23.71	25.2	0.5
100	π/2 BPSK	270	0	23.81	23.87	23.70		
100	QPSK	1	1	24.52	24.56	24.46	25.7	0.0
100	QPSK	1	137	24.30	24.44	24.36		
100	QPSK	1	271	24.23	24.38	24.22		
100	QPSK	135	0	23.04	23.20	23.07	24.7	1.0
100	QPSK	135	69	24.35	24.49	24.24	25.7	0.0
100	QPSK	135	138	23.21	23.30	23.22	24.7	1.0
100	QPSK	270	0	23.17	23.25	23.22		
100	16QAM	1	1	23.15	23.30	23.31	24.7	1.0
100	64QAM	1	1	21.83	21.90	21.88	23.2	2.5
100	256QAM	1	1	19.72	19.81	19.75	21.2	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	24.22	24.34	24.15	25.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	24.23	24.24	24.19	25.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	24.30	24.27	24.17	25.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	24.28	24.24	24.25	25.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	24.27	24.27	24.16	25.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	24.26	24.34	24.24	25.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	24.24	24.26	24.14	25.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	24.26	24.26	24.23	25.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	24.29	24.26	24.15	25.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.19	24.26	24.22	25.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	24.28	24.29	24.14	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.27		23.7	0.0
100	π/2 BPSK	1	137		22.17			
100	π/2 BPSK	1	271		22.19			
100	π/2 BPSK	135	0		22.20		23.7	0.0
100	π/2 BPSK	135	69		22.20		23.7	0.0
100	π/2 BPSK	135	138		22.23		23.7	0.0
100	π/2 BPSK	270	0		22.22			
100	QPSK	1	1		22.36		23.7	0.0
100	QPSK	1	137		22.16			
100	QPSK	1	271		22.35			
100	QPSK	135	0		22.22		23.7	0.0
100	QPSK	135	69		22.25		23.7	0.0
100	QPSK	135	138		22.23		23.7	0.0
100	QPSK	270	0		22.12			
100	16QAM	1	1		22.16		23.7	0.0
100	64QAM	1	1		21.78		23.2	0.5
100	256QAM	1	1		19.34		21.2	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.25	22.29	22.31	23.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.30	22.20	22.21	23.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.22	22.26	22.22	23.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.32	22.29	22.29	23.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.20	22.26	22.25	23.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.26	22.30	22.29	23.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.28	22.26	22.22	23.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.27	22.29	22.27	23.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.26	22.27	22.29	23.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.21	22.32	22.31	23.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.26	22.21	22.26	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.96		25.7	0.0
100	π/2 BPSK	1	137		24.00			
100	π/2 BPSK	1	271		23.99			
100	π/2 BPSK	135	0		23.55		25.2	0.5
100	π/2 BPSK	135	69		23.93		25.7	0.0
100	π/2 BPSK	135	138		23.43		25.2	0.5
100	π/2 BPSK	270	0		23.50			
100	QPSK	1	1		24.01		25.7	0.0
100	QPSK	1	137		23.88			
100	QPSK	1	271		23.96			
100	QPSK	135	0		22.75		24.7	1.0
100	QPSK	135	69		23.98		25.7	0.0
100	QPSK	135	138		22.93		24.7	1.0
100	QPSK	270	0		23.13			
100	16QAM	1	1		22.79		24.7	1.0
100	64QAM	1	1		21.26		23.2	2.5
100	256QAM	1	1		19.21		21.2	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.95	23.95	23.87	25.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.89	23.87	23.91	25.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.86	23.89	23.87	25.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.88	23.94	23.90	25.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.93	23.88	23.95	25.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.89	23.85	23.90	25.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.91	23.91	23.88	25.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.92	23.92	23.85	25.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.89	23.89	23.93	25.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.93	23.88	23.86	25.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.85	23.95	23.93	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		22.41		23.7	0.0
100	π/2 BPSK	1	137		22.47			
100	π/2 BPSK	1	271		22.40			
100	π/2 BPSK	135	0		22.35		23.7	0.0
100	π/2 BPSK	135	69		22.33		23.7	0.0
100	π/2 BPSK	135	138		22.39		23.7	0.0
100	π/2 BPSK	270	0		22.41			
100	QPSK	1	1		22.48		23.7	0.0
100	QPSK	1	137		22.36			
100	QPSK	1	271		22.46			
100	QPSK	135	0		22.39		23.7	0.0
100	QPSK	135	69		22.42		23.7	0.0
100	QPSK	135	138		22.36		23.7	0.0
100	QPSK	270	0		22.32			
100	16QAM	1	1		22.37		23.7	0.0
100	64QAM	1	1		21.86		23.2	0.5
100	256QAM	1	1		19.82		21.2	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.30	22.38	22.32	23.7	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.22	22.32	22.18	23.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.23	22.36	22.26	23.7	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.28	22.26	22.30	23.7	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.19	22.35	22.22	23.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.25	22.31	22.28	23.7	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.19	22.31	22.25	23.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.27	22.36	22.20	23.7	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.23	22.27	22.28	23.7	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.27	22.32	22.28	23.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.28	22.26	22.26	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		24.59		25.5	0.0
100	π/2 BPSK	1	137		24.29			
100	π/2 BPSK	1	271		24.34			
100	π/2 BPSK	135	0		23.98		25.0	0.5
100	π/2 BPSK	135	69		24.44		25.5	0.0
100	π/2 BPSK	135	138		23.91		25.0	0.5
100	π/2 BPSK	270	0		23.87			
100	QPSK	1	1		24.64		25.5	0.0
100	QPSK	1	137		24.48			
100	QPSK	1	271		24.59			
100	QPSK	135	0		23.42		24.5	1.0
100	QPSK	135	69		24.60		25.5	0.0
100	QPSK	135	138		23.47		24.5	1.0
100	QPSK	270	0		23.56			
100	16QAM	1	1		23.48		24.5	1.0
100	64QAM	1	1		22.03		23.0	2.5
100	256QAM	1	1		19.96		21.0	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.49	24.58	24.53	25.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.40	24.47	24.46	25.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.38	24.52	24.50	25.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.35	24.48	24.46	25.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.38	24.54	24.44	25.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.40	24.56	24.47	25.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.40	24.53	24.47	25.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.44	24.44	24.49	25.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.38	24.52	24.46	25.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.36	24.47	24.42	25.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.41	24.44	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.17		23.7	0.0
100	π/2 BPSK	1	137		22.10			
100	π/2 BPSK	1	271		22.15			
100	π/2 BPSK	135	0		22.12		23.7	0.0
100	π/2 BPSK	135	69		22.02		23.7	0.0
100	π/2 BPSK	135	138		22.08		23.7	0.0
100	π/2 BPSK	270	0		22.14			
100	QPSK	1	1		22.23		23.7	0.0
100	QPSK	1	137		21.98			
100	QPSK	1	271		22.10			
100	QPSK	135	0		22.10		23.7	0.0
100	QPSK	135	69		22.20		23.7	0.0
100	QPSK	135	138		22.10		23.7	0.0
100	QPSK	270	0		22.10			
100	16QAM	1	1		21.77		23.7	0.0
100	64QAM	1	1		21.27		23.2	0.5
100	256QAM	1	1		19.32		21.2	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.19	22.09	22.18	23.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.11	22.07	22.15	23.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.11	22.10	22.08	23.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.16	22.14	22.18	23.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.18	22.13	22.09	23.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.10	22.18	22.18	23.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.11	22.12	22.13	23.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.10	22.15	22.12	23.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.12	22.13	22.12	23.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.13	22.09	22.15	23.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.18	22.14	22.09	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.87		25.5	0.0
100	π/2 BPSK	1	137		23.88			
100	π/2 BPSK	1	271		23.98			
100	π/2 BPSK	135	0		23.06		25.0	0.5
100	π/2 BPSK	135	69		23.54		25.5	0.0
100	π/2 BPSK	135	138		23.36		25.0	0.5
100	π/2 BPSK	270	0		23.46			
100	QPSK	1	1		24.20		25.5	0.0
100	QPSK	1	137		23.76			
100	QPSK	1	271		24.05			
100	QPSK	135	0		22.71		24.5	1.0
100	QPSK	135	69		24.09		25.5	0.0
100	QPSK	135	138		22.89		24.5	1.0
100	QPSK	270	0		23.17			
100	16QAM	1	1		22.71		24.5	1.0
100	64QAM	1	1		21.44		23.0	2.5
100	256QAM	1	1		19.49		21.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.12	24.14	24.05	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.04	24.14	24.05	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.07	24.11	24.06	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.10	24.06	24.08	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.09	24.12	24.04	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.07	24.11	24.04	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.09	24.16	24.12	25.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.11	24.05	24.06	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.15	24.16	24.11	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.12	24.08	24.11	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.10	24.15	24.10	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	19.80	19.94	19.81	21.3	0.0
40	π/2 BPSK	1	108	19.77	19.92	19.82		
40	π/2 BPSK	1	214	19.85	19.89	19.83		
40	π/2 BPSK	108	0	19.34	19.50	19.45	20.8	0.5
40	π/2 BPSK	108	54	19.86	19.88	19.89	21.3	0.0
40	π/2 BPSK	108	108	19.41	19.45	19.40	20.8	0.5
40	π/2 BPSK	216	0	19.42	19.47	19.43		
40	QPSK	1	1	19.89	19.97	19.94	21.3	0.0
40	QPSK	1	108	19.76	19.87	19.83		
40	QPSK	1	214	19.82	19.87	19.91		
40	QPSK	108	0	18.95	18.96	18.94	20.3	1.0
40	QPSK	108	54	19.86	19.93	19.86	21.3	0.0
40	QPSK	108	108	18.92	18.95	18.91	20.3	1.0
40	QPSK	216	0	18.89	18.99	18.93		
40	16QAM	1	1	18.95	18.96	18.90	20.3	1.0
40	64QAM	1	1	17.41	17.42	17.44	18.8	2.5
40	256QAM	1	1	15.39	15.52	15.47	16.8	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	19.82	19.84	19.86	21.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	19.76	19.89	19.89	21.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	19.87	19.86	19.80	21.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	19.75	19.85	19.90	21.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	19.77	19.91	19.91	21.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	19.82	19.87	19.87	21.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	19.87	19.85	19.91	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	18.55	18.61	18.56	20.0	0.0
50	π/2 BPSK	1	135	18.61	18.67	18.55		
50	π/2 BPSK	1	268	18.62	18.68	18.63		
50	π/2 BPSK	135	0	18.65	18.63	18.52	20.0	0.0
50	π/2 BPSK	135	68	18.62	18.61	18.62	20.0	0.0
50	π/2 BPSK	135	135	18.61	18.64	18.52	20.0	0.0
50	π/2 BPSK	270	0	18.57	18.69	18.53		
50	QPSK	1	1	18.62	18.81	18.52	20.0	0.0
50	QPSK	1	135	18.57	18.61	18.62		
50	QPSK	1	268	18.55	18.65	18.60		
50	QPSK	135	0	18.63	18.64	18.57	20.0	0.0
50	QPSK	135	68	18.60	18.75	18.57	20.0	0.0
50	QPSK	135	135	18.59	18.70	18.55	20.0	0.0
50	QPSK	270	0	18.58	18.63	18.62		
50	16QAM	1	1	18.57	18.71	18.59	20.0	0.0
50	64QAM	1	1	18.56	18.63	18.62	20.0	0.0
50	256QAM	1	1	17.16	17.32	16.99	18.5	1.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.58	18.67	18.36	20.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.58	18.75	18.41	20.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.54	18.76	18.39	20.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.52	18.76	18.42	20.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	18.52	18.67	18.46	20.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.50	18.73	18.40	20.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.53	18.66	18.47	20.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.47	18.66	18.38	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				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	19.86	19.91	19.85	21.3	0.0
40	π/2 BPSK	1	108	19.79	19.90	19.78		
40	π/2 BPSK	1	214	19.77	19.89	19.85		
40	π/2 BPSK	108	0	19.33	19.46	19.46	20.8	0.5
40	π/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0
40	π/2 BPSK	108	108	19.44	19.43	19.42	20.8	0.5
40	π/2 BPSK	216	0	19.36	19.46	19.43		
40	QPSK	1	1	19.89	19.94	19.91	21.3	0.0
40	QPSK	1	108	19.81	19.80	19.82		
40	QPSK	1	214	19.82	19.82	19.88		
40	QPSK	108	0	18.90	18.93	18.92	20.3	1.0
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0
40	QPSK	108	108	18.87	18.89	18.88	20.3	1.0
40	QPSK	216	0	18.90	18.99	18.89		
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5
40	256QAM	1	1	15.43	15.39	15.41	16.8	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.78	19.91	19.77	21.3	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.86	19.84	19.80	21.3	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.83	19.82	19.85	21.3	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.86	19.88	19.88	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	20.80	20.86	20.86	22.1	0.0
45	π/2 BPSK	1	120	20.78	20.89	20.82		
45	π/2 BPSK	1	240	20.82	20.85	20.77		
45	π/2 BPSK	120	0	20.44	20.42	20.46	21.6	0.5
45	π/2 BPSK	120	60	20.82	20.88	20.79	22.1	0.0
45	π/2 BPSK	120	120	20.17	20.27	20.22	21.6	0.5
45	π/2 BPSK	240	0	20.37	20.49	20.36		
45	QPSK	1	1	20.81	20.95	20.91	22.1	0.0
45	QPSK	1	120	20.81	20.84	20.77		
45	QPSK	1	240	20.75	20.86	20.79		
45	QPSK	120	0	19.86	19.93	19.80	21.1	1.0
45	QPSK	120	60	20.88	20.94	20.89	22.1	0.0
45	QPSK	120	120	19.74	19.75	19.77	21.1	1.0
45	QPSK	240	0	19.80	19.96	19.95		
45	16QAM	1	1	19.77	19.89	19.80	21.1	1.0
45	64QAM	1	1	18.23	18.26	18.18	19.6	2.5
45	256QAM	1	1	16.16	16.21	16.21	17.6	4.5
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.62	20.65	20.63	22.1	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.60	20.63	20.71	22.1	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.59	20.71	20.70	22.1	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.67	20.67	20.74	22.1	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.62	20.75	20.71	22.1	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.63	20.73	20.72	22.1	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.61	20.68	20.63	22.1	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.64	20.66	20.74	22.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	18.80	18.95	19.02	20.2	0.0
40	Pi/2 BPSK	1	53	18.93	19.00	18.92		
40	Pi/2 BPSK	1	104	18.90	19.04	19.02		
40	Pi/2 BPSK	50	0	18.91	19.00	18.98	20.2	0.0
40	Pi/2 BPSK	50	28	18.91	19.01	18.99	20.2	0.0
40	Pi/2 BPSK	50	56	18.83	19.05	19.01	20.2	0.0
40	Pi/2 BPSK	100	0	18.87	19.03	19.02		
40	QPSK	1	1	18.89	19.10	18.92	20.2	0.0
40	QPSK	1	53	18.92	18.97	18.96		
40	QPSK	1	104	18.86	19.00	18.93		
40	QPSK	50	0	18.90	18.95	18.92	20.2	0.0
40	QPSK	50	28	18.86	18.99	18.93	20.2	0.0
40	QPSK	50	56	18.92	18.90	18.92	20.2	0.0
40	QPSK	100	0	18.85	18.97	18.96		
40	16QAM	1	1	18.80	18.89	18.88	20.2	0.0
40	64QAM	1	1	18.90	18.94	18.96	20.2	0.0
40	256QAM	1	1	17.36	17.31	17.39	18.7	1.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.78	19.01	18.82	20.2	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.77	18.97	18.83	20.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.81	18.98	18.79	20.2	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.76	19.01	18.79	20.2	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.77	18.99	18.84	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	18.45	18.51	18.43	20.0	0.0
100	Pi/2 BPSK	1	137	18.51	18.59	18.37		
100	Pi/2 BPSK	1	271	18.49	18.60	18.37		
100	Pi/2 BPSK	135	0	18.49	18.58	18.46	20.0	0.0
100	Pi/2 BPSK	135	69	18.50	18.51	18.46	20.0	0.0
100	Pi/2 BPSK	135	138	18.47	18.58	18.47	20.0	0.0
100	Pi/2 BPSK	270	0	18.52	18.53	18.41		
100	QPSK	1	1	18.53	18.68	18.46	20.0	0.0
100	QPSK	1	137	18.50	18.55	18.36		
100	QPSK	1	271	18.47	18.58	18.46		
100	QPSK	135	0	18.48	18.53	18.41	20.0	0.0
100	QPSK	135	69	18.50	18.65	18.37	20.0	0.0
100	QPSK	135	138	18.50	18.59	18.40	20.0	0.0
100	QPSK	270	0	18.52	18.53	18.42		
100	16QAM	1	1	18.51	18.55	18.38	20.0	0.0
100	64QAM	1	1	18.46	18.56	18.39	20.0	0.0
100	256QAM	1	1	18.51	18.60	18.46	19.0	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.44	18.62	18.41	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.39	18.53	18.36	20.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.42	18.61	18.36	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.46	18.56	18.38	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.45	18.60	18.30	20.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.43	18.59	18.38	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.48	18.59	18.32	20.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.39	18.64	18.39	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.47	18.58	18.39	20.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.44	18.54	18.33	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.48	18.55	18.39	20.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.45	18.59	18.30	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.39	18.63	18.40	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	23.31	23.44	23.31	25.0	0.0
40	π/2 BPSK	1	53	23.34	23.39	23.30		
40	π/2 BPSK	1	104	23.30	23.42	23.40		
40	π/2 BPSK	50	0	22.64	22.75	22.64	24.5	0.5
40	π/2 BPSK	50	28	23.35	23.43	23.38	25.0	0.0
40	π/2 BPSK	50	56	22.57	22.63	22.56	24.5	0.5
40	π/2 BPSK	100	0	22.67	22.76	22.66		
40	QPSK	1	1	23.39	23.48	23.45	25.0	0.0
40	QPSK	1	53	23.36	23.43	23.36		
40	QPSK	1	104	23.36	23.39	23.30		
40	QPSK	50	0	22.43	22.46	22.39	24.0	1.0
40	QPSK	50	28	23.34	23.45	23.36	25.0	0.0
40	QPSK	50	56	22.36	22.42	22.31	24.0	1.0
40	QPSK	100	0	22.39	22.49	22.39		
40	16QAM	1	1	22.26	22.35	22.23	24.0	1.0
40	64QAM	1	1	20.51	20.63	20.56	22.5	2.5
40	256QAM	1	1	18.65	18.72	18.65	20.5	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.28	23.35	23.40	25.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.32	23.37	23.40	25.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.29	23.35	23.38	25.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.33	23.40	23.41	25.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.49	25.63	25.48	26.0	0.0
100	π/2 BPSK	1	137	25.51	25.66	25.51		
100	π/2 BPSK	1	271	25.37	25.57	25.50		
100	π/2 BPSK	135	0	25.50	25.56	25.42	26.0	0.0
100	π/2 BPSK	135	69	25.34	25.49	25.53	26.0	0.0
100	π/2 BPSK	135	138	25.44	25.57	25.62	26.0	0.0
100	π/2 BPSK	270	0	25.53	25.58	25.52		
100	QPSK	1	1	25.66	25.76	25.71	26.0	0.0
100	QPSK	1	137	25.48	25.61	25.46		
100	QPSK	1	271	25.45	25.53	25.46		
100	QPSK	135	0	25.47	25.53	25.40	26.0	0.0
100	QPSK	135	69	25.56	25.67	25.61	26.0	0.0
100	QPSK	135	138	25.49	25.63	25.58	26.0	0.0
100	QPSK	270	0	25.40	25.56	25.50		
100	16QAM	1	1	25.62	25.71	25.46	26.0	0.0
100	64QAM	1	1	25.03	25.21	25.08	25.5	0.5
100	256QAM	1	1	23.01	23.14	23.12	23.5	2.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.54	25.64	25.63	26.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.61	25.71	25.65	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.53	25.64	25.61	26.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.58	25.63	25.59	26.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.57	25.72	25.57	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.51	25.68	25.55	26.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.59	25.67	25.64	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.52	25.66	25.58	26.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.54	25.69	25.58	26.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.50	25.66	25.60	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.58	25.64	25.59	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	27.32	27.71	27.56	29.0	0.0
100	π/2 BPSK	1	137	27.27	27.55	27.56		
100	π/2 BPSK	1	271	27.42	27.68	27.56		
100	π/2 BPSK	135	0	26.93	27.20	27.11	28.5	0.5
100	π/2 BPSK	135	69	27.34	27.63	27.59	29.0	0.0
100	π/2 BPSK	135	138	26.99	27.21	27.12	28.5	0.5
100	π/2 BPSK	270	0	26.90	27.22	27.21		
100	QPSK	1	1	27.44	27.72	27.64	29.0	0.0
100	QPSK	1	137	27.34	27.62	27.55		
100	QPSK	1	271	27.42	27.57	27.55		
100	QPSK	135	0	26.48	26.69	26.58	28.0	1.0
100	QPSK	135	69	27.37	27.65	27.56	29.0	0.0
100	QPSK	135	138	26.40	26.74	26.63	28.0	1.0
100	QPSK	270	0	26.38	26.66	26.60		
100	16QAM	1	1	26.47	26.70	26.58	28.0	1.0
100	64QAM	1	1	24.91	25.20	25.13	26.5	2.5
100	256QAM	1	1	22.94	23.18	23.19	24.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	27.38	27.61	27.49	29.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	27.32	27.58	27.57	29.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.28	27.56	27.60	29.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.37	27.68	27.54	29.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	27.34	27.62	27.57	29.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.33	27.60	27.58	29.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.36	27.61	27.52	29.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.30	27.66	27.50	29.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.33	27.62	27.48	29.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	27.32	27.67	27.55	29.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.31	27.65	27.58	29.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.54		26.0	0.0
100	π/2 BPSK	1	137		25.53			
100	π/2 BPSK	1	271		25.39			
100	π/2 BPSK	135	0		25.40		26.0	0.0
100	π/2 BPSK	135	69		25.39		26.0	0.0
100	π/2 BPSK	135	138		25.54		26.0	0.0
100	π/2 BPSK	270	0		25.53			
100	QPSK	1	1		25.57		26.0	0.0
100	QPSK	1	137		25.39			
100	QPSK	1	271		25.28			
100	QPSK	135	0		25.27		26.0	0.0
100	QPSK	135	69		25.56		26.0	0.0
100	QPSK	135	138		25.41		26.0	0.0
100	QPSK	270	0		25.34			
100	16QAM	1	1		25.46		26.0	0.0
100	64QAM	1	1		25.01		25.5	0.5
100	256QAM	1	1		22.97		23.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.49	25.47	25.48	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.44	25.52	25.43	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.48	25.51	25.48	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.52	25.46	25.46	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.43	25.50	25.41	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.44	25.52	25.50	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.46	25.43	25.47	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.53	25.42	25.50	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.51	25.52	25.42	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.46	25.44	25.48	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.47	25.42	25.49	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.53		29.0	0.0
100	π/2 BPSK	1	137		27.54			
100	π/2 BPSK	1	271		27.50			
100	π/2 BPSK	135	0		27.19		28.5	0.5
100	π/2 BPSK	135	69		27.59		29.0	0.0
100	π/2 BPSK	135	138		27.19		28.5	0.5
100	π/2 BPSK	270	0		27.12			
100	QPSK	1	1		27.60		29.0	0.0
100	QPSK	1	137		27.54			
100	QPSK	1	271		27.51			
100	QPSK	135	0		26.67		28.0	1.0
100	QPSK	135	69		27.54		29.0	0.0
100	QPSK	135	138		26.68		28.0	1.0
100	QPSK	270	0		26.62			
100	16QAM	1	1		26.54		28.0	1.0
100	64QAM	1	1		25.12		26.5	2.5
100	256QAM	1	1		23.09		24.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.53	27.54	27.51	29.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.54	27.52	27.45	29.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.47	27.47	27.45	29.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.48	27.56	27.54	29.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.50	27.51	27.46	29.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.48	27.53	27.53	29.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.56	27.46	27.50	29.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.47	27.55	27.55	29.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.56	27.52	27.52	29.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.47	27.52	27.55	29.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.55	27.44	27.47	29.0	0.0

Part27O n78 Ant10 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1		25.55		26.0	0.0
100	π/2 BPSK	1	137		25.52			
100	π/2 BPSK	1	271		25.46			
100	π/2 BPSK	135	0		25.49		26.0	0.0
100	π/2 BPSK	135	69		25.41		26.0	0.0
100	π/2 BPSK	135	138		25.53		26.0	0.0
100	π/2 BPSK	270	0		25.47			
100	QPSK	1	1		25.56		26.0	0.0
100	QPSK	1	137		25.42			
100	QPSK	1	271		25.28			
100	QPSK	135	0		25.23		26.0	0.0
100	QPSK	135	69		25.45		26.0	0.0
100	QPSK	135	138		25.41		26.0	0.0
100	QPSK	270	0		25.38			
100	16QAM	1	1		25.51		26.0	0.0
100	64QAM	1	1		24.91		25.5	0.5
100	256QAM	1	1		23.01		23.5	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.44	25.44	25.40	26.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.45	25.43	25.46	26.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.45	25.50	25.52	26.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.48	25.41	25.47	26.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.41	25.41	25.45	26.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.45	25.42	25.47	26.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.48	25.49	25.48	26.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.43	25.44	25.43	26.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.51	25.42	25.41	26.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.49	25.46	25.52	26.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.43	25.51	25.50	26.0	0.0

Part27O n78 PC2 Ant10 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1		27.41		29.0	0.0
100	π/2 BPSK	1	137		27.49			
100	π/2 BPSK	1	271		27.42			
100	π/2 BPSK	135	0		27.09		28.5	0.5
100	π/2 BPSK	135	69		27.51		29.0	0.0
100	π/2 BPSK	135	138		27.13		28.5	0.5
100	π/2 BPSK	270	0		27.04			
100	QPSK	1	1		27.53		29.0	0.0
100	QPSK	1	137		27.49			
100	QPSK	1	271		27.38			
100	QPSK	135	0		26.52		28.0	1.0
100	QPSK	135	69		27.42		29.0	0.0
100	QPSK	135	138		26.53		28.0	1.0
100	QPSK	270	0		26.58			
100	16QAM	1	1		26.41		28.0	1.0
100	64QAM	1	1		25.03		26.5	2.5
100	256QAM	1	1		23.00		24.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.45	27.38	27.47	29.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.46	27.39	27.49	29.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.38	27.44	27.41	29.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.48	27.44	27.39	29.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.39	27.39	27.37	29.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.48	27.42	27.47	29.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.42	27.48	27.39	29.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.44	27.39	27.45	29.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.42	27.40	27.47	29.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.46	27.47	27.40	29.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.42	27.39	27.46	29.0	0.0

Part27Q n78 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.61		26.0	0.0
100	π/2 BPSK	1	137		25.48			
100	π/2 BPSK	1	271		25.50			
100	π/2 BPSK	135	0		25.53		26.0	0.0
100	π/2 BPSK	135	69		25.41		26.0	0.0
100	π/2 BPSK	135	138		25.61		26.0	0.0
100	π/2 BPSK	270	0		25.64			
100	QPSK	1	1		25.67		26.0	0.0
100	QPSK	1	137		25.51			
100	QPSK	1	271		25.34			
100	QPSK	135	0		25.23		26.0	0.0
100	QPSK	135	69		25.49		26.0	0.0
100	QPSK	135	138		25.46		26.0	0.0
100	QPSK	270	0		25.28			
100	16QAM	1	1		25.66		26.0	0.0
100	64QAM	1	1		24.98		25.5	0.5
100	256QAM	1	1		23.06		23.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.53	25.55	25.52	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.56	25.62	25.58	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.56	25.60	25.58	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.57	25.58	25.56	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.53	25.59	25.56	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.52	25.54	25.59	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.59	25.56	25.51	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.53	25.59	25.51	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.52	25.62	25.60	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.57	25.63	25.52	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.59	25.53	25.53	26.0	0.0

Part27Q n78 PC2 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.29		29.0	0.0
100	π/2 BPSK	1	137		27.38			
100	π/2 BPSK	1	271		27.33			
100	π/2 BPSK	135	0		27.01		28.5	0.5
100	π/2 BPSK	135	69		27.38		29.0	0.0
100	π/2 BPSK	135	138		27.04		28.5	0.5
100	π/2 BPSK	270	0		26.94			
100	QPSK	1	1		27.47		29.0	0.0
100	QPSK	1	137		27.45			
100	QPSK	1	271		27.30			
100	QPSK	135	0		26.37		28.0	1.0
100	QPSK	135	69		27.31		29.0	0.0
100	QPSK	135	138		26.43		28.0	1.0
100	QPSK	270	0		26.51			
100	16QAM	1	1		26.34		28.0	1.0
100	64QAM	1	1		24.96		26.5	2.5
100	256QAM	1	1		22.93		24.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.40	27.34	27.37	29.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.32	27.40	27.36	29.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.32	27.43	27.36	29.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.38	27.42	27.33	29.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.40	27.36	27.41	29.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.42	27.37	27.42	29.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.37	27.41	27.40	29.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.38	27.37	27.37	29.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.32	27.40	27.35	29.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.37	27.43	27.32	29.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.37	27.38	27.43	29.0	0.0

Reduced Power Mode for DSI5_Main PA

n5 Ant0 DSI5

BW [MHz]	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	25.29	25.29	25.29	25.7	0.0
20	PI/2 BPSK	1	53	25.31	25.28	25.24		
20	PI/2 BPSK	1	104	25.11	25.13	25.14		
20	PI/2 BPSK	50	0	24.69	24.70	24.63	25.2	0.5
20	PI/2 BPSK	50	28	25.28	25.32	25.26	25.7	0.0
20	PI/2 BPSK	50	56	24.62	24.72	24.63	25.2	0.5
20	PI/2 BPSK	100	0	24.82	24.77	24.82		
20	QPSK	1	1	25.29	25.33	25.27	25.7	0.0
20	QPSK	1	53	25.32	25.32	25.24		
20	QPSK	1	104	25.13	25.09	25.09		
20	QPSK	50	0	24.23	24.27	24.26	24.7	1.0
20	QPSK	50	28	25.20	25.23	25.21	25.7	0.0
20	QPSK	50	56	24.15	24.08	24.08	24.7	1.0
20	QPSK	100	0	24.26	24.29	24.28		
20	16QAM	1	1	24.16	24.15	24.20	24.7	1.0
20	64QAM	1	1	22.63	22.62	22.60	23.2	2.5
20	256QAM	1	1	20.49	20.51	20.56	21.2	4.5
Channel				166300	167300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	25.24	25.19	25.17	25.7	0.0
Channel				165800	167300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	25.22	25.22	25.13	25.7	0.0
Channel				165300	167300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	25.14	25.26	25.21	25.7	0.0

n12 Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	25.39	25.39	25.48	25.7	0.0
15	PI/2 BPSK	1	40	25.41	25.43	25.38		
15	PI/2 BPSK	1	77	25.32	25.35	25.29		
15	PI/2 BPSK	36	0	24.88	24.83	24.89	25.2	0.5
15	PI/2 BPSK	36	22	25.43	25.39	25.45	25.7	0.0
15	PI/2 BPSK	36	43	24.84	24.80	24.79	25.2	0.5
15	PI/2 BPSK	75	0	24.93	24.99	24.90		
15	QPSK	1	1	25.47	25.52	25.48	25.7	0.0
15	QPSK	1	40	25.48	25.43	25.38		
15	QPSK	1	77	25.33	25.24	25.26		
15	QPSK	36	0	24.37	24.46	24.43	24.7	1.0
15	QPSK	36	22	25.44	25.47	25.43	25.7	0.0
15	QPSK	36	43	24.33	24.27	24.23	24.7	1.0
15	QPSK	75	0	24.48	24.52	24.45		
15	16QAM	1	1	24.26	24.37	24.32	24.7	1.0
15	64QAM	1	1	22.84	22.73	22.82	23.2	2.5
	256QAM	1	1	20.71	20.73	20.66	21.2	4.5
Channel				140800	141500	142200	Tune-up limit	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	25.41	25.46	25.43	25.7	0.0
Channel				140300	141500	142700	Tune-up limit	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	25.32	25.43	25.40	25.7	0.0

n26 Ant0 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI/2 BPSK	1	1	25.34	25.35	25.33	25.7	0.0
20	PI/2 BPSK	1	53	25.25	25.30	25.28		
20	PI/2 BPSK	1	104	25.19	25.11	25.09		
20	PI/2 BPSK	50	0	24.74	24.66	24.76	25.2	0.5
20	PI/2 BPSK	50	28	25.29	25.27	25.36	25.7	0.0
20	PI/2 BPSK	50	56	24.68	24.74	24.73	25.2	0.5
20	PI/2 BPSK	100	0	24.78	24.79	24.79		
20	QPSK	1	1	25.35	25.39	25.37	25.7	0.0
20	QPSK	1	53	25.36	25.33	25.27		
20	QPSK	1	104	25.14	25.14	25.09		
20	QPSK	50	0	24.32	24.28	24.22	24.7	1.0
20	QPSK	50	28	25.29	25.34	25.31	25.7	0.0
20	QPSK	50	56	24.05	24.09	24.09	24.7	1.0
20	QPSK	100	0	24.35	24.36	24.29		
20	16QAM	1	1	24.15	24.19	24.11	24.7	1.0
20	64QAM	1	1	22.59	22.59	22.58	23.2	2.5
20	256QAM	1	1	20.48	20.46	20.53	21.2	4.5
Channel				164300	166300	168300	Tune-up limit	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	25.22	25.24	25.23	25.7	0.0
Channel				163800	166300	168800	Tune-up limit	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	25.30	25.32	25.27	25.7	0.0
Channel				163300	166300	169300	Tune-up limit	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	25.24	25.33	25.33	25.7	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					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		25.24		25.7	0.0
35	π/2 BPSK	1	90		25.14			
35	π/2 BPSK	1	186		25.10			
35	π/2 BPSK	90	0		24.60		25.2	0.5
35	π/2 BPSK	90	45		25.20		25.7	0.0
35	π/2 BPSK	90	90		24.58		25.2	0.5
35	π/2 BPSK	180	0		24.70			
35	QPSK	1	1		25.25		25.7	0.0
35	QPSK	1	90		25.18			
35	QPSK	1	186		25.00			
35	QPSK	90	0		24.16		24.7	1.0
35	QPSK	90	45		25.21		25.7	0.0
35	QPSK	90	90		24.06		24.7	1.0
35	QPSK	180	0		24.23			
35	16QAM	1	1		24.04		24.7	1.0
35	64QAM	1	1		22.54		23.2	2.5
35	256QAM	1	1		20.48		21.2	4.5
Channel				135600	136100	136600	Tune-up limit	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	25.14	25.19	25.10	25.7	0.0
Channel				135100	136100	137100	Tune-up limit	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	25.12	25.10	25.18	25.7	0.0
Channel				134600	136100	137600	Tune-up limit	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	25.18	25.13	25.15	25.7	0.0
Channel				134100	136100	138100	Tune-up limit	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	25.10	25.14	25.17	25.7	0.0
Channel				133600	136100	138600	Tune-up limit	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	25.14	25.15	25.14	25.7	0.0
Channel				133100	136100	139100	Tune-up limit	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	25.15	25.15	25.08	25.7	0.0

n5 Ant1 DSI5

BW [MHz]	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	π/2 BPSK	1	1	20.91	20.93	20.94	21.2	0.0
20	π/2 BPSK	1	53	20.91	20.91	20.86		
20	π/2 BPSK	1	104	20.97	21.02	20.93		
20	π/2 BPSK	50	0	20.93	21.03	20.93	21.2	0.0
20	π/2 BPSK	50	28	20.89	20.98	20.87	21.2	0.0
20	π/2 BPSK	50	56	20.92	20.94	20.87	21.2	0.0
20	π/2 BPSK	100	0	20.97	21.02	20.87		
20	QPSK	1	1	21.00	21.05	20.98	21.2	0.0
20	QPSK	1	53	20.94	20.98	20.86		
20	QPSK	1	104	20.93	20.91	20.94		
20	QPSK	50	0	20.88	20.95	20.85	21.2	0.0
20	QPSK	50	28	20.87	21.01	20.93	21.2	0.0
20	QPSK	50	56	20.96	20.96	20.85	21.2	0.0
20	QPSK	100	0	20.88	20.98	20.85		
20	16QAM	1	1	20.91	20.93	20.87	21.2	0.0
20	64QAM	1	1	20.90	20.94	20.95	21.2	0.0
20	256QAM	1	1	20.89	20.95	20.90	21.2	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.98	21.01	20.94	21.2	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	20.91	20.93	20.90	21.2	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.89	21.01	20.93	21.2	0.0

n12 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	π/2 BPSK	1	1	24.54	24.60	24.52	24.7	0.0
15	π/2 BPSK	1	40	24.48	24.55	24.55		
15	π/2 BPSK	1	77	24.58	24.59	24.56		
15	π/2 BPSK	36	0	24.52	24.65	24.57	24.7	0.0
15	π/2 BPSK	36	22	24.54	24.64	24.47	24.7	0.0
15	π/2 BPSK	36	43	24.51	24.59	24.55	24.7	0.0
15	π/2 BPSK	75	0	24.56	24.57	24.51		
15	QPSK	1	1	24.62	24.68	24.60	24.7	0.0
15	QPSK	1	40	24.50	24.57	24.55		
15	QPSK	1	77	24.56	24.61	24.56		
15	QPSK	36	0	24.58	24.64	24.52	24.7	0.0
15	QPSK	36	22	24.50	24.65	24.57	24.7	0.0
15	QPSK	36	43	24.52	24.58	24.49	24.7	0.0
15	QPSK	75	0	24.54	24.63	24.54		
15	16QAM	1	1	24.54	24.60	24.47	24.7	0.0
15	64QAM	1	1	23.10	23.15	23.16	23.2	1.5
	256QAM	1	1	21.16	21.12	21.05	21.2	3.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	24.52	24.62	24.57	24.7	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	24.60	24.57	24.52	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	π/2 BPSK	1	1	20.41	20.48	20.37	20.7	0.0
20	π/2 BPSK	1	53	20.45	20.42	20.39		
20	π/2 BPSK	1	104	20.41	20.53	20.45		
20	π/2 BPSK	50	0	20.37	20.44	20.35	20.7	0.0
20	π/2 BPSK	50	28	20.39	20.45	20.43	20.7	0.0
20	π/2 BPSK	50	56	20.43	20.45	20.37	20.7	0.0
20	π/2 BPSK	100	0	20.42	20.42	20.39		
20	QPSK	1	1	20.50	20.55	20.48	20.7	0.0
20	QPSK	1	53	20.37	20.52	20.37		
20	QPSK	1	104	20.41	20.46	20.40		
20	QPSK	50	0	20.43	20.51	20.45	20.7	0.0
20	QPSK	50	28	20.40	20.53	20.42	20.7	0.0
20	QPSK	50	56	20.42	20.46	20.41	20.7	0.0
20	QPSK	100	0	20.44	20.52	20.41		
20	16QAM	1	1	20.36	20.46	20.44	20.7	0.0
20	64QAM	1	1	20.38	20.44	20.37	20.7	0.0
20	256QAM	1	1	20.37	20.42	20.40	20.7	0.0
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	20.45	20.44	20.44	20.7	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	20.42	20.52	20.39	20.7	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	20.42	20.50	20.36	20.7	0.0

n71 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					136100			
Frequency (MHz)					680.5			
35	π/2 BPSK	1	1		23.72		24.2	0.0
35	π/2 BPSK	1	90		23.76			
35	π/2 BPSK	1	186		23.70			
35	π/2 BPSK	90	0		23.68		24.2	0.0
35	π/2 BPSK	90	45		23.79		24.2	0.0
35	π/2 BPSK	90	90		23.76		24.2	0.0
35	π/2 BPSK	180	0		23.74			
35	QPSK	1	1		23.83		24.2	0.0
35	QPSK	1	90		23.78			
35	QPSK	1	186		23.71			
35	QPSK	90	0		23.74		24.2	0.0
35	QPSK	90	45		23.80		24.2	0.0
35	QPSK	90	90		23.79		24.2	0.0
35	QPSK	180	0		23.77			
35	16QAM	1	1		23.73		24.2	0.0
35	64QAM	1	1		22.85		23.2	1.0
35	256QAM	1	1		20.80		21.2	3.0
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	23.72	23.78	23.76	24.2	0.0
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	23.59	23.73	23.72	24.2	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	23.67	23.64	23.65	24.2	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.62	23.76	23.65	24.2	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.70	23.72	23.63	24.2	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.67	23.69	23.72	24.2	0.0

n2 Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	18.36	18.27	18.31	19.0	0.0
40	π/2 BPSK	1	108	18.33	18.38	18.27		
40	π/2 BPSK	1	214	18.26	18.37	18.22		
40	π/2 BPSK	108	0	18.34	18.29	18.23	19.0	0.0
40	π/2 BPSK	108	54	18.36	18.33	18.32	19.0	0.0
40	π/2 BPSK	108	108	18.29	18.32	18.26	19.0	0.0
40	π/2 BPSK	216	0	18.24	18.28	18.23		
40	QPSK	1	1	18.38	18.41	18.35	19.0	0.0
40	QPSK	1	108	18.33	18.33	18.21		
40	QPSK	1	214	18.29	18.30	18.32		
40	QPSK	108	0	18.26	18.27	18.32	19.0	0.0
40	QPSK	108	54	18.26	18.38	18.22	19.0	0.0
40	QPSK	108	108	18.24	18.31	18.25	19.0	0.0
40	QPSK	216	0	18.31	18.35	18.32		
40	16QAM	1	1	18.34	18.29	18.30	19.0	0.0
40	64QAM	1	1	18.25	18.30	18.21	19.0	0.0
40	256QAM	1	1	18.27	18.32	18.32	19.0	0.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	18.35	18.35	18.30	19.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.26	18.33	18.32	19.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.25	18.30	18.32	19.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.31	18.30	18.30	19.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.31	18.38	18.21	19.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.27	18.31	18.24	19.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.36	18.29	18.28	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	17.74	17.77	17.64	18.0	0.0
50	π/2 BPSK	1	135	17.75	17.79	17.67		
50	π/2 BPSK	1	268	17.71	17.78	17.64		
50	π/2 BPSK	135	0	17.68	17.72	17.63	18.0	0.0
50	π/2 BPSK	135	68	17.65	17.70	17.70	18.0	0.0
50	π/2 BPSK	135	135	17.74	17.78	17.62	18.0	0.0
50	π/2 BPSK	270	0	17.75	17.72	17.71		
50	QPSK	1	1	17.78	17.83	17.75	18.0	0.0
50	QPSK	1	135	17.72	17.74	17.68		
50	QPSK	1	268	17.70	17.81	17.65		
50	QPSK	135	0	17.74	17.70	17.66	18.0	0.0
50	QPSK	135	68	17.65	17.80	17.64	18.0	0.0
50	QPSK	135	135	17.75	17.73	17.73	18.0	0.0
50	QPSK	270	0	17.72	17.77	17.61		
50	16QAM	1	1	17.75	17.75	17.68	18.0	0.0
50	64QAM	1	1	17.73	17.73	17.66	18.0	0.0
50	256QAM	1	1	17.67	17.74	17.66	18.0	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.66	17.73	17.71	18.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.67	17.71	17.69	18.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.76	17.70	17.64	18.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.70	17.72	17.64	18.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	17.74	17.75	17.71	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.64	17.80	17.61	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.70	17.80	17.71	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.64	17.72	17.67	18.0	0.0

n25 Ant5 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	19.44	19.54	19.39	20.0	0.0
40	π/2 BPSK	1	108	19.45	19.52	19.35		
40	π/2 BPSK	1	214	19.37	19.52	19.46		
40	π/2 BPSK	108	0	19.49	19.48	19.37	20.0	0.0
40	π/2 BPSK	108	54	19.46	19.49	19.37	20.0	0.0
40	π/2 BPSK	108	108	19.44	19.52	19.40	20.0	0.0
40	π/2 BPSK	216	0	19.47	19.50	19.38		
40	QPSK	1	1	19.51	19.56	19.48	20.0	0.0
40	QPSK	1	108	19.43	19.49	19.41		
40	QPSK	1	214	19.39	19.45	19.37		
40	QPSK	108	0	19.41	19.50	19.35	20.0	0.0
40	QPSK	108	54	19.40	19.53	19.42	20.0	0.0
40	QPSK	108	108	19.47	19.49	19.39	20.0	0.0
40	QPSK	216	0	19.48	19.49	19.44		
40	16QAM	1	1	19.37	19.44	19.40	20.0	0.0
40	64QAM	1	1	19.43	19.43	19.34	20.0	0.0
40	256QAM	1	1	19.39	19.45	19.42	20.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.41	19.44	19.45	20.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.49	19.45	19.42	20.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.40	19.51	19.36	20.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.42	19.52	19.36	20.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.49	19.53	19.38	20.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.45	19.44	19.41	20.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.41	19.52	19.35	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	18.16	18.27	18.30	18.7	0.0
45	π/2 BPSK	1	120	18.25	18.24	18.22		
45	π/2 BPSK	1	240	18.20	18.27	18.28		
45	π/2 BPSK	120	0	18.27	18.31	18.19	18.7	0.0
45	π/2 BPSK	120	60	18.20	18.26	18.22	18.7	0.0
45	π/2 BPSK	120	120	18.23	18.21	18.19	18.7	0.0
45	π/2 BPSK	240	0	18.21	18.33	18.23		
45	QPSK	1	1	18.29	18.35	18.32	18.7	0.0
45	QPSK	1	120	18.18	18.22	18.26		
45	QPSK	1	240	18.22	18.23	18.21		
45	QPSK	120	0	18.24	18.30	18.21	18.7	0.0
45	QPSK	120	60	18.15	18.33	18.20	18.7	0.0
45	QPSK	120	120	18.17	18.28	18.19	18.7	0.0
45	QPSK	240	0	18.21	18.30	18.22		
45	16QAM	1	1	18.25	18.28	18.28	18.7	0.0
45	64QAM	1	1	18.15	18.22	18.25	18.7	0.0
45	256QAM	1	1	18.17	18.27	18.20	18.7	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.22	18.30	18.28	18.7	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.21	18.22	18.26	18.7	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.17	18.27	18.25	18.7	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.25	18.30	18.18	18.7	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.21	18.23	18.21	18.7	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.24	18.22	18.24	18.7	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.27	18.23	18.20	18.7	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.23	18.27	18.29	18.7	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	17.7	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	17.33	17.36	17.32		
40	π/2 BPSK	1	53	17.34	17.31	17.31		
40	π/2 BPSK	1	104	17.26	17.32	17.22		
40	π/2 BPSK	50	0	17.25	17.32	17.32	17.7	0.0
40	π/2 BPSK	50	28	17.33	17.40	17.32	17.7	0.0
40	π/2 BPSK	50	56	17.28	17.29	17.30	17.7	0.0
40	π/2 BPSK	100	0	17.35	17.33	17.29		
40	QPSK	1	1	17.38	17.42	17.35	17.7	0.0
40	QPSK	1	53	17.29	17.39	17.31		
40	QPSK	1	104	17.28	17.37	17.28		
40	QPSK	50	0	17.35	17.31	17.23	17.7	0.0
40	QPSK	50	28	17.24	17.39	17.22	17.7	0.0
40	QPSK	50	56	17.25	17.31	17.30	17.7	0.0
40	QPSK	100	0	17.26	17.37	17.22		
40	16QAM	1	1	17.34	17.30	17.32	17.7	0.0
40	64QAM	1	1	17.35	17.33	17.23	17.7	0.0
40	256QAM	1	1	17.31	17.29	17.32	17.7	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.27	17.35	17.24	17.7	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.35	17.35	17.28	17.7	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.26	17.39	17.26	17.7	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.27	17.33	17.22	17.7	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.26	17.33	17.29	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	17.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	17.03	17.00	17.04		
100	π/2 BPSK	1	137	16.98	17.03	17.03		
100	π/2 BPSK	1	271	17.04	17.05	16.92		
100	π/2 BPSK	135	0	17.01	17.01	16.99	17.5	0.0
100	π/2 BPSK	135	69	16.98	17.04	16.97	17.5	0.0
100	π/2 BPSK	135	138	17.06	17.07	17.03	17.5	0.0
100	π/2 BPSK	270	0	16.95	17.01	16.99		
100	QPSK	1	1	17.08	17.11	17.06	17.5	0.0
100	QPSK	1	137	16.94	17.01	17.00		
100	QPSK	1	271	17.03	17.01	16.95		
100	QPSK	135	0	17.03	16.99	17.04	17.5	0.0
100	QPSK	135	69	16.96	17.06	16.99	17.5	0.0
100	QPSK	135	138	17.04	16.98	17.04	17.5	0.0
100	QPSK	270	0	17.02	17.04	17.03		
100	16QAM	1	1	16.95	16.98	16.99	17.5	0.0
100	64QAM	1	1	16.96	16.99	16.95	17.5	0.0
100	256QAM	1	1	16.97	17.02	17.00	17.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.96	17.01	16.97	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	1	17.03	16.98	16.93	17.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.00	17.07	17.02	17.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.02	17.02	17.00	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	1	17.05	16.97	17.03	17.5	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.97	17.08	16.95	17.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.00	17.08	16.93	17.5	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.95	17.01	17.03	17.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.03	17.04	17.01	17.5	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.03	16.99	16.94	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	1	16.95	17.05	16.96	17.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.03	17.01	17.02	17.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.99	17.06	16.94	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				638000	641666	645332	18.0	0.0
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	16.88	17.00	16.83		
40	π/2 BPSK	1	53	16.93	17.02	16.89		
40	π/2 BPSK	1	104	16.90	17.01	16.86		
40	π/2 BPSK	50	0	16.93	16.96	16.92	18.0	0.0
40	π/2 BPSK	50	28	16.85	16.99	16.94	18.0	0.0
40	π/2 BPSK	50	56	16.96	17.03	16.90	18.0	0.0
40	π/2 BPSK	100	0	16.92	16.99	16.88		
40	QPSK	1	1	16.98	17.05	16.96	18.0	0.0
40	QPSK	1	53	16.88	16.97	16.91		
40	QPSK	1	104	16.91	16.97	16.84		
40	QPSK	50	0	16.95	16.94	16.87	18.0	0.0
40	QPSK	50	28	16.93	17.02	16.88	18.0	0.0
40	QPSK	50	56	16.86	16.96	16.87	18.0	0.0
40	QPSK	100	0	16.89	16.98	16.87		
40	16QAM	1	1	16.88	16.97	16.89	18.0	0.0
40	64QAM	1	1	16.89	16.92	16.86	18.0	0.0
40	256QAM	1	1	16.87	16.96	16.91	18.0	0.0
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	16.84	17.02	16.91	18.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	16.89	16.94	16.87	18.0	0.0
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	16.89	17.00	16.91	18.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	16.90	16.91	16.94	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	656000	662000	16.5	0.0
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	16.10	16.20	16.16		
100	π/2 BPSK	1	137	16.13	16.23	16.10		
100	π/2 BPSK	1	271	16.16	16.19	16.14		
100	π/2 BPSK	135	0	16.09	16.16	16.12	16.5	0.0
100	π/2 BPSK	135	69	16.09	16.21	16.11	16.5	0.0
100	π/2 BPSK	135	138	16.09	16.18	16.15	16.5	0.0
100	π/2 BPSK	270	0	16.06	16.21	16.12		
100	QPSK	1	1	16.19	16.25	16.21	16.5	0.0
100	QPSK	1	137	16.10	16.13	16.18		
100	QPSK	1	271	16.06	16.13	16.10		
100	QPSK	135	0	16.16	16.19	16.18	16.5	0.0
100	QPSK	135	69	16.09	16.22	16.10	16.5	0.0
100	QPSK	135	138	16.14	16.12	16.13	16.5	0.0
100	QPSK	270	0	16.14	16.20	16.13		
100	16QAM	1	1	16.06	16.14	16.08	16.5	0.0
100	64QAM	1	1	16.10	16.15	16.11	16.5	0.0
100	256QAM	1	1	16.08	16.13	16.08	16.5	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	16.11	16.19	16.09	16.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.16	16.14	16.13	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	16.10	16.18	16.09	16.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.11	16.22	16.13	16.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	16.09	16.17	16.14	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.11	16.11	16.16	16.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.12	16.16	16.14	16.5	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	16.07	16.16	16.12	16.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.06	16.21	16.16	16.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	16.05	16.14	16.12	16.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	16.07	16.13	16.12	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	19.65	19.72	19.61	20.0	0.0
100	π/2 BPSK	1	137	19.62	19.71	19.61		
100	π/2 BPSK	1	271	19.62	19.71	19.64		
100	π/2 BPSK	135	0	19.56	19.61	19.65	20.0	0.0
100	π/2 BPSK	135	69	19.57	19.66	19.65	20.0	0.0
100	π/2 BPSK	135	138	19.61	19.62	19.63	20.0	0.0
100	π/2 BPSK	270	0	19.53	19.69	19.57		
100	QPSK	1	1	19.70	19.78	19.73	20.0	0.0
100	QPSK	1	137	19.64	19.59	19.72		
100	QPSK	1	271	19.61	19.57	19.59		
100	QPSK	135	0	19.65	19.72	19.72	20.0	0.0
100	QPSK	135	69	19.63	19.76	19.61	20.0	0.0
100	QPSK	135	138	19.69	19.67	19.67	20.0	0.0
100	QPSK	270	0	19.58	19.70	19.65		
100	16QAM	1	1	19.51	19.65	19.60	20.0	0.0
100	64QAM	1	1	19.61	19.61	19.65	20.0	0.0
100	256QAM	1	1	19.59	19.61	19.64	20.0	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.54	19.70	19.66	20.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.61	19.73	19.69	20.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.65	19.62	19.58	20.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.55	19.67	19.60	20.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.59	19.69	19.59	20.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.65	19.64	19.63	20.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.57	19.74	19.63	20.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.54	19.64	19.68	20.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.57	19.68	19.64	20.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.59	19.67	19.67	20.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.65	19.67	19.65	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		15.64		16.5	0.0
100	π/2 BPSK	1	137		15.63			
100	π/2 BPSK	1	271		15.64			
100	π/2 BPSK	135	0		15.56		16.5	0.0
100	π/2 BPSK	135	69		15.62		16.5	0.0
100	π/2 BPSK	135	138		15.55		16.5	0.0
100	π/2 BPSK	270	0		15.58			
100	QPSK	1	1		15.66		16.5	0.0
100	QPSK	1	137		15.55			
100	QPSK	1	271		15.55			
100	QPSK	135	0		15.63		16.5	0.0
100	QPSK	135	69		15.64		16.5	0.0
100	QPSK	135	138		15.59		16.5	0.0
100	QPSK	270	0		15.61			
100	16QAM	1	1		15.58		16.5	0.0
100	64QAM	1	1		15.55		16.5	0.0
100	256QAM	1	1		15.56		16.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.54	15.60	15.58	16.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.43	15.53	15.54	16.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.52	15.58	15.52	16.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.51	15.59	15.48	16.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.52	15.58	15.47	16.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.52	15.51	15.47	16.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.45	15.56	15.57	16.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.53	15.55	15.51	16.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.46	15.58	15.51	16.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.44	15.52	15.51	16.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.44	15.59	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.17		20.0	0.0
100	π/2 BPSK	1	137		19.07			
100	π/2 BPSK	1	271		19.16			
100	π/2 BPSK	135	0		19.10		20.0	0.0
100	π/2 BPSK	135	69		19.18		20.0	0.0
100	π/2 BPSK	135	138		19.00		20.0	0.0
100	π/2 BPSK	270	0		19.07			
100	QPSK	1	1		19.24		20.0	0.0
100	QPSK	1	137		19.06			
100	QPSK	1	271		18.97			
100	QPSK	135	0		19.15		20.0	0.0
100	QPSK	135	69		19.21		20.0	0.0
100	QPSK	135	138		19.20		20.0	0.0
100	QPSK	270	0		19.17			
100	16QAM	1	1		19.08		20.0	0.0
100	64QAM	1	1		19.09		20.0	0.0
100	256QAM	1	1		19.08		20.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.20	19.16	19.10	20.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.19	19.14	19.14	20.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.11	19.09	19.11	20.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.18	19.16	19.20	20.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.17	19.17	19.14	20.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.14	19.17	19.11	20.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.17	19.13	19.11	20.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.11	19.09	19.12	20.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.13	19.14	19.18	20.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.09	19.12	19.14	20.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.20	19.10	19.16	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	π/2 BPSK	1	1		16.17		16.5	0.0
100	π/2 BPSK	1	137		16.14			
100	π/2 BPSK	1	271		16.17			
100	π/2 BPSK	135	0		16.10		16.5	0.0
100	π/2 BPSK	135	69		16.11		16.5	0.0
100	π/2 BPSK	135	138		16.15		16.5	0.0
100	π/2 BPSK	270	0		16.12			
100	QPSK	1	1		16.25		16.5	0.0
100	QPSK	1	137		16.01			
100	QPSK	1	271		16.12			
100	QPSK	135	0		16.18		16.5	0.0
100	QPSK	135	69		16.17		16.5	0.0
100	QPSK	135	138		16.04		16.5	0.0
100	QPSK	270	0		16.14			
100	16QAM	1	1		16.10		16.5	0.0
100	64QAM	1	1		16.03		16.5	0.0
100	256QAM	1	1		16.06		16.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.06	16.18	16.16	16.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.08	16.11	16.13	16.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.10	16.20	16.11	16.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.12	16.14	16.15	16.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.05	16.12	16.14	16.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.07	16.12	16.09	16.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.08	16.20	16.18	16.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.07	16.11	16.14	16.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.13	16.21	16.17	16.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.10	16.14	16.12	16.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.05	16.20	16.13	16.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		19.62		20.0	0.0
100	π/2 BPSK	1	137		19.63			
100	π/2 BPSK	1	271		19.68			
100	π/2 BPSK	135	0		19.64		20.0	0.0
100	π/2 BPSK	135	69		19.57		20.0	0.0
100	π/2 BPSK	135	138		19.66		20.0	0.0
100	π/2 BPSK	270	0		19.67			
100	QPSK	1	1		19.78		20.0	0.0
100	QPSK	1	137		19.57			
100	QPSK	1	271		19.62			
100	QPSK	135	0		19.68		20.0	0.0
100	QPSK	135	69		19.70		20.0	0.0
100	QPSK	135	138		19.52		20.0	0.0
100	QPSK	270	0		19.65			
100	16QAM	1	1		19.57		20.0	0.0
100	64QAM	1	1		19.56		20.0	0.0
100	256QAM	1	1		19.56		20.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.68	19.63	19.65	20.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.70	19.63	19.65	20.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.65	19.71	19.65	20.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.67	19.71	19.71	20.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.68	19.73	19.63	20.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.62	19.72	19.64	20.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.67	19.66	19.65	20.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.64	19.64	19.66	20.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.67	19.63	19.64	20.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.70	19.63	19.71	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.65	19.74	19.67	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		16.10		16.5	0.0
100	π/2 BPSK	1	137		16.09			
100	π/2 BPSK	1	271		16.06			
100	π/2 BPSK	135	0		15.94		16.5	0.0
100	π/2 BPSK	135	69		16.07		16.5	0.0
100	π/2 BPSK	135	138		16.04		16.5	0.0
100	π/2 BPSK	270	0		16.06			
100	QPSK	1	1		16.16		16.5	0.0
100	QPSK	1	137		15.86			
100	QPSK	1	271		16.04			
100	QPSK	135	0		16.04		16.5	0.0
100	QPSK	135	69		16.11		16.5	0.0
100	QPSK	135	138		15.93		16.5	0.0
100	QPSK	270	0		16.00			
100	16QAM	1	1		16.04		16.5	0.0
100	64QAM	1	1		15.94		16.5	0.0
100	256QAM	1	1		15.99		16.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.95	16.06	16.00	16.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.94	16.08	16.03	16.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.99	16.06	16.06	16.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.98	16.02	16.02	16.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.02	16.05	16.03	16.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.97	16.13	16.06	16.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.91	16.14	16.04	16.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.95	16.03	16.04	16.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.99	16.11	16.01	16.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.98	16.13	16.00	16.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.92	16.12	16.10	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.44		20.0	0.0
100	π/2 BPSK	1	137		19.39			
100	π/2 BPSK	1	271		19.42			
100	π/2 BPSK	135	0		19.44		20.0	0.0
100	π/2 BPSK	135	69		19.44		20.0	0.0
100	π/2 BPSK	135	138		19.50		20.0	0.0
100	π/2 BPSK	270	0		19.39			
100	QPSK	1	1		19.55		20.0	0.0
100	QPSK	1	137		19.28			
100	QPSK	1	271		19.42			
100	QPSK	135	0		19.48		20.0	0.0
100	QPSK	135	69		19.50		20.0	0.0
100	QPSK	135	138		19.34		20.0	0.0
100	QPSK	270	0		19.43			
100	16QAM	1	1		19.45		20.0	0.0
100	64QAM	1	1		19.35		20.0	0.0
100	256QAM	1	1		19.34		20.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.43	19.43	19.45	20.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.46	19.44	19.48	20.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.42	19.43	19.49	20.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.49	19.47	19.39	20.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.46	19.44	19.46	20.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.42	19.43	19.41	20.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.49	19.51	19.41	20.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.41	19.50	19.50	20.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.42	19.42	19.45	20.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.40	19.51	19.49	20.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.45	19.40	19.49	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	17.26	17.24	17.26	18.4	0.0
40	π/2 BPSK	1	108	17.20	17.30	17.24		
40	π/2 BPSK	1	214	17.23	17.25	17.28		
40	π/2 BPSK	108	0	17.24	17.25	17.28	18.4	0.0
40	π/2 BPSK	108	54	17.23	17.24	17.28	18.4	0.0
40	π/2 BPSK	108	108	17.29	17.32	17.25	18.4	0.0
40	π/2 BPSK	216	0	17.22	17.31	17.21		
40	QPSK	1	1	17.31	17.38	17.33	18.4	0.0
40	QPSK	1	108	17.21	17.34	17.19		
40	QPSK	1	214	17.23	17.30	17.26		
40	QPSK	108	0	17.28	17.31	17.24	18.4	0.0
40	QPSK	108	54	17.27	17.35	17.22	18.4	0.0
40	QPSK	108	108	17.26	17.28	17.30	18.4	0.0
40	QPSK	216	0	17.21	17.31	17.22		
40	16QAM	1	1	17.20	17.30	17.23	18.4	0.0
40	64QAM	1	1	17.22	17.24	17.29	18.4	0.0
40	256QAM	1	1	16.78	16.85	16.80	17.9	0.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	17.28	17.35	17.28	18.4	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	17.22	17.35	17.30	18.4	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	17.23	17.27	17.24	18.4	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	17.22	17.26	17.31	18.4	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	17.26	17.30	17.23	18.4	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	17.28	17.34	17.25	18.4	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	17.22	17.28	17.22	18.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	16.89	16.88	16.89	17.8	0.0
50	π/2 BPSK	1	135	16.81	16.88	16.89		
50	π/2 BPSK	1	268	16.89	16.95	16.84		
50	π/2 BPSK	135	0	16.80	16.97	16.89	17.8	0.0
50	π/2 BPSK	135	68	16.82	16.90	16.84	17.8	0.0
50	π/2 BPSK	135	135	16.89	16.92	16.84	17.8	0.0
50	π/2 BPSK	270	0	16.87	16.94	16.91		
50	QPSK	1	1	16.92	17.00	16.96	17.8	0.0
50	QPSK	1	135	16.80	16.88	16.92		
50	QPSK	1	268	16.88	16.87	16.85		
50	QPSK	135	0	16.89	16.86	16.84	17.8	0.0
50	QPSK	135	68	16.79	16.96	16.94	17.8	0.0
50	QPSK	135	135	16.83	16.91	16.89	17.8	0.0
50	QPSK	270	0	16.79	16.94	16.89		
50	16QAM	1	1	16.86	16.90	16.86	17.8	0.0
50	64QAM	1	1	16.79	16.92	16.85	17.8	0.0
50	256QAM	1	1	16.78	16.91	16.85	17.8	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.86	16.97	16.92	17.8	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.90	16.88	16.91	17.8	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.83	16.90	16.83	17.8	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.89	16.91	16.91	17.8	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	16.87	16.87	16.92	17.8	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.86	16.96	16.92	17.8	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.81	16.93	16.89	17.8	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.80	16.94	16.92	17.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	15.77	15.82	15.69	16.9	0.0
40	π/2 BPSK	1	108	15.74	15.75	15.74		
40	π/2 BPSK	1	214	15.73	15.77	15.78		
40	π/2 BPSK	108	0	15.80	15.74	15.75	16.9	0.0
40	π/2 BPSK	108	54	15.79	15.74	15.74	16.9	0.0
40	π/2 BPSK	108	108	15.75	15.84	15.69	16.9	0.0
40	π/2 BPSK	216	0	15.71	15.74	15.75		
40	QPSK	1	1	15.83	15.86	15.81	16.9	0.0
40	QPSK	1	108	15.73	15.73	15.77		
40	QPSK	1	214	15.71	15.76	15.78		
40	QPSK	108	0	15.72	15.75	15.78	16.9	0.0
40	QPSK	108	54	15.70	15.83	15.79	16.9	0.0
40	QPSK	108	108	15.81	15.78	15.70	16.9	0.0
40	QPSK	216	0	15.71	15.81	15.67		
40	16QAM	1	1	15.79	15.77	15.72	16.9	0.0
40	64QAM	1	1	15.77	15.75	15.79	16.9	0.0
40	256QAM	1	1	15.76	15.78	15.78	16.9	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	15.70	15.79	15.70	16.9	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	15.81	15.76	15.68	16.9	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	15.69	15.72	15.78	16.9	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	15.72	15.82	15.70	16.9	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	15.77	15.73	15.71	16.9	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	15.70	15.81	15.69	16.9	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	15.69	15.72	15.71	16.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	14.18	14.29	14.13	14.9	0.0
45	π/2 BPSK	1	120	14.19	14.20	14.14		
45	π/2 BPSK	1	240	14.20	14.25	14.20		
45	π/2 BPSK	120	0	14.22	14.29	14.22	14.9	0.0
45	π/2 BPSK	120	60	14.24	14.28	14.16	14.9	0.0
45	π/2 BPSK	120	120	14.24	14.26	14.18	14.9	0.0
45	π/2 BPSK	240	0	14.16	14.30	14.20		
45	QPSK	1	1	14.28	14.34	14.25	14.9	0.0
45	QPSK	1	120	14.15	14.20	14.18		
45	QPSK	1	240	14.20	14.24	14.19		
45	QPSK	120	0	14.15	14.26	14.22	14.9	0.0
45	QPSK	120	60	14.20	14.32	14.16	14.9	0.0
45	QPSK	120	120	14.20	14.31	14.12	14.9	0.0
45	QPSK	240	0	14.25	14.29	14.14		
45	16QAM	1	1	14.24	14.22	14.22	14.9	0.0
45	64QAM	1	1	14.15	14.29	14.14	14.9	0.0
45	256QAM	1	1	14.26	14.28	14.12	14.9	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	14.14	14.26	14.20	14.9	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	14.22	14.23	14.15	14.9	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.19	14.20	14.19	14.9	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	14.20	14.30	14.15	14.9	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	14.25	14.21	14.16	14.9	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.20	14.28	14.11	14.9	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.23	14.27	14.13	14.9	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.23	14.27	14.20	14.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	17.96	17.92	17.88	19.1	0.0
40	π/2 BPSK	1	53	17.95	17.97	17.86		
40	π/2 BPSK	1	104	17.87	18.00	17.84		
40	π/2 BPSK	50	0	17.87	17.94	17.84	19.1	0.0
40	π/2 BPSK	50	28	17.97	17.94	17.89	19.1	0.0
40	π/2 BPSK	50	56	17.93	17.98	17.89	19.1	0.0
40	π/2 BPSK	100	0	17.90	17.91	17.90		
40	QPSK	1	1	18.00	18.05	17.98	19.1	0.0
40	QPSK	1	53	17.86	17.98	17.94		
40	QPSK	1	104	17.96	17.93	17.94		
40	QPSK	50	0	17.89	17.95	17.94	19.1	0.0
40	QPSK	50	28	17.92	18.01	17.90	19.1	0.0
40	QPSK	50	56	17.86	17.93	17.90	19.1	0.0
40	QPSK	100	0	17.98	17.99	17.85		
40	16QAM	1	1	17.98	17.95	17.91	19.1	0.0
40	64QAM	1	1	17.89	17.98	17.85	19.1	0.0
40	256QAM	1	1	17.96	17.97	17.84	19.1	0.0
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.89	17.99	17.96	19.1	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.91	17.97	17.86	19.1	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.98	18.00	17.91	19.1	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.96	17.93	17.92	19.1	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.92	17.97	17.85	19.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	17.05	17.20	17.02	18.3	0.0
100	π/2 BPSK	1	137	17.13	17.16	17.06		
100	π/2 BPSK	1	271	17.11	17.13	17.03		
100	π/2 BPSK	135	0	17.06	17.17	17.11	18.3	0.0
100	π/2 BPSK	135	69	17.14	17.16	17.13	18.3	0.0
100	π/2 BPSK	135	138	17.13	17.12	17.10	18.3	0.0
100	π/2 BPSK	270	0	17.07	17.15	17.08		
100	QPSK	1	1	17.19	17.23	17.15	18.3	0.0
100	QPSK	1	137	17.12	17.17	17.02		
100	QPSK	1	271	17.11	17.15	17.07		
100	QPSK	135	0	17.10	17.15	17.07	18.3	0.0
100	QPSK	135	69	17.16	17.20	17.09	18.3	0.0
100	QPSK	135	138	17.06	17.14	17.12	18.3	0.0
100	QPSK	270	0	17.15	17.19	17.06		
100	16QAM	1	1	17.12	17.15	17.11	18.3	0.0
100	64QAM	1	1	17.17	17.17	17.05	18.3	0.0
100	256QAM	1	1	17.11	17.10	17.05	18.3	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.12	17.19	17.02	18.3	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.08	17.09	17.07	18.3	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.13	17.16	17.12	18.3	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.13	17.13	17.10	18.3	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.07	17.18	17.08	18.3	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	17.12	17.11	17.13	18.3	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.06	17.13	17.02	18.3	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	17.16	17.14	17.07	18.3	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.06	17.17	17.11	18.3	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	17.15	17.10	17.11	18.3	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.09	17.20	17.06	18.3	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	17.09	17.12	17.01	18.3	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.05	17.18	17.05	18.3	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	π/2 BPSK	1	1	18.00	18.11	17.96	18.7	0.0
100	π/2 BPSK	1	137	18.01	18.02	18.04		
100	π/2 BPSK	1	271	18.07	18.04	17.98		
100	π/2 BPSK	135	0	18.01	18.02	18.05	18.7	0.0
100	π/2 BPSK	135	69	17.99	18.12	18.06	18.7	0.0
100	π/2 BPSK	135	138	18.02	18.11	18.00	18.7	0.0
100	π/2 BPSK	270	0	17.97	18.05	17.99		
100	QPSK	1	1	18.10	18.15	18.08	18.7	0.0
100	QPSK	1	137	18.02	18.12	17.97		
100	QPSK	1	271	18.04	18.02	18.01		
100	QPSK	135	0	18.06	18.10	17.96	18.7	0.0
100	QPSK	135	69	18.00	18.12	18.05	18.7	0.0
100	QPSK	135	138	17.97	18.04	18.04	18.7	0.0
100	QPSK	270	0	17.98	18.09	18.05		
100	16QAM	1	1	18.01	18.06	18.04	18.7	0.0
100	64QAM	1	1	18.05	18.05	17.96	18.7	0.0
100	256QAM	1	1	18.05	18.08	18.01	18.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.05	18.10	18.08	18.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.00	18.05	17.97	18.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.95	18.01	17.97	18.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.94	17.98	17.97	18.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.96	18.01	18.05	18.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.02	17.96	18.05	18.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.92	18.03	18.05	18.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.94	18.07	18.06	18.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.00	18.00	17.99	18.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.02	17.99	18.02	18.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.96	17.96	17.99	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	20.94	21.08	20.92	21.7	0.0
100	π/2 BPSK	1	137	20.97	21.05	21.01		
100	π/2 BPSK	1	271	21.10	21.02	21.04		
100	π/2 BPSK	135	0	20.97	21.03	21.03	21.7	0.0
100	π/2 BPSK	135	69	21.02	21.10	21.04	21.7	0.0
100	π/2 BPSK	135	138	21.08	21.09	21.00	21.7	0.0
100	π/2 BPSK	270	0	21.00	21.02	20.97		
100	QPSK	1	1	21.05	21.16	21.09	21.7	0.0
100	QPSK	1	137	21.05	21.09	20.92		
100	QPSK	1	271	21.07	21.02	21.06		
100	QPSK	135	0	21.03	21.10	20.94	21.7	0.0
100	QPSK	135	69	20.97	21.15	21.03	21.7	0.0
100	QPSK	135	138	20.99	21.08	21.02	21.7	0.0
100	QPSK	270	0	20.98	21.10	21.00		
100	16QAM	1	1	21.06	21.04	21.05	21.7	0.0
100	64QAM	1	1	21.06	21.09	20.96	21.7	0.0
100	256QAM	1	1	20.99	21.04	21.00	21.7	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.98	21.10	20.98	21.7	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.92	21.11	20.96	21.7	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.99	21.06	20.93	21.7	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.00	21.07	21.02	21.7	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.01	21.03	20.98	21.7	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.00	21.03	20.99	21.7	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.90	21.03	21.03	21.7	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.99	21.09	21.02	21.7	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.98	21.09	21.00	21.7	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.98	21.02	20.99	21.7	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.01	21.06	21.00	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.99		18.7	0.0
100	π/2 BPSK	1	137		17.96			
100	π/2 BPSK	1	271		17.99			
100	π/2 BPSK	135	0		17.97		18.7	0.0
100	π/2 BPSK	135	69		18.09		18.7	0.0
100	π/2 BPSK	135	138		18.04		18.7	0.0
100	π/2 BPSK	270	0		17.95			
100	QPSK	1	1		18.10		18.7	0.0
100	QPSK	1	137		18.04			
100	QPSK	1	271		17.96			
100	QPSK	135	0		17.98		18.7	0.0
100	QPSK	135	69		18.04		18.7	0.0
100	QPSK	135	138		17.93		18.7	0.0
100	QPSK	270	0		18.01			
100	16QAM	1	1		18.04		18.7	0.0
100	64QAM	1	1		18.04		18.7	0.0
100	256QAM	1	1		18.08		18.7	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.05	18.01	17.97	18.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.95	18.01	18.02	18.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.97	18.01	18.01	18.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.04	18.07	17.96	18.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.97	17.98	18.05	18.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.03	18.04	18.04	18.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.95	18.07	18.03	18.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.01	18.02	18.06	18.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.00	18.00	18.01	18.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.01	18.03	18.07	18.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.97	18.00	18.02	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.05		21.7	0.0
100	π/2 BPSK	1	137		20.97			
100	π/2 BPSK	1	271		21.01			
100	π/2 BPSK	135	0		20.92		21.7	0.0
100	π/2 BPSK	135	69		21.05		21.7	0.0
100	π/2 BPSK	135	138		21.09		21.7	0.0
100	π/2 BPSK	270	0		20.94			
100	QPSK	1	1		21.11		21.7	0.0
100	QPSK	1	137		20.99			
100	QPSK	1	271		20.96			
100	QPSK	135	0		21.03		21.7	0.0
100	QPSK	135	69		21.09		21.7	0.0
100	QPSK	135	138		20.89		21.7	0.0
100	QPSK	270	0		21.00			
100	16QAM	1	1		21.02		21.7	0.0
100	64QAM	1	1		21.08		21.7	0.0
100	256QAM	1	1		21.00		21.7	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.95	20.96	21.01	21.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.00	20.90	20.95	21.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.97	21.00	20.96	21.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.99	20.98	20.89	21.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.93	20.94	20.90	21.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.92	20.99	20.98	21.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.95	20.92	20.90	21.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.96	20.96	20.92	21.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.91	20.91	20.94	21.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.93	20.97	20.94	21.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.97	20.95	20.95	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		17.69		18.6	0.0
100	π/2 BPSK	1	137		17.72			
100	π/2 BPSK	1	271		17.77			
100	π/2 BPSK	135	0		17.71		18.6	0.0
100	π/2 BPSK	135	69		17.74		18.6	0.0
100	π/2 BPSK	135	138		17.78		18.6	0.0
100	π/2 BPSK	270	0		17.74			
100	QPSK	1	1		17.84		18.6	0.0
100	QPSK	1	137		17.77			
100	QPSK	1	271		17.70			
100	QPSK	135	0		17.78		18.6	0.0
100	QPSK	135	69		17.80		18.6	0.0
100	QPSK	135	138		17.77		18.6	0.0
100	QPSK	270	0		17.78			
100	16QAM	1	1		17.67		18.6	0.0
100	64QAM	1	1		17.74		18.6	0.0
100	256QAM	1	1		17.69		18.6	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.72	17.78	17.75	18.6	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.69	17.72	17.72	18.6	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.61	17.70	17.71	18.6	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.62	17.68	17.67	18.6	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.63	17.67	17.63	18.6	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.65	17.66	17.65	18.6	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.65	17.67	17.70	18.6	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.63	17.73	17.66	18.6	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.60	17.74	17.70	18.6	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.70	17.64	17.63	18.6	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.67	17.69	17.65	18.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		20.64		21.6	0.0
100	π/2 BPSK	1	137		20.74			
100	π/2 BPSK	1	271		20.82			
100	π/2 BPSK	135	0		20.69		21.6	0.0
100	π/2 BPSK	135	69		20.72		21.6	0.0
100	π/2 BPSK	135	138		20.82		21.6	0.0
100	π/2 BPSK	270	0		20.79			
100	QPSK	1	1		20.89		21.6	0.0
100	QPSK	1	137		20.75			
100	QPSK	1	271		20.69			
100	QPSK	135	0		20.77		21.6	0.0
100	QPSK	135	69		20.83		21.6	0.0
100	QPSK	135	138		20.76		21.6	0.0
100	QPSK	270	0		20.76			
100	16QAM	1	1		20.70		21.6	0.0
100	64QAM	1	1		20.74		21.6	0.0
100	256QAM	1	1		20.67		21.6	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	20.67	20.67	20.76	21.6	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	20.76	20.72	20.75	21.6	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	20.77	20.73	20.71	21.6	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	20.71	20.66	20.77	21.6	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	20.70	20.73	20.65	21.6	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	20.66	20.65	20.72	21.6	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	20.74	20.70	20.76	21.6	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	20.65	20.70	20.66	21.6	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	20.69	20.69	20.74	21.6	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	20.68	20.72	20.75	21.6	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	20.73	20.77	20.74	21.6	0.0

Part27Q n78 Ant4 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.94		18.6	0.0
100	π/2 BPSK	1	137		17.96			
100	π/2 BPSK	1	271		17.91			
100	π/2 BPSK	135	0		17.86		18.6	0.0
100	π/2 BPSK	135	69		17.94		18.6	0.0
100	π/2 BPSK	135	138		17.93		18.6	0.0
100	π/2 BPSK	270	0		17.90			
100	QPSK	1	1		18.09		18.6	0.0
100	QPSK	1	137		17.94			
100	QPSK	1	271		17.92			
100	QPSK	135	0		17.92		18.6	0.0
100	QPSK	135	69		18.04		18.6	0.0
100	QPSK	135	138		17.91		18.6	0.0
100	QPSK	270	0		18.03			
100	16QAM	1	1		17.83		18.6	0.0
100	64QAM	1	1		17.97		18.6	0.0
100	256QAM	1	1		17.88		18.6	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.88	17.86	17.92	18.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.88	17.87	17.89	18.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.81	17.86	17.91	18.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.82	17.87	17.84	18.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.88	17.91	17.83	18.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.82	17.88	17.86	18.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.84	17.86	17.89	18.6	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.82	17.91	17.83	18.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.79	17.93	17.86	18.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.87	17.93	17.81	18.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.83	17.94	17.83	18.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.90		21.6	0.0
100	π/2 BPSK	1	137		20.97			
100	π/2 BPSK	1	271		20.96			
100	π/2 BPSK	135	0		20.91		21.6	0.0
100	π/2 BPSK	135	69		20.98		21.6	0.0
100	π/2 BPSK	135	138		20.99		21.6	0.0
100	π/2 BPSK	270	0		20.96			
100	QPSK	1	1		21.11		21.6	0.0
100	QPSK	1	137		20.89			
100	QPSK	1	271		20.96			
100	QPSK	135	0		20.89		21.6	0.0
100	QPSK	135	69		20.99		21.6	0.0
100	QPSK	135	138		20.93		21.6	0.0
100	QPSK	270	0		20.98			
100	16QAM	1	1		20.78		21.6	0.0
100	64QAM	1	1		20.94		21.6	0.0
100	256QAM	1	1		20.82		21.6	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.06	21.02	21.01	21.6	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.95	21.04	20.99	21.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.98	20.97	21.03	21.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.06	21.03	20.97	21.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.97	21.04	21.05	21.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.07	20.98	20.98	21.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.96	21.04	20.95	21.6	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.06	20.96	21.00	21.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.06	21.06	21.06	21.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.98	21.01	21.01	21.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.07	21.05	20.98	21.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	20.49	20.43	20.47	21.8	0.0
40	π/2 BPSK	1	108	20.43	20.53	20.48		
40	π/2 BPSK	1	214	20.44	20.49	20.39		
40	π/2 BPSK	108	0	20.48	20.45	20.40	21.8	0.0
40	π/2 BPSK	108	54	20.44	20.49	20.45	21.8	0.0
40	π/2 BPSK	108	108	20.45	20.47	20.41	21.8	0.0
40	π/2 BPSK	216	0	20.47	20.43	20.46		
40	QPSK	1	1	20.44	20.55	20.42	21.8	0.0
40	QPSK	1	108	20.46	20.53	20.37		
40	QPSK	1	214	20.46	20.48	20.42		
40	QPSK	108	0	20.48	20.47	20.46	21.8	0.0
40	QPSK	108	54	20.42	20.49	20.40	21.8	0.0
40	QPSK	108	108	20.48	20.46	20.38	21.8	0.0
40	QPSK	216	0	20.45	20.53	20.38		
40	16QAM	1	1	20.42	20.50	20.38	21.8	0.0
40	64QAM	1	1	19.40	19.53	19.36	20.8	1.0
40	256QAM	1	1	17.45	17.59	17.42	18.8	3.0
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	20.30	20.49	20.27	21.8	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	20.38	20.49	20.32	21.8	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	20.30	20.44	20.31	21.8	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	20.29	20.42	20.28	21.8	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	20.33	20.50	20.35	21.8	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	20.31	20.41	20.30	21.8	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	20.35	20.50	20.32	21.8	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	19.61	19.71	19.49	20.6	0.0
50	π/2 BPSK	1	135	19.70	19.74	19.55		
50	π/2 BPSK	1	268	19.70	19.66	19.57		
50	π/2 BPSK	135	0	19.60	19.73	19.57	20.6	0.0
50	π/2 BPSK	135	68	19.61	19.72	19.49	20.6	0.0
50	π/2 BPSK	135	135	19.63	19.71	19.48	20.6	0.0
50	π/2 BPSK	270	0	19.70	19.71	19.50		
50	QPSK	1	1	19.60	19.82	19.59	20.6	0.0
50	QPSK	1	135	19.67	19.69	19.58		
50	QPSK	1	268	19.67	19.65	19.52		
50	QPSK	135	0	19.62	19.68	19.49	20.6	0.0
50	QPSK	135	68	19.67	19.73	19.54	20.6	0.0
50	QPSK	135	135	19.66	19.65	19.52	20.6	0.0
50	QPSK	270	0	19.65	19.71	19.51		
50	16QAM	1	1	19.65	19.73	19.49	20.6	0.0
50	64QAM	1	1	19.69	19.63	19.55	20.6	0.0
50	256QAM	1	1	19.62	19.73	19.48	20.6	0.0
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.46	19.77	19.51	20.6	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.52	19.69	19.44	20.6	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.51	19.74	19.52	20.6	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.48	19.67	19.49	20.6	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	19.48	19.68	19.54	20.6	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.51	19.73	19.43	20.6	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.48	19.73	19.46	20.6	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.44	19.67	19.45	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	20.53	20.45	20.47	21.8	0.0
40	π/2 BPSK	1	108	20.50	20.60	20.50		
40	π/2 BPSK	1	214	20.53	20.50	20.49		
40	π/2 BPSK	108	0	20.58	20.54	20.45	21.8	0.0
40	π/2 BPSK	108	54	20.55	20.48	20.44	21.8	0.0
40	π/2 BPSK	108	108	20.45	20.55	20.50	21.8	0.0
40	π/2 BPSK	216	0	20.53	20.49	20.55		
40	QPSK	1	1	20.45	20.63	20.46	21.8	0.0
40	QPSK	1	108	20.54	20.62	20.45		
40	QPSK	1	214	20.47	20.55	20.46		
40	QPSK	108	0	20.59	20.53	20.57	21.8	0.0
40	QPSK	108	54	20.43	20.60	20.44	21.8	0.0
40	QPSK	108	108	20.55	20.50	20.41	21.8	0.0
40	QPSK	216	0	20.50	20.62	20.42		
40	16QAM	1	1	20.43	20.49	20.40	21.8	0.0
40	64QAM	1	1	19.40	19.52	19.38	20.8	1.0
40	256QAM	1	1	17.53	17.66	17.44	18.8	3.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	20.32	20.53	20.36	21.8	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	20.30	20.56	20.39	21.8	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	20.36	20.47	20.33	21.8	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	20.30	20.50	20.41	21.8	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	20.39	20.47	20.41	21.8	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	20.35	20.52	20.36	21.8	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	20.36	20.57	20.31	21.8	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	18.27	18.24	18.24	19.2	0.0
45	π/2 BPSK	1	120	18.23	18.32	18.29		
45	π/2 BPSK	1	240	18.22	18.24	18.22		
45	π/2 BPSK	120	0	18.26	18.36	18.22	19.2	0.0
45	π/2 BPSK	120	60	18.27	18.31	18.24	19.2	0.0
45	π/2 BPSK	120	120	18.27	18.26	18.18	19.2	0.0
45	π/2 BPSK	240	0	18.25	18.32	18.27		
45	QPSK	1	1	18.30	18.38	18.20	19.2	0.0
45	QPSK	1	120	18.21	18.24	18.26		
45	QPSK	1	240	18.27	18.26	18.21		
45	QPSK	120	0	18.26	18.35	18.24	19.2	0.0
45	QPSK	120	60	18.23	18.36	18.25	19.2	0.0
45	QPSK	120	120	18.31	18.28	18.19	19.2	0.0
45	QPSK	240	0	18.32	18.33	18.24		
45	16QAM	1	1	18.32	18.31	18.26	19.2	0.0
45	64QAM	1	1	18.28	18.32	18.28	19.2	0.0
45	256QAM	1	1	18.31	18.25	18.25	19.2	0.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.16	18.13	18.13	19.2	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.17	18.11	18.13	19.2	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.16	18.11	18.07	19.2	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.23	18.15	18.04	19.2	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.16	18.12	18.11	19.2	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.21	18.20	18.05	19.2	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.22	18.19	18.07	19.2	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.18	18.14	18.15	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	19.87	19.89	19.87	20.9	0.0
40	π/2 BPSK	1	53	19.93	19.91	19.86		
40	π/2 BPSK	1	104	19.87	19.96	19.93		
40	π/2 BPSK	50	0	19.87	19.97	19.92	20.9	0.0
40	π/2 BPSK	50	28	19.94	19.97	19.88	20.9	0.0
40	π/2 BPSK	50	56	19.91	19.92	19.86	20.9	0.0
40	π/2 BPSK	100	0	19.86	19.96	19.91		
40	QPSK	1	1	19.94	20.01	19.86	20.9	0.0
40	QPSK	1	53	19.93	19.94	19.92		
40	QPSK	1	104	19.87	19.89	19.87		
40	QPSK	50	0	19.89	19.90	19.88	20.9	0.0
40	QPSK	50	28	19.89	19.99	19.87	20.9	0.0
40	QPSK	50	56	19.92	19.98	19.87	20.9	0.0
40	QPSK	100	0	19.95	19.96	19.90		
40	16QAM	1	1	19.90	19.99	19.89	20.9	0.0
40	64QAM	1	1	19.93	19.88	19.86	20.9	0.0
40	256QAM	1	1	19.90	19.92	19.86	20.9	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.86	19.87	19.81	20.9	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.84	19.79	19.81	20.9	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.89	19.82	19.72	20.9	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.79	19.90	19.79	20.9	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.83	19.90	19.70	20.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	19.17	19.26	19.28	20.6	0.0
100	π/2 BPSK	1	137	19.11	19.29	19.16		
100	π/2 BPSK	1	271	19.11	19.24	19.18		
100	π/2 BPSK	135	0	19.12	19.30	19.21	20.6	0.0
100	π/2 BPSK	135	69	19.18	19.29	19.22	20.6	0.0
100	π/2 BPSK	135	138	19.14	19.28	19.16	20.6	0.0
100	π/2 BPSK	270	0	19.18	19.26	19.25		
100	QPSK	1	1	19.12	19.33	19.23	20.6	0.0
100	QPSK	1	137	19.17	19.31	19.21		
100	QPSK	1	271	19.10	19.30	19.22		
100	QPSK	135	0	19.15	19.22	19.22	20.6	0.0
100	QPSK	135	69	19.12	19.32	19.20	20.6	0.0
100	QPSK	135	138	19.11	19.30	19.24	20.6	0.0
100	QPSK	270	0	19.11	19.31	19.23		
100	16QAM	1	1	19.12	19.31	19.22	20.6	0.0
100	64QAM	1	1	19.11	19.29	19.21	20.6	0.0
100	256QAM	1	1	19.19	19.30	19.20	20.6	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.98	19.22	19.17	20.6	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.02	19.28	19.18	20.6	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.00	19.25	19.13	20.6	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.05	19.24	19.17	20.6	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.98	19.26	19.14	20.6	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.04	19.20	19.18	20.6	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.04	19.23	19.12	20.6	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.07	19.21	19.10	20.6	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.06	19.25	19.08	20.6	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.01	19.22	19.13	20.6	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.00	19.28	19.17	20.6	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.01	19.25	19.07	20.6	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.97	19.23	19.09	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	17.25	17.31	17.15	18.7	0.0
100	π/2 BPSK	1	137	17.21	17.27	17.20		
100	π/2 BPSK	1	271	17.14	17.32	17.15		
100	π/2 BPSK	135	0	17.13	17.34	17.16	18.7	0.0
100	π/2 BPSK	135	69	17.23	17.42	17.23	18.7	0.0
100	π/2 BPSK	135	138	17.07	17.44	17.29	18.7	0.0
100	π/2 BPSK	270	0	17.20	17.42	17.27		
100	QPSK	1	1	17.14	17.47	17.23	18.7	0.0
100	QPSK	1	137	17.11	17.32	17.26		
100	QPSK	1	271	17.22	17.29	17.22		
100	QPSK	135	0	17.18	17.31	17.21	18.7	0.0
100	QPSK	135	69	17.07	17.41	17.20	18.7	0.0
100	QPSK	135	138	17.11	17.40	17.22	18.7	0.0
100	QPSK	270	0	17.20	17.27	17.23		
100	16QAM	1	1	17.26	17.34	17.16	18.7	0.0
100	64QAM	1	1	17.11	17.42	17.28	18.7	0.0
100	256QAM	1	1	17.23	17.29	17.20	18.7	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.10	17.29	17.14	18.7	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.09	17.30	17.08	18.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.05	17.30	17.10	18.7	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.01	17.33	17.10	18.7	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.00	17.36	17.11	18.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.08	17.33	17.11	18.7	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.09	17.34	17.12	18.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.01	17.28	17.07	18.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.99	17.30	17.15	18.7	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.08	17.26	17.14	18.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.03	17.27	17.11	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	20.25	20.26	20.20	21.7	0.0
100	π/2 BPSK	1	137	20.17	20.33	20.17		
100	π/2 BPSK	1	271	20.15	20.34	20.18		
100	π/2 BPSK	135	0	20.14	20.29	20.15	21.7	0.0
100	π/2 BPSK	135	69	20.26	20.46	20.23	21.7	0.0
100	π/2 BPSK	135	138	20.12	20.43	20.31	21.7	0.0
100	π/2 BPSK	270	0	20.23	20.45	20.32		
100	QPSK	1	1	20.17	20.50	20.20	21.7	0.0
100	QPSK	1	137	20.13	20.33	20.28		
100	QPSK	1	271	20.25	20.26	20.17		
100	QPSK	135	0	20.12	20.36	20.22	21.7	0.0
100	QPSK	135	69	20.11	20.42	20.17	21.7	0.0
100	QPSK	135	138	20.13	20.35	20.24	21.7	0.0
100	QPSK	270	0	20.20	20.23	20.20		
100	16QAM	1	1	20.21	20.36	20.15	21.7	0.0
100	64QAM	1	1	20.15	20.48	20.33	21.7	0.0
100	256QAM	1	1	19.61	19.94	19.64	21.2	0.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.01	20.36	20.16	21.7	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.11	20.42	20.14	21.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.03	20.38	20.12	21.7	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.05	20.34	20.11	21.7	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.10	20.41	20.15	21.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.07	20.35	20.05	21.7	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.03	20.36	20.11	21.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.12	20.34	20.16	21.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.12	20.39	20.06	21.7	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.10	20.37	20.06	21.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.10	20.38	20.15	21.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.18		18.7	0.0
100	π/2 BPSK	1	137		17.15			
100	π/2 BPSK	1	271		17.21			
100	π/2 BPSK	135	0		17.25		18.7	0.0
100	π/2 BPSK	135	69		17.35		18.7	0.0
100	π/2 BPSK	135	138		17.35		18.7	0.0
100	π/2 BPSK	270	0		17.38			
100	QPSK	1	1		17.39		18.7	0.0
100	QPSK	1	137		17.22			
100	QPSK	1	271		17.21			
100	QPSK	135	0		17.25		18.7	0.0
100	QPSK	135	69		17.35		18.7	0.0
100	QPSK	135	138		17.34		18.7	0.0
100	QPSK	270	0		17.13			
100	16QAM	1	1		17.20		18.7	0.0
100	64QAM	1	1		17.27		18.7	0.0
100	256QAM	1	1		17.21		18.7	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.32	17.27	17.29	18.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.25	17.31	17.27	18.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.27	17.26	17.31	18.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.29	17.32	17.32	18.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.29	17.31	17.27	18.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.32	17.25	17.25	18.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.26	17.24	17.33	18.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.26	17.31	17.24	18.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.34	17.31	17.32	18.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.32	17.31	17.33	18.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.30	17.32	17.30	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.19		21.7	0.0
100	π/2 BPSK	1	137		20.28			
100	π/2 BPSK	1	271		20.19			
100	π/2 BPSK	135	0		20.13		21.7	0.0
100	π/2 BPSK	135	69		20.39		21.7	0.0
100	π/2 BPSK	135	138		20.38		21.7	0.0
100	π/2 BPSK	270	0		20.34			
100	QPSK	1	1		20.41		21.7	0.0
100	QPSK	1	137		20.29			
100	QPSK	1	271		20.16			
100	QPSK	135	0		20.28		21.7	0.0
100	QPSK	135	69		20.30		21.7	0.0
100	QPSK	135	138		20.29		21.7	0.0
100	QPSK	270	0		20.11			
100	16QAM	1	1		20.28		21.7	0.0
100	64QAM	1	1		20.35		21.7	0.0
100	256QAM	1	1		19.83		21.2	0.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.35	20.30	20.27	21.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.33	20.34	20.31	21.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.34	20.27	20.33	21.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.26	20.24	20.28	21.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.30	20.32	20.34	21.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.28	20.27	20.35	21.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.30	20.33	20.34	21.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.32	20.34	20.26	21.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.33	20.25	20.24	21.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.23	20.31	20.28	21.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.29	20.24	20.29	21.7	0.0

Part27O n78 Ant6 DSI5

BW [MHz]	Modulation	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	π/2 BPSK	1	1		16.89		18.2	0.0
100	π/2 BPSK	1	137		16.86			
100	π/2 BPSK	1	271		16.83			
100	π/2 BPSK	135	0		16.94		18.2	0.0
100	π/2 BPSK	135	69		16.93		18.2	0.0
100	π/2 BPSK	135	138		16.90		18.2	0.0
100	π/2 BPSK	270	0		16.93			
100	QPSK	1	1		16.96		18.2	0.0
100	QPSK	1	137		16.84			
100	QPSK	1	271		16.92			
100	QPSK	135	0		16.91		18.2	0.0
100	QPSK	135	69		16.93		18.2	0.0
100	QPSK	135	138		16.92		18.2	0.0
100	QPSK	270	0		16.83			
100	16QAM	1	1		16.84		18.2	0.0
100	64QAM	1	1		16.90		18.2	0.0
100	256QAM	1	1		16.91		18.2	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	16.69	16.72	16.68	18.2	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	16.76	16.80	16.78	18.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	16.75	16.73	16.80	18.2	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	16.75	16.73	16.71	18.2	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	16.73	16.71	16.71	18.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	16.71	16.79	16.71	18.2	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	16.72	16.75	16.78	18.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	16.70	16.73	16.73	18.2	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	16.80	16.70	16.80	18.2	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	16.70	16.69	16.68	18.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	16.71	16.73	16.69	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		19.93		21.2	0.0
100	π/2 BPSK	1	137		19.89			
100	π/2 BPSK	1	271		19.84			
100	π/2 BPSK	135	0		19.92		21.2	0.0
100	π/2 BPSK	135	69		19.99		21.2	0.0
100	π/2 BPSK	135	138		19.84		21.2	0.0
100	π/2 BPSK	270	0		19.97			
100	QPSK	1	1		20.02		21.2	0.0
100	QPSK	1	137		19.89			
100	QPSK	1	271		19.98			
100	QPSK	135	0		19.86		21.2	0.0
100	QPSK	135	69		19.99		21.2	0.0
100	QPSK	135	138		19.98		21.2	0.0
100	QPSK	270	0		19.79			
100	16QAM	1	1		19.79		21.2	0.0
100	64QAM	1	1		19.85		21.2	0.0
100	256QAM	1	1		19.95		21.2	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.96	19.91	19.88	21.2	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.94	19.97	19.90	21.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.95	19.95	19.98	21.2	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.88	19.89	19.95	21.2	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.96	19.96	19.92	21.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.93	19.93	19.92	21.2	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.93	19.94	19.96	21.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.93	19.90	19.92	21.2	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.97	19.98	19.93	21.2	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.89	19.87	19.89	21.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.90	19.98	19.94	21.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		16.75		18.2	0.0
100	π/2 BPSK	1	137		16.81			
100	π/2 BPSK	1	271		16.70			
100	π/2 BPSK	135	0		16.86		18.2	0.0
100	π/2 BPSK	135	69		16.86		18.2	0.0
100	π/2 BPSK	135	138		16.82		18.2	0.0
100	π/2 BPSK	270	0		16.78			
100	QPSK	1	1		16.89		18.2	0.0
100	QPSK	1	137		16.76			
100	QPSK	1	271		16.85			
100	QPSK	135	0		16.81		18.2	0.0
100	QPSK	135	69		16.88		18.2	0.0
100	QPSK	135	138		16.80		18.2	0.0
100	QPSK	270	0		16.78			
100	16QAM	1	1		16.73		18.2	0.0
100	64QAM	1	1		16.83		18.2	0.0
100	256QAM	1	1		16.85		18.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.66	16.64	16.66	18.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.75	16.75	16.75	18.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.70	16.70	16.72	18.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.71	16.73	16.75	18.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.69	16.71	16.74	18.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	16.68	16.67	16.75	18.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.65	16.74	16.76	18.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	16.70	16.69	16.67	18.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.75	16.76	16.73	18.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.64	16.66	16.65	18.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.74	16.68	16.75	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.83		21.2	0.0
100	π/2 BPSK	1	137		19.75			
100	π/2 BPSK	1	271		19.78			
100	π/2 BPSK	135	0		19.82		21.2	0.0
100	π/2 BPSK	135	69		19.86		21.2	0.0
100	π/2 BPSK	135	138		19.77		21.2	0.0
100	π/2 BPSK	270	0		19.82			
100	QPSK	1	1		19.95		21.2	0.0
100	QPSK	1	137		19.84			
100	QPSK	1	271		19.83			
100	QPSK	135	0		19.76		21.2	0.0
100	QPSK	135	69		19.92		21.2	0.0
100	QPSK	135	138		19.88		21.2	0.0
100	QPSK	270	0		19.66			
100	16QAM	1	1		19.64		21.2	0.0
100	64QAM	1	1		19.76		21.2	0.0
100	256QAM	1	1		19.81		21.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.91	19.82	19.80	21.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.84	19.87	19.87	21.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.84	19.85	19.87	21.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.84	19.81	19.89	21.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.83	19.89	19.87	21.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.80	19.88	19.88	21.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.90	19.82	19.82	21.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.82	19.80	19.82	21.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.89	19.88	19.81	21.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.80	19.88	19.90	21.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.89	19.89	19.83	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				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	π/2 BPSK	1	1	19.03	19.10	19.08	20.3	0.0
40	π/2 BPSK	1	108	19.04	19.10	19.05		
40	π/2 BPSK	1	214	18.96	19.07	19.01		
40	π/2 BPSK	108	0	18.98	19.04	19.03	20.3	0.0
40	π/2 BPSK	108	54	18.97	19.10	19.06	20.3	0.0
40	π/2 BPSK	108	108	18.94	19.01	19.06	20.3	0.0
40	π/2 BPSK	216	0	19.01	19.11	19.09		
40	QPSK	1	1	18.99	19.15	18.99	20.3	0.0
40	QPSK	1	108	18.98	19.05	19.10		
40	QPSK	1	214	19.02	19.04	19.06		
40	QPSK	108	0	19.01	19.10	19.03	20.3	0.0
40	QPSK	108	54	18.96	19.11	19.06	20.3	0.0
40	QPSK	108	108	18.95	19.08	19.04		
40	QPSK	216	0	19.04	19.09	19.07	20.3	0.0
40	16QAM	1	1	18.94	19.02	19.05	20.3	0.0
40	64QAM	1	1	17.55	17.59	17.46	18.8	1.5
40	256QAM	1	1	15.44	15.68	15.53	16.8	3.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	18.87	19.11	18.94	20.3	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	18.94	19.00	18.91	20.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	18.94	19.07	18.85	20.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	18.91	19.01	18.93	20.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	18.83	19.03	18.86	20.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	18.91	19.09	18.93	20.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	18.89	19.09	18.86	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	π/2 BPSK	1	1	17.64	17.59	17.60	19.0	0.0
50	π/2 BPSK	1	135	17.68	17.58	17.53		
50	π/2 BPSK	1	268	17.64	17.60	17.60		
50	π/2 BPSK	135	0	17.52	17.65	17.54	19.0	0.0
50	π/2 BPSK	135	68	17.59	17.65	17.62	19.0	0.0
50	π/2 BPSK	135	135	17.55	17.60	17.62	19.0	0.0
50	π/2 BPSK	270	0	17.56	17.74	17.53		
50	QPSK	1	1	17.59	17.81	17.54	19.0	0.0
50	QPSK	1	135	17.57	17.60	17.51		
50	QPSK	1	268	17.61	17.67	17.51		
50	QPSK	135	0	17.51	17.66	17.64	19.0	0.0
50	QPSK	135	68	17.66	17.75	17.57	19.0	0.0
50	QPSK	135	135	17.58	17.72	17.52	19.0	0.0
50	QPSK	270	0	17.53	17.63	17.48		
50	16QAM	1	1	17.60	17.65	17.64	19.0	0.0
50	64QAM	1	1	17.56	17.58	17.65	19.0	0.0
50	256QAM	1	1	17.14	17.20	17.02	18.5	0.5
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.38	17.46	17.39	19.0	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	17.34	17.43	17.38	19.0	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	17.44	17.42	17.34	19.0	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	17.33	17.45	17.41	19.0	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	π/2 BPSK	1	1	17.34	17.41	17.42	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.42	17.49	17.40	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	17.44	17.42	17.36	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.37	17.45	17.36	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376500	379000		
Frequency (MHz)				1870	1882.5	1895		
40	π/2 BPSK	1	1	19.86	19.91	19.85	21.3	0.0
40	π/2 BPSK	1	108	19.79	19.90	19.78		
40	π/2 BPSK	1	214	19.77	19.89	19.85		
40	π/2 BPSK	108	0	19.33	19.46	19.46	20.8	0.5
40	π/2 BPSK	108	54	19.78	19.85	19.86	21.3	0.0
40	π/2 BPSK	108	108	19.44	19.43	19.42	20.8	0.5
40	π/2 BPSK	216	0	19.36	19.46	19.43		
40	QPSK	1	1	19.89	19.94	19.91	21.3	0.0
40	QPSK	1	108	19.81	19.80	19.82		
40	QPSK	1	214	19.82	19.82	19.88		
40	QPSK	108	0	18.90	18.93	18.92	20.3	1.0
40	QPSK	108	54	19.77	19.91	19.88	21.3	0.0
40	QPSK	108	108	18.87	18.89	18.88	20.3	1.0
40	QPSK	216	0	18.90	18.99	18.89		
40	16QAM	1	1	18.88	18.93	18.93	20.3	1.0
40	64QAM	1	1	17.43	17.48	17.46	18.8	2.5
40	256QAM	1	1	15.43	15.39	15.41	16.8	4.5
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	19.78	19.81	19.77	21.3	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	19.77	19.90	19.88	21.3	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	19.78	19.91	19.77	21.3	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	19.86	19.84	19.80	21.3	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	19.80	19.83	19.83	21.3	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	19.83	19.82	19.85	21.3	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	19.86	19.88	19.88	21.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	π/2 BPSK	1	1	17.35	17.46	17.46	18.6	0.0
45	π/2 BPSK	1	120	17.26	17.48	17.37		
45	π/2 BPSK	1	240	17.32	17.43	17.36		
45	π/2 BPSK	120	0	17.28	17.44	17.40	18.6	0.0
45	π/2 BPSK	120	60	17.29	17.49	17.44	18.6	0.0
45	π/2 BPSK	120	120	17.33	17.39	17.40	18.6	0.0
45	π/2 BPSK	240	0	17.27	17.48	17.39		
45	QPSK	1	1	17.27	17.55	17.44	18.6	0.0
45	QPSK	1	120	17.33	17.51	17.42		
45	QPSK	1	240	17.28	17.50	17.42		
45	QPSK	120	0	17.27	17.45	17.42	18.6	0.0
45	QPSK	120	60	17.34	17.49	17.46	18.6	0.0
45	QPSK	120	120	17.33	17.47	17.42	18.6	0.0
45	QPSK	240	0	17.26	17.45	17.40		
45	16QAM	1	1	17.29	17.46	17.45	18.6	0.0
45	64QAM	1	1	17.34	17.49	17.45	18.6	0.0
45	256QAM	1	1	16.28	16.50	16.36	17.6	1.0
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	17.16	17.31	17.29	18.6	0.0
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	17.20	17.34	17.25	18.6	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.18	17.38	17.27	18.6	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.19	17.37	17.29	18.6	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.18	17.31	17.30	18.6	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.25	17.37	17.34	18.6	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.24	17.32	17.28	18.6	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.21	17.38	17.27	18.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	17.24	17.36	17.41	18.7	0.0
40	Pi/2 BPSK	1	53	17.27	17.44	17.41		
40	Pi/2 BPSK	1	104	17.24	17.38	17.38		
40	Pi/2 BPSK	50	0	17.25	17.39	17.32	18.7	0.0
40	Pi/2 BPSK	50	28	17.32	17.39	17.31	18.7	0.0
40	Pi/2 BPSK	50	56	17.25	17.41	17.31	18.7	0.0
40	Pi/2 BPSK	100	0	17.32	17.38	17.34		
40	QPSK	1	1	17.23	17.45	17.31	18.7	0.0
40	QPSK	1	53	17.26	17.43	17.31		
40	QPSK	1	104	17.25	17.38	17.32		
40	QPSK	50	0	17.33	17.41	17.38	18.7	0.0
40	QPSK	50	28	17.26	17.42	17.40	18.7	0.0
40	QPSK	50	56	17.30	17.38	17.37	18.7	0.0
40	QPSK	100	0	17.28	17.41	17.39		
40	16QAM	1	1	17.34	17.42	17.41	18.7	0.0
40	64QAM	1	1	17.23	17.41	17.33	18.7	0.0
40	256QAM	1	1	17.34	17.40	17.37	18.7	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.08	17.22	17.24	18.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.13	17.19	17.23	18.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.17	17.30	17.25	18.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.12	17.21	17.21	18.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.14	17.26	17.20	18.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	18.45	18.51	18.43	20.0	0.0
100	Pi/2 BPSK	1	137	18.51	18.59	18.37		
100	Pi/2 BPSK	1	271	18.49	18.60	18.37		
100	Pi/2 BPSK	135	0	18.49	18.58	18.46	20.0	0.0
100	Pi/2 BPSK	135	69	18.50	18.51	18.46	20.0	0.0
100	Pi/2 BPSK	135	138	18.47	18.58	18.47	20.0	0.0
100	Pi/2 BPSK	270	0	18.52	18.53	18.41		
100	QPSK	1	1	18.53	18.68	18.46	20.0	0.0
100	QPSK	1	137	18.50	18.55	18.36		
100	QPSK	1	271	18.47	18.58	18.46		
100	QPSK	135	0	18.48	18.53	18.41	20.0	0.0
100	QPSK	135	69	18.50	18.65	18.37	20.0	0.0
100	QPSK	135	138	18.50	18.59	18.40	20.0	0.0
100	QPSK	270	0	18.52	18.53	18.42		
100	16QAM	1	1	18.51	18.55	18.38	20.0	0.0
100	64QAM	1	1	18.46	18.56	18.39	20.0	0.0
100	256QAM	1	1	18.51	18.60	18.46	19.0	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.44	18.62	18.41	20.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.39	18.53	18.36	20.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.42	18.61	18.36	20.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.46	18.56	18.38	20.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.45	18.60	18.30	20.0	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.43	18.59	18.38	20.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.48	18.59	18.32	20.0	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.39	18.64	18.39	20.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.47	18.58	18.39	20.0	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.44	18.54	18.33	20.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.48	18.55	18.39	20.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.45	18.59	18.30	20.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.39	18.63	18.40	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	22.40	22.54	22.51	24.0	0.0
40	π/2 BPSK	1	53	22.37	22.51	22.45		
40	π/2 BPSK	1	104	22.38	22.52	22.45		
40	π/2 BPSK	50	0	22.43	22.49	22.46	24.0	0.0
40	π/2 BPSK	50	28	22.35	22.43	22.46	24.0	0.0
40	π/2 BPSK	50	56	22.35	22.52	22.46	24.0	0.0
40	π/2 BPSK	100	0	22.42	22.50	22.49		
40	QPSK	1	1	22.37	22.55	22.42	24.0	0.0
40	QPSK	1	53	22.36	22.46	22.44		
40	QPSK	1	104	22.39	22.49	22.41		
40	QPSK	50	0	22.38	22.50	22.41	24.0	0.0
40	QPSK	50	28	22.36	22.53	22.42	24.0	0.0
40	QPSK	50	56	22.45	22.42	22.40	24.0	0.0
40	QPSK	100	0	22.39	22.51	22.50		
40	16QAM	1	1	22.37	22.43	22.43	24.0	0.0
40	64QAM	1	1	20.92	20.92	20.88	22.5	1.5
40	256QAM	1	1	18.92	18.91	18.96	20.5	3.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	22.33	22.39	22.28	24.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	22.26	22.34	22.35	24.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	22.29	22.40	22.28	24.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	22.28	22.34	22.27	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	22.21	22.29	22.23	22.5	0.0
100	π/2 BPSK	1	137	22.12	22.31	22.21		
100	π/2 BPSK	1	271	22.14	22.20	22.24		
100	π/2 BPSK	135	0	22.13	22.29	22.17	22.5	0.0
100	π/2 BPSK	135	69	22.20	22.21	22.17	22.5	0.0
100	π/2 BPSK	135	138	22.18	22.29	22.18	22.5	0.0
100	π/2 BPSK	270	0	22.19	22.22	22.19		
100	QPSK	1	1	22.11	22.33	22.19	22.5	0.0
100	QPSK	1	137	22.19	22.24	22.25		
100	QPSK	1	271	22.12	22.29	22.18		
100	QPSK	135	0	22.13	22.31	22.25	22.5	0.0
100	QPSK	135	69	22.19	22.32	22.24	22.5	0.0
100	QPSK	135	138	22.19	22.24	22.23	22.5	0.0
100	QPSK	270	0	22.18	22.23	22.22		
100	16QAM	1	1	22.11	22.26	22.19	22.5	0.0
100	64QAM	1	1	22.10	22.25	22.26	22.5	0.0
100	256QAM	1	1	22.15	22.32	22.26	22.5	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.07	22.15	22.08	22.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.98	22.18	22.04	22.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.96	22.26	22.14	22.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.95	22.20	22.14	22.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.98	22.18	22.07	22.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.97	22.15	22.14	22.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.02	22.14	22.04	22.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.04	22.21	22.03	22.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.02	22.15	22.05	22.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.00	22.23	22.05	22.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.04	22.18	22.10	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.71	25.85	25.67	26.0	0.0
100	π/2 BPSK	1	137	25.60	25.86	25.70		
100	π/2 BPSK	1	271	25.58	25.65	25.69		
100	π/2 BPSK	135	0	25.59	25.85	25.68	26.0	0.0
100	π/2 BPSK	135	69	25.70	25.69	25.63	26.0	0.0
100	π/2 BPSK	135	138	25.71	25.74	25.74	26.0	0.0
100	π/2 BPSK	270	0	25.69	25.70	25.70		
100	QPSK	1	1	25.57	25.87	25.70	26.0	0.0
100	QPSK	1	137	25.73	25.77	25.80		
100	QPSK	1	271	25.64	25.81	25.66		
100	QPSK	135	0	25.61	25.76	25.77	26.0	0.0
100	QPSK	135	69	25.70	25.81	25.76	26.0	0.0
100	QPSK	135	138	25.72	25.69	25.76	26.0	0.0
100	QPSK	270	0	25.72	25.77	25.76		
100	16QAM	1	1	25.58	25.70	25.66	26.0	0.0
100	64QAM	1	1	25.56	25.80	25.82	26.0	0.0
100	256QAM	1	1	24.20	24.20	24.30	24.5	1.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.41	25.76	25.57	26.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.47	25.77	25.55	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.48	25.78	25.54	26.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.48	25.73	25.57	26.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.52	25.72	25.60	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.43	25.77	25.60	26.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.41	25.81	25.65	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.51	25.71	25.54	26.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.52	25.75	25.57	26.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.51	25.78	25.61	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.51	25.82	25.59	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.24		22.5	0.0
100	π/2 BPSK	1	137		22.17			
100	π/2 BPSK	1	271		22.07			
100	π/2 BPSK	135	0		22.18		22.5	0.0
100	π/2 BPSK	135	69		22.09		22.5	0.0
100	π/2 BPSK	135	138		22.17		22.5	0.0
100	π/2 BPSK	270	0		22.10			
100	QPSK	1	1		22.26		22.5	0.0
100	QPSK	1	137		22.14			
100	QPSK	1	271		22.24			
100	QPSK	135	0		22.15		22.5	0.0
100	QPSK	135	69		22.19		22.5	0.0
100	QPSK	135	138		22.14		22.5	0.0
100	QPSK	270	0		22.11			
100	16QAM	1	1		22.20		22.5	0.0
100	64QAM	1	1		22.19		22.5	0.0
100	256QAM	1	1		22.17		22.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.18	22.17	22.18	22.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.19	22.18	22.17	22.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.14	22.19	22.12	22.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.16	22.17	22.15	22.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.11	22.11	22.21	22.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.22	22.18	22.16	22.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.13	22.15	22.21	22.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.13	22.13	22.17	22.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.21	22.10	22.12	22.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.13	22.17	22.19	22.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.21	22.10	22.14	22.5	0.0

Part27Q n77 PC2 Ant10 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		25.81		26.0	0.0
100	1/2 BPSK	1	137		25.78			
100	1/2 BPSK	1	271		25.60			
100	1/2 BPSK	135	0		25.70		26.0	0.0
100	1/2 BPSK	135	69		25.57		26.0	0.0
100	1/2 BPSK	135	138		25.63		26.0	0.0
100	1/2 BPSK	270	0		25.57			
100	QPSK	1	1		25.83		26.0	0.0
100	QPSK	1	137		25.67			
100	QPSK	1	271		25.76			
100	QPSK	135	0		25.64		26.0	0.0
100	QPSK	135	69		25.76		26.0	0.0
100	QPSK	135	138		25.59		26.0	0.0
100	QPSK	270	0		25.70			
100	16QAM	1	1		25.60		26.0	0.0
100	64QAM	1	1		25.75		26.0	0.0
100	256QAM	1	1		24.20		24.5	1.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.74	25.68	25.78	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.71	25.77	25.71	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.74	25.73	25.69	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.73	25.70	25.76	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.76	25.68	25.75	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.78	25.75	25.77	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.75	25.78	25.69	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.73	25.78	25.68	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.70	25.70	25.70	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.71	25.72	25.76	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.74	25.73	25.67	26.0	0.0

Part27O n78 Ant10 DSI5

BW [MHz]	Modulation	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	1/2 BPSK	1	1		23.02		23.5	0.0
100	1/2 BPSK	1	137		23.01			
100	1/2 BPSK	1	271		23.09			
100	1/2 BPSK	135	0		23.03		23.5	0.0
100	1/2 BPSK	135	69		23.03		23.5	0.0
100	1/2 BPSK	135	138		23.05		23.5	0.0
100	1/2 BPSK	270	0		23.08			
100	QPSK	1	1		23.15		23.5	0.0
100	QPSK	1	137		23.02			
100	QPSK	1	271		23.06			
100	QPSK	135	0		23.10		23.5	0.0
100	QPSK	135	69		23.13		23.5	0.0
100	QPSK	135	138		23.08		23.5	0.0
100	QPSK	270	0		23.07			
100	16QAM	1	1		23.04		23.5	0.0
100	64QAM	1	1		23.12		23.5	0.0
100	256QAM	1	1		23.08		23.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.94	22.96	22.93	23.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.86	22.94	22.93	23.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.92	22.89	22.91	23.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.87	22.91	22.95	23.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.88	22.90	22.96	23.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.92	22.91	22.94	23.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.98	22.94	22.89	23.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.96	22.94	22.97	23.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.89	22.94	22.92	23.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.97	22.89	22.90	23.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.87	22.88	22.96	23.5	0.0

Part27O n78 PC2 Ant10 DSI5

BW [MHz]	Modulation	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	1/2 BPSK	1	1		26.54		27.0	0.0
100	1/2 BPSK	1	137		26.56			
100	1/2 BPSK	1	271		26.61			
100	1/2 BPSK	135	0		26.56		27.0	0.0
100	1/2 BPSK	135	69		26.59		27.0	0.0
100	1/2 BPSK	135	138		26.54		27.0	0.0
100	1/2 BPSK	270	0		26.60			
100	QPSK	1	1		26.71		27.0	0.0
100	QPSK	1	137		26.48			
100	QPSK	1	271		26.58			
100	QPSK	135	0		26.56		27.0	0.0
100	QPSK	135	69		26.59		27.0	0.0
100	QPSK	135	138		26.55		27.0	0.0
100	QPSK	270	0		26.54			
100	16QAM	1	1		26.59		27.0	0.0
100	64QAM	1	1		26.10		26.5	0.5
100	256QAM	1	1		24.10		24.5	2.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.58	26.60	26.59	27.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.57	26.56	26.57	27.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.58	26.59	26.67	27.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.66	26.67	26.60	27.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.61	26.64	26.67	27.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.59	26.62	26.66	27.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	26.65	26.61	26.60	27.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.64	26.65	26.62	27.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	26.56	26.64	26.64	27.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.58	26.61	26.62	27.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	26.65	26.60	26.64	27.0	0.0

Part27Q n78 Ant10 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	1/2 BPSK	1	1		22.87		23.5	0.0
100	1/2 BPSK	1	137		22.90			
100	1/2 BPSK	1	271		23.00			
100	1/2 BPSK	135	0		22.88		23.5	0.0
100	1/2 BPSK	135	69		22.94		23.5	0.0
100	1/2 BPSK	135	138		22.92		23.5	0.0
100	1/2 BPSK	270	0		22.96			
100	QPSK	1	1		23.10		23.5	0.0
100	QPSK	1	137		22.96			
100	QPSK	1	271		22.95			
100	QPSK	135	0		23.03		23.5	0.0
100	QPSK	135	69		23.04		23.5	0.0
100	QPSK	135	138		22.98		23.5	0.0
100	QPSK	270	0		22.99			
100	16QAM	1	1		22.88		23.5	0.0
100	64QAM	1	1		23.05		23.5	0.0
100	256QAM	1	1		22.97		23.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.95	22.96	22.92	23.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.94	22.86	22.96	23.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.93	22.89	22.92	23.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.86	22.96	22.97	23.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.93	22.94	22.88	23.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.89	22.91	22.92	23.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.93	22.90	22.91	23.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.93	22.89	22.98	23.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.88	22.89	22.95	23.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.90	22.94	22.88	23.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.89	22.89	22.87	23.5	0.0

Part27Q n78 PC2 Ant10 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		26.39		27.0	0.0
100	π/2 BPSK	1	137		26.40			
100	π/2 BPSK	1	271		26.48			
100	π/2 BPSK	135	0		26.32		27.0	0.0
100	π/2 BPSK	135	69		26.46		27.0	0.0
100	π/2 BPSK	135	138		26.41		27.0	0.0
100	π/2 BPSK	270	0		26.45			
100	QPSK	1	1		26.60		27.0	0.0
100	QPSK	1	137		26.52			
100	QPSK	1	271		26.43			
100	QPSK	135	0		26.48		27.0	0.0
100	QPSK	135	69		26.56		27.0	0.0
100	QPSK	135	138		26.52		27.0	0.0
100	QPSK	270	0		26.51			
100	16QAM	1	1		26.40		27.0	0.0
100	64QAM	1	1		26.10		26.5	0.5
100	256QAM	1	1		24.01		24.5	2.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	26.52	26.50	26.53	27.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	26.48	26.52	26.54	27.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	26.49	26.47	26.47	27.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	26.54	26.53	26.49	27.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	26.54	26.46	26.52	27.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	26.54	26.48	26.47	27.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	26.46	26.52	26.45	27.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	26.55	26.53	26.48	27.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	26.45	26.48	26.49	27.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	26.52	26.48	26.53	27.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	26.47	26.54	26.46	27.0	0.0

Full & Default Power Mode_Other PA

n7 Ant5 Default

BW [MHz]	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	21.74	21.71	21.60	22.5	0.0
50	PI/2 BPSK	1	135	21.71	21.72	21.62		
50	PI/2 BPSK	1	268	21.64	21.74	21.58		
50	PI/2 BPSK	135	0	21.33	21.26	21.24	22.0	0.5
50	PI/2 BPSK	135	68	21.74	21.71	21.57	22.5	0.0
50	PI/2 BPSK	135	135	21.31	21.36	21.20	22.0	0.5
50	PI/2 BPSK	270	0	21.32	21.31	21.15		
50	QPSK	1	1	21.77	21.82	21.70	22.5	0.0
50	QPSK	1	135	21.66	21.70	21.57		
50	QPSK	1	268	21.74	21.67	21.65		
50	QPSK	135	0	20.71	20.78	20.73	21.5	1.0
50	QPSK	135	68	21.69	21.76	21.57	22.5	0.0
50	QPSK	135	135	20.77	20.80	20.74	21.5	1.0
50	QPSK	270	0	20.78	20.81	20.64		
50	16QAM	1	1	20.77	20.79	20.76	21.5	1.0
50	64QAM	1	1	19.26	19.27	19.20	20.0	2.5
50	256QAM	1	1	17.24	17.35	17.20	18.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.64	21.69	21.59	22.5	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.68	21.71	21.67	22.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.69	21.75	21.60	22.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.67	21.66	21.67	22.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.69	21.68	21.66	22.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.72	21.75	21.56	22.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.66	21.75	21.67	22.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.73	21.72	21.58	22.5	0.0

n66 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.73	21.68	21.65	22.8	0.0
45	PI/2 BPSK	1	120	21.75	21.72	21.72		
45	PI/2 BPSK	1	240	21.71	21.68	21.70		
45	PI/2 BPSK	120	0	21.28	21.37	21.23	22.3	0.5
45	PI/2 BPSK	120	60	21.74	21.75	21.74	22.8	0.0
45	PI/2 BPSK	120	120	21.29	21.34	21.26	22.3	0.5
45	PI/2 BPSK	240	0	21.28	21.32	21.24		
45	QPSK	1	1	21.79	21.82	21.76	22.8	0.0
45	QPSK	1	120	21.69	21.75	21.72		
45	QPSK	1	240	21.66	21.72	21.70		
45	QPSK	120	0	20.77	20.84	20.71	21.8	1.0
45	QPSK	120	60	21.75	21.78	21.74	22.8	0.0
45	QPSK	120	120	20.80	20.79	20.72	21.8	1.0
45	QPSK	240	0	20.76	20.87	20.73		
45	16QAM	1	1	20.81	20.78	20.75	21.8	1.0
45	64QAM	1	1	19.30	19.37	19.25	20.3	2.5
45	256QAM	1	1	17.25	17.37	17.31	18.3	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.72	21.71	21.64	22.8	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.76	21.79	21.69	22.8	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.67	21.72	21.70	22.8	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.69	21.78	21.67	22.8	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.73	21.77	21.70	22.8	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.76	21.71	21.65	22.8	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.69	21.77	21.73	22.8	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.71	21.71	21.64	22.8	0.0

n38 Ant5 Default

BW [MHz]	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	π/2 BPSK	1	1	21.65	21.70	21.65	22.5	0.0
40	π/2 BPSK	1	53	21.59	21.67	21.65		
40	π/2 BPSK	1	104	21.67	21.71	21.63		
40	π/2 BPSK	50	0	21.24	21.28	21.18	22.0	0.5
40	π/2 BPSK	50	28	21.66	21.65	21.66	22.5	0.0
40	π/2 BPSK	50	56	21.21	21.31	21.23	22.0	0.5
40	π/2 BPSK	100	0	21.17	21.24	21.22		
40	QPSK	1	1	21.71	21.76	21.74	22.5	0.0
40	QPSK	1	53	21.66	21.70	21.66		
40	QPSK	1	104	21.64	21.69	21.64		
40	QPSK	50	0	20.70	20.79	20.70	21.5	1.0
40	QPSK	50	28	21.63	21.72	21.62	22.5	0.0
40	QPSK	50	56	20.65	20.78	20.72	21.5	1.0
40	QPSK	100	0	20.76	20.80	20.68		
40	16QAM	1	1	20.68	20.74	20.73	21.5	1.0
40	64QAM	1	1	19.26	19.24	19.29	20.0	2.5
40	256QAM	1	1	17.18	17.21	17.24	18.0	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.61	21.62	21.61	22.5	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.58	21.73	21.66	22.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.68	21.72	21.63	22.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.68	21.67	21.64	22.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.62	21.71	21.71	22.5	0.0

n41 Ant5 Default

BW [MHz]	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	π/2 BPSK	1	1	21.51	21.50	21.42	22.6	0.0
100	π/2 BPSK	1	137	21.46	21.55	21.52		
100	π/2 BPSK	1	271	21.52	21.56	21.45		
100	π/2 BPSK	135	0	21.09	21.12	21.10	22.1	0.5
100	π/2 BPSK	135	69	21.50	21.49	21.43	22.6	0.0
100	π/2 BPSK	135	138	21.01	21.13	21.06	22.1	0.5
100	π/2 BPSK	270	0	21.12	21.09	21.03		
100	QPSK	1	1	21.57	21.61	21.56	22.6	0.0
100	QPSK	1	137	21.45	21.54	21.51		
100	QPSK	1	271	21.47	21.52	21.47		
100	QPSK	135	0	20.60	20.64	20.55	21.6	1.0
100	QPSK	135	69	21.54	21.57	21.44	22.6	0.0
100	QPSK	135	138	20.62	20.62	20.54	21.6	1.0
100	QPSK	270	0	20.62	20.65	20.57		
100	16QAM	1	1	20.52	20.61	20.52	21.6	1.0
100	64QAM	1	1	19.11	19.07	19.07	20.1	2.5
100	256QAM	1	1	17.08	17.14	17.10	18.1	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	21.43	21.55	21.51	22.6	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.48	21.49	21.45	22.6	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	21.46	21.58	21.47	22.6	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.51	21.56	21.48	22.6	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	21.55	21.59	21.53	22.6	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	21.52	21.50	21.42	22.6	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.43	21.51	21.50	22.6	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	21.45	21.55	21.50	22.6	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	21.47	21.48	21.49	22.6	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	21.48	21.48	21.45	22.6	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	21.43	21.50	21.49	22.6	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.46	21.51	21.46	22.6	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	21.54	21.48	21.44	22.6	0.0

Part27O n77 Ant5 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1	23.78	23.89	23.81	25.3	0.0
100	π/2 BPSK	1	137	23.73	23.90	23.83		
100	π/2 BPSK	1	271	23.76	23.81	23.82		
100	π/2 BPSK	135	0	23.35	23.48	23.41	24.8	0.5
100	π/2 BPSK	135	69	23.76	23.87	23.86	25.3	0.0
100	π/2 BPSK	135	138	23.35	23.50	23.42	24.8	0.5
100	π/2 BPSK	270	0	23.34	23.45	23.48		
100	QPSK	1	1	23.86	23.95	23.93	25.3	0.0
100	QPSK	1	137	23.78	23.85	23.86		
100	QPSK	1	271	23.80	23.82	23.80		
100	QPSK	135	0	22.89	22.94	22.91	24.3	1.0
100	QPSK	135	69	23.83	23.92	23.88	25.3	0.0
100	QPSK	135	138	22.86	22.97	22.89	24.3	1.0
100	QPSK	270	0	22.85	22.98	22.90		
100	16QAM	1	1	22.87	22.93	22.94	24.3	1.0
100	64QAM	1	1	21.32	21.44	21.41	22.8	2.5
100	256QAM	1	1	19.32	19.40	19.42	20.8	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.80	23.88	23.89	25.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.77	23.87	23.81	25.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.72	23.91	23.89	25.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.80	23.84	23.84	25.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.76	23.83	23.81	25.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.81	23.88	23.87	25.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.82	23.88	23.80	25.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.75	23.90	23.86	25.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.79	23.92	23.89	25.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.81	23.91	23.81	25.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.75	23.82	23.84	25.3	0.0

Part27O n77 PC2 Ant5 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1	25.61	25.69	25.60	27.2	0.0
100	π/2 BPSK	1	137	25.65	25.65	25.68		
100	π/2 BPSK	1	271	25.67	25.73	25.63		
100	π/2 BPSK	135	0	25.23	25.32	25.21	26.7	0.5
100	π/2 BPSK	135	69	25.62	25.68	25.62	27.2	0.0
100	π/2 BPSK	135	138	25.17	25.23	25.26	26.7	0.5
100	π/2 BPSK	270	0	25.24	25.26	25.22		
100	QPSK	1	1	25.71	25.78	25.73	27.2	0.0
100	QPSK	1	137	25.60	25.66	25.70		
100	QPSK	1	271	25.65	25.73	25.70		
100	QPSK	135	0	24.66	24.78	24.74	26.2	1.0
100	QPSK	135	69	25.61	25.74	25.70	27.2	0.0
100	QPSK	135	138	24.67	24.76	24.73	26.2	1.0
100	QPSK	270	0	24.65	24.81	24.71		
100	16QAM	1	1	24.77	24.80	24.73	26.2	1.0
100	64QAM	1	1	23.19	23.33	23.18	24.7	2.5
100	256QAM	1	1	21.21	21.24	21.23	22.7	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.65	25.70	25.62	27.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.62	25.71	25.66	27.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.64	25.66	25.61	27.2	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.69	25.68	25.61	27.2	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.67	25.67	25.65	27.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.67	25.76	25.66	27.2	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.62	25.74	25.63	27.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.59	25.73	25.68	27.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.60	25.67	25.67	27.2	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.63	25.71	25.68	27.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.62	25.74	25.66	27.2	0.0

Part27Q n77 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.56		25.3	0.0
100	π/2 BPSK	1	137		23.63			
100	π/2 BPSK	1	271		23.54			
100	π/2 BPSK	135	0		23.19		24.8	0.5
100	π/2 BPSK	135	69		23.62		25.3	0.0
100	π/2 BPSK	135	138		23.19		24.8	0.5
100	π/2 BPSK	270	0		23.09			
100	QPSK	1	1		23.69		25.3	0.0
100	QPSK	1	137		23.50			
100	QPSK	1	271		23.47			
100	QPSK	135	0		22.62		24.3	1.0
100	QPSK	135	69		23.61		25.3	0.0
100	QPSK	135	138		22.72		24.3	1.0
100	QPSK	270	0		22.64			
100	16QAM	1	1		22.67		24.3	1.0
100	64QAM	1	1		21.11		22.8	2.5
100	256QAM	1	1		19.07		20.8	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.54	23.57	23.58	25.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.56	23.59	23.53	25.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.45	23.56	23.63	25.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.52	23.57	23.65	25.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.52	23.56	23.58	25.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.51	23.62	23.58	25.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.46	23.57	23.63	25.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.46	23.55	23.54	25.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.49	23.53	23.55	25.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.52	23.57	23.57	25.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.45	23.60	23.64	25.3	0.0

Part27Q n77 PC2 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.40		27.2	0.0
100	π/2 BPSK	1	137		25.34			
100	π/2 BPSK	1	271		25.51			
100	π/2 BPSK	135	0		25.08		26.7	0.5
100	π/2 BPSK	135	69		25.39		27.2	0.0
100	π/2 BPSK	135	138		25.02		26.7	0.5
100	π/2 BPSK	270	0		25.05			
100	QPSK	1	1		25.54		27.2	0.0
100	QPSK	1	137		25.36			
100	QPSK	1	271		25.51			
100	QPSK	135	0		24.49		26.2	1.0
100	QPSK	135	69		25.51		27.2	0.0
100	QPSK	135	138		24.45		26.2	1.0
100	QPSK	270	0		24.52			
100	16QAM	1	1		24.49		26.2	1.0
100	64QAM	1	1		23.12		24.7	2.5
100	256QAM	1	1		21.01		22.7	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.39	25.41	25.39	27.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.34	25.44	25.35	27.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.42	25.42	25.36	27.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.38	25.49	25.35	27.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.38	25.48	25.31	27.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.41	25.43	25.34	27.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.35	25.43	25.32	27.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.45	25.44	25.33	27.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.45	25.44	25.34	27.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.39	25.42	25.33	27.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.40	25.46	25.40	27.2	0.0

Part27O n78 Ant5 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		23.74		25.0	0.0
100	π/2 BPSK	1	137		23.76			
100	π/2 BPSK	1	271		23.70			
100	π/2 BPSK	135	0		23.32		24.5	0.5
100	π/2 BPSK	135	69		23.75		25.0	0.0
100	π/2 BPSK	135	138		23.30		24.5	0.5
100	π/2 BPSK	270	0		23.33			
100	QPSK	1	1		23.84		25.0	0.0
100	QPSK	1	137		23.80			
100	QPSK	1	271		23.78			
100	QPSK	135	0		22.84		24.0	1.0
100	QPSK	135	69		23.80		25.0	0.0
100	QPSK	135	138		22.82		24.0	1.0
100	QPSK	270	0		22.89			
100	16QAM	1	1		22.84		24.0	1.0
100	64QAM	1	1		21.36		22.5	2.5
100	256QAM	1	1		19.35		20.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.81	23.82	23.78	25.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.69	23.80	23.74	25.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.69	23.74	23.71	25.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.77	23.71	23.66	25.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.73	23.75	23.70	25.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.71	23.78	23.74	25.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.73	23.76	23.70	25.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.70	23.72	23.72	25.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.69	23.79	23.72	25.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.77	23.78	23.66	25.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.75	23.77	23.69	25.0	0.0

Part27O n78 PC2 Ant5 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		25.69		26.7	0.0
100	π/2 BPSK	1	137		25.74			
100	π/2 BPSK	1	271		25.62			
100	π/2 BPSK	135	0		25.33		26.2	0.5
100	π/2 BPSK	135	69		25.67		26.7	0.0
100	π/2 BPSK	135	138		25.21		26.2	0.5
100	π/2 BPSK	270	0		25.22			
100	QPSK	1	1		25.79		26.7	0.0
100	QPSK	1	137		25.76			
100	QPSK	1	271		25.78			
100	QPSK	135	0		24.80		25.7	1.0
100	QPSK	135	69		25.70		26.7	0.0
100	QPSK	135	138		24.81		25.7	1.0
100	QPSK	270	0		24.81			
100	16QAM	1	1		24.84		25.7	1.0
100	64QAM	1	1		23.35		24.2	2.5
100	256QAM	1	1		21.29		22.2	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.73	25.78	25.74	26.7	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.59	25.67	25.61	26.7	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.63	25.68	25.64	26.7	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.64	25.68	25.68	26.7	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.63	25.64	25.61	26.7	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.66	25.75	25.69	26.7	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.70	25.72	25.64	26.7	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.67	25.65	25.65	26.7	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.65	25.64	25.63	26.7	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.69	25.75	25.61	26.7	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.62	25.68	25.72	26.7	0.0

Part27Q n78 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.37		25.0	0.0
100	π/2 BPSK	1	137		23.37			
100	π/2 BPSK	1	271		23.32			
100	π/2 BPSK	135	0		22.93		24.5	0.5
100	π/2 BPSK	135	69		23.43		25.0	0.0
100	π/2 BPSK	135	138		22.92		24.5	0.5
100	π/2 BPSK	270	0		22.98			
100	QPSK	1	1		23.48		25.0	0.0
100	QPSK	1	137		23.41			
100	QPSK	1	271		23.40			
100	QPSK	135	0		22.48		24.0	1.0
100	QPSK	135	69		23.46		25.0	0.0
100	QPSK	135	138		22.50		24.0	1.0
100	QPSK	270	0		22.53			
100	16QAM	1	1		22.47		24.0	1.0
100	64QAM	1	1		20.98		22.5	2.5
100	256QAM	1	1		19.05		20.5	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.46	23.42	23.43	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.42	23.40	23.31	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.40	23.31	23.34	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.42	23.33	23.37	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.32	23.37	23.40	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.35	23.32	23.38	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.35	23.39	23.35	25.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.42	23.28	23.40	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.32	23.35	23.37	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.44	23.37	23.33	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.39	23.30	23.40	25.0	0.0

Part27Q n78 PC2 Ant5 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.38		26.7	0.0
100	π/2 BPSK	1	137		25.35			
100	π/2 BPSK	1	271		25.25			
100	π/2 BPSK	135	0		24.90		26.2	0.5
100	π/2 BPSK	135	69		25.36		26.7	0.0
100	π/2 BPSK	135	138		24.92		26.2	0.5
100	π/2 BPSK	270	0		24.96			
100	QPSK	1	1		25.46		26.7	0.0
100	QPSK	1	137		25.33			
100	QPSK	1	271		25.32			
100	QPSK	135	0		24.45		25.7	1.0
100	QPSK	135	69		25.43		26.7	0.0
100	QPSK	135	138		24.43		25.7	1.0
100	QPSK	270	0		24.52			
100	16QAM	1	1		24.48		25.7	1.0
100	64QAM	1	1		22.96		24.2	2.5
100	256QAM	1	1		20.98		22.2	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.39	25.36	25.42	26.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.31	25.33	25.40	26.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.30	25.23	25.32	26.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.36	25.30	25.38	26.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.34	25.25	25.40	26.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.32	25.29	25.31	26.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.34	25.27	25.33	26.7	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.33	25.32	25.36	26.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.37	25.24	25.39	26.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.29	25.31	25.30	26.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.35	25.28	25.38	26.7	0.0

n7 Ant4 Default

BW [MHz]	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	23.40	23.50	23.43	24.7	0.0
50	PI/2 BPSK	1	135	23.47	23.52	23.38		
50	PI/2 BPSK	1	268	23.40	23.45	23.40		
50	PI/2 BPSK	135	0	23.04	23.12	23.04	24.2	0.5
50	PI/2 BPSK	135	68	23.46	23.46	23.39	24.7	0.0
50	PI/2 BPSK	135	135	23.00	23.14	23.05	24.2	0.5
50	PI/2 BPSK	270	0	22.97	23.13	22.96		
50	QPSK	1	1	23.51	23.58	23.52	24.7	0.0
50	QPSK	1	135	23.44	23.48	23.42		
50	QPSK	1	268	23.42	23.55	23.50		
50	QPSK	135	0	22.55	22.61	22.53	23.7	1.0
50	QPSK	135	68	23.44	23.56	23.41	24.7	0.0
50	QPSK	135	135	22.56	22.54	22.55	23.7	1.0
50	QPSK	270	0	22.55	22.62	22.51		
50	16QAM	1	1	22.54	22.53	22.56	23.7	1.0
50	64QAM	1	1	21.03	21.03	20.98	22.2	2.5
50	256QAM	1	1	18.99	19.06	18.97	20.2	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	23.40	23.54	23.49	24.7	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	23.46	23.53	23.49	24.7	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	23.43	23.50	23.42	24.7	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	23.41	23.48	23.50	24.7	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.41	23.52	23.43	24.7	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.43	23.51	23.39	24.7	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.43	23.55	23.43	24.7	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.43	23.48	23.48	24.7	0.0

n66 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	24.13	24.16	24.05	24.8	0.0
45	PI/2 BPSK	1	120	24.06	24.17	24.08		
45	PI/2 BPSK	1	240	24.07	24.18	24.02		
45	PI/2 BPSK	120	0	23.71	23.66	23.64	24.3	0.5
45	PI/2 BPSK	120	60	24.07	24.13	24.05	24.8	0.0
45	PI/2 BPSK	120	120	23.66	23.76	23.66	24.3	0.5
45	PI/2 BPSK	240	0	23.74	23.67	23.71		
45	QPSK	1	1	24.19	24.22	24.16	24.8	0.0
45	QPSK	1	120	24.16	24.16	24.10		
45	QPSK	1	240	24.10	24.11	24.10		
45	QPSK	120	0	23.21	23.25	23.12	23.8	1.0
45	QPSK	120	60	24.16	24.19	24.11	24.8	0.0
45	QPSK	120	120	23.25	23.18	23.14	23.8	1.0
45	QPSK	240	0	23.20	23.27	23.13		
45	16QAM	1	1	23.16	23.24	23.20	23.8	1.0
45	64QAM	1	1	21.67	21.69	21.64	22.3	2.5
45	256QAM	1	1	19.63	19.72	19.61	20.3	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.08	24.15	24.10	24.8	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.13	24.11	24.04	24.8	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.09	24.18	24.12	24.8	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.06	24.15	24.03	24.8	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.15	24.20	24.13	24.8	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.11	24.18	24.04	24.8	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.05	24.08	24.10	24.8	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.10	24.13	24.12	24.8	0.0

n38 Ant4 Default

BW [MHz]	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	π/2 BPSK	1	1	23.28	23.25	23.18	24.7	0.0
40	π/2 BPSK	1	53	23.31	23.30	23.27		
40	π/2 BPSK	1	104	23.29	23.33	23.22		
40	π/2 BPSK	50	0	22.85	22.85	22.79	24.2	0.5
40	π/2 BPSK	50	28	23.28	23.24	23.25	24.7	0.0
40	π/2 BPSK	50	56	22.87	22.84	22.77	24.2	0.5
40	π/2 BPSK	100	0	22.84	22.88	22.80		
40	QPSK	1	1	23.35	23.36	23.31	24.7	0.0
40	QPSK	1	53	23.32	23.28	23.27		
40	QPSK	1	104	23.24	23.29	23.23		
40	QPSK	50	0	22.32	22.33	22.36	23.7	1.0
40	QPSK	50	28	23.21	23.34	23.21	24.7	0.0
40	QPSK	50	56	22.35	22.32	22.33	23.7	1.0
40	QPSK	100	0	22.34	22.35	22.31		
40	16QAM	1	1	22.38	22.31	22.32	23.7	1.0
40	64QAM	1	1	20.87	20.89	20.81	22.2	2.5
40	256QAM	1	1	18.87	18.81	18.77	20.2	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.31	23.27	23.27	24.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	23.25	23.26	23.22	24.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.32	23.26	23.25	24.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	23.32	23.25	23.24	24.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	23.23	23.28	23.21	24.7	0.0

n41 Ant4 Default

BW [MHz]	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	π/2 BPSK	1	1	23.04	23.21	23.18	24.7	0.0
100	π/2 BPSK	1	137	23.09	23.19	23.20		
100	π/2 BPSK	1	271	23.02	23.12	23.19		
100	π/2 BPSK	135	0	22.68	22.70	22.75	24.2	0.5
100	π/2 BPSK	135	69	23.07	23.14	23.17	24.7	0.0
100	π/2 BPSK	135	138	22.65	22.78	22.75	24.2	0.5
100	π/2 BPSK	270	0	22.62	22.70	22.78		
100	QPSK	1	1	23.16	23.25	23.23	24.7	0.0
100	QPSK	1	137	23.08	23.19	23.17		
100	QPSK	1	271	23.04	23.23	23.18		
100	QPSK	135	0	22.14	22.27	22.24	23.7	1.0
100	QPSK	135	69	23.05	23.20	23.14	24.7	0.0
100	QPSK	135	138	22.22	22.19	22.21	23.7	1.0
100	QPSK	270	0	22.13	22.30	22.22		
100	16QAM	1	1	22.16	22.23	22.28	23.7	1.0
100	64QAM	1	1	20.62	20.76	20.73	22.2	2.5
100	256QAM	1	1	18.62	18.80	18.75	20.2	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.10	23.12	23.11	24.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	23.09	23.22	23.14	24.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.03	23.18	23.18	24.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.08	23.13	23.20	24.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.05	23.12	23.17	24.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	23.03	23.14	23.14	24.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	23.09	23.20	23.18	24.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	23.11	23.15	23.13	24.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.09	23.21	23.18	24.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	23.04	23.11	23.13	24.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.08	23.11	23.17	24.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	23.02	23.21	23.11	24.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	23.05	23.22	23.14	24.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	23.04	23.13	22.97	24.5	0.0
40	π/2 BPSK	1	53	23.03	23.04	22.98		
40	π/2 BPSK	1	104	22.99	23.04	22.94		
40	π/2 BPSK	50	0	22.69	22.64	22.52	24.0	0.5
40	π/2 BPSK	50	28	23.10	23.12	22.99	24.5	0.0
40	π/2 BPSK	50	56	22.69	22.62	22.55	24.0	0.5
40	π/2 BPSK	100	0	22.67	22.63	22.52		
40	QPSK	1	1	23.13	23.16	23.05	24.5	0.0
40	QPSK	1	53	23.05	23.10	22.96		
40	QPSK	1	104	23.02	23.09	23.01		
40	QPSK	50	0	22.15	22.15	21.99	23.5	1.0
40	QPSK	50	28	23.01	23.11	22.97	24.5	0.0
40	QPSK	50	56	22.13	22.17	22.03	23.5	1.0
40	QPSK	100	0	22.17	22.22	22.03		
40	16QAM	1	1	22.17	22.11	22.06	23.5	1.0
40	64QAM	1	1	20.57	20.66	20.59	22.0	2.5
40	256QAM	1	1	18.62	18.71	18.59	20.0	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	23.08	23.07	23.02	24.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	23.06	23.12	22.96	24.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	23.11	23.02	22.91	24.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	23.05	23.11	22.99	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	π/2 BPSK	1	1	25.75	25.82	25.79	26.0	0.0
100	π/2 BPSK	1	137	25.71	25.76	25.78		
100	π/2 BPSK	1	271	25.67	25.74	25.77		
100	π/2 BPSK	135	0	25.35	25.33	25.31	25.5	0.5
100	π/2 BPSK	135	69	25.74	25.77	25.77	26.0	0.0
100	π/2 BPSK	135	138	25.35	25.31	25.32	25.5	0.5
100	π/2 BPSK	270	0	25.30	25.41	25.37		
100	QPSK	1	1	25.80	25.86	25.83	26.0	0.0
100	QPSK	1	137	25.73	25.74	25.78		
100	QPSK	1	271	25.67	25.74	25.78		
100	QPSK	135	0	24.77	24.90	24.77	25.0	1.0
100	QPSK	135	69	25.68	25.83	25.80	26.0	0.0
100	QPSK	135	138	24.83	24.83	24.81	25.0	1.0
100	QPSK	270	0	24.80	24.92	24.84		
100	16QAM	1	1	24.75	24.86	24.87	25.0	1.0
100	64QAM	1	1	23.31	23.31	23.33	23.5	2.5
100	256QAM	1	1	21.35	21.41	21.37	21.5	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.72	25.77	25.72	26.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.70	25.81	25.79	26.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.72	25.78	25.76	26.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.69	25.84	25.73	26.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.75	25.82	25.78	26.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.75	25.75	25.72	26.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.68	25.76	25.69	26.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.74	25.73	25.77	26.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.73	25.75	25.80	26.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.72	25.72	25.75	26.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.76	25.84	25.72	26.0	0.0

Part27O n77 PC2 Ant4 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1	27.74	27.89	27.83	28.5	0.0
100	π/2 BPSK	1	137	27.79	27.78	27.81		
100	π/2 BPSK	1	271	27.68	27.74	27.82		
100	π/2 BPSK	135	0	27.36	27.39	27.37	28.0	0.5
100	π/2 BPSK	135	69	27.75	27.86	27.84	28.5	0.0
100	π/2 BPSK	135	138	27.35	27.35	27.37	28.0	0.5
100	π/2 BPSK	270	0	27.39	27.42	27.45		
100	QPSK	1	1	27.90	27.95	27.91	28.5	0.0
100	QPSK	1	137	27.78	27.75	27.85		
100	QPSK	1	271	27.70	27.74	27.78		
100	QPSK	135	0	26.79	27.00	26.82	27.5	1.0
100	QPSK	135	69	27.69	27.92	27.81	28.5	0.0
100	QPSK	135	138	26.85	26.84	26.90	27.5	1.0
100	QPSK	270	0	26.79	27.00	26.91		
100	16QAM	1	1	26.79	26.86	26.93	27.5	1.0
100	64QAM	1	1	25.36	25.42	25.40	26.0	2.5
100	256QAM	1	1	23.42	23.52	23.41	24.0	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	27.86	27.87	27.80	28.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	27.84	27.83	27.83	28.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	27.78	27.84	27.78	28.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	27.87	27.87	27.80	28.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	27.88	27.87	27.81	28.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	27.77	27.93	27.87	28.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	27.84	27.88	27.86	28.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	27.81	27.85	27.85	28.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	27.81	27.84	27.88	28.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	27.88	27.90	27.78	28.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	27.77	27.90	27.85	28.5	0.0

Part27Q n77 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.48		26.0	0.0
100	π/2 BPSK	1	137		25.43			
100	π/2 BPSK	1	271		25.45			
100	π/2 BPSK	135	0		24.99		25.5	0.5
100	π/2 BPSK	135	69		25.41		26.0	0.0
100	π/2 BPSK	135	138		25.02		25.5	0.5
100	π/2 BPSK	270	0		25.13			
100	QPSK	1	1		25.50		26.0	0.0
100	QPSK	1	137		25.41			
100	QPSK	1	271		25.43			
100	QPSK	135	0		24.58		25.0	1.0
100	QPSK	135	69		25.49		26.0	0.0
100	QPSK	135	138		24.55		25.0	1.0
100	QPSK	270	0		24.66			
100	16QAM	1	1		24.57		25.0	1.0
100	64QAM	1	1		23.03		23.5	2.5
100	256QAM	1	1		21.12		21.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.42	25.45	25.45	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.45	25.47	25.45	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.47	25.47	25.47	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.41	25.42	25.46	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.32	25.33	25.41	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.28	25.36	25.36	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.35	25.40	25.38	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.35	25.37	25.38	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.32	25.38	25.39	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.30	25.36	25.38	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.32	25.41	25.31	26.0	0.0

Part27Q n77 PC2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.53		28.5	0.0
100	π/2 BPSK	1	137		27.49			
100	π/2 BPSK	1	271		27.53			
100	π/2 BPSK	135	0		27.06		28.0	0.5
100	π/2 BPSK	135	69		27.43		28.5	0.0
100	π/2 BPSK	135	138		27.05		28.0	0.5
100	π/2 BPSK	270	0		27.14			
100	QPSK	1	1		27.55		28.5	0.0
100	QPSK	1	137		27.50			
100	QPSK	1	271		27.44			
100	QPSK	135	0		26.60		27.5	1.0
100	QPSK	135	69		27.54		28.5	0.0
100	QPSK	135	138		26.54		27.5	1.0
100	QPSK	270	0		26.69			
100	16QAM	1	1		26.57		27.5	1.0
100	64QAM	1	1		25.11		26.0	2.5
100	256QAM	1	1		23.16		24.0	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.51	27.53	27.49	28.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.44	27.49	27.43	28.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.42	27.45	27.35	28.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.44	27.42	27.46	28.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.39	27.48	27.43	28.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.42	27.51	27.44	28.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.49	27.48	27.38	28.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.45	27.49	27.39	28.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.41	27.41	27.41	28.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.45	27.51	27.41	28.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.47	27.40	27.46	28.5	0.0

Part27O n78 Ant4 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		25.79		26.0	0.0
100	π/2 BPSK	1	137		25.77			
100	π/2 BPSK	1	271		25.75			
100	π/2 BPSK	135	0		25.31		25.5	0.5
100	π/2 BPSK	135	69		25.71		26.0	0.0
100	π/2 BPSK	135	138		25.29		25.5	0.5
100	π/2 BPSK	270	0		25.31			
100	QPSK	1	1		25.82		26.0	0.0
100	QPSK	1	137		25.75			
100	QPSK	1	271		25.77			
100	QPSK	135	0		24.84		25.0	1.0
100	QPSK	135	69		25.78		26.0	0.0
100	QPSK	135	138		24.83		25.0	1.0
100	QPSK	270	0		24.85			
100	16QAM	1	1		24.79		25.0	1.0
100	64QAM	1	1		23.32		23.5	2.5
100	256QAM	1	1		21.27		21.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.70	25.77	25.74	26.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.63	25.72	25.65	26.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.65	25.72	25.63	26.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.58	25.72	25.61	26.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.58	25.66	25.71	26.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.57	25.75	25.69	26.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.57	25.73	25.68	26.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.68	25.65	25.70	26.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.65	25.69	25.63	26.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.64	25.71	25.67	26.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.65	25.67	25.71	26.0	0.0

Part27O n78 PC2 Ant4 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		27.83		28.5	0.0
100	π/2 BPSK	1	137		27.78			
100	π/2 BPSK	1	271		27.77			
100	π/2 BPSK	135	0		27.34		28.0	0.5
100	π/2 BPSK	135	69		27.65		28.5	0.0
100	π/2 BPSK	135	138		27.32		28.0	0.5
100	π/2 BPSK	270	0		27.30			
100	QPSK	1	1		27.85		28.5	0.0
100	QPSK	1	137		27.77			
100	QPSK	1	271		27.79			
100	QPSK	135	0		26.88		27.5	1.0
100	QPSK	135	69		27.83		28.5	0.0
100	QPSK	135	138		26.81		27.5	1.0
100	QPSK	270	0		26.85			
100	16QAM	1	1		26.83		27.5	1.0
100	64QAM	1	1		25.32		26.0	2.5
100	256QAM	1	1		23.30		24.0	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	27.70	27.80	27.80	28.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	27.65	27.71	27.71	28.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	27.56	27.70	27.76	28.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	27.67	27.75	27.69	28.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	27.68	27.71	27.69	28.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	27.65	27.69	27.76	28.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	27.57	27.69	27.75	28.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	27.59	27.69	27.75	28.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	27.63	27.70	27.75	28.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	27.56	27.76	27.69	28.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	27.60	27.77	27.68	28.5	0.0

Part27Q n78 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.56		26.0	0.0
100	π/2 BPSK	1	137		25.60			
100	π/2 BPSK	1	271		25.60			
100	π/2 BPSK	135	0		25.09		25.5	0.5
100	π/2 BPSK	135	69		25.48		26.0	0.0
100	π/2 BPSK	135	138		25.04		25.5	0.5
100	π/2 BPSK	270	0		25.07			
100	QPSK	1	1		25.61		26.0	0.0
100	QPSK	1	137		25.53			
100	QPSK	1	271		25.56			
100	QPSK	135	0		24.68		25.0	1.0
100	QPSK	135	69		25.59		26.0	0.0
100	QPSK	135	138		24.64		25.0	1.0
100	QPSK	270	0		24.61			
100	16QAM	1	1		24.58		25.0	1.0
100	64QAM	1	1		23.11		23.5	2.5
100	256QAM	1	1		21.08		21.5	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.46	25.54	25.56	26.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.42	25.41	25.42	26.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.40	25.51	25.52	26.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.37	25.45	25.44	26.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.39	25.52	25.42	26.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.41	25.44	25.48	26.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.38	25.45	25.44	26.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.36	25.48	25.46	26.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.33	25.51	25.48	26.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.34	25.51	25.52	26.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.41	25.51	25.48	26.0	0.0

Part27Q n78 PC2 Ant4 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		27.54		28.5	0.0
100	π/2 BPSK	1	137		27.46			
100	π/2 BPSK	1	271		27.50			
100	π/2 BPSK	135	0		27.02		28.0	0.5
100	π/2 BPSK	135	69		27.37		28.5	0.0
100	π/2 BPSK	135	138		27.01		28.0	0.5
100	π/2 BPSK	270	0		27.04			
100	QPSK	1	1		27.58		28.5	0.0
100	QPSK	1	137		27.45			
100	QPSK	1	271		27.50			
100	QPSK	135	0		26.60		27.5	1.0
100	QPSK	135	69		27.53		28.5	0.0
100	QPSK	135	138		26.54		27.5	1.0
100	QPSK	270	0		26.53			
100	16QAM	1	1		26.51		27.5	1.0
100	64QAM	1	1		25.00		26.0	2.5
100	256QAM	1	1		22.98		24.0	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	27.34	27.46	27.44	28.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	27.34	27.52	27.46	28.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	27.41	27.54	27.45	28.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	27.34	27.47	27.50	28.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	27.45	27.52	27.51	28.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	27.34	27.52	27.53	28.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	27.40	27.52	27.49	28.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	27.38	27.48	27.47	28.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	27.43	27.52	27.46	28.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	27.35	27.56	27.54	28.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	27.36	27.48	27.49	28.5	0.0

n7 Ant6 Default

BW [MHz]	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	25.17	25.22	25.18	25.5	0.0
50	PI/2 BPSK	1	135	25.17	25.17	25.19		
50	PI/2 BPSK	1	268	25.14	25.15	25.20		
50	PI/2 BPSK	135	0	24.70	24.80	24.71	25.0	0.5
50	PI/2 BPSK	135	68	25.10	25.21	25.13	25.5	0.0
50	PI/2 BPSK	135	135	24.70	24.81	24.78	25.0	0.5
50	PI/2 BPSK	270	0	24.75	24.76	24.71		
50	QPSK	1	1	25.23	25.25	25.22	25.5	0.0
50	QPSK	1	135	25.13	25.11	25.20		
50	QPSK	1	268	25.19	25.13	25.15		
50	QPSK	135	0	24.19	24.26	24.25	24.5	1.0
50	QPSK	135	68	25.14	25.20	25.12	25.5	0.0
50	QPSK	135	135	24.21	24.25	24.20	24.5	1.0
50	QPSK	270	0	24.26	24.27	24.20		
50	16QAM	1	1	24.27	24.24	24.28	24.5	1.0
50	64QAM	1	1	22.77	22.71	22.68	23.0	2.5
50	256QAM	1	1	20.70	20.76	20.77	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.10	25.15	25.15	25.5	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	25.13	25.19	25.13	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.16	25.21	25.12	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.17	25.22	25.09	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	25.12	25.20	25.18	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.15	25.21	25.18	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.19	25.13	25.18	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.16	25.15	25.19	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	24.87	24.96	24.84	25.5	0.0
45	PI/2 BPSK	1	120	24.89	24.92	24.87		
45	PI/2 BPSK	1	240	24.88	24.94	24.96		
45	PI/2 BPSK	120	0	24.41	24.46	24.46	25.0	0.5
45	PI/2 BPSK	120	60	24.89	24.90	24.90	25.5	0.0
45	PI/2 BPSK	120	120	24.48	24.50	24.45	25.0	0.5
45	PI/2 BPSK	240	0	24.44	24.47	24.53		
45	QPSK	1	1	24.93	25.01	24.98	25.5	0.0
45	QPSK	1	120	24.88	24.95	24.88		
45	QPSK	1	240	24.81	24.96	24.94		
45	QPSK	120	0	23.87	23.97	24.02	24.5	1.0
45	QPSK	120	60	24.82	24.97	24.90	25.5	0.0
45	QPSK	120	120	23.92	24.01	23.96	24.5	1.0
45	QPSK	240	0	23.90	24.04	24.01		
45	16QAM	1	1	23.95	23.99	23.93	24.5	1.0
45	64QAM	1	1	22.41	22.50	22.54	23.0	2.5
45	256QAM	1	1	20.40	20.51	20.52	21.0	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.80	24.96	24.85	25.5	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.80	24.91	24.95	25.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.88	24.95	24.94	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.84	24.95	24.86	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.80	24.90	24.89	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.87	24.89	24.90	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.85	24.93	24.93	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.89	24.98	24.87	25.5	0.0

n38 Ant6 Default

BW [MHz]	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	π/2 BPSK	1	1	24.98	24.99	24.96	25.5	0.0
40	π/2 BPSK	1	53	25.03	25.00	24.96		
40	π/2 BPSK	1	104	24.96	25.05	24.95		
40	π/2 BPSK	50	0	24.56	24.55	24.54	25.0	0.5
40	π/2 BPSK	50	28	24.96	25.02	24.99	25.5	0.0
40	π/2 BPSK	50	56	24.59	24.61	24.51	25.0	0.5
40	π/2 BPSK	100	0	24.59	24.60	24.53		
40	QPSK	1	1	25.08	25.10	25.06	25.5	0.0
40	QPSK	1	53	24.99	24.99	24.98		
40	QPSK	1	104	25.01	25.07	25.00		
40	QPSK	50	0	24.10	24.07	24.05	24.5	1.0
40	QPSK	50	28	25.03	25.07	24.96	25.5	0.0
40	QPSK	50	56	24.07	24.11	24.01	24.5	1.0
40	QPSK	100	0	24.12	24.13	24.10		
40	16QAM	1	1	24.05	24.09	24.06	24.5	1.0
40	64QAM	1	1	22.59	22.62	22.52	23.0	2.5
40	256QAM	1	1	20.64	20.60	20.51	21.0	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	25.05	25.07	25.02	25.5	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	25.05	24.98	25.02	25.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.99	25.02	25.01	25.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	25.02	25.04	25.02	25.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	25.02	24.97	24.97	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	π/2 BPSK	1	1	24.93	24.93	24.87	25.5	0.0
100	π/2 BPSK	1	137	25.04	24.91	24.96		
100	π/2 BPSK	1	271	24.93	24.98	24.92		
100	π/2 BPSK	135	0	24.55	24.49	24.48	25.0	0.5
100	π/2 BPSK	135	69	24.97	25.00	24.94	25.5	0.0
100	π/2 BPSK	135	138	24.53	24.54	24.46	25.0	0.5
100	π/2 BPSK	270	0	24.61	24.54	24.51		
100	QPSK	1	1	25.09	25.13	24.97	25.5	0.0
100	QPSK	1	137	24.90	24.94	24.96		
100	QPSK	1	271	24.93	25.04	24.99		
100	QPSK	135	0	24.04	24.02	24.06	24.5	1.0
100	QPSK	135	69	24.98	25.09	24.93	25.5	0.0
100	QPSK	135	138	24.05	24.06	23.92	24.5	1.0
100	QPSK	270	0	24.11	24.16	24.06		
100	16QAM	1	1	24.01	24.11	24.06	24.5	1.0
100	64QAM	1	1	22.56	22.63	22.54	23.0	2.5
100	256QAM	1	1	20.63	20.56	20.49	21.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.04	25.05	24.93	25.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.05	25.00	24.91	25.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.02	25.01	24.91	25.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.98	25.10	24.87	25.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.03	25.07	24.86	25.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	25.02	25.07	24.92	25.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.00	25.06	24.94	25.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.97	25.08	24.87	25.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.02	24.99	24.88	25.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.98	25.07	24.93	25.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.06	25.05	24.92	25.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.97	25.01	24.89	25.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.06	25.01	24.89	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	22.04	22.02	22.05	23.6	0.0
40	π/2 BPSK	1	53	22.07	22.10	22.01		
40	π/2 BPSK	1	104	22.01	22.04	22.03		
40	π/2 BPSK	50	0	21.62	21.65	21.60	23.1	0.5
40	π/2 BPSK	50	28	22.05	22.01	21.94	23.6	0.0
40	π/2 BPSK	50	56	21.57	21.62	21.61	23.1	0.5
40	π/2 BPSK	100	0	21.61	21.68	21.59		
40	QPSK	1	1	22.09	22.15	22.08	23.6	0.0
40	QPSK	1	53	21.97	22.03	21.99		
40	QPSK	1	104	22.03	22.11	22.03		
40	QPSK	50	0	21.13	21.21	21.04	22.6	1.0
40	QPSK	50	28	22.00	22.11	22.03	23.6	0.0
40	QPSK	50	56	21.09	21.14	21.06	22.6	1.0
40	QPSK	100	0	21.11	21.18	21.06		
40	16QAM	1	1	21.04	21.15	21.13	22.6	1.0
40	64QAM	1	1	19.63	19.67	19.59	21.1	2.5
40	256QAM	1	1	17.62	17.68	17.60	19.1	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.95	22.01	22.02	23.6	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.98	22.07	21.94	23.6	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.95	22.13	21.97	23.6	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.98	22.03	22.03	23.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	23.97	24.09	23.83	25.3	0.0
100	π/2 BPSK	1	137	23.99	24.12	23.92		
100	π/2 BPSK	1	271	23.97	24.01	23.91		
100	π/2 BPSK	135	0	23.48	23.65	23.43	24.8	0.5
100	π/2 BPSK	135	69	23.97	24.07	23.91	25.3	0.0
100	π/2 BPSK	135	138	23.54	23.69	23.50	24.8	0.5
100	π/2 BPSK	270	0	23.58	23.70	23.47		
100	QPSK	1	1	24.04	24.15	23.95	25.3	0.0
100	QPSK	1	137	23.99	24.06	23.91		
100	QPSK	1	271	23.95	24.08	23.90		
100	QPSK	135	0	23.05	23.17	22.96	24.3	1.0
100	QPSK	135	69	24.02	24.13	23.86	25.3	0.0
100	QPSK	135	138	23.04	23.15	22.90	24.3	1.0
100	QPSK	270	0	23.10	23.19	23.00		
100	16QAM	1	1	23.07	23.16	22.93	24.3	1.0
100	64QAM	1	1	21.59	21.70	21.40	22.8	2.5
100	256QAM	1	1	19.51	19.61	19.50	20.8	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.91	24.02	23.90	25.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.99	24.11	23.92	25.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.95	24.10	23.90	25.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.98	24.09	23.86	25.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.92	24.02	23.86	25.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.91	24.10	23.82	25.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.93	24.07	23.87	25.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.98	24.06	23.82	25.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.99	24.06	23.88	25.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.00	24.11	23.88	25.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.91	24.11	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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.97	26.08	25.77	27.3	0.0
100	π/2 BPSK	1	137	25.97	26.08	25.96		
100	π/2 BPSK	1	271	26.01	26.07	25.90		
100	π/2 BPSK	135	0	25.45	25.61	25.41	26.8	0.5
100	π/2 BPSK	135	69	26.00	26.10	25.93	27.3	0.0
100	π/2 BPSK	135	138	25.60	25.63	25.53	26.8	0.5
100	π/2 BPSK	270	0	25.56	25.72	25.42		
100	QPSK	1	1	25.98	26.17	25.99	27.3	0.0
100	QPSK	1	137	26.04	26.11	25.86		
100	QPSK	1	271	25.97	26.12	25.93		
100	QPSK	135	0	25.02	25.17	24.96	26.3	1.0
100	QPSK	135	69	26.00	26.14	25.91	27.3	0.0
100	QPSK	135	138	25.08	25.16	24.85	26.3	1.0
100	QPSK	270	0	25.05	25.15	25.06		
100	16QAM	1	1	25.09	25.13	24.98	26.3	1.0
100	64QAM	1	1	23.64	23.69	23.37	24.8	2.5
100	256QAM	1	1	21.52	21.66	21.44	22.8	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.95	26.07	25.91	27.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.92	26.09	25.91	27.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.88	26.06	25.94	27.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.87	26.05	25.88	27.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.87	26.04	25.93	27.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.93	26.08	25.95	27.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.93	26.05	25.88	27.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.94	26.04	25.90	27.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.94	26.09	25.87	27.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.88	26.07	25.91	27.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.95	26.04	25.85	27.3	0.0

Part27Q n77 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.58		25.3	0.0
100	π/2 BPSK	1	137		23.58			
100	π/2 BPSK	1	271		23.50			
100	π/2 BPSK	135	0		23.17		24.8	0.5
100	π/2 BPSK	135	69		23.57		25.3	0.0
100	π/2 BPSK	135	138		23.15		24.8	0.5
100	π/2 BPSK	270	0		23.15			
100	QPSK	1	1		23.65		25.3	0.0
100	QPSK	1	137		23.52			
100	QPSK	1	271		23.52			
100	QPSK	135	0		22.59		24.3	1.0
100	QPSK	135	69		23.62		25.3	0.0
100	QPSK	135	138		22.72		24.3	1.0
100	QPSK	270	0		22.62			
100	16QAM	1	1		22.67		24.3	1.0
100	64QAM	1	1		21.17		22.8	2.5
100	256QAM	1	1		19.08		20.8	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.56	23.54	23.52	25.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.58	23.57	23.50	25.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.58	23.51	23.57	25.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.56	23.52	23.54	25.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.53	23.60	23.60	25.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.56	23.49	23.51	25.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.51	23.57	23.58	25.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.59	23.54	23.56	25.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.56	23.52	23.55	25.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.61	23.56	23.50	25.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.57	23.54	23.53	25.3	0.0

Part27Q n77 PC2 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.64		27.3	0.0
100	π/2 BPSK	1	137		25.57			
100	π/2 BPSK	1	271		25.61			
100	π/2 BPSK	135	0		25.06		26.8	0.5
100	π/2 BPSK	135	69		25.54		27.3	0.0
100	π/2 BPSK	135	138		25.16		26.8	0.5
100	π/2 BPSK	270	0		25.18			
100	QPSK	1	1		25.66		27.3	0.0
100	QPSK	1	137		25.65			
100	QPSK	1	271		25.57			
100	QPSK	135	0		24.72		26.3	1.0
100	QPSK	135	69		25.61		27.3	0.0
100	QPSK	135	138		24.69		26.3	1.0
100	QPSK	270	0		24.65			
100	16QAM	1	1		24.64		26.3	1.0
100	64QAM	1	1		23.21		24.8	2.5
100	256QAM	1	1		21.21		22.8	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.59	25.51	25.58	27.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.51	25.54	25.62	27.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.60	25.62	25.54	27.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.62	25.57	25.56	27.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.58	25.53	25.58	27.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.61	25.59	25.58	27.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.59	25.61	25.57	27.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.61	25.53	25.59	27.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.53	25.55	25.60	27.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.61	25.56	25.53	27.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.56	25.59	25.51	27.3	0.0

Part27O n78 Ant6 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		24.07		25.3	0.0
100	π/2 BPSK	1	137		24.06			
100	π/2 BPSK	1	271		24.00			
100	π/2 BPSK	135	0		23.64		24.8	0.5
100	π/2 BPSK	135	69		24.04		25.3	0.0
100	π/2 BPSK	135	138		23.63		24.8	0.5
100	π/2 BPSK	270	0		23.67			
100	QPSK	1	1		24.17		25.3	0.0
100	QPSK	1	137		23.98			
100	QPSK	1	271		24.01			
100	QPSK	135	0		23.12		24.3	1.0
100	QPSK	135	69		24.09		25.3	0.0
100	QPSK	135	138		23.23		24.3	1.0
100	QPSK	270	0		23.08			
100	16QAM	1	1		23.18		24.3	1.0
100	64QAM	1	1		21.71		22.8	2.5
100	256QAM	1	1		19.57		20.8	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.03	24.01	24.11	25.3	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.09	24.12	24.09	25.3	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.11	24.07	24.12	25.3	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.12	24.02	24.06	25.3	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.02	24.05	24.07	25.3	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.06	24.13	24.02	25.3	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.10	24.08	24.02	25.3	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.01	24.01	24.13	25.3	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.11	24.02	24.03	25.3	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.06	24.02	24.10	25.3	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.06	24.10	24.04	25.3	0.0

Part27O n78 PC2 Ant6 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		26.05		27.2	0.0
100	π/2 BPSK	1	137		26.05			
100	π/2 BPSK	1	271		26.02			
100	π/2 BPSK	135	0		25.53		26.7	0.5
100	π/2 BPSK	135	69		26.06		27.2	0.0
100	π/2 BPSK	135	138		25.49		26.7	0.5
100	π/2 BPSK	270	0		25.60			
100	QPSK	1	1		26.13		27.2	0.0
100	QPSK	1	137		26.09			
100	QPSK	1	271		26.10			
100	QPSK	135	0		24.93		26.2	1.0
100	QPSK	135	69		25.98		27.2	0.0
100	QPSK	135	138		24.98		26.2	1.0
100	QPSK	270	0		24.98			
100	16QAM	1	1		24.96		26.2	1.0
100	64QAM	1	1		22.91		24.7	2.5
100	256QAM	1	1		20.77		22.7	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.07	25.98	26.05	27.2	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.06	26.07	26.05	27.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.09	26.04	26.01	27.2	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.06	26.08	26.01	27.2	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.08	26.03	26.00	27.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.04	25.98	26.08	27.2	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.98	26.01	25.99	27.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.00	26.07	26.04	27.2	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.98	25.97	25.97	27.2	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.05	26.03	25.97	27.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.98	26.09	26.04	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.54		25.3	0.0
100	π/2 BPSK	1	137		23.60			
100	π/2 BPSK	1	271		23.54			
100	π/2 BPSK	135	0		23.10		24.8	0.5
100	π/2 BPSK	135	69		23.51		25.3	0.0
100	π/2 BPSK	135	138		23.17		24.8	0.5
100	π/2 BPSK	270	0		23.21			
100	QPSK	1	1		23.72		25.3	0.0
100	QPSK	1	137		23.53			
100	QPSK	1	271		23.45			
100	QPSK	135	0		22.67		24.3	1.0
100	QPSK	135	69		23.61		25.3	0.0
100	QPSK	135	138		22.72		24.3	1.0
100	QPSK	270	0		22.57			
100	16QAM	1	1		22.64		24.3	1.0
100	64QAM	1	1		21.21		22.8	2.5
100	256QAM	1	1		19.12		20.8	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.66	23.56	23.58	25.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.56	23.67	23.62	25.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.57	23.58	23.62	25.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.62	23.65	23.56	25.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.57	23.59	23.58	25.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.57	23.67	23.57	25.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.67	23.64	23.57	25.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.58	23.63	23.57	25.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.67	23.63	23.61	25.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.61	23.59	23.62	25.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.62	23.63	23.58	25.3	0.0

Part27Q n78 PC2 Ant6 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.50		27.2	0.0
100	π/2 BPSK	1	137		25.51			
100	π/2 BPSK	1	271		25.49			
100	π/2 BPSK	135	0		25.04		26.7	0.5
100	π/2 BPSK	135	69		25.50		27.2	0.0
100	π/2 BPSK	135	138		24.99		26.7	0.5
100	π/2 BPSK	270	0		25.12			
100	QPSK	1	1		25.69		27.2	0.0
100	QPSK	1	137		25.64			
100	QPSK	1	271		25.65			
100	QPSK	135	0		24.46		26.2	1.0
100	QPSK	135	69		25.49		27.2	0.0
100	QPSK	135	138		24.43		26.2	1.0
100	QPSK	270	0		24.62			
100	16QAM	1	1		24.48		26.2	1.0
100	64QAM	1	1		23.16		24.7	2.5
100	256QAM	1	1		21.14		22.7	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.63	25.60	25.59	27.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.60	25.62	25.62	27.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.59	25.57	25.57	27.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.57	25.63	25.62	27.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.64	25.58	25.61	27.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.56	25.61	25.56	27.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.58	25.55	25.54	27.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.63	25.65	25.57	27.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.65	25.60	25.62	27.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.55	25.61	25.61	27.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.60	25.57	25.62	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	22.64	22.62	22.52	23.8	0.0
50	PI/2 BPSK	1	135	22.65	22.66	22.54		
50	PI/2 BPSK	1	268	22.53	22.57	22.47		
50	PI/2 BPSK	135	0	22.21	22.15	22.15	23.3	0.5
50	PI/2 BPSK	135	68	22.68	22.63	22.42	23.8	0.0
50	PI/2 BPSK	135	135	22.16	22.21	22.09	23.3	0.5
50	PI/2 BPSK	270	0	22.22	22.17	22.01		
50	QPSK	1	1	22.68	22.75	22.71	23.8	0.0
50	QPSK	1	135	22.51	22.62	22.44		
50	QPSK	1	268	22.69	22.61	22.57		
50	QPSK	135	0	21.58	21.63	21.59	22.8	1.0
50	QPSK	135	68	22.57	22.69	22.43	23.8	0.0
50	QPSK	135	135	21.70	21.68	21.64	22.8	1.0
50	QPSK	270	0	21.71	21.73	21.52		
50	16QAM	1	1	21.66	21.70	21.64	22.8	1.0
50	64QAM	1	1	20.19	20.19	20.08	21.3	2.5
50	256QAM	1	1	18.18	18.20	18.10	19.3	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	22.63	22.68	22.62	23.8	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	22.56	22.68	22.57	23.8	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.63	22.59	22.59	23.8	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.55	22.66	22.59	23.8	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.54	22.63	22.63	23.8	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.55	22.60	22.58	23.8	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.57	22.60	22.63	23.8	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.60	22.67	22.56	23.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.89	21.91	21.85	23.2	0.0
45	PI/2 BPSK	1	120	21.98	22.00	21.84		
45	PI/2 BPSK	1	240	21.86	21.85	21.77		
45	PI/2 BPSK	120	0	21.51	21.41	21.47	22.7	0.5
45	PI/2 BPSK	120	60	21.96	21.92	21.76	23.2	0.0
45	PI/2 BPSK	120	120	21.44	21.57	21.38	22.7	0.5
45	PI/2 BPSK	240	0	21.52	21.52	21.26		
45	QPSK	1	1	22.02	22.08	22.05	23.2	0.0
45	QPSK	1	120	21.80	21.87	21.77		
45	QPSK	1	240	22.04	21.86	21.86		
45	QPSK	120	0	20.91	20.97	20.94	22.2	1.0
45	QPSK	120	60	21.83	21.98	21.68	23.2	0.0
45	QPSK	120	120	20.99	21.00	20.91	22.2	1.0
45	QPSK	240	0	20.91	20.97	20.77		
45	16QAM	1	1	20.94	20.98	20.96	22.2	1.0
45	64QAM	1	1	19.55	19.55	19.42	20.7	2.5
45	256QAM	1	1	17.49	17.44	17.43	18.7	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.93	22.00	21.98	23.2	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.93	21.98	22.00	23.2	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.92	21.99	21.98	23.2	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.88	21.95	21.93	23.2	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.96	22.03	21.95	23.2	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.93	21.98	21.99	23.2	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.93	22.01	21.98	23.2	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.95	21.97	21.93	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	22.58	22.66	22.46	23.6	0.0
40	Pi/2 BPSK	1	53	22.65	22.62	22.50		
40	Pi/2 BPSK	1	104	22.54	22.62	22.47		
40	Pi/2 BPSK	50	0	22.18	22.12	22.17	23.1	0.5
40	Pi/2 BPSK	50	28	22.62	22.58	22.44	23.6	0.0
40	Pi/2 BPSK	50	56	22.14	22.25	22.06	23.1	0.5
40	Pi/2 BPSK	100	0	22.22	22.19	21.96		
40	QPSK	1	1	22.73	22.78	22.75	23.6	0.0
40	QPSK	1	53	22.56	22.64	22.43		
40	QPSK	1	104	22.69	22.58	22.55		
40	QPSK	50	0	21.60	21.60	21.54	22.6	1.0
40	QPSK	50	28	22.56	22.68	22.41	23.6	0.0
40	QPSK	50	56	21.72	21.70	21.69	22.6	1.0
40	QPSK	100	0	21.66	21.75	21.55		
40	16QAM	1	1	21.62	21.66	21.62	22.6	1.0
40	64QAM	1	1	20.24	20.14	20.12	21.1	2.5
40	256QAM	1	1	18.22	18.20	18.10	19.1	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.60	22.66	22.63	23.6	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	22.67	22.72	22.60	23.6	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	22.58	22.63	22.61	23.6	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	22.66	22.65	22.60	23.6	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	22.61	22.64	22.70	23.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	22.63	22.67	22.43	23.7	0.0
100	Pi/2 BPSK	1	137	22.59	22.57	22.55		
100	Pi/2 BPSK	1	271	22.54	22.61	22.51		
100	Pi/2 BPSK	135	0	22.16	22.09	22.12	23.2	0.5
100	Pi/2 BPSK	135	69	22.57	22.61	22.47	23.7	0.0
100	Pi/2 BPSK	135	138	22.10	22.22	22.10	23.2	0.5
100	Pi/2 BPSK	270	0	22.21	22.24	21.96		
100	QPSK	1	1	22.67	22.79	22.72	23.7	0.0
100	QPSK	1	137	22.54	22.67	22.43		
100	QPSK	1	271	22.72	22.63	22.54		
100	QPSK	135	0	21.56	21.59	21.58	22.7	1.0
100	QPSK	135	69	22.50	22.63	22.45	23.7	0.0
100	QPSK	135	138	21.72	21.76	21.64	22.7	1.0
100	QPSK	270	0	21.70	21.77	21.59		
100	16QAM	1	1	21.63	21.68	21.65	22.7	1.0
100	64QAM	1	1	20.20	20.14	20.12	21.2	2.5
100	256QAM	1	1	18.18	18.15	18.12	19.2	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	22.34	22.51	22.44	23.7	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	22.39	22.49	22.48	23.7	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.37	22.43	22.45	23.7	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.43	22.45	22.48	23.7	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.31	22.52	22.41	23.7	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	22.36	22.53	22.37	23.7	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.40	22.46	22.38	23.7	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	22.43	22.45	22.40	23.7	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.36	22.50	22.38	23.7	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	22.33	22.44	22.39	23.7	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.42	22.44	22.46	23.7	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.42	22.52	22.37	23.7	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.40	22.49	22.40	23.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	23.83	23.96	23.75	25.7	0.0
100	π/2 BPSK	1	137	23.92	23.98	23.78		
100	π/2 BPSK	1	271	23.89	23.95	23.81		
100	π/2 BPSK	135	0	23.36	23.61	23.39	25.2	0.5
100	π/2 BPSK	135	69	23.86	23.92	23.87	25.7	0.0
100	π/2 BPSK	135	138	23.42	23.57	23.40	25.2	0.5
100	π/2 BPSK	270	0	23.43	23.55	23.42		
100	QPSK	1	1	23.72	24.13	24.06	25.7	0.0
100	QPSK	1	137	23.95	23.91	23.83		
100	QPSK	1	271	23.84	23.94	23.80		
100	QPSK	135	0	22.91	23.05	22.91	24.7	1.0
100	QPSK	135	69	23.96	23.98	23.75	25.7	0.0
100	QPSK	135	138	23.00	23.04	22.79	24.7	1.0
100	QPSK	270	0	22.98	23.07	22.92		
100	16QAM	1	1	22.96	23.10	22.82	24.7	1.0
100	64QAM	1	1	21.51	21.58	21.35	23.2	2.5
100	256QAM	1	1	19.47	19.56	19.34	21.2	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.93	23.99	23.94	25.7	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.90	24.00	23.91	25.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.97	24.02	23.95	25.7	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.94	24.05	23.99	25.7	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.98	24.03	24.00	25.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.95	24.09	23.91	25.7	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.91	24.09	23.94	25.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.93	24.07	24.00	25.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.97	24.05	23.98	25.7	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.96	24.05	23.92	25.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.98	24.03	23.93	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.95	25.98	25.96	27.5	0.0
100	π/2 BPSK	1	137	25.92	25.99	25.88		
100	π/2 BPSK	1	271	25.95	26.07	25.84		
100	π/2 BPSK	135	0	25.35	25.53	25.36	27.0	0.5
100	π/2 BPSK	135	69	25.99	26.02	25.83	27.5	0.0
100	π/2 BPSK	135	138	25.51	25.58	25.53	27.0	0.5
100	π/2 BPSK	270	0	25.45	25.71	25.36		
100	QPSK	1	1	25.91	26.16	26.11	27.5	0.0
100	QPSK	1	137	26.02	26.05	25.82		
100	QPSK	1	271	25.92	26.12	25.86		
100	QPSK	135	0	25.01	25.10	24.93	26.5	1.0
100	QPSK	135	69	26.00	26.04	25.84	27.5	0.0
100	QPSK	135	138	24.98	25.08	24.76	26.5	1.0
100	QPSK	270	0	25.00	25.07	24.96		
100	16QAM	1	1	25.03	25.11	24.93	26.5	1.0
100	64QAM	1	1	23.64	23.68	23.35	25.0	2.5
100	256QAM	1	1	21.52	21.61	21.37	23.0	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.86	26.00	25.96	27.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.86	26.12	26.01	27.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.81	26.10	25.96	27.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.84	26.00	25.96	27.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.80	26.07	25.95	27.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.76	26.11	25.99	27.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.80	26.06	26.00	27.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.78	26.12	26.00	27.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.79	26.09	25.96	27.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.81	26.05	26.00	27.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.76	26.01	26.02	27.5	0.0

Part27Q n77 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.79		25.7	0.0
100	π/2 BPSK	1	137		23.76			
100	π/2 BPSK	1	271		23.78			
100	π/2 BPSK	135	0		23.37		25.2	0.5
100	π/2 BPSK	135	69		23.71		25.7	0.0
100	π/2 BPSK	135	138		23.33		25.2	0.5
100	π/2 BPSK	270	0		23.38			
100	QPSK	1	1		23.94		25.7	0.0
100	QPSK	1	137		23.72			
100	QPSK	1	271		23.74			
100	QPSK	135	0		22.86		24.7	1.0
100	QPSK	135	69		23.81		25.7	0.0
100	QPSK	135	138		22.79		24.7	1.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.95		24.7	1.0
100	64QAM	1	1		21.33		23.2	2.5
100	256QAM	1	1		19.39		21.2	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.78	23.89	23.81	25.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.78	23.83	23.84	25.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.83	23.86	23.78	25.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.83	23.85	23.89	25.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.85	23.84	23.83	25.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.85	23.82	23.84	25.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.81	23.87	23.78	25.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.82	23.78	23.81	25.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.82	23.83	23.89	25.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.87	23.83	23.88	25.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.87	23.82	23.81	25.7	0.0

Part27Q n77 PC2 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.76		27.5	0.0
100	π/2 BPSK	1	137		25.75			
100	π/2 BPSK	1	271		25.84			
100	π/2 BPSK	135	0		25.36		27.0	0.5
100	π/2 BPSK	135	69		25.77		27.5	0.0
100	π/2 BPSK	135	138		25.42		27.0	0.5
100	π/2 BPSK	270	0		25.50			
100	QPSK	1	1		25.88		27.5	0.0
100	QPSK	1	137		25.81			
100	QPSK	1	271		25.82			
100	QPSK	135	0		24.96		26.5	1.0
100	QPSK	135	69		25.83		27.5	0.0
100	QPSK	135	138		24.85		26.5	1.0
100	QPSK	270	0		24.85			
100	16QAM	1	1		24.86		26.5	1.0
100	64QAM	1	1		23.45		25.0	2.5
100	256QAM	1	1		21.40		23.0	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.72	25.81	25.78	27.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.82	25.77	25.76	27.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.81	25.78	25.80	27.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.81	25.80	25.78	27.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.76	25.73	25.79	27.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.82	25.77	25.80	27.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.75	25.81	25.70	27.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.77	25.81	25.79	27.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.77	25.81	25.72	27.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.74	25.73	25.75	27.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.70	25.81	25.78	27.5	0.0

Part27O n78 Ant10 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		24.04		24.9	0.0
100	π/2 BPSK	1	137		24.02			
100	π/2 BPSK	1	271		23.99			
100	π/2 BPSK	135	0		23.57		24.4	0.5
100	π/2 BPSK	135	69		23.96		24.9	0.0
100	π/2 BPSK	135	138		23.50		24.4	0.5
100	π/2 BPSK	270	0		23.54			
100	QPSK	1	1		24.13		24.9	0.0
100	QPSK	1	137		23.92			
100	QPSK	1	271		23.95			
100	QPSK	135	0		23.01		23.9	1.0
100	QPSK	135	69		23.95		24.9	0.0
100	QPSK	135	138		23.02		23.9	1.0
100	QPSK	270	0		23.11			
100	16QAM	1	1		23.13		23.9	1.0
100	64QAM	1	1		21.52		22.4	2.5
100	256QAM	1	1		19.64		20.4	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.98	24.06	24.00	24.9	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.89	23.97	23.89	24.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.87	23.99	23.97	24.9	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.93	24.03	23.98	24.9	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.97	24.04	23.99	24.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.94	23.95	23.96	24.9	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.91	23.95	23.90	24.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.96	24.06	23.95	24.9	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.94	24.03	23.89	24.9	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.88	23.98	23.91	24.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.96	24.05	23.90	24.9	0.0

Part27O n78 PC2 Ant10 Default

BW [MHz]	Modulation	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	π/2 BPSK	1	1		25.98		26.8	0.0
100	π/2 BPSK	1	137		25.88			
100	π/2 BPSK	1	271		25.89			
100	π/2 BPSK	135	0		25.48		26.3	0.5
100	π/2 BPSK	135	69		25.81		26.8	0.0
100	π/2 BPSK	135	138		25.35		26.3	0.5
100	π/2 BPSK	270	0		25.43			
100	QPSK	1	1		26.03		26.8	0.0
100	QPSK	1	137		25.79			
100	QPSK	1	271		25.85			
100	QPSK	135	0		24.96		25.8	1.0
100	QPSK	135	69		25.83		26.8	0.0
100	QPSK	135	138		24.93		25.8	1.0
100	QPSK	270	0		24.95			
100	16QAM	1	1		25.05		25.8	1.0
100	64QAM	1	1		23.44		24.3	2.5
100	256QAM	1	1		21.60		22.3	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.86	25.91	25.84	26.8	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.85	25.95	25.89	26.8	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.92	25.99	25.85	26.8	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.82	26.00	25.93	26.8	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.84	25.97	25.92	26.8	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.85	25.98	25.93	26.8	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.93	26.00	25.85	26.8	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.94	26.01	25.88	26.8	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.89	26.00	25.90	26.8	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.91	26.00	25.94	26.8	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.85	25.95	25.96	26.8	0.0

Part27Q n78 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.61		24.9	0.0
100	π/2 BPSK	1	137		23.61			
100	π/2 BPSK	1	271		23.64			
100	π/2 BPSK	135	0		23.14		24.4	0.5
100	π/2 BPSK	135	69		23.53		24.9	0.0
100	π/2 BPSK	135	138		23.05		24.4	0.5
100	π/2 BPSK	270	0		23.16			
100	QPSK	1	1		23.74		24.9	0.0
100	QPSK	1	137		23.47			
100	QPSK	1	271		23.56			
100	QPSK	135	0		22.57		23.9	1.0
100	QPSK	135	69		23.54		24.9	0.0
100	QPSK	135	138		22.66		23.9	1.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.69		23.9	1.0
100	64QAM	1	1		21.09		22.4	2.5
100	256QAM	1	1		19.24		20.4	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.58	23.67	23.64	24.9	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.56	23.64	23.55	24.9	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.55	23.63	23.59	24.9	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.54	23.65	23.58	24.9	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.53	23.64	23.57	24.9	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.63	23.67	23.55	24.9	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.56	23.62	23.59	24.9	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.55	23.65	23.61	24.9	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.63	23.65	23.60	24.9	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.58	23.71	23.63	24.9	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.60	23.67	23.65	24.9	0.0

Part27Q n78 PC2 Ant10 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.56		26.8	0.0
100	π/2 BPSK	1	137		25.46			
100	π/2 BPSK	1	271		25.55			
100	π/2 BPSK	135	0		25.02		26.3	0.5
100	π/2 BPSK	135	69		25.42		26.8	0.0
100	π/2 BPSK	135	138		24.90		26.3	0.5
100	π/2 BPSK	270	0		25.06			
100	QPSK	1	1		25.64		26.8	0.0
100	QPSK	1	137		25.32			
100	QPSK	1	271		25.51			
100	QPSK	135	0		24.43		25.8	1.0
100	QPSK	135	69		25.39		26.8	0.0
100	QPSK	135	138		24.52		25.8	1.0
100	QPSK	270	0		24.56			
100	16QAM	1	1		24.53		25.8	1.0
100	64QAM	1	1		22.99		24.3	2.5
100	256QAM	1	1		21.11		22.3	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.43	25.60	25.59	26.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.45	25.59	25.57	26.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.45	25.58	25.49	26.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.44	25.53	25.57	26.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.45	25.56	25.52	26.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.43	25.54	25.55	26.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.44	25.54	25.55	26.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.45	25.62	25.48	26.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.45	25.51	25.49	26.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.45	25.52	25.50	26.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.48	25.60	25.49	26.8	0.0

Reduced Power Mode for DSI1_Other PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.33	14.27	14.18	15.0	0.0
50	PI/2 BPSK	1	135	14.22	14.31	14.14		
50	PI/2 BPSK	1	268	14.26	14.29	14.25		
50	PI/2 BPSK	135	0	14.28	14.37	14.22	15.0	0.0
50	PI/2 BPSK	135	68	14.27	14.33	14.22	15.0	0.0
50	PI/2 BPSK	135	135	14.33	14.27	14.23	15.0	0.0
50	PI/2 BPSK	270	0	14.29	14.33	14.25		
50	QPSK	1	1	14.26	14.41	14.22	15.0	0.0
50	QPSK	1	135	14.30	14.27	14.24		
50	QPSK	1	268	14.21	14.37	14.16		
50	QPSK	135	0	14.33	14.37	14.21	15.0	0.0
50	QPSK	135	68	14.30	14.39	14.15	15.0	0.0
50	QPSK	135	135	14.24	14.34	14.25	15.0	0.0
50	QPSK	270	0	14.23	14.30	14.21		
50	16QAM	1	1	14.29	14.26	14.22	15.0	0.0
50	64QAM	1	1	14.22	14.27	14.18	15.0	0.0
50	256QAM	1	1	14.31	14.32	14.18	15.0	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.14	14.23	14.11	15.0	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	14.15	14.31	14.10	15.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.17	14.29	14.12	15.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.16	14.27	14.10	15.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.15	14.24	14.12	15.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.15	14.25	14.07	15.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.20	14.27	14.18	15.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.20	14.21	14.07	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	14.84	14.82	14.74	15.8	0.0
45	PI/2 BPSK	1	120	14.83	14.87	14.74		
45	PI/2 BPSK	1	240	14.80	14.86	14.77		
45	PI/2 BPSK	120	0	14.80	14.76	14.72	15.8	0.0
45	PI/2 BPSK	120	60	14.74	14.79	14.76	15.8	0.0
45	PI/2 BPSK	120	120	14.81	14.78	14.78	15.8	0.0
45	PI/2 BPSK	240	0	14.80	14.77	14.79		
45	QPSK	1	1	14.77	14.89	14.71	15.8	0.0
45	QPSK	1	120	14.76	14.87	14.74		
45	QPSK	1	240	14.83	14.80	14.76		
45	QPSK	120	0	14.81	14.86	14.72	15.8	0.0
45	QPSK	120	60	14.81	14.87	14.75	15.8	0.0
45	QPSK	120	120	14.80	14.86	14.71	15.8	0.0
45	QPSK	240	0	14.82	14.83	14.71		
45	16QAM	1	1	14.84	14.84	14.82	15.8	0.0
45	64QAM	1	1	14.79	14.83	14.80	15.8	0.0
45	256QAM	1	1	14.83	14.82	14.72	15.8	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	14.72	14.74	14.66	15.8	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	14.64	14.72	14.59	15.8	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.63	14.75	14.56	15.8	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	14.70	14.79	14.63	15.8	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	14.72	14.74	14.60	15.8	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.65	14.82	14.58	15.8	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.68	14.81	14.66	15.8	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.65	14.77	14.65	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	13.74	13.80	13.71	14.5	0.0
40	π/2 BPSK	1	53	13.72	13.73	13.76		
40	π/2 BPSK	1	104	13.67	13.79	13.78		
40	π/2 BPSK	50	0	13.66	13.78	13.71	14.5	0.0
40	π/2 BPSK	50	28	13.68	13.71	13.69	14.5	0.0
40	π/2 BPSK	50	56	13.76	13.75	13.70	14.5	0.0
40	π/2 BPSK	100	0	13.74	13.78	13.71		
40	QPSK	1	1	13.71	13.85	13.80	14.5	0.0
40	QPSK	1	53	13.75	13.80	13.77		
40	QPSK	1	104	13.75	13.72	13.71		
40	QPSK	50	0	13.67	13.78	13.70	14.5	0.0
40	QPSK	50	28	13.70	13.82	13.72	14.5	0.0
40	QPSK	50	56	13.70	13.81	13.75	14.5	0.0
40	QPSK	100	0	13.68	13.81	13.79		
40	16QAM	1	1	13.67	13.72	13.76	14.5	0.0
40	64QAM	1	1	13.70	13.80	13.78	14.5	0.0
40	256QAM	1	1	13.76	13.73	13.75	14.5	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	13.61	13.72	13.64	14.5	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	13.57	13.68	13.71	14.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.66	13.74	13.65	14.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	13.60	13.70	13.65	14.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	13.60	13.67	13.73	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	13.10	13.10	13.02	14.1	0.0
100	π/2 BPSK	1	137	13.05	13.10	13.07		
100	π/2 BPSK	1	271	13.09	13.10	13.05		
100	π/2 BPSK	135	0	13.11	13.08	13.10	14.1	0.0
100	π/2 BPSK	135	69	13.11	13.10	13.02	14.1	0.0
100	π/2 BPSK	135	138	13.07	13.17	13.07	14.1	0.0
100	π/2 BPSK	270	0	13.09	13.10	13.06		
100	QPSK	1	1	13.10	13.19	13.04	14.1	0.0
100	QPSK	1	137	13.01	13.10	13.10		
100	QPSK	1	271	13.01	13.07	13.02		
100	QPSK	135	0	13.09	13.08	13.11	14.1	0.0
100	QPSK	135	69	13.11	13.13	13.08	14.1	0.0
100	QPSK	135	138	13.03	13.10	13.12		
100	QPSK	270	0	13.04	13.16	13.08		
100	16QAM	1	1	13.03	13.13	13.08	14.1	0.0
100	64QAM	1	1	13.06	13.17	13.06	14.1	0.0
100	256QAM	1	1	13.01	13.15	13.09	14.1	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.01	13.06	12.89	14.1	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.05	13.06	12.99	14.1	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	13.04	13.10	12.93	14.1	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.95	13.00	12.98	14.1	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.94	13.03	12.89	14.1	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	12.97	13.11	12.91	14.1	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.05	13.07	12.99	14.1	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	13.03	13.04	12.99	14.1	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.94	13.04	12.94	14.1	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	13.05	13.09	12.92	14.1	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.05	13.00	12.95	14.1	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	13.03	13.10	12.89	14.1	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	13.03	13.03	12.97	14.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	14.38	14.46	14.46	15.8	0.0
100	π/2 BPSK	1	137	14.33	14.49	14.42		
100	π/2 BPSK	1	271	14.36	14.41	14.44		
100	π/2 BPSK	135	0	14.35	14.43	14.43	15.8	0.0
100	π/2 BPSK	135	69	14.33	14.51	14.37	15.8	0.0
100	π/2 BPSK	135	138	14.40	14.45	14.45	15.8	0.0
100	π/2 BPSK	270	0	14.42	14.39	14.38		
100	QPSK	1	1	14.35	14.53	14.48	15.8	0.0
100	QPSK	1	137	14.40	14.49	14.47		
100	QPSK	1	271	14.33	14.47	14.49		
100	QPSK	135	0	14.32	14.41	14.38	15.8	0.0
100	QPSK	135	69	14.34	14.46	14.44	15.8	0.0
100	QPSK	135	138	14.36	14.41	14.44	15.8	0.0
100	QPSK	270	0	14.34	14.47	14.46		
100	16QAM	1	1	14.34	14.41	14.46	15.8	0.0
100	64QAM	1	1	14.35	14.48	14.40	15.8	0.0
100	256QAM	1	1	14.31	14.44	14.44	15.8	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.30	14.34	14.41	15.8	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.22	14.29	14.35	15.8	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.20	14.31	14.42	15.8	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.31	14.31	14.36	15.8	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.30	14.27	14.35	15.8	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.25	14.32	14.40	15.8	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.24	14.33	14.43	15.8	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.30	14.27	14.42	15.8	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.22	14.35	14.43	15.8	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.30	14.30	14.34	15.8	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.20	14.32	14.36	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	17.38	17.46	17.43	18.8	0.0
100	π/2 BPSK	1	137	17.31	17.44	17.40		
100	π/2 BPSK	1	271	17.32	17.37	17.49		
100	π/2 BPSK	135	0	17.41	17.48	17.48	18.8	0.0
100	π/2 BPSK	135	69	17.31	17.50	17.35	18.8	0.0
100	π/2 BPSK	135	138	17.38	17.45	17.50	18.8	0.0
100	π/2 BPSK	270	0	17.47	17.34	17.34		
100	QPSK	1	1	17.35	17.54	17.47	18.8	0.0
100	QPSK	1	137	17.44	17.44	17.43		
100	QPSK	1	271	17.34	17.45	17.53		
100	QPSK	135	0	17.27	17.42	17.42	18.8	0.0
100	QPSK	135	69	17.35	17.52	17.41	18.8	0.0
100	QPSK	135	138	17.32	17.50	17.45	18.8	0.0
100	QPSK	270	0	17.31	17.51	17.43		
100	16QAM	1	1	17.34	17.45	17.43	18.8	0.0
100	64QAM	1	1	17.38	17.50	17.38	18.8	0.0
100	256QAM	1	1	17.27	17.38	17.40	18.8	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.28	17.40	17.35	18.8	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.27	17.45	17.40	18.8	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.23	17.40	17.35	18.8	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.29	17.45	17.36	18.8	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.31	17.39	17.35	18.8	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.30	17.44	17.33	18.8	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.28	17.45	17.33	18.8	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.20	17.49	17.39	18.8	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.25	17.49	17.32	18.8	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.23	17.44	17.37	18.8	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.19	17.41	17.38	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		14.21		15.8	0.0
100	π/2 BPSK	1	137		14.15			
100	π/2 BPSK	1	271		14.14			
100	π/2 BPSK	135	0		14.17		15.8	0.0
100	π/2 BPSK	135	69		14.21		15.8	0.0
100	π/2 BPSK	135	138		14.23		15.8	0.0
100	π/2 BPSK	270	0		14.20			
100	QPSK	1	1		14.25		15.8	0.0
100	QPSK	1	137		14.19			
100	QPSK	1	271		14.18			
100	QPSK	135	0		14.20		15.8	0.0
100	QPSK	135	69		14.21		15.8	0.0
100	QPSK	135	138		14.15		15.8	0.0
100	QPSK	270	0		14.18			
100	16QAM	1	1		14.14		15.8	0.0
100	64QAM	1	1		14.20		15.8	0.0
100	256QAM	1	1		14.13		15.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.11	14.01	14.03	15.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.09	14.04	14.10	15.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.07	14.05	14.05	15.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.01	14.10	14.01	15.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.01	14.02	14.10	15.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.01	14.09	14.10	15.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.07	14.00	14.07	15.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.08	14.08	14.09	15.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.09	14.03	14.03	15.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.09	14.00	14.08	15.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.04	14.01	14.03	15.8	0.0

Part27Q n77 PC2 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.21		18.8	0.0
100	π/2 BPSK	1	137		17.11			
100	π/2 BPSK	1	271		17.10			
100	π/2 BPSK	135	0		17.13		18.8	0.0
100	π/2 BPSK	135	69		17.26		18.8	0.0
100	π/2 BPSK	135	138		17.22		18.8	0.0
100	π/2 BPSK	270	0		17.19			
100	QPSK	1	1		17.27		18.8	0.0
100	QPSK	1	137		17.19			
100	QPSK	1	271		17.12			
100	QPSK	135	0		17.14		18.8	0.0
100	QPSK	135	69		17.25		18.8	0.0
100	QPSK	135	138		17.20		18.8	0.0
100	QPSK	270	0		17.19			
100	16QAM	1	1		17.16		18.8	0.0
100	64QAM	1	1		17.18		18.8	0.0
100	256QAM	1	1		17.13		18.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.16	17.17	17.12	18.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.10	17.09	17.06	18.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.17	17.15	17.09	18.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.14	17.10	17.15	18.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.09	17.08	17.16	18.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.17	17.13	17.14	18.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.10	17.11	17.14	18.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.08	17.07	17.18	18.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.09	17.17	17.13	18.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.17	17.10	17.11	18.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.08	17.17	17.10	18.8	0.0

Part27O n78 Ant5 DSI1

BW [MHz]	Modulation	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	π/2 BPSK	1	1		14.31		15.5	0.0
100	π/2 BPSK	1	137		14.31			
100	π/2 BPSK	1	271		14.31			
100	π/2 BPSK	135	0		14.33		15.5	0.0
100	π/2 BPSK	135	69		14.34		15.5	0.0
100	π/2 BPSK	135	138		14.34		15.5	0.0
100	π/2 BPSK	270	0		14.36			
100	QPSK	1	1		14.39		15.5	0.0
100	QPSK	1	137		14.35			
100	QPSK	1	271		14.31			
100	QPSK	135	0		14.30		15.5	0.0
100	QPSK	135	69		14.33		15.5	0.0
100	QPSK	135	138		14.30		15.5	0.0
100	QPSK	270	0		14.38			
100	16QAM	1	1		14.30		15.5	0.0
100	64QAM	1	1		14.30		15.5	0.0
100	256QAM	1	1		14.36		15.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.30	14.26	14.31	15.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.32	14.33	14.30	15.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.26	14.23	14.26	15.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.28	14.21	14.24	15.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.31	14.25	14.21	15.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.23	14.32	14.26	15.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.21	14.23	14.22	15.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.32	14.26	14.21	15.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.31	14.29	14.31	15.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.29	14.30	14.33	15.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.22	14.31	14.24	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		17.25		18.5	0.0
100	π/2 BPSK	1	137		17.32			
100	π/2 BPSK	1	271		17.31			
100	π/2 BPSK	135	0		17.32		18.5	0.0
100	π/2 BPSK	135	69		17.37		18.5	0.0
100	π/2 BPSK	135	138		17.40		18.5	0.0
100	π/2 BPSK	270	0		17.33			
100	QPSK	1	1		17.45		18.5	0.0
100	QPSK	1	137		17.37			
100	QPSK	1	271		17.27			
100	QPSK	135	0		17.27		18.5	0.0
100	QPSK	135	69		17.34		18.5	0.0
100	QPSK	135	138		17.32		18.5	0.0
100	QPSK	270	0		17.39			
100	16QAM	1	1		17.26		18.5	0.0
100	64QAM	1	1		17.26		18.5	0.0
100	256QAM	1	1		17.36		18.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.41	17.41	17.32	18.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.40	17.34	17.30	18.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.39	17.40	17.39	18.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.34	17.38	17.29	18.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.32	17.33	17.37	18.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.29	17.39	17.38	18.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.36	17.40	17.37	18.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.40	17.31	17.39	18.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.40	17.39	17.39	18.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.35	17.39	17.41	18.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.34	17.32	17.34	18.5	0.0

Part27Q n78 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		13.98		15.5	0.0
100	π/2 BPSK	1	137		13.94			
100	π/2 BPSK	1	271		14.01			
100	π/2 BPSK	135	0		14.01		15.5	0.0
100	π/2 BPSK	135	69		13.95		15.5	0.0
100	π/2 BPSK	135	138		13.94		15.5	0.0
100	π/2 BPSK	270	0		13.99			
100	QPSK	1	1		14.05		15.5	0.0
100	QPSK	1	137		14.04			
100	QPSK	1	271		13.96			
100	QPSK	135	0		14.00		15.5	0.0
100	QPSK	135	69		14.01		15.5	0.0
100	QPSK	135	138		13.96		15.5	0.0
100	QPSK	270	0		13.93			
100	16QAM	1	1		13.95		15.5	0.0
100	64QAM	1	1		13.94		15.5	0.0
100	256QAM	1	1		13.98		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.78	13.77	13.85	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.87	13.77	13.78	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.79	13.88	13.82	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.88	13.78	13.77	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.87	13.82	13.85	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.88	13.82	13.84	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.84	13.82	13.86	15.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.79	13.77	13.80	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.86	13.81	13.82	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.83	13.86	13.78	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.84	13.86	13.78	15.5	0.0

Part27Q n78 PC2 Ant5 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		16.96		18.5	0.0
100	π/2 BPSK	1	137		16.90			
100	π/2 BPSK	1	271		16.97			
100	π/2 BPSK	135	0		17.00		18.5	0.0
100	π/2 BPSK	135	69		16.99		18.5	0.0
100	π/2 BPSK	135	138		16.99		18.5	0.0
100	π/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.09		18.5	0.0
100	QPSK	1	137		17.07			
100	QPSK	1	271		16.92			
100	QPSK	135	0		17.03		18.5	0.0
100	QPSK	135	69		17.06		18.5	0.0
100	QPSK	135	138		16.93		18.5	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		16.98		18.5	0.0
100	64QAM	1	1		16.99		18.5	0.0
100	256QAM	1	1		16.94		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.92	17.00	16.91	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.02	16.98	16.98	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.97	16.94	16.92	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.99	16.99	16.91	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.95	16.97	16.99	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.00	16.94	16.92	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.92	16.95	16.94	18.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.02	17.01	16.98	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.94	16.96	16.93	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.93	16.94	17.03	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.02	17.02	16.98	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.00	17.03	17.05	18.2	0.0
50	PI/2 BPSK	1	135	17.03	17.10	17.03		
50	PI/2 BPSK	1	268	16.97	17.03	17.01		
50	PI/2 BPSK	135	0	17.06	17.13	16.97	18.2	0.0
50	PI/2 BPSK	135	68	17.05	17.09	17.00	18.2	0.0
50	PI/2 BPSK	135	135	17.03	17.06	17.01	18.2	0.0
50	PI/2 BPSK	270	0	17.00	17.06	17.06		
50	QPSK	1	1	16.97	17.15	16.98	18.2	0.0
50	QPSK	1	135	16.98	17.10	16.98		
50	QPSK	1	268	16.97	17.03	16.98		
50	QPSK	135	0	17.07	17.05	16.99	18.2	0.0
50	QPSK	135	68	17.03	17.10	17.02	18.2	0.0
50	QPSK	135	135	16.96	17.03	16.96	18.2	0.0
50	QPSK	270	0	17.02	17.09	17.01		
50	16QAM	1	1	17.03	17.14	17.04	18.2	0.0
50	64QAM	1	1	17.03	17.07	17.03	18.2	0.0
50	256QAM	1	1	16.99	17.14	17.05	18.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.83	17.04	16.88	18.2	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.86	17.01	16.91	18.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.90	17.00	16.94	18.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.91	17.01	16.90	18.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.85	17.00	16.83	18.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.81	17.02	16.87	18.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.91	17.09	16.90	18.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.82	16.97	16.85	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.21	16.17	16.15	16.8	0.0
45	PI/2 BPSK	1	120	16.22	16.22	16.11		
45	PI/2 BPSK	1	240	16.20	16.26	16.11		
45	PI/2 BPSK	120	0	16.16	16.22	16.15	16.8	0.0
45	PI/2 BPSK	120	60	16.14	16.21	16.18	16.8	0.0
45	PI/2 BPSK	120	120	16.16	16.26	16.14	16.8	0.0
45	PI/2 BPSK	240	0	16.24	16.26	16.10		
45	QPSK	1	1	16.22	16.28	16.21	16.8	0.0
45	QPSK	1	120	16.24	16.22	16.19		
45	QPSK	1	240	16.19	16.17	16.21		
45	QPSK	120	0	16.14	16.19	16.10	16.8	0.0
45	QPSK	120	60	16.18	16.25	16.13	16.8	0.0
45	QPSK	120	120	16.15	16.24	16.22	16.8	0.0
45	QPSK	240	0	16.21	16.24	16.20		
45	16QAM	1	1	16.21	16.26	16.18	16.8	0.0
45	64QAM	1	1	16.21	16.26	16.18	16.8	0.0
45	256QAM	1	1	16.17	16.25	16.10	16.8	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.14	16.13	16.16	16.8	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.11	16.06	16.16	16.8	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.08	16.06	16.09	16.8	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.16	16.06	16.06	16.8	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.07	16.08	16.11	16.8	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.18	16.03	16.13	16.8	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.13	16.10	16.08	16.8	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.18	16.09	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	17.84	17.90	17.80	19.2	0.0
40	π/2 BPSK	1	53	17.85	17.84	17.82		
40	π/2 BPSK	1	104	17.89	17.91	17.80		
40	π/2 BPSK	50	0	17.84	17.91	17.85	19.2	0.0
40	π/2 BPSK	50	28	17.84	17.87	17.85	19.2	0.0
40	π/2 BPSK	50	56	17.88	17.87	17.79	19.2	0.0
40	π/2 BPSK	100	0	17.83	17.82	17.84		
40	QPSK	1	1	17.88	17.95	17.78	19.2	0.0
40	QPSK	1	53	17.89	17.88	17.85		
40	QPSK	1	104	17.83	17.88	17.85		
40	QPSK	50	0	17.86	17.87	17.78	19.2	0.0
40	QPSK	50	28	17.90	17.93	17.78	19.2	0.0
40	QPSK	50	56	17.83	17.90	17.76	19.2	0.0
40	QPSK	100	0	17.80	17.87	17.81		
40	16QAM	1	1	17.85	17.88	17.80	19.2	0.0
40	64QAM	1	1	17.87	17.88	17.80	19.2	0.0
40	256QAM	1	1	17.79	17.85	17.79	19.2	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.75	17.77	17.71	19.2	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.74	17.79	17.63	19.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.83	17.83	17.72	19.2	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.81	17.80	17.73	19.2	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.80	17.78	17.70	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	16.69	16.81	16.74	18.2	0.0
100	π/2 BPSK	1	137	16.69	16.69	16.78		
100	π/2 BPSK	1	271	16.64	16.80	16.71		
100	π/2 BPSK	135	0	16.61	16.77	16.67	18.2	0.0
100	π/2 BPSK	135	69	16.60	16.81	16.68	18.2	0.0
100	π/2 BPSK	135	138	16.72	16.77	16.74	18.2	0.0
100	π/2 BPSK	270	0	16.60	16.73	16.78		
100	QPSK	1	1	16.71	16.85	16.72	18.2	0.0
100	QPSK	1	137	16.66	16.73	16.68		
100	QPSK	1	271	16.69	16.74	16.68		
100	QPSK	135	0	16.65	16.76	16.75	18.2	0.0
100	QPSK	135	69	16.69	16.81	16.74	18.2	0.0
100	QPSK	135	138	16.68	16.70	16.78	18.2	0.0
100	QPSK	270	0	16.65	16.78	16.67		
100	16QAM	1	1	16.70	16.79	16.73	18.2	0.0
100	64QAM	1	1	16.61	16.73	16.68	18.2	0.0
100	256QAM	1	1	16.70	16.74	16.73	18.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.56	16.58	16.65	18.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.65	16.61	16.61	18.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.59	16.62	16.64	18.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.56	16.57	16.66	18.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.67	16.64	16.61	18.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.55	16.58	16.57	18.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.64	16.61	16.56	18.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.64	16.65	16.65	18.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.59	16.63	16.65	18.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	16.55	16.59	16.60	18.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.58	16.59	16.64	18.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.65	16.59	16.65	18.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.57	16.60	16.57	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	19.17	19.19	19.08	20.5	0.0
40	π/2 BPSK	1	53	19.15	19.20	19.01		
40	π/2 BPSK	1	104	19.10	19.17	19.05		
40	π/2 BPSK	50	0	19.19	19.16	19.07	20.5	0.0
40	π/2 BPSK	50	28	19.10	19.13	19.03	20.5	0.0
40	π/2 BPSK	50	56	19.08	19.21	19.02	20.5	0.0
40	π/2 BPSK	100	0	19.13	19.18	18.99		
40	QPSK	1	1	19.10	19.25	19.06	20.5	0.0
40	QPSK	1	53	19.09	19.20	19.04		
40	QPSK	1	104	19.12	19.17	19.01		
40	QPSK	50	0	19.10	19.18	19.04	20.5	0.0
40	QPSK	50	28	19.16	19.23	19.04	20.5	0.0
40	QPSK	50	56	19.07	19.12	19.01	20.5	0.0
40	QPSK	100	0	19.09	19.19	19.08		
40	16QAM	1	1	19.07	19.15	19.01	20.5	0.0
40	64QAM	1	1	19.08	19.15	19.06	20.5	0.0
40	256QAM	1	1	19.18	19.21	19.00	20.0	0.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.99	19.16	18.97	20.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.97	19.11	18.93	20.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.97	19.13	18.96	20.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.04	19.05	19.01	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	19.35	19.32	19.37	19.5	0.0
100	π/2 BPSK	1	137	19.34	19.35	19.33		
100	π/2 BPSK	1	271	19.27	19.35	19.28		
100	π/2 BPSK	135	0	19.29	19.34	19.29	19.5	0.0
100	π/2 BPSK	135	69	19.32	19.40	19.30	19.5	0.0
100	π/2 BPSK	135	138	19.30	19.37	19.36	19.5	0.0
100	π/2 BPSK	270	0	19.27	19.31	19.31		
100	QPSK	1	1	19.29	19.45	19.33	19.5	0.0
100	QPSK	1	137	19.36	19.36	19.32		
100	QPSK	1	271	19.28	19.37	19.30		
100	QPSK	135	0	19.30	19.39	19.35	19.5	0.0
100	QPSK	135	69	19.26	19.41	19.28	19.5	0.0
100	QPSK	135	138	19.35	19.36	19.32	19.5	0.0
100	QPSK	270	0	19.26	19.38	19.33		
100	16QAM	1	1	19.30	19.35	19.30	19.5	0.0
100	64QAM	1	1	19.28	19.34	19.28	19.5	0.0
100	256QAM	1	1	19.35	19.42	19.31	19.5	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.16	19.23	19.23	19.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.13	19.24	19.27	19.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.17	19.22	19.28	19.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.19	19.33	19.28	19.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.25	19.33	19.29	19.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.15	19.26	19.21	19.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.15	19.33	19.26	19.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.15	19.25	19.22	19.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.15	19.24	19.26	19.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.25	19.31	19.28	19.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.18	19.24	19.19	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	22.87	22.81	22.86	23.0	0.0
100	π/2 BPSK	1	137	22.85	22.90	22.82		
100	π/2 BPSK	1	271	22.80	22.89	22.76		
100	π/2 BPSK	135	0	22.84	22.84	22.76	23.0	0.0
100	π/2 BPSK	135	69	22.87	22.85	22.77	23.0	0.0
100	π/2 BPSK	135	138	22.79	22.88	22.85	23.0	0.0
100	π/2 BPSK	270	0	22.77	22.85	22.80		
100	QPSK	1	1	22.75	22.95	22.87	23.0	0.0
100	QPSK	1	137	22.81	22.92	22.79		
100	QPSK	1	271	22.73	22.93	22.82		
100	QPSK	135	0	22.77	22.87	22.86	23.0	0.0
100	QPSK	135	69	22.72	22.92	22.78	23.0	0.0
100	QPSK	135	138	22.81	22.83	22.79	23.0	0.0
100	QPSK	270	0	22.72	22.91	22.83		
100	16QAM	1	1	22.77	22.84	22.77	23.0	0.0
100	64QAM	1	1	22.79	22.82	22.75	23.0	0.0
100	256QAM	1	1	22.81	22.90	22.78	23.0	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.70	22.90	22.75	23.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.66	22.86	22.73	23.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.61	22.84	22.75	23.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.68	22.80	22.77	23.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.67	22.79	22.75	23.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.70	22.83	22.79	23.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.60	22.81	22.73	23.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.65	22.81	22.76	23.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.70	22.87	22.77	23.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.70	22.84	22.72	23.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.71	22.87	22.76	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.05		19.5	0.0
100	π/2 BPSK	1	137		19.03			
100	π/2 BPSK	1	271		19.04			
100	π/2 BPSK	135	0		18.98		19.5	0.0
100	π/2 BPSK	135	69		18.95		19.5	0.0
100	π/2 BPSK	135	138		19.06		19.5	0.0
100	π/2 BPSK	270	0		19.03			
100	QPSK	1	1		19.07		19.5	0.0
100	QPSK	1	137		19.05			
100	QPSK	1	271		18.99			
100	QPSK	135	0		19.00		19.5	0.0
100	QPSK	135	69		19.01		19.5	0.0
100	QPSK	135	138		18.97		19.5	0.0
100	QPSK	270	0		19.00			
100	16QAM	1	1		19.05		19.5	0.0
100	64QAM	1	1		18.94		19.5	0.0
100	256QAM	1	1		19.05		19.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.98	18.89	18.91	19.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.94	18.89	18.95	19.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.89	18.98	18.97	19.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.99	18.98	18.94	19.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.92	18.91	18.96	19.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.96	18.90	18.97	19.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.96	18.91	18.95	19.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.94	18.96	18.92	19.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.93	18.96	18.91	19.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.91	18.97	18.90	19.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.97	18.91	18.95	19.5	0.0

Part27Q n77 PC2 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.49		23.0	0.0
100	π/2 BPSK	1	137		22.57			
100	π/2 BPSK	1	271		22.55			
100	π/2 BPSK	135	0		22.52		23.0	0.0
100	π/2 BPSK	135	69		22.46		23.0	0.0
100	π/2 BPSK	135	138		22.61		23.0	0.0
100	π/2 BPSK	270	0		22.58			
100	QPSK	1	1		22.62		23.0	0.0
100	QPSK	1	137		22.51			
100	QPSK	1	271		22.51			
100	QPSK	135	0		22.55		23.0	0.0
100	QPSK	135	69		22.56		23.0	0.0
100	QPSK	135	138		22.51		23.0	0.0
100	QPSK	270	0		22.47			
100	16QAM	1	1		22.51		23.0	0.0
100	64QAM	1	1		22.41		23.0	0.0
100	256QAM	1	1		22.59		23.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.56	22.56	22.51	23.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.57	22.49	22.51	23.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.56	22.47	22.55	23.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.54	22.54	22.50	23.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.54	22.49	22.57	23.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.55	22.49	22.52	23.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.48	22.51	22.52	23.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.53	22.56	22.55	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.52	22.50	22.46	23.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.58	22.50	22.49	23.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.49	22.55	22.49	23.0	0.0

Part27O n78 Ant4 DSI1

BW [MHz]	Modulation	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	π/2 BPSK	1	1		19.36		19.5	0.0
100	π/2 BPSK	1	137		19.26			
100	π/2 BPSK	1	271		19.32			
100	π/2 BPSK	135	0		19.33		19.5	0.0
100	π/2 BPSK	135	69		19.27		19.5	0.0
100	π/2 BPSK	135	138		19.29		19.5	0.0
100	π/2 BPSK	270	0		19.30			
100	QPSK	1	1		19.40		19.5	0.0
100	QPSK	1	137		19.28			
100	QPSK	1	271		19.27			
100	QPSK	135	0		19.27		19.5	0.0
100	QPSK	135	69		19.35		19.5	0.0
100	QPSK	135	138		19.33		19.5	0.0
100	QPSK	270	0		19.26			
100	16QAM	1	1		19.35		19.5	0.0
100	64QAM	1	1		19.34		19.5	0.0
100	256QAM	1	1		19.30		19.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.27	19.21	19.23	19.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.22	19.24	19.29	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.24	19.19	19.21	19.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.26	19.29	19.28	19.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.20	19.23	19.20	19.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.29	19.26	19.19	19.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.26	19.26	19.22	19.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.26	19.28	19.27	19.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.29	19.28	19.26	19.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.19	19.27	19.30	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.31	19.23	19.24	19.5	0.0

Part27O n78 PC2 Ant4 DSI1

BW [MHz]	Modulation	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	π/2 BPSK	1	1		22.87		23.0	0.0
100	π/2 BPSK	1	137		22.71			
100	π/2 BPSK	1	271		22.79			
100	π/2 BPSK	135	0		22.83		23.0	0.0
100	π/2 BPSK	135	69		22.75		23.0	0.0
100	π/2 BPSK	135	138		22.73		23.0	0.0
100	π/2 BPSK	270	0		22.80			
100	QPSK	1	1		22.95		23.0	0.0
100	QPSK	1	137		22.82			
100	QPSK	1	271		22.77			
100	QPSK	135	0		22.78		23.0	0.0
100	QPSK	135	69		22.91		23.0	0.0
100	QPSK	135	138		22.88		23.0	0.0
100	QPSK	270	0		22.70			
100	16QAM	1	1		22.81		23.0	0.0
100	64QAM	1	1		22.85		23.0	0.0
100	256QAM	1	1		22.84		23.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.83	22.89	22.91	23.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.87	22.86	22.86	23.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.81	22.89	22.80	23.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.82	22.88	22.90	23.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.84	22.88	22.91	23.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.82	22.84	22.82	23.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.85	22.83	22.81	23.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.83	22.84	22.81	23.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.80	22.83	22.88	23.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.86	22.88	22.91	23.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.84	22.85	22.90	23.0	0.0

Part27Q n78 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.08		19.5	0.0
100	π/2 BPSK	1	137		19.05			
100	π/2 BPSK	1	271		19.13			
100	π/2 BPSK	135	0		19.11		19.5	0.0
100	π/2 BPSK	135	69		19.05		19.5	0.0
100	π/2 BPSK	135	138		19.08		19.5	0.0
100	π/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.15		19.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.14			
100	QPSK	135	0		19.10		19.5	0.0
100	QPSK	135	69		19.14		19.5	0.0
100	QPSK	135	138		19.06		19.5	0.0
100	QPSK	270	0		19.15			
100	16QAM	1	1		19.13		19.5	0.0
100	64QAM	1	1		19.10		19.5	0.0
100	256QAM	1	1		19.06		19.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.03	18.96	19.03	19.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.00	19.04	19.01	19.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.02	18.96	18.94	19.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.96	18.94	18.96	19.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.95	18.97	18.93	19.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.02	18.94	19.01	19.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.94	19.02	18.96	19.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.00	18.97	18.98	19.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.05	18.99	19.03	19.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.96	19.05	18.96	19.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.96	18.98	19.02	19.5	0.0

Part27Q n78 PC2 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.53		23.0	0.0
100	π/2 BPSK	1	137		22.58			
100	π/2 BPSK	1	271		22.57			
100	π/2 BPSK	135	0		22.56		23.0	0.0
100	π/2 BPSK	135	69		22.57		23.0	0.0
100	π/2 BPSK	135	138		22.55		23.0	0.0
100	π/2 BPSK	270	0		22.59			
100	QPSK	1	1		22.70		23.0	0.0
100	QPSK	1	137		22.54			
100	QPSK	1	271		22.69			
100	QPSK	135	0		22.63		23.0	0.0
100	QPSK	135	69		22.68		23.0	0.0
100	QPSK	135	138		22.54		23.0	0.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.63		23.0	0.0
100	64QAM	1	1		22.57		23.0	0.0
100	256QAM	1	1		22.59		23.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.58	22.63	22.55	23.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.54	22.63	23.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.59	22.60	22.61	23.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.66	22.66	22.56	23.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.57	22.56	22.56	23.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.65	22.60	22.64	23.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.55	22.64	22.64	23.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.65	22.57	22.54	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.58	22.63	22.63	23.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.57	22.55	22.63	23.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.57	22.57	22.56	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	25.17	25.22	25.18	25.5	0.0
50	Pi/2 BPSK	1	135	25.17	25.17	25.19		
50	Pi/2 BPSK	1	268	25.14	25.15	25.20		
50	Pi/2 BPSK	135	0	24.70	24.80	24.71	25.0	0.5
50	Pi/2 BPSK	135	68	25.10	25.21	25.13	25.5	0.0
50	Pi/2 BPSK	135	135	24.70	24.81	24.78	25.0	0.5
50	Pi/2 BPSK	270	0	24.75	24.76	24.71		
50	QPSK	1	1	25.23	25.25	25.22	25.5	0.0
50	QPSK	1	135	25.13	25.11	25.20		
50	QPSK	1	268	25.19	25.13	25.15		
50	QPSK	135	0	24.19	24.26	24.25	24.5	1.0
50	QPSK	135	68	25.14	25.20	25.12	25.5	0.0
50	QPSK	135	135	24.21	24.25	24.20	24.5	1.0
50	QPSK	270	0	24.26	24.27	24.20		
50	16QAM	1	1	24.27	24.24	24.28	24.5	1.0
50	64QAM	1	1	22.77	22.71	22.68	23.0	2.5
50	256QAM	1	1	20.70	20.76	20.77	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.10	25.15	25.15	25.5	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	25.13	25.19	25.13	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.16	25.21	25.12	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.17	25.22	25.09	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pi/2 BPSK	1	1	25.12	25.20	25.18	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.15	25.21	25.18	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.19	25.13	25.18	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.16	25.15	25.19	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	24.87	24.96	24.84	25.5	0.0
45	Pi/2 BPSK	1	120	24.89	24.92	24.87		
45	Pi/2 BPSK	1	240	24.88	24.94	24.96		
45	Pi/2 BPSK	120	0	24.41	24.46	24.46	25.0	0.5
45	Pi/2 BPSK	120	60	24.89	24.90	24.90	25.5	0.0
45	Pi/2 BPSK	120	120	24.48	24.50	24.45	25.0	0.5
45	Pi/2 BPSK	240	0	24.44	24.47	24.53		
45	QPSK	1	1	24.93	25.01	24.98	25.5	0.0
45	QPSK	1	120	24.88	24.95	24.88		
45	QPSK	1	240	24.81	24.96	24.94		
45	QPSK	120	0	23.87	23.97	24.02	24.5	1.0
45	QPSK	120	60	24.82	24.97	24.90	25.5	0.0
45	QPSK	120	120	23.92	24.01	23.96	24.5	1.0
45	QPSK	240	0	23.90	24.04	24.01		
45	16QAM	1	1	23.95	23.99	23.93	24.5	1.0
45	64QAM	1	1	22.41	22.50	22.54	23.0	2.5
45	256QAM	1	1	20.40	20.51	20.52	21.0	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.80	24.96	24.85	25.5	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.80	24.91	24.95	25.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.88	24.95	24.94	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.84	24.95	24.86	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.80	24.90	24.89	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.87	24.89	24.90	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.85	24.93	24.93	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.89	24.98	24.87	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	π/2 BPSK	1	1	24.98	24.99	24.96	25.5	0.0
40	π/2 BPSK	1	53	25.03	25.00	24.96		
40	π/2 BPSK	1	104	24.96	25.05	24.95		
40	π/2 BPSK	50	0	24.56	24.55	24.54	25.0	0.5
40	π/2 BPSK	50	28	24.96	25.02	24.99	25.5	0.0
40	π/2 BPSK	50	56	24.59	24.61	24.51	25.0	0.5
40	π/2 BPSK	100	0	24.59	24.60	24.53		
40	QPSK	1	1	25.08	25.10	25.06	25.5	0.0
40	QPSK	1	53	24.99	24.99	24.98		
40	QPSK	1	104	25.01	25.07	25.00		
40	QPSK	50	0	24.10	24.07	24.05	24.5	1.0
40	QPSK	50	28	25.03	25.07	24.96	25.5	0.0
40	QPSK	50	56	24.07	24.11	24.01	24.5	1.0
40	QPSK	100	0	24.12	24.13	24.10		
40	16QAM	1	1	24.05	24.09	24.06	24.5	1.0
40	64QAM	1	1	22.59	22.62	22.52	23.0	2.5
40	256QAM	1	1	20.64	20.60	20.51	21.0	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	25.05	25.07	25.02	25.5	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	25.05	24.98	25.02	25.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.99	25.02	25.01	25.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	25.02	25.04	25.02	25.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	25.02	24.97	24.97	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	π/2 BPSK	1	1	24.93	24.93	24.87	25.5	0.0
100	π/2 BPSK	1	137	25.04	24.91	24.96		
100	π/2 BPSK	1	271	24.93	24.98	24.92		
100	π/2 BPSK	135	0	24.55	24.49	24.48	25.0	0.5
100	π/2 BPSK	135	69	24.97	25.00	24.94	25.5	0.0
100	π/2 BPSK	135	138	24.53	24.54	24.46	25.0	0.5
100	π/2 BPSK	270	0	24.61	24.54	24.51		
100	QPSK	1	1	25.09	25.13	24.97	25.5	0.0
100	QPSK	1	137	24.90	24.94	24.96		
100	QPSK	1	271	24.93	25.04	24.99		
100	QPSK	135	0	24.04	24.02	24.06	24.5	1.0
100	QPSK	135	69	24.98	25.09	24.93	25.5	0.0
100	QPSK	135	138	24.05	24.06	23.92	24.5	1.0
100	QPSK	270	0	24.11	24.16	24.06		
100	16QAM	1	1	24.01	24.11	24.06	24.5	1.0
100	64QAM	1	1	22.56	22.63	22.54	23.0	2.5
100	256QAM	1	1	20.63	20.56	20.49	21.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.04	25.05	24.93	25.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	25.05	25.00	24.91	25.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.02	25.01	24.91	25.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.98	25.10	24.87	25.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.03	25.07	24.86	25.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	25.02	25.07	24.92	25.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.00	25.06	24.94	25.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.97	25.08	24.87	25.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.02	24.99	24.88	25.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.98	25.07	24.93	25.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.06	25.05	24.92	25.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.97	25.01	24.89	25.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.06	25.01	24.89	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	22.04	22.02	22.05	23.6	0.0
40	π/2 BPSK	1	53	22.07	22.10	22.01		
40	π/2 BPSK	1	104	22.01	22.04	22.03		
40	π/2 BPSK	50	0	21.62	21.65	21.60	23.1	0.5
40	π/2 BPSK	50	28	22.05	22.01	21.94	23.6	0.0
40	π/2 BPSK	50	56	21.57	21.62	21.61	23.1	0.5
40	π/2 BPSK	100	0	21.61	21.68	21.59		
40	QPSK	1	1	22.09	22.15	22.08	23.6	0.0
40	QPSK	1	53	21.97	22.03	21.99		
40	QPSK	1	104	22.03	22.11	22.03		
40	QPSK	50	0	21.13	21.21	21.04	22.6	1.0
40	QPSK	50	28	22.00	22.11	22.03	23.6	0.0
40	QPSK	50	56	21.09	21.14	21.06	22.6	1.0
40	QPSK	100	0	21.11	21.18	21.06		
40	16QAM	1	1	21.04	21.15	21.13	22.6	1.0
40	64QAM	1	1	19.63	19.67	19.59	21.1	2.5
40	256QAM	1	1	17.62	17.68	17.60	19.1	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.95	22.01	22.02	23.6	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.98	22.07	21.94	23.6	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.95	22.13	21.97	23.6	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.98	22.03	22.03	23.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	23.97	24.09	23.83	25.3	0.0
100	π/2 BPSK	1	137	23.99	24.12	23.92		
100	π/2 BPSK	1	271	23.97	24.01	23.91		
100	π/2 BPSK	135	0	23.48	23.65	23.43	24.8	0.5
100	π/2 BPSK	135	69	23.97	24.07	23.91	25.3	0.0
100	π/2 BPSK	135	138	23.54	23.69	23.50	24.8	0.5
100	π/2 BPSK	270	0	23.58	23.70	23.47		
100	QPSK	1	1	24.04	24.15	23.95	25.3	0.0
100	QPSK	1	137	23.99	24.06	23.91		
100	QPSK	1	271	23.95	24.08	23.90		
100	QPSK	135	0	23.05	23.17	22.96	24.3	1.0
100	QPSK	135	69	24.02	24.13	23.86	25.3	0.0
100	QPSK	135	138	23.04	23.15	22.90	24.3	1.0
100	QPSK	270	0	23.10	23.19	23.00		
100	16QAM	1	1	23.07	23.16	22.93	24.3	1.0
100	64QAM	1	1	21.59	21.70	21.40	22.8	2.5
100	256QAM	1	1	19.51	19.61	19.50	20.8	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.91	24.02	23.90	25.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.99	24.11	23.92	25.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.95	24.10	23.90	25.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.98	24.09	23.86	25.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.92	24.02	23.86	25.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.91	24.10	23.82	25.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.93	24.07	23.87	25.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.98	24.06	23.82	25.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.99	24.06	23.88	25.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.00	24.11	23.88	25.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.91	24.11	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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.97	26.08	25.77	27.3	0.0
100	π/2 BPSK	1	137	25.97	26.08	25.96		
100	π/2 BPSK	1	271	26.01	26.07	25.90		
100	π/2 BPSK	135	0	25.45	25.61	25.41	26.8	0.5
100	π/2 BPSK	135	69	26.00	26.10	25.93	27.3	0.0
100	π/2 BPSK	135	138	25.60	25.63	25.53	26.8	0.5
100	π/2 BPSK	270	0	25.56	25.72	25.42		
100	QPSK	1	1	25.98	26.17	25.99	27.3	0.0
100	QPSK	1	137	26.04	26.11	25.86		
100	QPSK	1	271	25.97	26.12	25.93		
100	QPSK	135	0	25.02	25.17	24.96	26.3	1.0
100	QPSK	135	69	26.00	26.14	25.91	27.3	0.0
100	QPSK	135	138	25.08	25.16	24.85	26.3	1.0
100	QPSK	270	0	25.05	25.15	25.06		
100	16QAM	1	1	25.09	25.13	24.98	26.3	1.0
100	64QAM	1	1	23.64	23.69	23.37	24.8	2.5
100	256QAM	1	1	21.52	21.66	21.44	22.8	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.95	26.07	25.91	27.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.92	26.09	25.91	27.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.88	26.06	25.94	27.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.87	26.05	25.88	27.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.87	26.04	25.93	27.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.93	26.08	25.95	27.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.93	26.05	25.88	27.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.94	26.04	25.90	27.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.94	26.09	25.87	27.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.88	26.07	25.91	27.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.95	26.04	25.85	27.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.58		25.3	0.0
100	π/2 BPSK	1	137		23.58			
100	π/2 BPSK	1	271		23.50			
100	π/2 BPSK	135	0		23.17		24.8	0.5
100	π/2 BPSK	135	69		23.57		25.3	0.0
100	π/2 BPSK	135	138		23.15		24.8	0.5
100	π/2 BPSK	270	0		23.15			
100	QPSK	1	1		23.65		25.3	0.0
100	QPSK	1	137		23.52			
100	QPSK	1	271		23.52			
100	QPSK	135	0		22.59		24.3	1.0
100	QPSK	135	69		23.62		25.3	0.0
100	QPSK	135	138		22.72		24.3	1.0
100	QPSK	270	0		22.62			
100	16QAM	1	1		22.67		24.3	1.0
100	64QAM	1	1		21.17		22.8	2.5
100	256QAM	1	1		19.08		20.8	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.56	23.54	23.52	25.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.58	23.57	23.50	25.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.58	23.51	23.57	25.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.56	23.52	23.54	25.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.53	23.60	23.60	25.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.56	23.49	23.51	25.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.51	23.57	23.58	25.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.59	23.54	23.56	25.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.56	23.52	23.55	25.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.61	23.56	23.50	25.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.57	23.54	23.53	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.64		27.3	0.0
100	π/2 BPSK	1	137		25.57			
100	π/2 BPSK	1	271		25.61			
100	π/2 BPSK	135	0		25.06		26.8	0.5
100	π/2 BPSK	135	69		25.54		27.3	0.0
100	π/2 BPSK	135	138		25.16		26.8	0.5
100	π/2 BPSK	270	0		25.18			
100	QPSK	1	1		25.66		27.3	0.0
100	QPSK	1	137		25.65			
100	QPSK	1	271		25.57			
100	QPSK	135	0		24.72		26.3	1.0
100	QPSK	135	69		25.61		27.3	0.0
100	QPSK	135	138		24.69		26.3	1.0
100	QPSK	270	0		24.65			
100	16QAM	1	1		24.64		26.3	1.0
100	64QAM	1	1		23.21		24.8	2.5
100	256QAM	1	1		21.21		22.8	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.59	25.51	25.58	27.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.51	25.54	25.62	27.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.60	25.62	25.54	27.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.62	25.57	25.56	27.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.58	25.53	25.58	27.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.61	25.59	25.58	27.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.59	25.61	25.57	27.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.61	25.53	25.59	27.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.53	25.55	25.60	27.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.61	25.56	25.53	27.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.56	25.59	25.51	27.3	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	π/2 BPSK	1	1		24.07		25.3	0.0
100	π/2 BPSK	1	137		24.06			
100	π/2 BPSK	1	271		24.00			
100	π/2 BPSK	135	0		23.64		24.8	0.5
100	π/2 BPSK	135	69		24.04		25.3	0.0
100	π/2 BPSK	135	138		23.63		24.8	0.5
100	π/2 BPSK	270	0		23.67			
100	QPSK	1	1		24.17		25.3	0.0
100	QPSK	1	137		23.98			
100	QPSK	1	271		24.01			
100	QPSK	135	0		23.12		24.3	1.0
100	QPSK	135	69		24.09		25.3	0.0
100	QPSK	135	138		23.23		24.3	1.0
100	QPSK	270	0		23.08			
100	16QAM	1	1		23.18		24.3	1.0
100	64QAM	1	1		21.71		22.8	2.5
100	256QAM	1	1		19.57		20.8	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.03	24.01	24.11	25.3	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.09	24.12	24.09	25.3	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.11	24.07	24.12	25.3	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.12	24.02	24.06	25.3	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.02	24.05	24.07	25.3	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.06	24.13	24.02	25.3	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.10	24.08	24.02	25.3	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.01	24.01	24.13	25.3	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.11	24.02	24.03	25.3	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.06	24.02	24.10	25.3	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.06	24.10	24.04	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	π/2 BPSK	1	1		26.05		27.2	0.0
100	π/2 BPSK	1	137		26.05			
100	π/2 BPSK	1	271		26.02			
100	π/2 BPSK	135	0		25.53		26.7	0.5
100	π/2 BPSK	135	69		26.06		27.2	0.0
100	π/2 BPSK	135	138		25.49		26.7	0.5
100	π/2 BPSK	270	0		25.60			
100	QPSK	1	1		26.13		27.2	0.0
100	QPSK	1	137		26.09			
100	QPSK	1	271		26.10			
100	QPSK	135	0		24.93		26.2	1.0
100	QPSK	135	69		25.98		27.2	0.0
100	QPSK	135	138		24.98		26.2	1.0
100	QPSK	270	0		24.98			
100	16QAM	1	1		24.96		26.2	1.0
100	64QAM	1	1		22.91		24.7	2.5
100	256QAM	1	1		20.77		22.7	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.07	25.98	26.05	27.2	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.06	26.07	26.05	27.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.09	26.04	26.01	27.2	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.06	26.08	26.01	27.2	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.08	26.03	26.00	27.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.04	25.98	26.08	27.2	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.98	26.01	25.99	27.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.00	26.07	26.04	27.2	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.98	25.97	25.97	27.2	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.05	26.03	25.97	27.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.98	26.09	26.04	27.2	0.0

Part27Q n78 Ant6 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.54		25.3	0.0
100	π/2 BPSK	1	137		23.60			
100	π/2 BPSK	1	271		23.54			
100	π/2 BPSK	135	0		23.10		24.8	0.5
100	π/2 BPSK	135	69		23.51		25.3	0.0
100	π/2 BPSK	135	138		23.17		24.8	0.5
100	π/2 BPSK	270	0		23.21			
100	QPSK	1	1		23.72		25.3	0.0
100	QPSK	1	137		23.53			
100	QPSK	1	271		23.45			
100	QPSK	135	0		22.67		24.3	1.0
100	QPSK	135	69		23.61		25.3	0.0
100	QPSK	135	138		22.72		24.3	1.0
100	QPSK	270	0		22.57			
100	16QAM	1	1		22.64		24.3	1.0
100	64QAM	1	1		21.21		22.8	2.5
100	256QAM	1	1		19.12		20.8	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.66	23.56	23.58	25.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.56	23.67	23.62	25.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.57	23.58	23.62	25.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.62	23.65	23.56	25.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.57	23.59	23.58	25.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.57	23.67	23.57	25.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.67	23.64	23.57	25.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.58	23.63	23.57	25.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.67	23.63	23.61	25.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.61	23.59	23.62	25.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.62	23.63	23.58	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.50		27.2	0.0
100	π/2 BPSK	1	137		25.51			
100	π/2 BPSK	1	271		25.49			
100	π/2 BPSK	135	0		25.04		26.7	0.5
100	π/2 BPSK	135	69		25.50		27.2	0.0
100	π/2 BPSK	135	138		24.99		26.7	0.5
100	π/2 BPSK	270	0		25.12			
100	QPSK	1	1		25.69		27.2	0.0
100	QPSK	1	137		25.64			
100	QPSK	1	271		25.65			
100	QPSK	135	0		24.46		26.2	1.0
100	QPSK	135	69		25.49		27.2	0.0
100	QPSK	135	138		24.43		26.2	1.0
100	QPSK	270	0		24.62			
100	16QAM	1	1		24.48		26.2	1.0
100	64QAM	1	1		23.16		24.7	2.5
100	256QAM	1	1		21.14		22.7	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.63	25.60	25.59	27.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.60	25.62	25.62	27.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.59	25.57	25.57	27.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.57	25.63	25.62	27.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.64	25.58	25.61	27.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.56	25.61	25.56	27.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.58	25.55	25.54	27.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.63	25.65	25.57	27.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.65	25.60	25.62	27.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.55	25.61	25.61	27.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.60	25.57	25.62	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.68	18.72	18.75	19.8	0.0
50	PI/2 BPSK	1	135	18.70	18.78	18.68		
50	PI/2 BPSK	1	268	18.66	18.80	18.69		
50	PI/2 BPSK	135	0	18.72	18.81	18.76	19.8	0.0
50	PI/2 BPSK	135	68	18.67	18.79	18.74	19.8	0.0
50	PI/2 BPSK	135	135	18.64	18.72	18.75	19.8	0.0
50	PI/2 BPSK	270	0	18.70	18.77	18.67		
50	QPSK	1	1	18.72	18.83	18.72	19.8	0.0
50	QPSK	1	135	18.73	18.77	18.75		
50	QPSK	1	268	18.70	18.74	18.68		
50	QPSK	135	0	18.65	18.77	18.73	19.8	0.0
50	QPSK	135	68	18.70	18.78	18.70	19.8	0.0
50	QPSK	135	135	18.71	18.77	18.67	19.8	0.0
50	QPSK	270	0	18.65	18.75	18.74		
50	16QAM	1	1	18.67	18.69	18.66	19.8	0.0
50	64QAM	1	1	18.66	18.77	18.73	19.8	0.0
50	256QAM	1	1	18.23	18.27	18.22	19.3	0.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.57	18.65	18.62	19.8	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.66	18.66	18.58	19.8	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.60	18.68	18.64	19.8	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.67	18.71	18.64	19.8	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.59	18.73	18.60	19.8	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.67	18.72	18.67	19.8	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.64	18.65	18.67	19.8	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.58	18.71	18.57	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.57	18.53	18.56	19.7	0.0
45	PI/2 BPSK	1	120	18.49	18.57	18.50		
45	PI/2 BPSK	1	240	18.57	18.58	18.51		
45	PI/2 BPSK	120	0	18.57	18.56	18.50	19.7	0.0
45	PI/2 BPSK	120	60	18.51	18.54	18.57	19.7	0.0
45	PI/2 BPSK	120	120	18.53	18.57	18.53	19.7	0.0
45	PI/2 BPSK	240	0	18.48	18.58	18.49		
45	QPSK	1	1	18.50	18.65	18.53	19.7	0.0
45	QPSK	1	120	18.54	18.53	18.50		
45	QPSK	1	240	18.50	18.53	18.54		
45	QPSK	120	0	18.57	18.60	18.55	19.7	0.0
45	QPSK	120	60	18.53	18.63	18.51	19.7	0.0
45	QPSK	120	120	18.50	18.58	18.58	19.7	0.0
45	QPSK	240	0	18.47	18.53	18.52		
45	16QAM	1	1	18.51	18.54	18.53	19.7	0.0
45	64QAM	1	1	18.56	18.64	18.58	19.7	0.0
45	256QAM	1	1	17.52	17.68	17.57	18.7	1.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.35	18.38	18.44	19.7	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.41	18.46	18.46	19.7	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.36	18.47	18.48	19.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.36	18.46	18.38	19.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.46	18.39	18.37	19.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.43	18.49	18.40	19.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.46	18.45	18.46	19.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.38	18.40	18.39	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	18.25	18.33	18.19	19.1	0.0
40	Pi/2 BPSK	1	53	18.21	18.33	18.23		
40	Pi/2 BPSK	1	104	18.17	18.25	18.23		
40	Pi/2 BPSK	50	0	18.19	18.28	18.26	19.1	0.0
40	Pi/2 BPSK	50	28	18.20	18.25	18.20	19.1	0.0
40	Pi/2 BPSK	50	56	18.19	18.34	18.19	19.1	0.0
40	Pi/2 BPSK	100	0	18.19	18.27	18.26		
40	QPSK	1	1	18.17	18.35	18.29	19.1	0.0
40	QPSK	1	53	18.26	18.28	18.27		
40	QPSK	1	104	18.22	18.26	18.27		
40	QPSK	50	0	18.17	18.30	18.21	19.1	0.0
40	QPSK	50	28	18.22	18.33	18.28	19.1	0.0
40	QPSK	50	56	18.29	18.23	18.21	19.1	0.0
40	QPSK	100	0	18.28	18.32	18.20		
40	16QAM	1	1	18.18	18.27	18.24	19.1	0.0
40	64QAM	1	1	18.25	18.26	18.30	19.1	0.0
40	256QAM	1	1	18.28	18.29	18.24	19.1	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.04	18.17	18.18	19.1	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.10	18.24	18.19	19.1	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.04	18.28	18.16	19.1	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.02	18.27	18.14	19.1	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.02	18.23	18.24	19.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	19.22	19.32	19.22	20.2	0.0
100	Pi/2 BPSK	1	137	19.17	19.32	19.22		
100	Pi/2 BPSK	1	271	19.13	19.35	19.17		
100	Pi/2 BPSK	135	0	19.17	19.24	19.25	20.2	0.0
100	Pi/2 BPSK	135	69	19.20	19.33	19.22	20.2	0.0
100	Pi/2 BPSK	135	138	19.19	19.34	19.19	20.2	0.0
100	Pi/2 BPSK	270	0	19.16	19.29	19.17		
100	QPSK	1	1	19.22	19.36	19.16	20.2	0.0
100	QPSK	1	137	19.18	19.27	19.22		
100	QPSK	1	271	19.13	19.32	19.16		
100	QPSK	135	0	19.16	19.32	19.19	20.2	0.0
100	QPSK	135	69	19.15	19.33	19.25	20.2	0.0
100	QPSK	135	138	19.16	19.24	19.26	20.2	0.0
100	QPSK	270	0	19.17	19.28	19.27		
100	16QAM	1	1	19.23	19.28	19.18	20.2	0.0
100	64QAM	1	1	19.17	19.30	19.28	20.2	0.0
100	256QAM	1	1	18.27	18.35	18.21	19.2	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.11	19.24	19.04	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.10	19.23	19.11	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.11	19.24	19.06	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.08	19.19	19.08	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.08	19.28	19.06	20.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.17	19.19	19.06	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.06	19.25	19.01	20.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.18	19.26	19.06	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.11	19.30	19.01	20.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.06	19.19	19.09	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.07	19.21	19.08	20.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.18	19.27	19.03	20.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.06	19.28	19.01	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	23.83	23.96	23.75	25.7	0.0
100	π/2 BPSK	1	137	23.92	23.98	23.78		
100	π/2 BPSK	1	271	23.89	23.95	23.81		
100	π/2 BPSK	135	0	23.36	23.61	23.39	25.2	0.5
100	π/2 BPSK	135	69	23.86	23.92	23.87	25.7	0.0
100	π/2 BPSK	135	138	23.42	23.57	23.40	25.2	0.5
100	π/2 BPSK	270	0	23.43	23.55	23.42		
100	QPSK	1	1	23.72	24.13	24.06	25.7	0.0
100	QPSK	1	137	23.95	23.91	23.83		
100	QPSK	1	271	23.84	23.94	23.80		
100	QPSK	135	0	22.91	23.05	22.91	24.7	1.0
100	QPSK	135	69	23.96	23.98	23.75	25.7	0.0
100	QPSK	135	138	23.00	23.04	22.79	24.7	1.0
100	QPSK	270	0	22.98	23.07	22.92		
100	16QAM	1	1	22.96	23.10	22.82	24.7	1.0
100	64QAM	1	1	21.51	21.58	21.35	23.2	2.5
100	256QAM	1	1	19.47	19.56	19.34	21.2	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.93	23.99	23.94	25.7	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.90	24.00	23.91	25.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.97	24.02	23.95	25.7	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.94	24.05	23.99	25.7	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.98	24.03	24.00	25.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.95	24.09	23.91	25.7	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.91	24.09	23.94	25.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.93	24.07	24.00	25.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.97	24.05	23.98	25.7	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.96	24.05	23.92	25.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.98	24.03	23.93	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.95	25.98	25.96	27.5	0.0
100	π/2 BPSK	1	137	25.92	25.99	25.88		
100	π/2 BPSK	1	271	25.95	26.07	25.84		
100	π/2 BPSK	135	0	25.35	25.53	25.36	27.0	0.5
100	π/2 BPSK	135	69	25.99	26.02	25.83	27.5	0.0
100	π/2 BPSK	135	138	25.51	25.58	25.53	27.0	0.5
100	π/2 BPSK	270	0	25.45	25.71	25.36		
100	QPSK	1	1	25.91	26.16	26.11	27.5	0.0
100	QPSK	1	137	26.02	26.05	25.82		
100	QPSK	1	271	25.92	26.12	25.86		
100	QPSK	135	0	25.01	25.10	24.93	26.5	1.0
100	QPSK	135	69	26.00	26.04	25.84	27.5	0.0
100	QPSK	135	138	24.98	25.08	24.76	26.5	1.0
100	QPSK	270	0	25.00	25.07	24.96		
100	16QAM	1	1	25.03	25.11	24.93	26.5	1.0
100	64QAM	1	1	23.64	23.68	23.35	25.0	2.5
100	256QAM	1	1	21.52	21.61	21.37	23.0	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.86	26.00	25.96	27.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.86	26.12	26.01	27.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.81	26.10	25.96	27.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.84	26.00	25.96	27.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.80	26.07	25.95	27.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.76	26.11	25.99	27.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.80	26.06	26.00	27.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.78	26.12	26.00	27.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.79	26.09	25.96	27.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.81	26.05	26.00	27.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.76	26.01	26.02	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.79		25.7	0.0
100	π/2 BPSK	1	137		23.76			
100	π/2 BPSK	1	271		23.78			
100	π/2 BPSK	135	0		23.37		25.2	0.5
100	π/2 BPSK	135	69		23.71		25.7	0.0
100	π/2 BPSK	135	138		23.33		25.2	0.5
100	π/2 BPSK	270	0		23.38			
100	QPSK	1	1		23.94		25.7	0.0
100	QPSK	1	137		23.72			
100	QPSK	1	271		23.74			
100	QPSK	135	0		22.86		24.7	1.0
100	QPSK	135	69		23.81		25.7	0.0
100	QPSK	135	138		22.79		24.7	1.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.95		24.7	1.0
100	64QAM	1	1		21.33		23.2	2.5
100	256QAM	1	1		19.39		21.2	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.78	23.89	23.81	25.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.78	23.83	23.84	25.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.83	23.86	23.78	25.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.83	23.85	23.89	25.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.85	23.84	23.83	25.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.85	23.82	23.84	25.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.81	23.87	23.78	25.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.82	23.78	23.81	25.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.82	23.83	23.89	25.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.87	23.83	23.88	25.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.87	23.82	23.81	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.76		27.5	0.0
100	π/2 BPSK	1	137		25.75			
100	π/2 BPSK	1	271		25.84			
100	π/2 BPSK	135	0		25.36		27.0	0.5
100	π/2 BPSK	135	69		25.77		27.5	0.0
100	π/2 BPSK	135	138		25.42		27.0	0.5
100	π/2 BPSK	270	0		25.50			
100	QPSK	1	1		25.88		27.5	0.0
100	QPSK	1	137		25.81			
100	QPSK	1	271		25.82			
100	QPSK	135	0		24.96		26.5	1.0
100	QPSK	135	69		25.83		27.5	0.0
100	QPSK	135	138		24.85		26.5	1.0
100	QPSK	270	0		24.85			
100	16QAM	1	1		24.86		26.5	1.0
100	64QAM	1	1		23.45		25.0	2.5
100	256QAM	1	1		21.40		23.0	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.72	25.81	25.78	27.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.82	25.77	25.76	27.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.81	25.78	25.80	27.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.81	25.80	25.78	27.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.76	25.73	25.79	27.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.82	25.77	25.80	27.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.75	25.81	25.70	27.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.77	25.81	25.79	27.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.77	25.81	25.72	27.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.74	25.73	25.75	27.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.70	25.81	25.78	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	π/2 BPSK	1	1		24.04		24.9	0.0
100	π/2 BPSK	1	137		24.02			
100	π/2 BPSK	1	271		23.99			
100	π/2 BPSK	135	0		23.57		24.4	0.5
100	π/2 BPSK	135	69		23.96		24.9	0.0
100	π/2 BPSK	135	138		23.50		24.4	0.5
100	π/2 BPSK	270	0		23.54			
100	QPSK	1	1		24.13		24.9	0.0
100	QPSK	1	137		23.92			
100	QPSK	1	271		23.95			
100	QPSK	135	0		23.01		23.9	1.0
100	QPSK	135	69		23.95		24.9	0.0
100	QPSK	135	138		23.02		23.9	1.0
100	QPSK	270	0		23.11			
100	16QAM	1	1		23.13		23.9	1.0
100	64QAM	1	1		21.52		22.4	2.5
100	256QAM	1	1		19.64		20.4	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.98	24.06	24.00	24.9	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.89	23.97	23.89	24.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.87	23.99	23.97	24.9	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.93	24.03	23.98	24.9	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.97	24.04	23.99	24.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.94	23.95	23.96	24.9	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.91	23.95	23.90	24.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.96	24.06	23.95	24.9	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.94	24.03	23.89	24.9	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.88	23.98	23.91	24.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.96	24.05	23.90	24.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		25.98		26.8	0.0
100	π/2 BPSK	1	137		25.88			
100	π/2 BPSK	1	271		25.89			
100	π/2 BPSK	135	0		25.48		26.3	0.5
100	π/2 BPSK	135	69		25.81		26.8	0.0
100	π/2 BPSK	135	138		25.35		26.3	0.5
100	π/2 BPSK	270	0		25.43			
100	QPSK	1	1		26.03		26.8	0.0
100	QPSK	1	137		25.79			
100	QPSK	1	271		25.85			
100	QPSK	135	0		24.96		25.8	1.0
100	QPSK	135	69		25.83		26.8	0.0
100	QPSK	135	138		24.93		25.8	1.0
100	QPSK	270	0		24.95			
100	16QAM	1	1		25.05		25.8	1.0
100	64QAM	1	1		23.44		24.3	2.5
100	256QAM	1	1		21.60		22.3	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.86	25.91	25.84	26.8	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.85	25.95	25.89	26.8	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.92	25.99	25.85	26.8	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.82	26.00	25.93	26.8	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.84	25.97	25.92	26.8	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.85	25.98	25.93	26.8	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.93	26.00	25.85	26.8	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.94	26.01	25.88	26.8	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.89	26.00	25.90	26.8	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.91	26.00	25.94	26.8	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.85	25.95	25.96	26.8	0.0

Part27Q n78 Ant10 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.61		24.9	0.0
100	π/2 BPSK	1	137		23.61			
100	π/2 BPSK	1	271		23.64			
100	π/2 BPSK	135	0		23.14		24.4	0.5
100	π/2 BPSK	135	69		23.53		24.9	0.0
100	π/2 BPSK	135	138		23.05		24.4	0.5
100	π/2 BPSK	270	0		23.16			
100	QPSK	1	1		23.74		24.9	0.0
100	QPSK	1	137		23.47			
100	QPSK	1	271		23.56			
100	QPSK	135	0		22.57		23.9	1.0
100	QPSK	135	69		23.54		24.9	0.0
100	QPSK	135	138		22.66		23.9	1.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.69		23.9	1.0
100	64QAM	1	1		21.09		22.4	2.5
100	256QAM	1	1		19.24		20.4	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.58	23.67	23.64	24.9	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.56	23.64	23.55	24.9	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.55	23.63	23.59	24.9	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.54	23.65	23.58	24.9	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.53	23.64	23.57	24.9	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.63	23.67	23.55	24.9	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.56	23.62	23.59	24.9	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.55	23.65	23.61	24.9	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.63	23.65	23.60	24.9	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.58	23.71	23.63	24.9	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.60	23.67	23.65	24.9	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.56		26.8	0.0
100	π/2 BPSK	1	137		25.46			
100	π/2 BPSK	1	271		25.55			
100	π/2 BPSK	135	0		25.02		26.3	0.5
100	π/2 BPSK	135	69		25.42		26.8	0.0
100	π/2 BPSK	135	138		24.90		26.3	0.5
100	π/2 BPSK	270	0		25.06			
100	QPSK	1	1		25.64		26.8	0.0
100	QPSK	1	137		25.32			
100	QPSK	1	271		25.51			
100	QPSK	135	0		24.43		25.8	1.0
100	QPSK	135	69		25.39		26.8	0.0
100	QPSK	135	138		24.52		25.8	1.0
100	QPSK	270	0		24.56			
100	16QAM	1	1		24.53		25.8	1.0
100	64QAM	1	1		22.99		24.3	2.5
100	256QAM	1	1		21.11		22.3	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.43	25.60	25.59	26.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.45	25.59	25.57	26.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.45	25.58	25.49	26.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.44	25.53	25.57	26.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.45	25.56	25.52	26.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.43	25.54	25.55	26.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.44	25.54	25.55	26.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.45	25.62	25.48	26.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.45	25.51	25.49	26.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.45	25.52	25.50	26.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.48	25.60	25.49	26.8	0.0

Reduced Power Mode for DSI3_Other PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	16.72	16.80	16.66	17.5	0.0
50	PI/2 BPSK	1	135	16.80	16.83	16.69		
50	PI/2 BPSK	1	268	16.80	16.83	16.74		
50	PI/2 BPSK	135	0	16.83	16.86	16.71	17.5	0.0
50	PI/2 BPSK	135	68	16.72	16.87	16.72	17.5	0.0
50	PI/2 BPSK	135	135	16.77	16.76	16.66	17.5	0.0
50	PI/2 BPSK	270	0	16.76	16.82	16.66		
50	QPSK	1	1	16.74	16.89	16.70	17.5	0.0
50	QPSK	1	135	16.81	16.76	16.72		
50	QPSK	1	268	16.77	16.85	16.74		
50	QPSK	135	0	16.82	16.83	16.65	17.5	0.0
50	QPSK	135	68	16.78	16.85	16.72	17.5	0.0
50	QPSK	135	135	16.81	16.84	16.69	17.5	0.0
50	QPSK	270	0	16.82	16.83	16.64		
50	16QAM	1	1	16.78	16.77	16.65	17.5	0.0
50	64QAM	1	1	16.77	16.79	16.71	17.5	0.0
50	256QAM	1	1	16.75	16.86	16.66	17.5	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.59	16.72	16.62	17.5	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.64	16.69	16.64	17.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.69	16.66	16.64	17.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.70	16.71	16.62	17.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.59	16.68	16.60	17.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.64	16.73	16.54	17.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.66	16.76	16.61	17.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.68	16.66	16.63	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	18.24	18.36	18.27	19.3	0.0
45	PI/2 BPSK	1	120	18.26	18.31	18.21		
45	PI/2 BPSK	1	240	18.32	18.37	18.26		
45	PI/2 BPSK	120	0	18.31	18.29	18.26	19.3	0.0
45	PI/2 BPSK	120	60	18.24	18.33	18.29	19.3	0.0
45	PI/2 BPSK	120	120	18.24	18.27	18.30	19.3	0.0
45	PI/2 BPSK	240	0	18.28	18.34	18.26		
45	QPSK	1	1	18.25	18.38	18.23	19.3	0.0
45	QPSK	1	120	18.35	18.31	18.20		
45	QPSK	1	240	18.31	18.27	18.25		
45	QPSK	120	0	18.25	18.32	18.23	19.3	0.0
45	QPSK	120	60	18.27	18.35	18.25	19.3	0.0
45	QPSK	120	120	18.30	18.32	18.30	19.3	0.0
45	QPSK	240	0	18.33	18.34	18.29		
45	16QAM	1	1	18.29	18.29	18.25	19.3	0.0
45	64QAM	1	1	18.26	18.37	18.29	19.3	0.0
45	256QAM	1	1	17.23	17.33	17.28	18.3	1.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.16	18.30	18.18	19.3	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.12	18.23	18.14	19.3	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.11	18.24	18.10	19.3	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.13	18.21	18.11	19.3	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.19	18.26	18.13	19.3	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.17	18.29	18.11	19.3	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.19	18.26	18.07	19.3	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.13	18.26	18.13	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	17.21	17.31	17.18	18.0	0.0
40	π/2 BPSK	1	53	17.16	17.24	17.26		
40	π/2 BPSK	1	104	17.26	17.30	17.21		
40	π/2 BPSK	50	0	17.25	17.30	17.22	18.0	0.0
40	π/2 BPSK	50	28	17.27	17.22	17.18	18.0	0.0
40	π/2 BPSK	50	56	17.18	17.22	17.27	18.0	0.0
40	π/2 BPSK	100	0	17.21	17.25	17.25		
40	QPSK	1	1	17.16	17.32	17.19	18.0	0.0
40	QPSK	1	53	17.16	17.22	17.27		
40	QPSK	1	104	17.23	17.27	17.19		
40	QPSK	50	0	17.22	17.21	17.21	18.0	0.0
40	QPSK	50	28	17.19	17.29	17.26	18.0	0.0
40	QPSK	50	56	17.20	17.25	17.28	18.0	0.0
40	QPSK	100	0	17.22	17.31	17.19		
40	16QAM	1	1	17.26	17.21	17.28	18.0	0.0
40	64QAM	1	1	17.26	17.21	17.28	18.0	0.0
40	256QAM	1	1	17.22	17.26	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	1	17.09	17.12	17.11	18.0	0.0
Channel				516504	519000	521496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.07	17.13	17.07	18.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.09	17.15	17.12	18.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.09	17.15	17.05	18.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.06	17.18	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	16.53	16.60	16.55	17.6	0.0
100	π/2 BPSK	1	137	16.52	16.64	16.54		
100	π/2 BPSK	1	271	16.52	16.60	16.56		
100	π/2 BPSK	135	0	16.51	16.58	16.58	17.6	0.0
100	π/2 BPSK	135	69	16.60	16.65	16.51	17.6	0.0
100	π/2 BPSK	135	138	16.55	16.59	16.57	17.6	0.0
100	π/2 BPSK	270	0	16.55	16.64	16.58		
100	QPSK	1	1	16.58	16.69	16.61	17.6	0.0
100	QPSK	1	137	16.53	16.66	16.54		
100	QPSK	1	271	16.54	16.61	16.54		
100	QPSK	135	0	16.63	16.60	16.50	17.6	0.0
100	QPSK	135	69	16.58	16.66	16.59	17.6	0.0
100	QPSK	135	138	16.59	16.65	16.57	17.6	0.0
100	QPSK	270	0	16.61	16.65	16.56		
100	16QAM	1	1	16.52	16.58	16.53	17.6	0.0
100	64QAM	1	1	16.56	16.61	16.62	17.6	0.0
100	256QAM	1	1	16.55	16.55	16.60	17.6	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.53	16.59	16.46	17.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.48	16.51	16.56	17.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.54	16.52	16.50	17.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.51	16.50	16.47	17.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.52	16.52	16.46	17.6	0.0
Channel				503700	518598	533496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.48	16.54	16.56	17.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.51	16.57	16.55	17.6	0.0
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.44	16.50	16.57	17.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.54	16.56	16.57	17.6	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	16.48	16.51	16.48	17.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.44	16.56	16.49	17.6	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.44	16.55	16.47	17.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.44	16.54	16.56	17.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	15.81	15.98	15.90	17.3	0.0
100	π/2 BPSK	1	137	15.87	16.00	15.97		
100	π/2 BPSK	1	271	15.87	16.00	15.94		
100	π/2 BPSK	135	0	15.91	15.91	15.88	17.3	0.0
100	π/2 BPSK	135	69	15.87	15.89	15.88	17.3	0.0
100	π/2 BPSK	135	138	15.87	15.93	15.91	17.3	0.0
100	π/2 BPSK	270	0	15.88	15.99	15.98		
100	QPSK	1	1	15.91	16.05	15.90	17.3	0.0
100	QPSK	1	137	15.88	16.00	15.96		
100	QPSK	1	271	15.92	15.92	15.92		
100	QPSK	135	0	15.92	15.90	15.92	17.3	0.0
100	QPSK	135	69	15.81	15.98	15.92	17.3	0.0
100	QPSK	135	138	15.85	15.96	15.89	17.3	0.0
100	QPSK	270	0	15.91	15.95	15.88		
100	16QAM	1	1	15.88	15.99	15.96	17.3	0.0
100	64QAM	1	1	15.89	15.96	15.93	17.3	0.0
100	256QAM	1	1	15.86	15.90	15.88	17.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	15.77	15.82	15.75	17.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.84	15.88	15.86	17.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	15.75	15.83	15.83	17.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.80	15.88	15.79	17.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.77	15.84	15.86	17.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.82	15.86	15.86	17.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.86	15.90	15.75	17.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	15.77	15.91	15.86	17.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.85	15.82	15.81	17.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	15.76	15.82	15.79	17.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	15.75	15.83	15.77	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	π/2 BPSK	1	1	18.82	18.96	18.85	20.3	0.0
100	π/2 BPSK	1	137	18.86	19.03	18.96		
100	π/2 BPSK	1	271	18.87	19.03	18.98		
100	π/2 BPSK	135	0	18.90	18.94	18.86	20.3	0.0
100	π/2 BPSK	135	69	18.87	18.90	18.91	20.3	0.0
100	π/2 BPSK	135	138	18.81	18.93	18.96	20.3	0.0
100	π/2 BPSK	270	0	18.87	19.05	18.95		
100	QPSK	1	1	18.93	19.10	18.86	20.3	0.0
100	QPSK	1	137	18.85	19.04	18.96		
100	QPSK	1	271	18.91	18.87	18.96		
100	QPSK	135	0	18.88	18.87	18.95	20.3	0.0
100	QPSK	135	69	18.84	19.01	18.98	20.3	0.0
100	QPSK	135	138	18.89	18.92	18.92	20.3	0.0
100	QPSK	270	0	18.94	19.00	18.92		
100	16QAM	1	1	18.92	19.04	18.98	20.3	0.0
100	64QAM	1	1	18.87	18.99	18.93	20.3	0.0
100	256QAM	1	1	18.88	18.95	18.83	20.3	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	18.86	18.95	18.74	20.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.79	18.99	18.72	20.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.78	19.05	18.74	20.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.84	19.04	18.75	20.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	18.88	18.98	18.78	20.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.80	18.95	18.74	20.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.86	19.05	18.79	20.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.80	18.98	18.72	20.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	18.81	19.05	18.80	20.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.80	19.01	18.76	20.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.86	18.98	18.76	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		15.64		17.3	0.0
100	π/2 BPSK	1	137		15.68			
100	π/2 BPSK	1	271		15.69			
100	π/2 BPSK	135	0		15.71		17.3	0.0
100	π/2 BPSK	135	69		15.66		17.3	0.0
100	π/2 BPSK	135	138		15.75		17.3	0.0
100	π/2 BPSK	270	0		15.72			
100	QPSK	1	1		15.76		17.3	0.0
100	QPSK	1	137		15.70			
100	QPSK	1	271		15.73			
100	QPSK	135	0		15.69		17.3	0.0
100	QPSK	135	69		15.70		17.3	0.0
100	QPSK	135	138		15.68		17.3	0.0
100	QPSK	270	0		15.69			
100	16QAM	1	1		15.72		17.3	0.0
100	64QAM	1	1		15.67		17.3	0.0
100	256QAM	1	1		15.64		17.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.58	15.65	15.66	17.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.66	15.61	15.58	17.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.59	15.63	15.63	17.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.66	15.61	15.56	17.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.61	15.57	15.66	17.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.58	15.65	15.65	17.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.57	15.65	15.59	17.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.61	15.56	15.62	17.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.59	15.66	15.62	17.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.60	15.67	15.67	17.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.55	15.56	15.63	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		18.60		20.3	0.0
100	π/2 BPSK	1	137		18.65			
100	π/2 BPSK	1	271		18.75			
100	π/2 BPSK	135	0		18.72		20.3	0.0
100	π/2 BPSK	135	69		18.68		20.3	0.0
100	π/2 BPSK	135	138		18.71		20.3	0.0
100	π/2 BPSK	270	0		18.75			
100	QPSK	1	1		18.76		20.3	0.0
100	QPSK	1	137		18.68			
100	QPSK	1	271		18.70			
100	QPSK	135	0		18.68		20.3	0.0
100	QPSK	135	69		18.74		20.3	0.0
100	QPSK	135	138		18.67		20.3	0.0
100	QPSK	270	0		18.66			
100	16QAM	1	1		18.66		20.3	0.0
100	64QAM	1	1		18.67		20.3	0.0
100	256QAM	1	1		18.60		20.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.63	18.58	18.64	20.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.60	18.65	18.58	20.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.62	18.56	18.65	20.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.67	18.60	18.63	20.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.59	18.67	18.67	20.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.59	18.60	18.64	20.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.61	18.63	18.64	20.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.60	18.66	18.62	20.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.57	18.58	18.56	20.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.59	18.67	18.66	20.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.56	18.67	18.59	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			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		15.89		17.0	0.0
100	π/2 BPSK	1	137		15.89			
100	π/2 BPSK	1	271		15.87			
100	π/2 BPSK	135	0		15.80		17.0	0.0
100	π/2 BPSK	135	69		15.79		17.0	0.0
100	π/2 BPSK	135	138		15.84		17.0	0.0
100	π/2 BPSK	270	0		15.83			
100	QPSK	1	1		15.91		17.0	0.0
100	QPSK	1	137		15.82			
100	QPSK	1	271		15.83			
100	QPSK	135	0		15.85		17.0	0.0
100	QPSK	135	69		15.86		17.0	0.0
100	QPSK	135	138		15.78		17.0	0.0
100	QPSK	270	0		15.80			
100	16QAM	1	1		15.87		17.0	0.0
100	64QAM	1	1		15.86		17.0	0.0
100	256QAM	1	1		15.81		17.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	15.76	15.77	15.71	17.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	15.76	15.75	15.77	17.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	15.77	15.74	15.76	17.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	15.82	15.72	15.77	17.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	15.72	15.74	15.79	17.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	15.75	15.75	15.73	17.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	15.78	15.73	15.80	17.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	15.77	15.75	15.77	17.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	15.75	15.80	15.75	17.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	15.74	15.82	15.75	17.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	15.81	15.72	15.73	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	π/2 BPSK	1	1		18.84		20.0	0.0
100	π/2 BPSK	1	137		18.83			
100	π/2 BPSK	1	271		18.85			
100	π/2 BPSK	135	0		18.86		20.0	0.0
100	π/2 BPSK	135	69		18.80		20.0	0.0
100	π/2 BPSK	135	138		18.83		20.0	0.0
100	π/2 BPSK	270	0		18.88			
100	QPSK	1	1		18.89		20.0	0.0
100	QPSK	1	137		18.80			
100	QPSK	1	271		18.85			
100	QPSK	135	0		18.80		20.0	0.0
100	QPSK	135	69		18.86		20.0	0.0
100	QPSK	135	138		18.75		20.0	0.0
100	QPSK	270	0		18.78			
100	16QAM	1	1		18.70		20.0	0.0
100	64QAM	1	1		18.80		20.0	0.0
100	256QAM	1	1		18.82		20.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.77	18.75	18.75	20.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.83	18.74	18.76	20.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.74	18.74	18.83	20.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.74	18.74	18.77	20.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.83	18.76	18.76	20.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.78	18.75	18.81	20.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.74	18.76	18.75	20.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.78	18.80	18.73	20.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.81	18.75	18.73	20.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.82	18.75	18.75	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.74	18.81	18.80	20.0	0.0

Part27Q n78 Ant5 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		15.36		17.0	0.0
100	π/2 BPSK	1	137		15.41			
100	π/2 BPSK	1	271		15.36			
100	π/2 BPSK	135	0		15.33		17.0	0.0
100	π/2 BPSK	135	69		15.26		17.0	0.0
100	π/2 BPSK	135	138		15.38		17.0	0.0
100	π/2 BPSK	270	0		15.31			
100	QPSK	1	1		15.45		17.0	0.0
100	QPSK	1	137		15.36			
100	QPSK	1	271		15.38			
100	QPSK	135	0		15.31		17.0	0.0
100	QPSK	135	69		15.35		17.0	0.0
100	QPSK	135	138		15.22		17.0	0.0
100	QPSK	270	0		15.33			
100	16QAM	1	1		15.31		17.0	0.0
100	64QAM	1	1		15.37		17.0	0.0
100	256QAM	1	1		15.33		17.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	15.22	15.19	15.23	17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	15.19	15.20	15.17	17.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	15.21	15.19	15.18	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	15.21	15.29	15.23	17.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	15.27	15.19	15.27	17.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	15.22	15.19	15.27	17.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	15.18	15.26	15.25	17.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	15.20	15.28	15.22	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	15.25	15.25	15.21	17.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	15.24	15.29	15.19	17.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	15.24	15.23	15.22	17.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		18.31		20.0	0.0
100	π/2 BPSK	1	137		18.46			
100	π/2 BPSK	1	271		18.34			
100	π/2 BPSK	135	0		18.33		20.0	0.0
100	π/2 BPSK	135	69		18.28		20.0	0.0
100	π/2 BPSK	135	138		18.43		20.0	0.0
100	π/2 BPSK	270	0		18.27			
100	QPSK	1	1		18.47		20.0	0.0
100	QPSK	1	137		18.39			
100	QPSK	1	271		18.41			
100	QPSK	135	0		18.31		20.0	0.0
100	QPSK	135	69		18.35		20.0	0.0
100	QPSK	135	138		18.17		20.0	0.0
100	QPSK	270	0		18.28			
100	16QAM	1	1		18.32		20.0	0.0
100	64QAM	1	1		18.35		20.0	0.0
100	256QAM	1	1		18.35		20.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.21	18.15	18.23	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.14	18.22	18.22	20.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.15	18.23	18.18	20.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.20	18.16	18.14	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.13	18.22	18.20	20.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.13	18.20	18.20	20.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.25	18.23	18.17	20.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.18	18.15	18.20	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.21	18.14	18.14	20.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.20	18.23	18.15	20.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.18	18.16	18.21	20.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.97	19.03	18.97	20.2	0.0
50	PI/2 BPSK	1	135	19.05	19.10	19.02		
50	PI/2 BPSK	1	268	18.96	19.05	19.01		
50	PI/2 BPSK	135	0	19.07	19.10	19.03	20.2	0.0
50	PI/2 BPSK	135	68	19.06	19.03	19.05	20.2	0.0
50	PI/2 BPSK	135	135	18.96	19.04	19.02	20.2	0.0
50	PI/2 BPSK	270	0	19.00	19.11	19.03		
50	QPSK	1	1	19.02	19.12	19.00	20.2	0.0
50	QPSK	1	135	19.07	19.06	19.07		
50	QPSK	1	268	18.99	19.11	18.98		
50	QPSK	135	0	19.01	19.04	19.00	20.2	0.0
50	QPSK	135	68	19.03	19.10	18.98	20.2	0.0
50	QPSK	135	135	19.05	19.09	19.01	20.2	0.0
50	QPSK	270	0	19.03	19.07	19.06		
50	16QAM	1	1	18.95	19.04	19.03	20.2	0.0
50	64QAM	1	1	19.05	19.06	18.96	20.2	0.0
50	256QAM	1	1	18.99	19.09	19.00	20.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.96	18.97	18.89	20.2	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.86	19.02	18.95	20.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.97	19.03	18.90	20.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.87	18.96	18.89	20.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.94	19.02	18.89	20.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.93	18.96	18.90	20.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.87	19.04	18.87	20.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.86	19.05	18.89	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.21	21.34	21.09	21.8	0.0
45	PI/2 BPSK	1	120	21.17	21.25	21.16		
45	PI/2 BPSK	1	240	21.21	21.35	21.12		
45	PI/2 BPSK	120	0	21.17	21.24	21.13	21.8	0.0
45	PI/2 BPSK	120	60	21.24	21.34	21.16	21.8	0.0
45	PI/2 BPSK	120	120	21.22	21.24	21.18	21.8	0.0
45	PI/2 BPSK	240	0	21.22	21.34	21.14		
45	QPSK	1	1	21.19	21.36	21.12	21.8	0.0
45	QPSK	1	120	21.16	21.31	21.10		
45	QPSK	1	240	21.14	21.30	21.13		
45	QPSK	120	0	21.21	21.31	21.15	21.8	0.0
45	QPSK	120	60	21.23	21.33	21.09	21.8	0.0
45	QPSK	120	120	21.13	21.31	21.18	21.8	0.0
45	QPSK	240	0	21.17	21.26	21.20		
45	16QAM	1	1	21.18	21.26	21.14	21.8	0.0
45	64QAM	1	1	21.10	21.21	21.00	21.8	0.0
45	256QAM	1	1	20.73	20.83	20.58	21.3	0.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.11	21.17	21.07	21.8	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.08	21.15	20.98	21.8	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.12	21.16	21.05	21.8	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.14	21.14	21.01	21.8	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.05	21.24	21.06	21.8	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.09	21.16	21.02	21.8	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.11	21.19	20.99	21.8	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.04	21.14	21.03	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	19.32	19.40	19.35	20.7	0.0
40	π/2 BPSK	1	53	19.34	19.32	19.29		
40	π/2 BPSK	1	104	19.32	19.31	19.26		
40	π/2 BPSK	50	0	19.33	19.41	19.27	20.7	0.0
40	π/2 BPSK	50	28	19.39	19.37	19.27	20.7	0.0
40	π/2 BPSK	50	56	19.40	19.37	19.33	20.7	0.0
40	π/2 BPSK	100	0	19.32	19.35	19.35		
40	QPSK	1	1	19.36	19.42	19.34	20.7	0.0
40	QPSK	1	53	19.38	19.31	19.36		
40	QPSK	1	104	19.39	19.30	19.37		
40	QPSK	50	0	19.32	19.33	19.28	20.7	0.0
40	QPSK	50	28	19.33	19.37	19.30	20.7	0.0
40	QPSK	50	56	19.32	19.33	19.33	20.7	0.0
40	QPSK	100	0	19.30	19.32	19.27		
40	16QAM	1	1	19.36	19.41	19.32	20.7	0.0
40	64QAM	1	1	19.29	19.36	19.35	20.7	0.0
40	256QAM	1	1	18.86	18.88	18.87	20.2	0.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.30	19.17	19.22	20.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.22	19.29	19.23	20.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.24	19.27	19.23	20.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.30	19.24	19.30	20.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.23	19.18	19.22	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	18.66	18.77	18.74	20.2	0.0
100	π/2 BPSK	1	137	18.66	18.71	18.72		
100	π/2 BPSK	1	271	18.62	18.72	18.70		
100	π/2 BPSK	135	0	18.68	18.76	18.75	20.2	0.0
100	π/2 BPSK	135	69	18.63	18.74	18.78	20.2	0.0
100	π/2 BPSK	135	138	18.65	18.78	18.68	20.2	0.0
100	π/2 BPSK	270	0	18.63	18.73	18.69		
100	QPSK	1	1	18.63	18.79	18.73	20.2	0.0
100	QPSK	1	137	18.68	18.73	18.74		
100	QPSK	1	271	18.71	18.78	18.75		
100	QPSK	135	0	18.71	18.76	18.73	20.2	0.0
100	QPSK	135	69	18.68	18.78	18.72	20.2	0.0
100	QPSK	135	138	18.66	18.70	18.76	20.2	0.0
100	QPSK	270	0	18.69	18.75	18.70		
100	16QAM	1	1	18.65	18.76	18.78	20.2	0.0
100	64QAM	1	1	18.71	18.70	18.72	20.2	0.0
100	256QAM	1	1	18.66	18.71	18.71	20.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.49	18.70	18.59	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.57	18.62	18.68	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.51	18.70	18.63	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.53	18.59	18.66	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.50	18.69	18.62	20.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.58	18.64	18.61	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.55	18.68	18.58	20.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.53	18.64	18.67	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.54	18.69	18.64	20.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.55	18.67	18.58	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.57	18.68	18.64	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	21.66	21.68	21.58	23.0	0.0
40	π/2 BPSK	1	53	21.63	21.68	21.52		
40	π/2 BPSK	1	104	21.67	21.69	21.60		
40	π/2 BPSK	50	0	21.60	21.63	21.61	23.0	0.0
40	π/2 BPSK	50	28	21.62	21.65	21.51	23.0	0.0
40	π/2 BPSK	50	56	21.62	21.64	21.59	23.0	0.0
40	π/2 BPSK	100	0	21.62	21.66	21.59		
40	QPSK	1	1	21.58	21.75	21.52	23.0	0.0
40	QPSK	1	53	21.60	21.72	21.53		
40	QPSK	1	104	21.58	21.70	21.59		
40	QPSK	50	0	21.58	21.64	21.58	23.0	0.0
40	QPSK	50	28	21.58	21.67	21.51	23.0	0.0
40	QPSK	50	56	21.63	21.66	21.52	23.0	0.0
40	QPSK	100	0	21.59	21.65	21.51		
40	16QAM	1	1	21.58	21.69	21.60	23.0	0.0
40	64QAM	1	1	20.61	20.67	20.55	22.0	1.0
40	256QAM	1	1	18.59	18.64	18.47	20.0	3.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.46	21.53	21.48	23.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.47	21.48	21.48	23.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.46	21.50	21.44	23.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.47	21.58	21.39	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	19.79	19.86	19.86	20.0	0.0
100	π/2 BPSK	1	137	19.80	19.90	19.79		
100	π/2 BPSK	1	271	19.81	19.89	19.89		
100	π/2 BPSK	135	0	19.82	19.89	19.81	20.0	0.0
100	π/2 BPSK	135	69	19.79	19.86	19.82	20.0	0.0
100	π/2 BPSK	135	138	19.84	19.86	19.80	20.0	0.0
100	π/2 BPSK	270	0	19.82	19.91	19.87		
100	QPSK	1	1	19.76	19.95	19.84	20.0	0.0
100	QPSK	1	137	19.82	19.84	19.84		
100	QPSK	1	271	19.75	19.92	19.88		
100	QPSK	135	0	19.77	19.92	19.88	20.0	0.0
100	QPSK	135	69	19.79	19.93	19.79	20.0	0.0
100	QPSK	135	138	19.77	19.87	19.80	20.0	0.0
100	QPSK	270	0	19.85	19.86	19.83		
100	16QAM	1	1	19.82	19.90	19.81	20.0	0.0
100	64QAM	1	1	19.80	19.83	19.81	20.0	0.0
100	256QAM	1	1	19.85	19.86	19.86	20.0	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.69	19.75	19.80	20.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.65	19.83	19.77	20.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.61	19.77	19.71	20.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.68	19.75	19.70	20.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.72	19.79	19.71	20.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.67	19.80	19.69	20.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.71	19.83	19.73	20.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.76	19.79	19.75	20.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.67	19.82	19.70	20.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.65	19.79	19.69	20.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.62	19.82	19.79	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	π/2 BPSK	1	1	23.35	23.38	23.31	23.5	0.0
100	π/2 BPSK	1	137	23.31	23.45	23.28		
100	π/2 BPSK	1	271	23.27	23.37	23.45		
100	π/2 BPSK	135	0	23.32	23.39	23.30	23.5	0.0
100	π/2 BPSK	135	69	23.26	23.35	23.35	23.5	0.0
100	π/2 BPSK	135	138	23.39	23.34	23.33	23.5	0.0
100	π/2 BPSK	270	0	23.29	23.37	23.42		
100	QPSK	1	1	23.21	23.48	23.40	23.5	0.0
100	QPSK	1	137	23.34	23.29	23.30		
100	QPSK	1	271	23.21	23.40	23.40		
100	QPSK	135	0	23.32	23.40	23.40	23.5	0.0
100	QPSK	135	69	23.29	23.42	23.24	23.5	0.0
100	QPSK	135	138	23.29	23.38	23.29	23.5	0.0
100	QPSK	270	0	23.37	23.39	23.33		
100	16QAM	1	1	23.28	23.36	23.34	23.5	0.0
100	64QAM	1	1	23.33	23.30	23.26	23.5	0.0
100	256QAM	1	1	23.37	23.36	23.32	23.5	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.13	23.43	23.35	23.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.13	23.42	23.30	23.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.16	23.40	23.28	23.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.07	23.39	23.32	23.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.08	23.35	23.31	23.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.08	23.35	23.32	23.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.10	23.37	23.28	23.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.10	23.33	23.28	23.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.12	23.34	23.35	23.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.16	23.41	23.33	23.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.09	23.38	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.55		20.0	0.0
100	π/2 BPSK	1	137		19.49			
100	π/2 BPSK	1	271		19.53			
100	π/2 BPSK	135	0		19.49		20.0	0.0
100	π/2 BPSK	135	69		19.50		20.0	0.0
100	π/2 BPSK	135	138		19.51		20.0	0.0
100	π/2 BPSK	270	0		19.54			
100	QPSK	1	1		19.58		20.0	0.0
100	QPSK	1	137		19.51			
100	QPSK	1	271		19.44			
100	QPSK	135	0		19.55		20.0	0.0
100	QPSK	135	69		19.56		20.0	0.0
100	QPSK	135	138		19.51		20.0	0.0
100	QPSK	270	0		19.55			
100	16QAM	1	1		19.54		20.0	0.0
100	64QAM	1	1		19.52		20.0	0.0
100	256QAM	1	1		19.47		20.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.46	19.39	19.40	20.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.46	19.38	19.44	20.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.43	19.47	19.46	20.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.40	19.39	19.39	20.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.45	19.44	19.47	20.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.48	19.48	19.44	20.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.45	19.44	19.41	20.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.49	19.46	19.43	20.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.49	19.42	19.50	20.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.44	19.42	19.48	20.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.40	19.43	19.41	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.01		23.5	0.0
100	π/2 BPSK	1	137		23.00			
100	π/2 BPSK	1	271		22.99			
100	π/2 BPSK	135	0		23.00		23.5	0.0
100	π/2 BPSK	135	69		23.00		23.5	0.0
100	π/2 BPSK	135	138		22.98		23.5	0.0
100	π/2 BPSK	270	0		23.08			
100	QPSK	1	1		23.12		23.5	0.0
100	QPSK	1	137		23.04			
100	QPSK	1	271		23.00			
100	QPSK	135	0		23.07		23.5	0.0
100	QPSK	135	69		23.11		23.5	0.0
100	QPSK	135	138		22.97		23.5	0.0
100	QPSK	270	0		23.08			
100	16QAM	1	1		23.05		23.5	0.0
100	64QAM	1	1		23.07		23.5	0.0
100	256QAM	1	1		22.97		23.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.02	23.02	23.06	23.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.97	23.07	22.97	23.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.00	23.04	22.99	23.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.07	23.03	22.98	23.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.01	23.05	23.07	23.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.03	23.05	22.98	23.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.08	23.00	23.03	23.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.03	22.99	23.08	23.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.98	23.04	23.06	23.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.02	22.98	23.01	23.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.98	23.02	23.01	23.5	0.0

Part27O n78 Ant4 DSI3

BW [MHz]	Modulation	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	π/2 BPSK	1	1		19.36		19.5	0.0
100	π/2 BPSK	1	137		19.26			
100	π/2 BPSK	1	271		19.32			
100	π/2 BPSK	135	0		19.33		19.5	0.0
100	π/2 BPSK	135	69		19.27		19.5	0.0
100	π/2 BPSK	135	138		19.29		19.5	0.0
100	π/2 BPSK	270	0		19.30			
100	QPSK	1	1		19.40		19.5	0.0
100	QPSK	1	137		19.28			
100	QPSK	1	271		19.27			
100	QPSK	135	0		19.27		19.5	0.0
100	QPSK	135	69		19.35		19.5	0.0
100	QPSK	135	138		19.33		19.5	0.0
100	QPSK	270	0		19.26			
100	16QAM	1	1		19.35		19.5	0.0
100	64QAM	1	1		19.34		19.5	0.0
100	256QAM	1	1		19.30		19.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.27	19.21	19.23	19.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.22	19.24	19.29	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.24	19.19	19.21	19.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.26	19.29	19.28	19.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.20	19.23	19.20	19.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.29	19.26	19.19	19.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.26	19.26	19.22	19.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.26	19.28	19.27	19.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.29	19.28	19.26	19.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.19	19.27	19.30	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.31	19.23	19.24	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		22.87		23.0	0.0
100	π/2 BPSK	1	137		22.71			
100	π/2 BPSK	1	271		22.79			
100	π/2 BPSK	135	0		22.83		23.0	0.0
100	π/2 BPSK	135	69		22.75		23.0	0.0
100	π/2 BPSK	135	138		22.73		23.0	0.0
100	π/2 BPSK	270	0		22.80			
100	QPSK	1	1		22.95		23.0	0.0
100	QPSK	1	137		22.82			
100	QPSK	1	271		22.77			
100	QPSK	135	0		22.78		23.0	0.0
100	QPSK	135	69		22.91		23.0	0.0
100	QPSK	135	138		22.88		23.0	0.0
100	QPSK	270	0		22.70			
100	16QAM	1	1		22.81		23.0	0.0
100	64QAM	1	1		22.85		23.0	0.0
100	256QAM	1	1		22.84		23.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.83	22.89	22.91	23.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.87	22.86	22.86	23.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.81	22.89	22.80	23.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.82	22.88	22.90	23.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.84	22.88	22.91	23.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.82	22.84	22.82	23.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.85	22.83	22.81	23.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.83	22.84	22.81	23.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.80	22.83	22.88	23.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.86	22.88	22.91	23.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.84	22.85	22.90	23.0	0.0

Part27Q n78 Ant4 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.08		19.5	0.0
100	π/2 BPSK	1	137		19.05			
100	π/2 BPSK	1	271		19.13			
100	π/2 BPSK	135	0		19.11		19.5	0.0
100	π/2 BPSK	135	69		19.05		19.5	0.0
100	π/2 BPSK	135	138		19.08		19.5	0.0
100	π/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.15		19.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.14			
100	QPSK	135	0		19.10		19.5	0.0
100	QPSK	135	69		19.14		19.5	0.0
100	QPSK	135	138		19.06		19.5	0.0
100	QPSK	270	0		19.15			
100	16QAM	1	1		19.13		19.5	0.0
100	64QAM	1	1		19.10		19.5	0.0
100	256QAM	1	1		19.06		19.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.03	18.96	19.03	19.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.00	19.04	19.01	19.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.02	18.96	18.94	19.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.96	18.94	18.96	19.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.95	18.97	18.93	19.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.02	18.94	19.01	19.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.94	19.02	18.96	19.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.00	18.97	18.98	19.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.05	18.99	19.03	19.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.96	19.05	18.96	19.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.96	18.98	19.02	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.53		23.0	0.0
100	π/2 BPSK	1	137		22.58			
100	π/2 BPSK	1	271		22.57			
100	π/2 BPSK	135	0		22.56		23.0	0.0
100	π/2 BPSK	135	69		22.57		23.0	0.0
100	π/2 BPSK	135	138		22.55		23.0	0.0
100	π/2 BPSK	270	0		22.59			
100	QPSK	1	1		22.70		23.0	0.0
100	QPSK	1	137		22.54			
100	QPSK	1	271		22.69			
100	QPSK	135	0		22.63		23.0	0.0
100	QPSK	135	69		22.68		23.0	0.0
100	QPSK	135	138		22.54		23.0	0.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.63		23.0	0.0
100	64QAM	1	1		22.57		23.0	0.0
100	256QAM	1	1		22.59		23.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.58	22.63	22.55	23.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.54	22.63	23.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.59	22.60	22.61	23.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.66	22.66	22.56	23.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.57	22.56	22.56	23.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.65	22.60	22.64	23.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.55	22.64	22.64	23.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.65	22.57	22.54	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.58	22.63	22.63	23.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.57	22.55	22.63	23.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.57	22.57	22.56	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	20.71	20.71	20.66	21.0	0.0
50	Pi/2 BPSK	1	135	20.79	20.72	20.76		
50	Pi/2 BPSK	1	268	20.73	20.70	20.75		
50	Pi/2 BPSK	135	0	20.70	20.80	20.70	21.0	0.0
50	Pi/2 BPSK	135	68	20.71	20.71	20.74	21.0	0.0
50	Pi/2 BPSK	135	135	20.75	20.78	20.70	21.0	0.0
50	Pi/2 BPSK	270	0	20.72	20.70	20.71		
50	QPSK	1	1	20.70	20.81	20.66	21.0	0.0
50	QPSK	1	135	20.76	20.73	20.75		
50	QPSK	1	268	20.69	20.74	20.67		
50	QPSK	135	0	20.71	20.70	20.68	21.0	0.0
50	QPSK	135	68	20.76	20.78	20.67	21.0	0.0
50	QPSK	135	135	20.71	20.72	20.69	21.0	0.0
50	QPSK	270	0	20.72	20.77	20.76		
50	16QAM	1	1	20.70	20.72	20.77	21.0	0.0
50	64QAM	1	1	20.79	20.73	20.68	21.0	0.0
50	256QAM	1	1	20.69	20.74	20.71	21.0	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.64	20.64	20.58	21.0	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.58	20.57	20.61	21.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.61	20.58	20.50	21.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.62	20.65	20.51	21.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pi/2 BPSK	1	1	20.64	20.59	20.55	21.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.57	20.55	20.57	21.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.58	20.65	20.62	21.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.64	20.56	20.60	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	20.38	20.50	20.44	21.0	0.0
45	Pi/2 BPSK	1	120	20.38	20.49	20.50		
45	Pi/2 BPSK	1	240	20.48	20.47	20.53		
45	Pi/2 BPSK	120	0	20.38	20.50	20.46	21.0	0.0
45	Pi/2 BPSK	120	60	20.41	20.55	20.47	21.0	0.0
45	Pi/2 BPSK	120	120	20.48	20.48	20.45	21.0	0.0
45	Pi/2 BPSK	240	0	20.40	20.51	20.51		
45	QPSK	1	1	20.41	20.56	20.42	21.0	0.0
45	QPSK	1	120	20.44	20.46	20.47		
45	QPSK	1	240	20.38	20.47	20.45		
45	QPSK	120	0	20.40	20.47	20.44	21.0	0.0
45	QPSK	120	60	20.49	20.54	20.46	21.0	0.0
45	QPSK	120	120	20.43	20.50	20.46	21.0	0.0
45	QPSK	240	0	20.49	20.51	20.49		
45	16QAM	1	1	20.38	20.53	20.42	21.0	0.0
45	64QAM	1	1	20.44	20.55	20.48	21.0	0.0
45	256QAM	1	1	20.47	20.46	20.48	21.0	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.26	20.39	20.30	21.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.33	20.34	20.27	21.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.29	20.39	20.33	21.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.35	20.37	20.27	21.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.25	20.35	20.30	21.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.37	20.41	20.28	21.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.26	20.32	20.27	21.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.36	20.32	20.27	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	20.62	20.59	20.61	21.0	0.0
40	π/2 BPSK	1	53	20.61	20.58	20.59		
40	π/2 BPSK	1	104	20.61	20.64	20.56		
40	π/2 BPSK	50	0	20.56	20.63	20.53	21.0	0.0
40	π/2 BPSK	50	28	20.57	20.65	20.53	21.0	0.0
40	π/2 BPSK	50	56	20.63	20.56	20.52	21.0	0.0
40	π/2 BPSK	100	0	20.58	20.66	20.54		
40	QPSK	1	1	20.59	20.67	20.61	21.0	0.0
40	QPSK	1	53	20.63	20.55	20.55		
40	QPSK	1	104	20.61	20.57	20.57		
40	QPSK	50	0	20.59	20.59	20.57	21.0	0.0
40	QPSK	50	28	20.60	20.66	20.58	21.0	0.0
40	QPSK	50	56	20.63	20.60	20.55	21.0	0.0
40	QPSK	100	0	20.52	20.57	20.53		
40	16QAM	1	1	20.61	20.56	20.61	21.0	0.0
40	64QAM	1	1	20.59	20.64	20.61	21.0	0.0
40	256QAM	1	1	20.54	20.57	20.51	21.0	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.49	20.48	20.46	21.0	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.46	20.47	20.54	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.53	20.51	20.56	21.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.54	20.51	20.46	21.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.49	20.46	20.53	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	π/2 BPSK	1	1	20.05	20.14	19.93	20.5	0.0
100	π/2 BPSK	1	137	20.13	20.10	19.97		
100	π/2 BPSK	1	271	20.14	20.12	20.00		
100	π/2 BPSK	135	0	20.04	20.18	19.97	20.5	0.0
100	π/2 BPSK	135	69	20.14	20.18	19.94	20.5	0.0
100	π/2 BPSK	135	138	20.06	20.17	19.97	20.5	0.0
100	π/2 BPSK	270	0	20.05	20.13	19.95		
100	QPSK	1	1	20.05	20.15	20.03	20.5	0.0
100	QPSK	1	137	20.08	20.07	19.91		
100	QPSK	1	271	20.11	20.09	19.95		
100	QPSK	135	0	20.12	20.11	19.99	20.5	0.0
100	QPSK	135	69	20.13	20.18	20.02	20.5	0.0
100	QPSK	135	138	20.13	20.15	19.92	20.5	0.0
100	QPSK	270	0	20.04	20.19	19.95		
100	16QAM	1	1	20.14	20.15	19.91	20.5	0.0
100	64QAM	1	1	20.08	20.12	19.98	20.5	0.0
100	256QAM	1	1	20.12	20.12	19.99	20.5	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.97	19.92	19.93	20.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.99	19.94	19.90	20.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.96	19.93	19.97	20.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.93	19.98	19.92	20.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.91	20.03	19.99	20.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.96	20.03	19.88	20.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.89	19.94	19.95	20.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.92	19.95	19.94	20.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.90	19.98	19.94	20.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.91	20.01	19.93	20.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.92	20.02	19.87	20.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.01	19.94	19.88	20.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.95	20.01	19.97	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	18.57	18.62	18.57	20.1	0.0
40	π/2 BPSK	1	53	18.65	18.66	18.60		
40	π/2 BPSK	1	104	18.54	18.69	18.61		
40	π/2 BPSK	50	0	18.60	18.61	18.54	20.1	0.0
40	π/2 BPSK	50	28	18.63	18.61	18.59	20.1	0.0
40	π/2 BPSK	50	56	18.63	18.63	18.57	20.1	0.0
40	π/2 BPSK	100	0	18.57	18.61	18.56		
40	QPSK	1	1	18.54	18.78	18.56	20.1	0.0
40	QPSK	1	53	18.61	18.65	18.53		
40	QPSK	1	104	18.53	18.59	18.63		
40	QPSK	50	0	18.55	18.71	18.54	20.1	0.0
40	QPSK	50	28	18.54	18.73	18.60	20.1	0.0
40	QPSK	50	56	18.54	18.60	18.62	20.1	0.0
40	QPSK	100	0	18.54	18.69	18.56		
40	16QAM	1	1	18.54	18.66	18.56	20.1	0.0
40	64QAM	1	1	18.62	18.69	18.58	20.1	0.0
40	256QAM	1	1	17.49	17.69	17.53	19.1	1.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.47	18.55	18.47	20.1	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.43	18.55	18.42	20.1	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.43	18.51	18.46	20.1	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.47	18.55	18.40	20.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	19.00	19.21	18.96	20.3	0.0
100	π/2 BPSK	1	137	19.07	19.14	18.96		
100	π/2 BPSK	1	271	19.09	19.19	18.99		
100	π/2 BPSK	135	0	19.06	19.14	18.94	20.3	0.0
100	π/2 BPSK	135	69	19.01	19.11	19.00	20.3	0.0
100	π/2 BPSK	135	138	19.07	19.15	18.93	20.3	0.0
100	π/2 BPSK	270	0	19.07	19.14	18.89		
100	QPSK	1	1	19.08	19.25	19.00	20.3	0.0
100	QPSK	1	137	19.01	19.15	18.95		
100	QPSK	1	271	19.05	19.13	18.96		
100	QPSK	135	0	19.05	19.17	18.92	20.3	0.0
100	QPSK	135	69	19.01	19.18	18.97	20.3	0.0
100	QPSK	135	138	19.07	19.17	18.89	20.3	0.0
100	QPSK	270	0	19.05	19.11	19.00		
100	16QAM	1	1	19.05	19.17	18.90	20.3	0.0
100	64QAM	1	1	19.02	19.14	18.93	20.3	0.0
100	256QAM	1	1	19.06	19.14	19.00	20.3	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.03	19.02	18.92	20.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.98	19.03	18.86	20.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.99	19.05	18.89	20.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.98	19.04	18.89	20.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.02	19.03	18.90	20.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.98	19.06	18.86	20.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.92	19.09	18.88	20.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.97	19.04	18.85	20.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.03	19.04	18.94	20.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.94	19.00	18.91	20.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.97	19.09	18.87	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	π/2 BPSK	1	1	21.94	22.17	21.95	23.3	0.0
100	π/2 BPSK	1	137	22.03	22.16	21.96		
100	π/2 BPSK	1	271	22.14	22.20	22.04		
100	π/2 BPSK	135	0	22.02	22.18	21.96	23.3	0.0
100	π/2 BPSK	135	69	22.05	22.11	21.99	23.3	0.0
100	π/2 BPSK	135	138	22.09	22.13	21.90	23.3	0.0
100	π/2 BPSK	270	0	22.04	22.13	21.94		
100	QPSK	1	1	22.07	22.26	21.96	23.3	0.0
100	QPSK	1	137	22.06	22.21	21.97		
100	QPSK	1	271	22.02	22.11	21.97		
100	QPSK	135	0	22.06	22.15	21.92	23.3	0.0
100	QPSK	135	69	21.99	22.16	21.93	23.3	0.0
100	QPSK	135	138	22.09	22.12	21.87	23.3	0.0
100	QPSK	270	0	22.11	22.12	21.98		
100	16QAM	1	1	22.04	22.11	21.91	23.3	0.0
100	64QAM	1	1	21.97	22.19	21.99	23.3	0.0
100	256QAM	1	1	22.02	22.12	22.00	23.3	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.95	22.22	21.85	23.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.93	22.13	21.88	23.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.93	22.17	21.84	23.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.99	22.14	21.80	23.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.94	22.13	21.86	23.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.92	22.11	21.81	23.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.95	22.20	21.86	23.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.91	22.14	21.81	23.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.96	22.15	21.90	23.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.96	22.17	21.83	23.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.95	22.16	21.82	23.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		18.69		20.3	0.0
100	π/2 BPSK	1	137		18.68			
100	π/2 BPSK	1	271		18.60			
100	π/2 BPSK	135	0		18.60		20.3	0.0
100	π/2 BPSK	135	69		18.59		20.3	0.0
100	π/2 BPSK	135	138		18.63		20.3	0.0
100	π/2 BPSK	270	0		18.64			
100	QPSK	1	1		18.71		20.3	0.0
100	QPSK	1	137		18.67			
100	QPSK	1	271		18.67			
100	QPSK	135	0		18.63		20.3	0.0
100	QPSK	135	69		18.69		20.3	0.0
100	QPSK	135	138		18.60		20.3	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.63		20.3	0.0
100	64QAM	1	1		18.67		20.3	0.0
100	256QAM	1	1		18.70		20.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.49	18.56	18.56	20.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.54	18.53	18.56	20.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.53	18.56	18.52	20.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.55	18.60	18.58	20.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.56	18.61	18.58	20.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.51	18.59	18.60	20.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.52	18.51	18.58	20.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.52	18.54	18.57	20.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.51	18.53	18.50	20.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.51	18.58	18.60	20.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.60	18.50	18.59	20.3	0.0

Part27Q n77 PC2 Ant6 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.71		23.3	0.0
100	π/2 BPSK	1	137		21.70			
100	π/2 BPSK	1	271		21.60			
100	π/2 BPSK	135	0		21.59		23.3	0.0
100	π/2 BPSK	135	69		21.65		23.3	0.0
100	π/2 BPSK	135	138		21.67		23.3	0.0
100	π/2 BPSK	270	0		21.67			
100	QPSK	1	1		21.73		23.3	0.0
100	QPSK	1	137		21.64			
100	QPSK	1	271		21.69			
100	QPSK	135	0		21.63		23.3	0.0
100	QPSK	135	69		21.66		23.3	0.0
100	QPSK	135	138		21.59		23.3	0.0
100	QPSK	270	0		21.65			
100	16QAM	1	1		21.64		23.3	0.0
100	64QAM	1	1		21.69		23.3	0.0
100	256QAM	1	1		21.65		23.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.65	21.62	21.57	23.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.61	21.62	21.62	23.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.54	21.53	21.54	23.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.54	21.57	21.64	23.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.64	21.63	21.62	23.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.62	21.56	21.58	23.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.60	21.64	21.58	23.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.58	21.54	21.60	23.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.63	21.63	21.53	23.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.54	21.65	21.63	23.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.63	21.57	21.54	23.3	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	π/2 BPSK	1	1		18.61		19.8	0.0
100	π/2 BPSK	1	137		18.69			
100	π/2 BPSK	1	271		18.69			
100	π/2 BPSK	135	0		18.65		19.8	0.0
100	π/2 BPSK	135	69		18.70		19.8	0.0
100	π/2 BPSK	135	138		18.71		19.8	0.0
100	π/2 BPSK	270	0		18.69			
100	QPSK	1	1		18.73		19.8	0.0
100	QPSK	1	137		18.62			
100	QPSK	1	271		18.69			
100	QPSK	135	0		18.64		19.8	0.0
100	QPSK	135	69		18.69		19.8	0.0
100	QPSK	135	138		18.68		19.8	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.63		19.8	0.0
100	64QAM	1	1		18.62		19.8	0.0
100	256QAM	1	1		18.62		19.8	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.58	18.63	18.59	19.8	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.54	18.60	18.58	19.8	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.61	18.57	18.62	19.8	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.62	18.57	18.57	19.8	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.56	18.57	18.64	19.8	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.62	18.55	18.57	19.8	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.66	18.56	18.57	19.8	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.56	18.61	18.62	19.8	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.61	18.56	18.56	19.8	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.61	18.56	18.60	19.8	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.55	18.58	18.56	19.8	0.0

Part27O n78 PC2 Ant6 DSI3

BW [MHz]	Modulation	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	π/2 BPSK	1	1		21.64		22.8	0.0
100	π/2 BPSK	1	137		21.65			
100	π/2 BPSK	1	271		21.68			
100	π/2 BPSK	135	0		21.67		22.8	0.0
100	π/2 BPSK	135	69		21.69		22.8	0.0
100	π/2 BPSK	135	138		21.73		22.8	0.0
100	π/2 BPSK	270	0		21.71			
100	QPSK	1	1		21.75		22.8	0.0
100	QPSK	1	137		21.66			
100	QPSK	1	271		21.67			
100	QPSK	135	0		21.69		22.8	0.0
100	QPSK	135	69		21.71		22.8	0.0
100	QPSK	135	138		21.66		22.8	0.0
100	QPSK	270	0		21.62			
100	16QAM	1	1		21.65		22.8	0.0
100	64QAM	1	1		21.62		22.8	0.0
100	256QAM	1	1		21.66		22.8	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.59	21.58	21.57	22.8	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.52	21.51	21.57	22.8	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.52	21.55	21.52	22.8	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.57	21.52	21.57	22.8	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.58	21.54	21.57	22.8	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.53	21.57	21.58	22.8	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.56	21.61	21.57	22.8	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.55	21.56	21.53	22.8	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.59	21.58	21.55	22.8	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.57	21.56	21.58	22.8	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.58	21.60	21.53	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		18.20		19.8	0.0
100	π/2 BPSK	1	137		18.17			
100	π/2 BPSK	1	271		18.28			
100	π/2 BPSK	135	0		18.26		19.8	0.0
100	π/2 BPSK	135	69		18.26		19.8	0.0
100	π/2 BPSK	135	138		18.23		19.8	0.0
100	π/2 BPSK	270	0		18.22			
100	QPSK	1	1		18.29		19.8	0.0
100	QPSK	1	137		18.21			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.17		19.8	0.0
100	QPSK	135	69		18.23		19.8	0.0
100	QPSK	135	138		18.22		19.8	0.0
100	QPSK	270	0		18.23			
100	16QAM	1	1		18.26		19.8	0.0
100	64QAM	1	1		18.21		19.8	0.0
100	256QAM	1	1		18.20		19.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.20	18.16	18.21	19.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.22	18.20	18.23	19.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.22	18.18	18.15	19.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.17	18.13	18.13	19.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.17	18.22	18.19	19.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.16	18.17	18.17	19.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.11	18.20	18.18	19.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.14	18.22	18.12	19.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.17	18.19	18.14	19.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.18	18.15	18.19	19.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.16	18.20	18.17	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.24		22.8	0.0
100	π/2 BPSK	1	137		21.12			
100	π/2 BPSK	1	271		21.31			
100	π/2 BPSK	135	0		21.22		22.8	0.0
100	π/2 BPSK	135	69		21.23		22.8	0.0
100	π/2 BPSK	135	138		21.25		22.8	0.0
100	π/2 BPSK	270	0		21.18			
100	QPSK	1	1		21.32		22.8	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.22			
100	QPSK	135	0		21.20		22.8	0.0
100	QPSK	135	69		21.29		22.8	0.0
100	QPSK	135	138		21.28		22.8	0.0
100	QPSK	270	0		21.27			
100	16QAM	1	1		21.31		22.8	0.0
100	64QAM	1	1		21.23		22.8	0.0
100	256QAM	1	1		21.20		22.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.15	21.16	21.15	22.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.13	21.08	21.19	22.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.19	21.10	21.09	22.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.12	21.14	21.16	22.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.18	21.19	21.13	22.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.13	21.17	21.11	22.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.17	21.16	21.09	22.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.12	21.19	21.14	22.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.11	21.11	21.11	22.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.16	21.12	21.12	22.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.18	21.11	21.18	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.70	19.81	19.68	20.8	0.0
50	PI/2 BPSK	1	135	19.74	19.75	19.70		
50	PI/2 BPSK	1	268	19.70	19.75	19.71		
50	PI/2 BPSK	135	0	19.65	19.75	19.75	20.8	0.0
50	PI/2 BPSK	135	68	19.70	19.73	19.71	20.8	0.0
50	PI/2 BPSK	135	135	19.64	19.71	19.76	20.8	0.0
50	PI/2 BPSK	270	0	19.69	19.79	19.66		
50	QPSK	1	1	19.64	19.85	19.73	20.8	0.0
50	QPSK	1	135	19.67	19.78	19.67		
50	QPSK	1	268	19.70	19.78	19.75		
50	QPSK	135	0	19.69	19.70	19.74	20.8	0.0
50	QPSK	135	68	19.71	19.79	19.69	20.8	0.0
50	QPSK	135	135	19.65	19.70	19.72	20.8	0.0
50	QPSK	270	0	19.66	19.76	19.73		
50	16QAM	1	1	19.64	19.74	19.66	20.8	0.0
50	64QAM	1	1	19.70	19.76	19.75	20.8	0.0
50	256QAM	1	1	18.14	18.19	18.27	19.3	1.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.56	19.62	19.58	20.8	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.51	19.55	19.68	20.8	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.59	19.55	19.69	20.8	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.55	19.65	19.59	20.8	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.57	19.60	19.63	20.8	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.48	19.64	19.68	20.8	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.58	19.65	19.62	20.8	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.55	19.62	19.62	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	19.50	19.58	19.53	20.7	0.0
45	PI/2 BPSK	1	120	19.52	19.63	19.50		
45	PI/2 BPSK	1	240	19.47	19.56	19.60		
45	PI/2 BPSK	120	0	19.47	19.64	19.54	20.7	0.0
45	PI/2 BPSK	120	60	19.57	19.56	19.51	20.7	0.0
45	PI/2 BPSK	120	120	19.49	19.54	19.56	20.7	0.0
45	PI/2 BPSK	240	0	19.53	19.54	19.51		
45	QPSK	1	1	19.51	19.65	19.50	20.7	0.0
45	QPSK	1	120	19.55	19.61	19.61		
45	QPSK	1	240	19.47	19.55	19.56		
45	QPSK	120	0	19.56	19.54	19.53	20.7	0.0
45	QPSK	120	60	19.48	19.61	19.56	20.7	0.0
45	QPSK	120	120	19.51	19.60	19.57	20.7	0.0
45	QPSK	240	0	19.55	19.62	19.59		
45	16QAM	1	1	19.56	19.53	19.59	20.7	0.0
45	64QAM	1	1	19.48	19.54	19.56	20.7	0.0
45	256QAM	1	1	17.46	17.66	17.54	18.7	2.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	19.35	19.51	19.44	20.7	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	19.39	19.53	19.41	20.7	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	19.42	19.44	19.41	20.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	19.36	19.56	19.39	20.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	19.36	19.44	19.38	20.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	19.44	19.53	19.37	20.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	19.45	19.45	19.44	20.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	19.37	19.52	19.38	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	19.75	19.77	19.73	20.6	0.0
40	Pi/2 BPSK	1	53	19.74	19.74	19.74		
40	Pi/2 BPSK	1	104	19.79	19.81	19.82		
40	Pi/2 BPSK	50	0	19.70	19.82	19.77	20.6	0.0
40	Pi/2 BPSK	50	28	19.78	19.81	19.73	20.6	0.0
40	Pi/2 BPSK	50	56	19.66	19.72	19.78	20.6	0.0
40	Pi/2 BPSK	100	0	19.66	19.80	19.82		
40	QPSK	1	1	19.75	19.83	19.79	20.6	0.0
40	QPSK	1	53	19.72	19.74	19.73		
40	QPSK	1	104	19.66	19.74	19.68		
40	QPSK	50	0	19.74	19.81	19.76	20.6	0.0
40	QPSK	50	28	19.76	19.83	19.76	20.6	0.0
40	QPSK	50	56	19.78	19.76	19.79	20.6	0.0
40	QPSK	100	0	19.70	19.80	19.75		
40	16QAM	1	1	19.79	19.81	19.76	20.6	0.0
40	64QAM	1	1	19.77	19.80	19.80	20.6	0.0
40	256QAM	1	1	17.74	17.71	17.76	19.1	1.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.24	19.35	19.28	20.6	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.23	19.30	19.30	20.6	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.24	19.35	19.31	20.6	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.24	19.35	19.32	20.6	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.24	19.31	19.28	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	19.22	19.32	19.22	20.2	0.0
100	Pi/2 BPSK	1	137	19.17	19.32	19.22		
100	Pi/2 BPSK	1	271	19.13	19.35	19.17		
100	Pi/2 BPSK	135	0	19.17	19.24	19.25	20.2	0.0
100	Pi/2 BPSK	135	69	19.20	19.33	19.22	20.2	0.0
100	Pi/2 BPSK	135	138	19.19	19.34	19.19	20.2	0.0
100	Pi/2 BPSK	270	0	19.16	19.29	19.17		
100	QPSK	1	1	19.22	19.36	19.16	20.2	0.0
100	QPSK	1	137	19.18	19.27	19.22		
100	QPSK	1	271	19.13	19.32	19.16		
100	QPSK	135	0	19.16	19.32	19.19	20.2	0.0
100	QPSK	135	69	19.15	19.33	19.25	20.2	0.0
100	QPSK	135	138	19.16	19.24	19.26	20.2	0.0
100	QPSK	270	0	19.17	19.28	19.27		
100	16QAM	1	1	19.23	19.28	19.18	20.2	0.0
100	64QAM	1	1	19.17	19.30	19.28	20.2	0.0
100	256QAM	1	1	18.27	18.35	18.21	19.2	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.11	19.24	19.04	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.10	19.23	19.11	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.11	19.24	19.06	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.08	19.19	19.08	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.08	19.28	19.06	20.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.17	19.19	19.06	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.06	19.25	19.01	20.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.18	19.26	19.06	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.11	19.30	19.01	20.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.06	19.19	19.09	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.07	19.21	19.08	20.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.18	19.27	19.03	20.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.06	19.28	19.01	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	20.42	20.68	20.53	22.2	0.0
100	π/2 BPSK	1	137	20.54	20.58	20.59		
100	π/2 BPSK	1	271	20.48	20.64	20.55		
100	π/2 BPSK	135	0	20.39	20.63	20.51	22.2	0.0
100	π/2 BPSK	135	69	20.50	20.67	20.58	22.2	0.0
100	π/2 BPSK	135	138	20.41	20.58	20.55	22.2	0.0
100	π/2 BPSK	270	0	20.48	20.58	20.58		
100	QPSK	1	1	20.37	20.69	20.52	22.2	0.0
100	QPSK	1	137	20.47	20.59	20.57		
100	QPSK	1	271	20.43	20.63	20.54		
100	QPSK	135	0	20.46	20.60	20.60	22.2	0.0
100	QPSK	135	69	20.52	20.67	20.57	22.2	0.0
100	QPSK	135	138	20.53	20.66	20.59	22.2	0.0
100	QPSK	270	0	20.47	20.69	20.62		
100	16QAM	1	1	20.49	20.63	20.54	22.2	0.0
100	64QAM	1	1	20.51	20.63	20.56	22.2	0.0
100	256QAM	1	1	19.48	19.61	19.54	21.2	1.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.26	20.55	20.38	22.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.25	20.56	20.38	22.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.21	20.54	20.47	22.2	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.21	20.48	20.41	22.2	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.28	20.54	20.43	22.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.24	20.49	20.37	22.2	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.27	20.49	20.47	22.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.31	20.47	20.46	22.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.28	20.54	20.39	22.2	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.26	20.48	20.43	22.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.22	20.54	20.43	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	23.39	23.70	23.58	25.2	0.0
100	π/2 BPSK	1	137	23.52	23.56	23.61		
100	π/2 BPSK	1	271	23.53	23.64	23.54		
100	π/2 BPSK	135	0	23.39	23.60	23.49	25.2	0.0
100	π/2 BPSK	135	69	23.51	23.62	23.64	25.2	0.0
100	π/2 BPSK	135	138	23.45	23.64	23.61	25.2	0.0
100	π/2 BPSK	270	0	23.45	23.59	23.52		
100	QPSK	1	1	23.40	23.75	23.50	25.2	0.0
100	QPSK	1	137	23.50	23.59	23.52		
100	QPSK	1	271	23.38	23.65	23.56		
100	QPSK	135	0	23.49	23.64	23.57	25.2	0.0
100	QPSK	135	69	23.55	23.72	23.61	25.2	0.0
100	QPSK	135	138	23.58	23.61	23.64	25.2	0.0
100	QPSK	270	0	23.44	23.66	23.65		
100	16QAM	1	1	23.51	23.61	23.56	25.2	0.0
100	64QAM	1	1	23.25	23.46	23.36	25.0	0.2
100	256QAM	1	1	21.26	21.50	21.28	23.0	2.2
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.36	23.61	23.45	25.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.28	23.57	23.35	25.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.32	23.57	23.42	25.2	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.26	23.56	23.35	25.2	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.33	23.60	23.45	25.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.25	23.54	23.43	25.2	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.33	23.62	23.43	25.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.33	23.63	23.41	25.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.30	23.59	23.45	25.2	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.25	23.62	23.44	25.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.26	23.53	23.37	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.44		22.2	0.0
100	π/2 BPSK	1	137		20.40			
100	π/2 BPSK	1	271		20.46			
100	π/2 BPSK	135	0		20.41		22.2	0.0
100	π/2 BPSK	135	69		20.38		22.2	0.0
100	π/2 BPSK	135	138		20.41		22.2	0.0
100	π/2 BPSK	270	0		20.50			
100	QPSK	1	1		20.53		22.2	0.0
100	QPSK	1	137		20.40			
100	QPSK	1	271		20.43			
100	QPSK	135	0		20.47		22.2	0.0
100	QPSK	135	69		20.41		22.2	0.0
100	QPSK	135	138		20.43		22.2	0.0
100	QPSK	270	0		20.46			
100	16QAM	1	1		20.47		22.2	0.0
100	64QAM	1	1		20.42		22.2	0.0
100	256QAM	1	1		19.38		21.2	1.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.37	20.34	20.33	22.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.39	20.29	20.34	22.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.30	20.32	20.31	22.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.40	20.34	20.32	22.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.35	20.37	20.30	22.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.36	20.39	20.34	22.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.37	20.37	20.39	22.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.35	20.38	20.30	22.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.32	20.30	20.38	22.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.32	20.40	20.32	22.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.30	20.38	20.36	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.44		25.2	0.0
100	π/2 BPSK	1	137		23.35			
100	π/2 BPSK	1	271		23.51			
100	π/2 BPSK	135	0		23.46		25.2	0.0
100	π/2 BPSK	135	69		23.33		25.2	0.0
100	π/2 BPSK	135	138		23.43		25.2	0.0
100	π/2 BPSK	270	0		23.52			
100	QPSK	1	1		23.56		25.2	0.0
100	QPSK	1	137		23.36			
100	QPSK	1	271		23.46			
100	QPSK	135	0		23.42		25.2	0.0
100	QPSK	135	69		23.45		25.2	0.0
100	QPSK	135	138		23.41		25.2	0.0
100	QPSK	270	0		23.41			
100	16QAM	1	1		23.49		25.2	0.0
100	64QAM	1	1		23.10		25.0	0.2
100	256QAM	1	1		21.05		23.0	2.2
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.45	23.46	23.41	25.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.51	23.51	23.49	25.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.43	23.40	23.41	25.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.47	23.42	23.48	25.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.42	23.44	23.48	25.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.40	23.52	23.44	25.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.48	23.43	23.52	25.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.44	23.45	23.51	25.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.41	23.51	23.51	25.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.51	23.42	23.41	25.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.45	23.50	23.49	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		21.68		22.4	0.0
100	π/2 BPSK	1	137		21.57			
100	π/2 BPSK	1	271		21.66			
100	π/2 BPSK	135	0		21.64		22.4	0.0
100	π/2 BPSK	135	69		21.66		22.4	0.0
100	π/2 BPSK	135	138		21.57		22.4	0.0
100	π/2 BPSK	270	0		21.61			
100	QPSK	1	1		21.71		22.4	0.0
100	QPSK	1	137		21.66			
100	QPSK	1	271		21.69			
100	QPSK	135	0		21.65		22.4	0.0
100	QPSK	135	69		21.66		22.4	0.0
100	QPSK	135	138		21.64		22.4	0.0
100	QPSK	270	0		21.63			
100	16QAM	1	1		21.63		22.4	0.0
100	64QAM	1	1		21.67		22.4	0.0
100	256QAM	1	1		19.61		20.4	2.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.61	21.56	21.54	22.4	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.52	21.54	21.55	22.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.61	21.60	21.61	22.4	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.58	21.59	21.61	22.4	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.61	21.63	21.53	22.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.53	21.59	21.54	22.4	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.52	21.55	21.55	22.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.54	21.57	21.61	22.4	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.55	21.62	21.53	22.4	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.63	21.60	21.56	22.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.60	21.57	21.61	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		24.73		25.4	0.0
100	π/2 BPSK	1	137		24.58			
100	π/2 BPSK	1	271		24.69			
100	π/2 BPSK	135	0		24.69		25.4	0.0
100	π/2 BPSK	135	69		24.71		25.4	0.0
100	π/2 BPSK	135	138		24.54		25.4	0.0
100	π/2 BPSK	270	0		24.57			
100	QPSK	1	1		24.75		25.4	0.0
100	QPSK	1	137		24.61			
100	QPSK	1	271		24.70			
100	QPSK	135	0		24.60		25.4	0.0
100	QPSK	135	69		24.66		25.4	0.0
100	QPSK	135	138		24.64		25.4	0.0
100	QPSK	270	0		24.63			
100	16QAM	1	1		24.62		25.4	0.0
100	64QAM	1	1		23.51		24.3	1.1
100	256QAM	1	1		21.50		22.3	3.1
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.50	24.48	24.56	25.4	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.55	24.51	24.57	25.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.50	24.47	24.58	25.4	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.52	24.56	24.52	25.4	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.48	24.50	24.57	25.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.51	24.50	24.57	25.4	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.54	24.52	24.48	25.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.54	24.49	24.54	25.4	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.57	24.54	24.51	25.4	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.57	24.48	24.56	25.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.59	24.49	24.49	25.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.27		22.4	0.0
100	π/2 BPSK	1	137		21.26			
100	π/2 BPSK	1	271		21.20			
100	π/2 BPSK	135	0		21.26		22.4	0.0
100	π/2 BPSK	135	69		21.21		22.4	0.0
100	π/2 BPSK	135	138		21.27		22.4	0.0
100	π/2 BPSK	270	0		21.24			
100	QPSK	1	1		21.31		22.4	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.20			
100	QPSK	135	0		21.23		22.4	0.0
100	QPSK	135	69		21.28		22.4	0.0
100	QPSK	135	138		21.20		22.4	0.0
100	QPSK	270	0		21.20			
100	16QAM	1	1		21.21		22.4	0.0
100	64QAM	1	1		21.26		22.4	0.0
100	256QAM	1	1		19.21		20.4	2.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.10	21.15	21.16	22.4	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.08	21.15	21.17	22.4	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.06	21.06	21.09	22.4	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.08	21.13	21.10	22.4	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.16	21.10	21.15	22.4	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.08	21.07	21.10	22.4	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.14	21.16	21.06	22.4	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.08	21.06	21.17	22.4	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.15	21.13	21.06	22.4	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.13	21.12	21.13	22.4	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.10	21.11	21.07	22.4	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		24.27		25.4	0.0
100	π/2 BPSK	1	137		24.27			
100	π/2 BPSK	1	271		24.18			
100	π/2 BPSK	135	0		24.23		25.4	0.0
100	π/2 BPSK	135	69		24.20		25.4	0.0
100	π/2 BPSK	135	138		24.31		25.4	0.0
100	π/2 BPSK	270	0		24.26			
100	QPSK	1	1		24.35		25.4	0.0
100	QPSK	1	137		24.20			
100	QPSK	1	271		24.22			
100	QPSK	135	0		24.27		25.4	0.0
100	QPSK	135	69		24.30		25.4	0.0
100	QPSK	135	138		24.29		25.4	0.0
100	QPSK	270	0		24.24			
100	16QAM	1	1		24.23		25.4	0.0
100	64QAM	1	1		23.15		24.3	1.1
100	256QAM	1	1		21.20		22.3	3.1
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.22	24.19	24.15	25.4	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.13	24.18	24.21	25.4	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.22	24.12	24.19	25.4	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.23	24.15	24.20	25.4	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.21	24.12	24.11	25.4	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.12	24.14	24.15	25.4	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.17	24.21	24.15	25.4	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.13	24.21	24.14	25.4	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.23	24.17	24.16	25.4	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.16	24.15	24.17	25.4	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.12	24.18	24.15	25.4	0.0

Reduced Power Mode for DSI4_Other PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	21.74	21.71	21.60	22.5	0.0
50	PI/2 BPSK	1	135	21.71	21.72	21.62		
50	PI/2 BPSK	1	268	21.64	21.74	21.58		
50	PI/2 BPSK	135	0	21.33	21.26	21.24	22.0	0.5
50	PI/2 BPSK	135	68	21.74	21.71	21.57	22.5	0.0
50	PI/2 BPSK	135	135	21.31	21.36	21.20	22.0	0.5
50	PI/2 BPSK	270	0	21.32	21.31	21.15		
50	QPSK	1	1	21.77	21.82	21.70	22.5	0.0
50	QPSK	1	135	21.66	21.70	21.57		
50	QPSK	1	268	21.74	21.67	21.65		
50	QPSK	135	0	20.71	20.78	20.73	21.5	1.0
50	QPSK	135	68	21.69	21.76	21.57	22.5	0.0
50	QPSK	135	135	20.77	20.80	20.74	21.5	1.0
50	QPSK	270	0	20.78	20.81	20.64		
50	16QAM	1	1	20.77	20.79	20.76	21.5	1.0
50	64QAM	1	1	19.26	19.27	19.20	20.0	2.5
50	256QAM	1	1	17.24	17.35	17.20	18.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.64	21.69	21.59	22.5	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.68	21.71	21.67	22.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.69	21.75	21.60	22.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.67	21.66	21.67	22.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.69	21.68	21.66	22.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.72	21.75	21.56	22.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.66	21.75	21.67	22.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.73	21.72	21.58	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.73	21.68	21.65	22.8	0.0
45	PI/2 BPSK	1	120	21.75	21.72	21.72		
45	PI/2 BPSK	1	240	21.71	21.68	21.70		
45	PI/2 BPSK	120	0	21.28	21.37	21.23	22.3	0.5
45	PI/2 BPSK	120	60	21.74	21.75	21.74	22.8	0.0
45	PI/2 BPSK	120	120	21.29	21.34	21.26	22.3	0.5
45	PI/2 BPSK	240	0	21.28	21.32	21.24		
45	QPSK	1	1	21.79	21.82	21.76	22.8	0.0
45	QPSK	1	120	21.69	21.75	21.72		
45	QPSK	1	240	21.66	21.72	21.70		
45	QPSK	120	0	20.77	20.84	20.71	21.8	1.0
45	QPSK	120	60	21.75	21.78	21.74	22.8	0.0
45	QPSK	120	120	20.80	20.79	20.72	21.8	1.0
45	QPSK	240	0	20.76	20.87	20.73		
45	16QAM	1	1	20.81	20.78	20.75	21.8	1.0
45	64QAM	1	1	19.30	19.37	19.25	20.3	2.5
45	256QAM	1	1	17.25	17.37	17.31	18.3	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.72	21.71	21.64	22.8	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.76	21.79	21.69	22.8	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.67	21.72	21.70	22.8	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.69	21.78	21.67	22.8	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.73	21.77	21.70	22.8	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.76	21.71	21.65	22.8	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.69	21.77	21.73	22.8	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.71	21.71	21.64	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	21.65	21.70	21.65	22.5	0.0
40	π/2 BPSK	1	53	21.59	21.67	21.65		
40	π/2 BPSK	1	104	21.67	21.71	21.63		
40	π/2 BPSK	50	0	21.24	21.28	21.18	22.0	0.5
40	π/2 BPSK	50	28	21.66	21.65	21.66	22.5	0.0
40	π/2 BPSK	50	56	21.21	21.31	21.23	22.0	0.5
40	π/2 BPSK	100	0	21.17	21.24	21.22		
40	QPSK	1	1	21.71	21.76	21.74	22.5	0.0
40	QPSK	1	53	21.66	21.70	21.66		
40	QPSK	1	104	21.64	21.69	21.64		
40	QPSK	50	0	20.70	20.79	20.70	21.5	1.0
40	QPSK	50	28	21.63	21.72	21.62	22.5	0.0
40	QPSK	50	56	20.65	20.78	20.72	21.5	1.0
40	QPSK	100	0	20.76	20.80	20.68		
40	16QAM	1	1	20.68	20.74	20.73	21.5	1.0
40	64QAM	1	1	19.26	19.24	19.29	20.0	2.5
40	256QAM	1	1	17.18	17.21	17.24	18.0	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	21.61	21.62	21.61	22.5	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	21.58	21.73	21.66	22.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	21.68	21.72	21.63	22.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	21.68	21.67	21.64	22.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	21.62	21.71	21.71	22.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	21.08	21.14	21.01	22.1	0.0
100	π/2 BPSK	1	137	21.10	21.11	21.10		
100	π/2 BPSK	1	271	21.13	21.13	21.01		
100	π/2 BPSK	135	0	21.03	21.09	21.04	22.1	0.0
100	π/2 BPSK	135	69	21.04	21.15	21.06	22.1	0.0
100	π/2 BPSK	135	138	21.04	21.11	21.11	22.1	0.0
100	π/2 BPSK	270	0	21.11	21.08	21.04		
100	QPSK	1	1	21.08	21.17	21.11	22.1	0.0
100	QPSK	1	137	21.05	21.14	21.09		
100	QPSK	1	271	21.12	21.16	21.01		
100	QPSK	135	0	20.59	20.67	20.60	21.6	0.5
100	QPSK	135	69	21.04	21.07	21.04	22.1	0.0
100	QPSK	135	138	20.56	20.66	20.65	21.6	0.5
100	QPSK	270	0	20.53	20.61	20.59		
100	16QAM	1	1	20.62	20.62	20.56	21.6	0.5
100	64QAM	1	1	19.10	19.17	19.09	20.1	2.0
100	256QAM	1	1	17.08	17.19	17.11	18.1	4.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.93	20.99	21.00	22.1	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	21.03	21.02	20.98	22.1	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.93	21.10	21.02	22.1	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	21.00	21.00	21.04	22.1	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.92	20.99	21.01	22.1	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	20.98	21.06	21.05	22.1	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	21.01	21.07	21.05	22.1	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	20.95	21.06	20.99	22.1	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.93	21.10	20.98	22.1	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	20.97	21.03	21.05	22.1	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.97	20.99	20.96	22.1	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	21.04	21.05	21.05	22.1	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.96	21.10	21.04	22.1	0.0

Part27O n77 Ant5 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1	22.89	23.01	22.96	24.3	0.0
100	π/2 BPSK	1	137	22.90	22.94	22.97		
100	π/2 BPSK	1	271	22.85	22.90	22.95		
100	π/2 BPSK	135	0	22.87	23.01	22.98	24.3	0.0
100	π/2 BPSK	135	69	22.84	22.92	22.92	24.3	0.0
100	π/2 BPSK	135	138	22.83	22.97	22.94	24.3	0.0
100	π/2 BPSK	270	0	22.90	22.91	22.87		
100	QPSK	1	1	22.88	23.05	22.88	24.3	0.0
100	QPSK	1	137	22.90	22.93	22.91		
100	QPSK	1	271	22.90	22.94	22.90		
100	QPSK	135	0	22.83	22.97	22.88	24.3	0.0
100	QPSK	135	69	22.91	22.99	22.89	24.3	0.0
100	QPSK	135	138	22.80	22.98	22.92	24.3	0.0
100	QPSK	270	0	22.87	22.97	22.87		
100	16QAM	1	1	22.88	22.97	22.99	24.3	0.0
100	64QAM	1	1	21.40	21.41	21.39	22.8	1.5
100	256QAM	1	1	19.39	19.41	19.42	20.8	3.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.80	22.81	22.77	24.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.75	22.83	22.79	24.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.78	22.80	22.73	24.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.79	22.86	22.75	24.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.73	22.81	22.77	24.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.78	22.90	22.82	24.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.82	22.82	22.72	24.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.83	22.82	22.77	24.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.74	22.85	22.82	24.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.80	22.87	22.72	24.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.75	22.83	22.77	24.3	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	π/2 BPSK	1	1	25.61	25.69	25.60	27.2	0.0
100	π/2 BPSK	1	137	25.65	25.65	25.68		
100	π/2 BPSK	1	271	25.67	25.73	25.63		
100	π/2 BPSK	135	0	25.23	25.32	25.21	26.7	0.5
100	π/2 BPSK	135	69	25.62	25.68	25.62	27.2	0.0
100	π/2 BPSK	135	138	25.17	25.23	25.26	26.7	0.5
100	π/2 BPSK	270	0	25.24	25.26	25.22		
100	QPSK	1	1	25.71	25.78	25.73	27.2	0.0
100	QPSK	1	137	25.60	25.66	25.70		
100	QPSK	1	271	25.65	25.73	25.70		
100	QPSK	135	0	24.66	24.78	24.74	26.2	1.0
100	QPSK	135	69	25.61	25.74	25.70	27.2	0.0
100	QPSK	135	138	24.67	24.76	24.73	26.2	1.0
100	QPSK	270	0	24.65	24.81	24.71		
100	16QAM	1	1	24.77	24.80	24.73	26.2	1.0
100	64QAM	1	1	23.19	23.33	23.18	24.7	2.5
100	256QAM	1	1	21.21	21.24	21.23	22.7	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.65	25.70	25.62	27.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.62	25.71	25.66	27.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.64	25.66	25.61	27.2	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.69	25.68	25.61	27.2	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.67	25.67	25.65	27.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.67	25.76	25.66	27.2	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.62	25.74	25.63	27.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.59	25.73	25.68	27.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.60	25.67	25.67	27.2	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.63	25.71	25.68	27.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.62	25.74	25.66	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.75		24.3	0.0
100	π/2 BPSK	1	137		22.67			
100	π/2 BPSK	1	271		22.60			
100	π/2 BPSK	135	0		22.70		24.3	0.0
100	π/2 BPSK	135	69		22.64		24.3	0.0
100	π/2 BPSK	135	138		22.64		24.3	0.0
100	π/2 BPSK	270	0		22.57			
100	QPSK	1	1		22.76		24.3	0.0
100	QPSK	1	137		22.62			
100	QPSK	1	271		22.67			
100	QPSK	135	0		22.71		24.3	0.0
100	QPSK	135	69		22.72		24.3	0.0
100	QPSK	135	138		22.64		24.3	0.0
100	QPSK	270	0		22.68			
100	16QAM	1	1		22.66		24.3	0.0
100	64QAM	1	1		21.07		22.8	1.5
100	256QAM	1	1		19.09		20.8	3.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.66	22.65	22.69	24.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.67	22.69	24.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.58	22.63	22.67	24.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.66	22.69	22.67	24.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.68	22.69	22.59	24.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.69	22.59	22.65	24.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.59	22.68	22.68	24.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.59	22.60	22.63	24.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.62	22.61	22.62	24.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.60	22.60	22.69	24.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.63	22.66	22.67	24.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.40		27.2	0.0
100	π/2 BPSK	1	137		25.34			
100	π/2 BPSK	1	271		25.51			
100	π/2 BPSK	135	0		25.08		26.7	0.5
100	π/2 BPSK	135	69		25.39		27.2	0.0
100	π/2 BPSK	135	138		25.02		26.7	0.5
100	π/2 BPSK	270	0		25.05			
100	QPSK	1	1		25.54		27.2	0.0
100	QPSK	1	137		25.36			
100	QPSK	1	271		25.51			
100	QPSK	135	0		24.49		26.2	1.0
100	QPSK	135	69		25.51		27.2	0.0
100	QPSK	135	138		24.45		26.2	1.0
100	QPSK	270	0		24.52			
100	16QAM	1	1		24.49		26.2	1.0
100	64QAM	1	1		23.12		24.7	2.5
100	256QAM	1	1		21.01		22.7	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.39	25.41	25.39	27.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.34	25.44	25.35	27.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.42	25.42	25.36	27.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.38	25.49	25.35	27.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.38	25.48	25.31	27.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.41	25.43	25.34	27.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.35	25.43	25.32	27.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.45	25.44	25.33	27.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.45	25.44	25.34	27.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.39	25.42	25.33	27.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.40	25.46	25.40	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	π/2 BPSK	1	1		21.79		23.0	0.0
100	π/2 BPSK	1	137		21.84			
100	π/2 BPSK	1	271		21.83			
100	π/2 BPSK	135	0		21.87		23.0	0.0
100	π/2 BPSK	135	69		21.85		23.0	0.0
100	π/2 BPSK	135	138		21.81		23.0	0.0
100	π/2 BPSK	270	0		21.80			
100	QPSK	1	1		21.93		23.0	0.0
100	QPSK	1	137		21.90			
100	QPSK	1	271		21.85			
100	QPSK	135	0		21.87		23.0	0.0
100	QPSK	135	69		21.88		23.0	0.0
100	QPSK	135	138		21.87		23.0	0.0
100	QPSK	270	0		21.83			
100	16QAM	1	1		21.81		23.0	0.0
100	64QAM	1	1		21.30		22.5	0.5
100	256QAM	1	1		18.79		20.5	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.75	21.80	21.81	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.71	21.70	21.76	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.69	21.73	21.70	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.73	21.78	21.78	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.76	21.70	21.80	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.80	21.74	21.73	23.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.78	21.79	21.76	23.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.71	21.75	21.75	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.78	21.75	21.74	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.79	21.74	21.76	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.73	21.77	21.71	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	π/2 BPSK	1	1		24.80		26.0	0.0
100	π/2 BPSK	1	137		24.86			
100	π/2 BPSK	1	271		24.79			
100	π/2 BPSK	135	0		24.88		26.0	0.0
100	π/2 BPSK	135	69		24.79		26.0	0.0
100	π/2 BPSK	135	138		24.85		26.0	0.0
100	π/2 BPSK	270	0		24.86			
100	QPSK	1	1		24.92		26.0	0.0
100	QPSK	1	137		24.87			
100	QPSK	1	271		24.89			
100	QPSK	135	0		24.88		26.0	0.0
100	QPSK	135	69		24.92		26.0	0.0
100	QPSK	135	138		24.88		26.0	0.0
100	QPSK	270	0		24.86			
100	16QAM	1	1		24.83		26.0	0.0
100	64QAM	1	1		24.32		24.5	1.5
100	256QAM	1	1		21.82		22.0	4.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.83	24.85	24.87	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.86	24.84	24.78	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.87	24.83	24.83	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.76	24.80	24.87	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.79	24.79	24.85	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.80	24.81	24.77	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.81	24.85	24.85	26.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.76	24.78	24.76	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.85	24.77	24.87	26.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.88	24.80	24.81	26.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.81	24.82	24.76	26.0	0.0

Part27Q n78 Ant5 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.35		23.0	0.0
100	π/2 BPSK	1	137		21.49			
100	π/2 BPSK	1	271		21.44			
100	π/2 BPSK	135	0		21.48		23.0	0.0
100	π/2 BPSK	135	69		21.42		23.0	0.0
100	π/2 BPSK	135	138		21.45		23.0	0.0
100	π/2 BPSK	270	0		21.43			
100	QPSK	1	1		21.54		23.0	0.0
100	QPSK	1	137		21.53			
100	QPSK	1	271		21.46			
100	QPSK	135	0		21.44		23.0	0.0
100	QPSK	135	69		21.52		23.0	0.0
100	QPSK	135	138		21.47		23.0	0.0
100	QPSK	270	0		21.39			
100	16QAM	1	1		21.40		23.0	0.0
100	64QAM	1	1		20.87		22.5	0.5
100	256QAM	1	1		18.53		20.5	2.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.44	21.37	21.45	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.40	21.39	21.34	23.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.44	21.44	21.33	23.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.35	21.41	21.34	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.36	21.40	21.41	23.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.34	21.40	21.33	23.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.35	21.37	21.45	23.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.42	21.39	21.44	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.44	21.40	21.35	23.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.39	21.34	21.34	23.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.43	21.39	21.35	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		24.54		26.0	0.0
100	π/2 BPSK	1	137		24.59			
100	π/2 BPSK	1	271		24.52			
100	π/2 BPSK	135	0		24.63		26.0	0.0
100	π/2 BPSK	135	69		24.46		26.0	0.0
100	π/2 BPSK	135	138		24.53		26.0	0.0
100	π/2 BPSK	270	0		24.59			
100	QPSK	1	1		24.66		26.0	0.0
100	QPSK	1	137		24.60			
100	QPSK	1	271		24.63			
100	QPSK	135	0		24.58		26.0	0.0
100	QPSK	135	69		24.60		26.0	0.0
100	QPSK	135	138		24.53		26.0	0.0
100	QPSK	270	0		24.51			
100	16QAM	1	1		24.48		26.0	0.0
100	64QAM	1	1		23.97		24.5	1.5
100	256QAM	1	1		21.55		22.0	4.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.58	24.53	24.59	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.59	24.61	24.53	26.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.57	24.52	24.60	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.54	24.57	24.51	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.59	24.62	24.57	26.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.61	24.61	24.52	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.54	24.57	24.58	26.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.51	24.62	24.51	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.56	24.60	24.61	26.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.61	24.61	24.52	26.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.57	24.60	24.58	26.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	18.97	19.03	18.97	20.2	0.0
50	PI/2 BPSK	1	135	19.05	19.10	19.02		
50	PI/2 BPSK	1	268	18.96	19.05	19.01		
50	PI/2 BPSK	135	0	19.07	19.10	19.03	20.2	0.0
50	PI/2 BPSK	135	68	19.06	19.03	19.05	20.2	0.0
50	PI/2 BPSK	135	135	18.96	19.04	19.02	20.2	0.0
50	PI/2 BPSK	270	0	19.00	19.11	19.03		
50	QPSK	1	1	19.02	19.12	19.00	20.2	0.0
50	QPSK	1	135	19.07	19.06	19.07		
50	QPSK	1	268	18.99	19.11	18.98		
50	QPSK	135	0	19.01	19.04	19.00	20.2	0.0
50	QPSK	135	68	19.03	19.10	18.98	20.2	0.0
50	QPSK	135	135	19.05	19.09	19.01	20.2	0.0
50	QPSK	270	0	19.03	19.07	19.06		
50	16QAM	1	1	18.95	19.04	19.03	20.2	0.0
50	64QAM	1	1	19.05	19.06	18.96	20.2	0.0
50	256QAM	1	1	18.99	19.09	19.00	20.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.96	18.97	18.89	20.2	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.86	19.02	18.95	20.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.97	19.03	18.90	20.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.87	18.96	18.89	20.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.94	19.02	18.89	20.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.93	18.96	18.90	20.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.87	19.04	18.87	20.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.86	19.05	18.89	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.21	21.34	21.09	21.8	0.0
45	PI/2 BPSK	1	120	21.17	21.25	21.16		
45	PI/2 BPSK	1	240	21.21	21.35	21.12		
45	PI/2 BPSK	120	0	21.17	21.24	21.13	21.8	0.0
45	PI/2 BPSK	120	60	21.24	21.34	21.16	21.8	0.0
45	PI/2 BPSK	120	120	21.22	21.24	21.18	21.8	0.0
45	PI/2 BPSK	240	0	21.22	21.34	21.14		
45	QPSK	1	1	21.19	21.36	21.12	21.8	0.0
45	QPSK	1	120	21.16	21.31	21.10		
45	QPSK	1	240	21.14	21.30	21.13		
45	QPSK	120	0	21.21	21.31	21.15	21.8	0.0
45	QPSK	120	60	21.23	21.33	21.09	21.8	0.0
45	QPSK	120	120	21.13	21.31	21.18	21.8	0.0
45	QPSK	240	0	21.17	21.26	21.20		
45	16QAM	1	1	21.18	21.26	21.14	21.8	0.0
45	64QAM	1	1	21.10	21.21	21.00	21.8	0.0
45	256QAM	1	1	20.73	20.83	20.58	21.3	0.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.11	21.17	21.07	21.8	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.08	21.15	20.98	21.8	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.12	21.16	21.05	21.8	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.14	21.14	21.01	21.8	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.05	21.24	21.06	21.8	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.09	21.16	21.02	21.8	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.11	21.19	20.99	21.8	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.04	21.14	21.03	21.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	19.32	19.40	19.35	20.7	0.0
40	Pi/2 BPSK	1	53	19.34	19.32	19.29		
40	Pi/2 BPSK	1	104	19.32	19.31	19.26		
40	Pi/2 BPSK	50	0	19.33	19.41	19.27	20.7	0.0
40	Pi/2 BPSK	50	28	19.39	19.37	19.27	20.7	0.0
40	Pi/2 BPSK	50	56	19.40	19.37	19.33	20.7	0.0
40	Pi/2 BPSK	100	0	19.32	19.35	19.35		
40	QPSK	1	1	19.36	19.42	19.34	20.7	0.0
40	QPSK	1	53	19.38	19.31	19.36		
40	QPSK	1	104	19.39	19.30	19.37		
40	QPSK	50	0	19.32	19.33	19.28	20.7	0.0
40	QPSK	50	28	19.33	19.37	19.30	20.7	0.0
40	QPSK	50	56	19.32	19.33	19.33	20.7	0.0
40	QPSK	100	0	19.30	19.32	19.27		
40	16QAM	1	1	19.36	19.41	19.32	20.7	0.0
40	64QAM	1	1	19.29	19.36	19.35	20.7	0.0
40	256QAM	1	1	18.86	18.88	18.87	20.2	0.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.30	19.17	19.22	20.7	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.22	19.29	19.23	20.7	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.24	19.27	19.23	20.7	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.30	19.24	19.30	20.7	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.23	19.18	19.22	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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	18.66	18.77	18.74	20.2	0.0
100	Pi/2 BPSK	1	137	18.66	18.71	18.72		
100	Pi/2 BPSK	1	271	18.62	18.72	18.70		
100	Pi/2 BPSK	135	0	18.68	18.76	18.75	20.2	0.0
100	Pi/2 BPSK	135	69	18.63	18.74	18.78	20.2	0.0
100	Pi/2 BPSK	135	138	18.65	18.78	18.68	20.2	0.0
100	Pi/2 BPSK	270	0	18.63	18.73	18.69		
100	QPSK	1	1	18.63	18.79	18.73	20.2	0.0
100	QPSK	1	137	18.68	18.73	18.74		
100	QPSK	1	271	18.71	18.78	18.75		
100	QPSK	135	0	18.71	18.76	18.73	20.2	0.0
100	QPSK	135	69	18.68	18.78	18.72	20.2	0.0
100	QPSK	135	138	18.66	18.70	18.76	20.2	0.0
100	QPSK	270	0	18.69	18.75	18.70		
100	16QAM	1	1	18.65	18.76	18.78	20.2	0.0
100	64QAM	1	1	18.71	18.70	18.72	20.2	0.0
100	256QAM	1	1	18.66	18.71	18.71	20.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	18.49	18.70	18.59	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.57	18.62	18.68	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	18.51	18.70	18.63	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.53	18.59	18.66	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	18.50	18.69	18.62	20.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	18.58	18.64	18.61	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.55	18.68	18.58	20.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	18.53	18.64	18.67	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.54	18.69	18.64	20.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	18.55	18.67	18.58	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.57	18.68	18.64	20.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.57	18.59	18.60	20.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.48	18.61	18.66	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	Pi/2 BPSK	1	1	21.66	21.68	21.58	23.0	0.0
40	Pi/2 BPSK	1	53	21.63	21.68	21.52		
40	Pi/2 BPSK	1	104	21.67	21.69	21.60		
40	Pi/2 BPSK	50	0	21.60	21.63	21.61	23.0	0.0
40	Pi/2 BPSK	50	28	21.62	21.65	21.51	23.0	0.0
40	Pi/2 BPSK	50	56	21.62	21.64	21.59	23.0	0.0
40	Pi/2 BPSK	100	0	21.62	21.66	21.59		
40	QPSK	1	1	21.58	21.75	21.52	23.0	0.0
40	QPSK	1	53	21.60	21.72	21.53		
40	QPSK	1	104	21.58	21.70	21.59		
40	QPSK	50	0	21.58	21.64	21.58	23.0	0.0
40	QPSK	50	28	21.58	21.67	21.51	23.0	0.0
40	QPSK	50	56	21.63	21.66	21.52	23.0	0.0
40	QPSK	100	0	21.59	21.65	21.51		
40	16QAM	1	1	21.58	21.69	21.60	23.0	0.0
40	64QAM	1	1	20.61	20.67	20.55	22.0	1.0
40	256QAM	1	1	18.59	18.64	18.47	20.0	3.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.46	21.53	21.48	23.0	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.47	21.48	21.48	23.0	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.46	21.50	21.44	23.0	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.47	21.58	21.39	23.0	0.0

Part27O n77 Ant4 DSI4

BW [MHz]	Modulation	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	19.79	19.86	19.86	20.0	0.0
100	Pi/2 BPSK	1	137	19.80	19.90	19.79		
100	Pi/2 BPSK	1	271	19.81	19.89	19.89		
100	Pi/2 BPSK	135	0	19.82	19.89	19.81	20.0	0.0
100	Pi/2 BPSK	135	69	19.79	19.86	19.82	20.0	0.0
100	Pi/2 BPSK	135	138	19.84	19.86	19.80	20.0	0.0
100	Pi/2 BPSK	270	0	19.82	19.91	19.87		
100	QPSK	1	1	19.76	19.95	19.84	20.0	0.0
100	QPSK	1	137	19.82	19.84	19.84		
100	QPSK	1	271	19.75	19.92	19.88		
100	QPSK	135	0	19.77	19.92	19.88	20.0	0.0
100	QPSK	135	69	19.79	19.93	19.79	20.0	0.0
100	QPSK	135	138	19.77	19.87	19.80	20.0	0.0
100	QPSK	270	0	19.85	19.86	19.83		
100	16QAM	1	1	19.82	19.90	19.81	20.0	0.0
100	64QAM	1	1	19.80	19.83	19.81	20.0	0.0
100	256QAM	1	1	19.85	19.86	19.86	20.0	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.69	19.75	19.80	20.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.65	19.83	19.77	20.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.61	19.77	19.71	20.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.68	19.75	19.70	20.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.72	19.79	19.71	20.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.67	19.80	19.69	20.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.71	19.83	19.73	20.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.76	19.79	19.75	20.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.67	19.82	19.70	20.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.65	19.79	19.69	20.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.62	19.82	19.79	20.0	0.0

Part27O n77 PC2 Ant4 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1	23.35	23.38	23.31	23.5	0.0
100	π/2 BPSK	1	137	23.31	23.45	23.28		
100	π/2 BPSK	1	271	23.27	23.37	23.45		
100	π/2 BPSK	135	0	23.32	23.39	23.30	23.5	0.0
100	π/2 BPSK	135	69	23.26	23.35	23.35	23.5	0.0
100	π/2 BPSK	135	138	23.39	23.34	23.33	23.5	0.0
100	π/2 BPSK	270	0	23.29	23.37	23.42		
100	QPSK	1	1	23.21	23.48	23.40	23.5	0.0
100	QPSK	1	137	23.34	23.29	23.30		
100	QPSK	1	271	23.21	23.40	23.40		
100	QPSK	135	0	23.32	23.40	23.40	23.5	0.0
100	QPSK	135	69	23.29	23.42	23.24	23.5	0.0
100	QPSK	135	138	23.29	23.38	23.29	23.5	0.0
100	QPSK	270	0	23.37	23.39	23.33		
100	16QAM	1	1	23.28	23.36	23.34	23.5	0.0
100	64QAM	1	1	23.33	23.30	23.26	23.5	0.0
100	256QAM	1	1	23.37	23.36	23.32	23.5	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.11	23.44	23.27	23.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.06	23.32	23.34	23.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.15	23.43	23.24	23.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.14	23.39	23.30	23.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.12	23.35	23.25	23.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.11	23.37	23.30	23.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.17	23.34	23.33	23.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.13	23.38	23.34	23.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.10	23.33	23.32	23.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.15	23.36	23.31	23.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.08	23.41	23.25	23.5	0.0

Part27Q n77 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.55		20.0	0.0
100	π/2 BPSK	1	137		19.49			
100	π/2 BPSK	1	271		19.53			
100	π/2 BPSK	135	0		19.49		20.0	0.0
100	π/2 BPSK	135	69		19.50		20.0	0.0
100	π/2 BPSK	135	138		19.51		20.0	0.0
100	π/2 BPSK	270	0		19.54			
100	QPSK	1	1		19.58		20.0	0.0
100	QPSK	1	137		19.51			
100	QPSK	1	271		19.44			
100	QPSK	135	0		19.55		20.0	0.0
100	QPSK	135	69		19.56		20.0	0.0
100	QPSK	135	138		19.51		20.0	0.0
100	QPSK	270	0		19.55			
100	16QAM	1	1		19.54		20.0	0.0
100	64QAM	1	1		19.52		20.0	0.0
100	256QAM	1	1		19.47		20.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.46	19.39	19.40	20.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.46	19.38	19.44	20.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.43	19.47	19.46	20.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.40	19.39	19.39	20.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.45	19.44	19.47	20.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.48	19.48	19.44	20.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.45	19.44	19.41	20.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.49	19.46	19.43	20.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.49	19.42	19.50	20.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.44	19.42	19.48	20.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	19.40	19.43	19.41	20.0	0.0

Part27Q n77 PC2 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.01		23.5	0.0
100	π/2 BPSK	1	137		23.00			
100	π/2 BPSK	1	271		22.99			
100	π/2 BPSK	135	0		23.00		23.5	0.0
100	π/2 BPSK	135	69		23.00		23.5	0.0
100	π/2 BPSK	135	138		22.98		23.5	0.0
100	π/2 BPSK	270	0		23.08			
100	QPSK	1	1		23.12		23.5	0.0
100	QPSK	1	137		23.04			
100	QPSK	1	271		23.00			
100	QPSK	135	0		23.07		23.5	0.0
100	QPSK	135	69		23.11		23.5	0.0
100	QPSK	135	138		22.97		23.5	0.0
100	QPSK	270	0		23.08			
100	16QAM	1	1		23.05		23.5	0.0
100	64QAM	1	1		23.07		23.5	0.0
100	256QAM	1	1		22.97		23.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.04	22.97	23.03	23.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.99	23.04	23.00	23.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.08	23.03	23.07	23.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.99	22.97	23.07	23.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.98	23.06	23.04	23.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.00	22.98	23.03	23.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.97	23.04	22.99	23.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.02	22.96	23.03	23.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.08	23.02	23.05	23.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.99	23.06	22.97	23.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.99	23.03	22.97	23.5	0.0

Part27O n78 Ant4 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1		19.36		19.5	0.0
100	π/2 BPSK	1	137		19.26			
100	π/2 BPSK	1	271		19.32			
100	π/2 BPSK	135	0		19.33		19.5	0.0
100	π/2 BPSK	135	69		19.27		19.5	0.0
100	π/2 BPSK	135	138		19.29		19.5	0.0
100	π/2 BPSK	270	0		19.30			
100	QPSK	1	1		19.40		19.5	0.0
100	QPSK	1	137		19.28			
100	QPSK	1	271		19.27			
100	QPSK	135	0		19.27		19.5	0.0
100	QPSK	135	69		19.35		19.5	0.0
100	QPSK	135	138		19.33		19.5	0.0
100	QPSK	270	0		19.26			
100	16QAM	1	1		19.35		19.5	0.0
100	64QAM	1	1		19.34		19.5	0.0
100	256QAM	1	1		19.30		19.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.27	19.21	19.23	19.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.22	19.24	19.29	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.24	19.19	19.21	19.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.26	19.29	19.28	19.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.20	19.23	19.20	19.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.29	19.26	19.19	19.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.26	19.26	19.22	19.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.26	19.28	19.27	19.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.29	19.28	19.26	19.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.19	19.27	19.30	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.31	19.23	19.24	19.5	0.0

Part27O n78 PC2 Ant4 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1		22.87		23.0	0.0
100	π/2 BPSK	1	137		22.71			
100	π/2 BPSK	1	271		22.79			
100	π/2 BPSK	135	0		22.83		23.0	0.0
100	π/2 BPSK	135	69		22.75		23.0	0.0
100	π/2 BPSK	135	138		22.73		23.0	0.0
100	π/2 BPSK	270	0		22.80			
100	QPSK	1	1		22.95		23.0	0.0
100	QPSK	1	137		22.82			
100	QPSK	1	271		22.77			
100	QPSK	135	0		22.78		23.0	0.0
100	QPSK	135	69		22.91		23.0	0.0
100	QPSK	135	138		22.88		23.0	0.0
100	QPSK	270	0		22.70			
100	16QAM	1	1		22.81		23.0	0.0
100	64QAM	1	1		22.85		23.0	0.0
100	256QAM	1	1		22.84		23.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.83	22.89	22.91	23.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.87	22.86	22.86	23.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.81	22.89	22.80	23.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.82	22.88	22.90	23.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.84	22.88	22.91	23.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.82	22.84	22.82	23.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.85	22.83	22.81	23.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.83	22.84	22.81	23.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.80	22.83	22.88	23.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.86	22.88	22.91	23.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.84	22.85	22.90	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.08		19.5	0.0
100	π/2 BPSK	1	137		19.05			
100	π/2 BPSK	1	271		19.13			
100	π/2 BPSK	135	0		19.11		19.5	0.0
100	π/2 BPSK	135	69		19.05		19.5	0.0
100	π/2 BPSK	135	138		19.08		19.5	0.0
100	π/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.15		19.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.14			
100	QPSK	135	0		19.10		19.5	0.0
100	QPSK	135	69		19.14		19.5	0.0
100	QPSK	135	138		19.06		19.5	0.0
100	QPSK	270	0		19.15			
100	16QAM	1	1		19.13		19.5	0.0
100	64QAM	1	1		19.10		19.5	0.0
100	256QAM	1	1		19.06		19.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.03	18.96	19.03	19.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.00	19.04	19.01	19.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.02	18.96	18.94	19.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.96	18.94	18.96	19.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.95	18.97	18.93	19.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.02	18.94	19.01	19.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.94	19.02	18.96	19.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.00	18.97	18.98	19.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.05	18.99	19.03	19.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.96	19.05	18.96	19.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.96	18.98	19.02	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.53		23.0	0.0
100	π/2 BPSK	1	137		22.58			
100	π/2 BPSK	1	271		22.57			
100	π/2 BPSK	135	0		22.56		23.0	0.0
100	π/2 BPSK	135	69		22.57		23.0	0.0
100	π/2 BPSK	135	138		22.55		23.0	0.0
100	π/2 BPSK	270	0		22.59			
100	QPSK	1	1		22.70		23.0	0.0
100	QPSK	1	137		22.54			
100	QPSK	1	271		22.69			
100	QPSK	135	0		22.63		23.0	0.0
100	QPSK	135	69		22.68		23.0	0.0
100	QPSK	135	138		22.54		23.0	0.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.63		23.0	0.0
100	64QAM	1	1		22.57		23.0	0.0
100	256QAM	1	1		22.59		23.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.58	22.63	22.55	23.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.54	22.63	23.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.59	22.60	22.61	23.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.66	22.66	22.56	23.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.57	22.56	22.56	23.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.65	22.60	22.64	23.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.55	22.64	22.64	23.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.65	22.57	22.54	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.58	22.63	22.63	23.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.57	22.55	22.63	23.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.57	22.57	22.56	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	25.17	25.22	25.18	25.5	0.0
50	Pi/2 BPSK	1	135	25.17	25.17	25.19		
50	Pi/2 BPSK	1	268	25.14	25.15	25.20		
50	Pi/2 BPSK	135	0	24.70	24.80	24.71	25.0	0.5
50	Pi/2 BPSK	135	68	25.10	25.21	25.13	25.5	0.0
50	Pi/2 BPSK	135	135	24.70	24.81	24.78	25.0	0.5
50	Pi/2 BPSK	270	0	24.75	24.76	24.71		
50	QPSK	1	1	25.23	25.25	25.22	25.5	0.0
50	QPSK	1	135	25.13	25.11	25.20		
50	QPSK	1	268	25.19	25.13	25.15		
50	QPSK	135	0	24.19	24.26	24.25	24.5	1.0
50	QPSK	135	68	25.14	25.20	25.12	25.5	0.0
50	QPSK	135	135	24.21	24.25	24.20	24.5	1.0
50	QPSK	270	0	24.26	24.27	24.20		
50	16QAM	1	1	24.27	24.24	24.28	24.5	1.0
50	64QAM	1	1	22.77	22.71	22.68	23.0	2.5
50	256QAM	1	1	20.70	20.76	20.77	21.0	4.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	25.10	25.15	25.15	25.5	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	25.13	25.19	25.13	25.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	25.16	25.21	25.12	25.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	25.17	25.22	25.09	25.5	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pi/2 BPSK	1	1	25.12	25.20	25.18	25.5	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	25.15	25.21	25.18	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	25.19	25.13	25.18	25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	25.16	25.15	25.19	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	24.87	24.96	24.84	25.5	0.0
45	Pi/2 BPSK	1	120	24.89	24.92	24.87		
45	Pi/2 BPSK	1	240	24.88	24.94	24.96		
45	Pi/2 BPSK	120	0	24.41	24.46	24.46	25.0	0.5
45	Pi/2 BPSK	120	60	24.89	24.90	24.90	25.5	0.0
45	Pi/2 BPSK	120	120	24.48	24.50	24.45	25.0	0.5
45	Pi/2 BPSK	240	0	24.44	24.47	24.53		
45	QPSK	1	1	24.93	25.01	24.98	25.5	0.0
45	QPSK	1	120	24.88	24.95	24.88		
45	QPSK	1	240	24.81	24.96	24.94		
45	QPSK	120	0	23.87	23.97	24.02	24.5	1.0
45	QPSK	120	60	24.82	24.97	24.90	25.5	0.0
45	QPSK	120	120	23.92	24.01	23.96	24.5	1.0
45	QPSK	240	0	23.90	24.04	24.01		
45	16QAM	1	1	23.95	23.99	23.93	24.5	1.0
45	64QAM	1	1	22.41	22.50	22.54	23.0	2.5
45	256QAM	1	1	20.40	20.51	20.52	21.0	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	24.80	24.96	24.85	25.5	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	24.80	24.91	24.95	25.5	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	24.88	24.95	24.94	25.5	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	24.84	24.95	24.86	25.5	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	24.80	24.90	24.89	25.5	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	24.87	24.89	24.90	25.5	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	24.85	24.93	24.93	25.5	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	24.89	24.98	24.87	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	1/2 BPSK	1	1	24.98	24.99	24.96	25.5	0.0
40	1/2 BPSK	1	53	25.03	25.00	24.96		
40	1/2 BPSK	1	104	24.96	25.05	24.95		
40	1/2 BPSK	50	0	24.56	24.55	24.54	25.0	0.5
40	1/2 BPSK	50	28	24.96	25.02	24.99	25.5	0.0
40	1/2 BPSK	50	56	24.59	24.61	24.51	25.0	0.5
40	1/2 BPSK	100	0	24.59	24.60	24.53		
40	QPSK	1	1	25.08	25.10	25.06	25.5	0.0
40	QPSK	1	53	24.99	24.99	24.98		
40	QPSK	1	104	25.01	25.07	25.00		
40	QPSK	50	0	24.10	24.07	24.05	24.5	1.0
40	QPSK	50	28	25.03	25.07	24.96	25.5	0.0
40	QPSK	50	56	24.07	24.11	24.01	24.5	1.0
40	QPSK	100	0	24.12	24.13	24.10		
40	16QAM	1	1	24.05	24.09	24.06	24.5	1.0
40	64QAM	1	1	22.59	22.62	22.52	23.0	2.5
40	256QAM	1	1	20.64	20.60	20.51	21.0	4.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	25.05	25.07	25.02	25.5	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	25.05	24.98	25.02	25.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	24.99	25.02	25.01	25.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	25.02	25.04	25.02	25.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	25.02	24.97	24.97	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	1/2 BPSK	1	1	24.93	24.93	24.87	25.5	0.0
100	1/2 BPSK	1	137	25.04	24.91	24.96		
100	1/2 BPSK	1	271	24.93	24.98	24.92		
100	1/2 BPSK	135	0	24.55	24.49	24.48	25.0	0.5
100	1/2 BPSK	135	69	24.97	25.00	24.94	25.5	0.0
100	1/2 BPSK	135	138	24.53	24.54	24.46	25.0	0.5
100	1/2 BPSK	270	0	24.61	24.54	24.51		
100	QPSK	1	1	25.09	25.13	24.97	25.5	0.0
100	QPSK	1	137	24.90	24.94	24.96		
100	QPSK	1	271	24.93	25.04	24.99		
100	QPSK	135	0	24.04	24.02	24.06	24.5	1.0
100	QPSK	135	69	24.98	25.09	24.93	25.5	0.0
100	QPSK	135	138	24.05	24.06	23.92	24.5	1.0
100	QPSK	270	0	24.11	24.16	24.06		
100	16QAM	1	1	24.01	24.11	24.06	24.5	1.0
100	64QAM	1	1	22.56	22.63	22.54	23.0	2.5
100	256QAM	1	1	20.63	20.56	20.49	21.0	4.5
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.04	25.05	24.93	25.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.05	25.00	24.91	25.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	25.02	25.01	24.91	25.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.98	25.10	24.87	25.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	25.03	25.07	24.86	25.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	25.02	25.07	24.92	25.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	25.00	25.06	24.94	25.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	24.97	25.08	24.87	25.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.02	24.99	24.88	25.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	24.98	25.07	24.93	25.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.06	25.05	24.92	25.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	24.97	25.01	24.89	25.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	25.06	25.01	24.89	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				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	1/2 BPSK	1	1	22.04	22.02	22.05	23.6	0.0
40	1/2 BPSK	1	53	22.07	22.10	22.01		
40	1/2 BPSK	1	104	22.01	22.04	22.03		
40	1/2 BPSK	50	0	21.62	21.65	21.60	23.1	0.5
40	1/2 BPSK	50	28	22.05	22.01	21.94	23.6	0.0
40	1/2 BPSK	50	56	21.57	21.62	21.61	23.1	0.5
40	1/2 BPSK	100	0	21.61	21.68	21.59		
40	QPSK	1	1	22.09	22.15	22.08	23.6	0.0
40	QPSK	1	53	21.97	22.03	21.99		
40	QPSK	1	104	22.03	22.11	22.03		
40	QPSK	50	0	21.13	21.21	21.04	22.6	1.0
40	QPSK	50	28	22.00	22.11	22.03	23.6	0.0
40	QPSK	50	56	21.09	21.14	21.06	22.6	1.0
40	QPSK	100	0	21.11	21.18	21.06		
40	16QAM	1	1	21.04	21.15	21.13	22.6	1.0
40	64QAM	1	1	19.63	19.67	19.59	21.1	2.5
40	256QAM	1	1	17.62	17.68	17.60	19.1	4.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	21.95	22.01	22.02	23.6	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	21.98	22.07	21.94	23.6	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	21.95	22.13	21.97	23.6	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	21.98	22.03	22.03	23.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	1/2 BPSK	1	1	23.97	24.09	23.83	25.3	0.0
100	1/2 BPSK	1	137	23.99	24.12	23.92		
100	1/2 BPSK	1	271	23.97	24.01	23.91		
100	1/2 BPSK	135	0	23.48	23.65	23.43	24.8	0.5
100	1/2 BPSK	135	69	23.97	24.07	23.91	25.3	0.0
100	1/2 BPSK	135	138	23.54	23.69	23.50	24.8	0.5
100	1/2 BPSK	270	0	23.58	23.70	23.47		
100	QPSK	1	1	24.04	24.15	23.95	25.3	0.0
100	QPSK	1	137	23.99	24.06	23.91		
100	QPSK	1	271	23.95	24.08	23.90		
100	QPSK	135	0	23.05	23.17	22.96	24.3	1.0
100	QPSK	135	69	24.02	24.13	23.86	25.3	0.0
100	QPSK	135	138	23.04	23.15	22.90	24.3	1.0
100	QPSK	270	0	23.10	23.19	23.00		
100	16QAM	1	1	23.07	23.16	22.93	24.3	1.0
100	64QAM	1	1	21.59	21.70	21.40	22.8	2.5
100	256QAM	1	1	19.51	19.61	19.50	20.8	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.91	24.02	23.90	25.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3743.01	3840	3940.02		
80	QPSK	1	1	23.99	24.11	23.92	25.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.95	24.10	23.90	25.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.98	24.09	23.86	25.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.92	24.02	23.86	25.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.91	24.10	23.82	25.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.93	24.07	23.87	25.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.98	24.06	23.82	25.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.99	24.06	23.88	25.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	24.00	24.11	23.88	25.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.91	24.11	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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.97	26.08	25.77	27.3	0.0
100	π/2 BPSK	1	137	25.97	26.08	25.96		
100	π/2 BPSK	1	271	26.01	26.07	25.90		
100	π/2 BPSK	135	0	25.45	25.61	25.41	26.8	0.5
100	π/2 BPSK	135	69	26.00	26.10	25.93	27.3	0.0
100	π/2 BPSK	135	138	25.60	25.63	25.53	26.8	0.5
100	π/2 BPSK	270	0	25.56	25.72	25.42		
100	QPSK	1	1	25.98	26.17	25.99	27.3	0.0
100	QPSK	1	137	26.04	26.11	25.86		
100	QPSK	1	271	25.97	26.12	25.93		
100	QPSK	135	0	25.02	25.17	24.96	26.3	1.0
100	QPSK	135	69	26.00	26.14	25.91	27.3	0.0
100	QPSK	135	138	25.08	25.16	24.85	26.3	1.0
100	QPSK	270	0	25.05	25.15	25.06		
100	16QAM	1	1	25.09	25.13	24.98	26.3	1.0
100	64QAM	1	1	23.64	23.69	23.37	24.8	2.5
100	256QAM	1	1	21.52	21.66	21.44	22.8	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.95	26.07	25.91	27.3	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.92	26.09	25.91	27.3	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.88	26.06	25.94	27.3	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.87	26.05	25.88	27.3	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.87	26.04	25.93	27.3	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.93	26.08	25.95	27.3	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.93	26.05	25.88	27.3	0.0
Channel				647500	656000	664500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.94	26.04	25.90	27.3	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.94	26.09	25.87	27.3	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.88	26.07	25.91	27.3	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.95	26.04	25.85	27.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.58		25.3	0.0
100	π/2 BPSK	1	137		23.58			
100	π/2 BPSK	1	271		23.50			
100	π/2 BPSK	135	0		23.17		24.8	0.5
100	π/2 BPSK	135	69		23.57		25.3	0.0
100	π/2 BPSK	135	138		23.15		24.8	0.5
100	π/2 BPSK	270	0		23.15			
100	QPSK	1	1		23.65		25.3	0.0
100	QPSK	1	137		23.52			
100	QPSK	1	271		23.52			
100	QPSK	135	0		22.59		24.3	1.0
100	QPSK	135	69		23.62		25.3	0.0
100	QPSK	135	138		22.72		24.3	1.0
100	QPSK	270	0		22.62			
100	16QAM	1	1		22.67		24.3	1.0
100	64QAM	1	1		21.17		22.8	2.5
100	256QAM	1	1		19.08		20.8	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.56	23.54	23.52	25.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.58	23.57	23.50	25.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.58	23.51	23.57	25.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.56	23.52	23.54	25.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.53	23.60	23.60	25.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.56	23.49	23.51	25.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.51	23.57	23.58	25.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.59	23.54	23.56	25.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.56	23.52	23.55	25.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.61	23.56	23.50	25.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.57	23.54	23.53	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.64		27.3	0.0
100	π/2 BPSK	1	137		25.57			
100	π/2 BPSK	1	271		25.61			
100	π/2 BPSK	135	0		25.06		26.8	0.5
100	π/2 BPSK	135	69		25.54		27.3	0.0
100	π/2 BPSK	135	138		25.16		26.8	0.5
100	π/2 BPSK	270	0		25.18			
100	QPSK	1	1		25.66		27.3	0.0
100	QPSK	1	137		25.65			
100	QPSK	1	271		25.57			
100	QPSK	135	0		24.72		26.3	1.0
100	QPSK	135	69		25.61		27.3	0.0
100	QPSK	135	138		24.69		26.3	1.0
100	QPSK	270	0		24.65			
100	16QAM	1	1		24.64		26.3	1.0
100	64QAM	1	1		23.21		24.8	2.5
100	256QAM	1	1		21.21		22.8	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.59	25.51	25.58	27.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.51	25.54	25.62	27.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.60	25.62	25.54	27.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.62	25.57	25.56	27.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.58	25.53	25.58	27.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.61	25.59	25.58	27.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.59	25.61	25.57	27.3	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.61	25.53	25.59	27.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.53	25.55	25.60	27.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.61	25.56	25.53	27.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.56	25.59	25.51	27.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	π/2 BPSK	1	1		24.07		25.3	0.0
100	π/2 BPSK	1	137		24.06			
100	π/2 BPSK	1	271		24.00			
100	π/2 BPSK	135	0		23.64		24.8	0.5
100	π/2 BPSK	135	69		24.04		25.3	0.0
100	π/2 BPSK	135	138		23.63		24.8	0.5
100	π/2 BPSK	270	0		23.67			
100	QPSK	1	1		24.17		25.3	0.0
100	QPSK	1	137		23.98			
100	QPSK	1	271		24.01			
100	QPSK	135	0		23.12		24.3	1.0
100	QPSK	135	69		24.09		25.3	0.0
100	QPSK	135	138		23.23		24.3	1.0
100	QPSK	270	0		23.08			
100	16QAM	1	1		23.18		24.3	1.0
100	64QAM	1	1		21.71		22.8	2.5
100	256QAM	1	1		19.57		20.8	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.03	24.01	24.11	25.3	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.09	24.12	24.09	25.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.11	24.07	24.12	25.3	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.12	24.02	24.06	25.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.02	24.05	24.07	25.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.06	24.13	24.02	25.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.10	24.08	24.02	25.3	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.01	24.01	24.13	25.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.11	24.02	24.03	25.3	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.06	24.02	24.10	25.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.06	24.10	24.04	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	650000	650000		
Frequency (MHz)				3750	3750	3750		
100	π/2 BPSK	1	1		26.05		27.2	0.0
100	π/2 BPSK	1	137		26.05			
100	π/2 BPSK	1	271		26.02			
100	π/2 BPSK	135	0		25.53		26.7	0.5
100	π/2 BPSK	135	69		26.06		27.2	0.0
100	π/2 BPSK	135	138		25.49		26.7	0.5
100	π/2 BPSK	270	0		25.60			
100	QPSK	1	1		26.13		27.2	0.0
100	QPSK	1	137		26.09			
100	QPSK	1	271		26.10			
100	QPSK	135	0		24.93		26.2	1.0
100	QPSK	135	69		25.98		27.2	0.0
100	QPSK	135	138		24.98		26.2	1.0
100	QPSK	270	0		24.98			
100	16QAM	1	1		24.96		26.2	1.0
100	64QAM	1	1		22.91		24.7	2.5
100	256QAM	1	1		20.77		22.7	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	26.07	25.98	26.05	27.2	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	26.06	26.07	26.05	27.2	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	26.09	26.04	26.01	27.2	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	26.06	26.08	26.01	27.2	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	26.08	26.03	26.00	27.2	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	26.04	25.98	26.08	27.2	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.98	26.01	25.99	27.2	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	26.00	26.07	26.04	27.2	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.98	25.97	25.97	27.2	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	26.05	26.03	25.97	27.2	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.98	26.09	26.04	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.54		25.3	0.0
100	π/2 BPSK	1	137		23.60			
100	π/2 BPSK	1	271		23.54			
100	π/2 BPSK	135	0		23.10		24.8	0.5
100	π/2 BPSK	135	69		23.51		25.3	0.0
100	π/2 BPSK	135	138		23.17		24.8	0.5
100	π/2 BPSK	270	0		23.21			
100	QPSK	1	1		23.72		25.3	0.0
100	QPSK	1	137		23.53			
100	QPSK	1	271		23.45			
100	QPSK	135	0		22.67		24.3	1.0
100	QPSK	135	69		23.61		25.3	0.0
100	QPSK	135	138		22.72		24.3	1.0
100	QPSK	270	0		22.57			
100	16QAM	1	1		22.64		24.3	1.0
100	64QAM	1	1		21.21		22.8	2.5
100	256QAM	1	1		19.12		20.8	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.66	23.56	23.58	25.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.56	23.67	23.62	25.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.57	23.58	23.62	25.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.62	23.65	23.56	25.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.57	23.59	23.58	25.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.57	23.67	23.57	25.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.67	23.64	23.57	25.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.58	23.63	23.57	25.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.67	23.63	23.61	25.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.61	23.59	23.62	25.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.62	23.63	23.58	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.50		27.2	0.0
100	π/2 BPSK	1	137		25.51			
100	π/2 BPSK	1	271		25.49			
100	π/2 BPSK	135	0		25.04		26.7	0.5
100	π/2 BPSK	135	69		25.50		27.2	0.0
100	π/2 BPSK	135	138		24.99		26.7	0.5
100	π/2 BPSK	270	0		25.12			
100	QPSK	1	1		25.69		27.2	0.0
100	QPSK	1	137		25.64			
100	QPSK	1	271		25.65			
100	QPSK	135	0		24.46		26.2	1.0
100	QPSK	135	69		25.49		27.2	0.0
100	QPSK	135	138		24.43		26.2	1.0
100	QPSK	270	0		24.62			
100	16QAM	1	1		24.48		26.2	1.0
100	64QAM	1	1		23.16		24.7	2.5
100	256QAM	1	1		21.14		22.7	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.63	25.60	25.59	27.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.60	25.62	25.62	27.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.59	25.57	25.57	27.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.57	25.63	25.62	27.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.64	25.58	25.61	27.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.56	25.61	25.56	27.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.58	25.55	25.54	27.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.63	25.65	25.57	27.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.65	25.60	25.62	27.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.55	25.61	25.61	27.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.60	25.57	25.62	27.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	19.70	19.81	19.68	20.8	0.0
50	PI/2 BPSK	1	135	19.74	19.75	19.70		
50	PI/2 BPSK	1	268	19.70	19.75	19.71		
50	PI/2 BPSK	135	0	19.65	19.75	19.75	20.8	0.0
50	PI/2 BPSK	135	68	19.70	19.73	19.71	20.8	0.0
50	PI/2 BPSK	135	135	19.64	19.71	19.76	20.8	0.0
50	PI/2 BPSK	270	0	19.69	19.79	19.66		
50	QPSK	1	1	19.64	19.85	19.73	20.8	0.0
50	QPSK	1	135	19.67	19.78	19.67		
50	QPSK	1	268	19.70	19.78	19.75		
50	QPSK	135	0	19.69	19.70	19.74	20.8	0.0
50	QPSK	135	68	19.71	19.79	19.69	20.8	0.0
50	QPSK	135	135	19.65	19.70	19.72	20.8	0.0
50	QPSK	270	0	19.66	19.76	19.73		
50	16QAM	1	1	19.64	19.74	19.66	20.8	0.0
50	64QAM	1	1	19.70	19.76	19.75	20.8	0.0
50	256QAM	1	1	18.14	18.19	18.27	19.3	1.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	19.56	19.62	19.58	20.8	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	19.51	19.55	19.68	20.8	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	19.59	19.55	19.69	20.8	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	19.55	19.65	19.59	20.8	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.57	19.60	19.63	20.8	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	19.48	19.64	19.68	20.8	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	19.58	19.65	19.62	20.8	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	19.55	19.62	19.62	20.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	21.89	21.91	21.85	23.2	0.0
45	PI/2 BPSK	1	120	21.98	22.00	21.84		
45	PI/2 BPSK	1	240	21.86	21.85	21.77		
45	PI/2 BPSK	120	0	21.51	21.41	21.47	22.7	0.5
45	PI/2 BPSK	120	60	21.96	21.92	21.76	23.2	0.0
45	PI/2 BPSK	120	120	21.44	21.57	21.38	22.7	0.5
45	PI/2 BPSK	240	0	21.52	21.52	21.26		
45	QPSK	1	1	22.02	22.08	22.05	23.2	0.0
45	QPSK	1	120	21.80	21.87	21.77		
45	QPSK	1	240	22.04	21.86	21.86		
45	QPSK	120	0	20.91	20.97	20.94	22.2	1.0
45	QPSK	120	60	21.83	21.98	21.68	23.2	0.0
45	QPSK	120	120	20.99	21.00	20.91	22.2	1.0
45	QPSK	240	0	20.91	20.97	20.77		
45	16QAM	1	1	20.94	20.98	20.96	22.2	1.0
45	64QAM	1	1	19.55	19.55	19.42	20.7	2.5
45	256QAM	1	1	17.49	17.44	17.43	18.7	4.5
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	21.93	22.00	21.98	23.2	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	21.93	21.98	22.00	23.2	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.92	21.99	21.98	23.2	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.88	21.95	21.93	23.2	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.96	22.03	21.95	23.2	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.93	21.98	21.99	23.2	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.93	22.01	21.98	23.2	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.95	21.97	21.93	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	19.75	19.77	19.73	20.6	0.0
40	Pi/2 BPSK	1	53	19.74	19.74	19.74		
40	Pi/2 BPSK	1	104	19.79	19.81	19.82		
40	Pi/2 BPSK	50	0	19.70	19.82	19.77	20.6	0.0
40	Pi/2 BPSK	50	28	19.78	19.81	19.73	20.6	0.0
40	Pi/2 BPSK	50	56	19.66	19.72	19.78	20.6	0.0
40	Pi/2 BPSK	100	0	19.66	19.80	19.82		
40	QPSK	1	1	19.75	19.83	19.79	20.6	0.0
40	QPSK	1	53	19.72	19.74	19.73		
40	QPSK	1	104	19.66	19.74	19.68		
40	QPSK	50	0	19.74	19.81	19.76	20.6	0.0
40	QPSK	50	28	19.76	19.83	19.76	20.6	0.0
40	QPSK	50	56	19.78	19.76	19.79	20.6	0.0
40	QPSK	100	0	19.70	19.80	19.75		
40	16QAM	1	1	19.79	19.81	19.76	20.6	0.0
40	64QAM	1	1	19.77	19.80	19.80	20.6	0.0
40	256QAM	1	1	17.74	17.71	17.76	19.1	1.5
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.24	19.35	19.28	20.6	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	19.23	19.30	19.30	20.6	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.24	19.35	19.31	20.6	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	19.24	19.35	19.32	20.6	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	19.24	19.31	19.28	20.6	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	19.22	19.32	19.22	20.2	0.0
100	Pi/2 BPSK	1	137	19.17	19.32	19.22		
100	Pi/2 BPSK	1	271	19.13	19.35	19.17		
100	Pi/2 BPSK	135	0	19.17	19.24	19.25	20.2	0.0
100	Pi/2 BPSK	135	69	19.20	19.33	19.22	20.2	0.0
100	Pi/2 BPSK	135	138	19.19	19.34	19.19	20.2	0.0
100	Pi/2 BPSK	270	0	19.16	19.29	19.17		
100	QPSK	1	1	19.22	19.36	19.16	20.2	0.0
100	QPSK	1	137	19.18	19.27	19.22		
100	QPSK	1	271	19.13	19.32	19.16		
100	QPSK	135	0	19.16	19.32	19.19	20.2	0.0
100	QPSK	135	69	19.15	19.33	19.25	20.2	0.0
100	QPSK	135	138	19.16	19.24	19.26	20.2	0.0
100	QPSK	270	0	19.17	19.28	19.27		
100	16QAM	1	1	19.23	19.28	19.18	20.2	0.0
100	64QAM	1	1	19.17	19.30	19.28	20.2	0.0
100	256QAM	1	1	18.27	18.35	18.21	19.2	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.11	19.24	19.04	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.10	19.23	19.11	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.11	19.24	19.06	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.08	19.19	19.08	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.08	19.28	19.06	20.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.17	19.19	19.06	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.06	19.25	19.01	20.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.18	19.26	19.06	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.11	19.30	19.01	20.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.06	19.19	19.09	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.07	19.21	19.08	20.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.18	19.27	19.03	20.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.06	19.28	19.01	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	23.83	23.96	23.75	25.7	0.0
100	π/2 BPSK	1	137	23.92	23.98	23.78		
100	π/2 BPSK	1	271	23.89	23.95	23.81		
100	π/2 BPSK	135	0	23.36	23.61	23.39	25.2	0.5
100	π/2 BPSK	135	69	23.86	23.92	23.87	25.7	0.0
100	π/2 BPSK	135	138	23.42	23.57	23.40	25.2	0.5
100	π/2 BPSK	270	0	23.43	23.55	23.42		
100	QPSK	1	1	23.72	24.13	24.06	25.7	0.0
100	QPSK	1	137	23.95	23.91	23.83		
100	QPSK	1	271	23.84	23.94	23.80		
100	QPSK	135	0	22.91	23.05	22.91	24.7	1.0
100	QPSK	135	69	23.96	23.98	23.75	25.7	0.0
100	QPSK	135	138	23.00	23.04	22.79	24.7	1.0
100	QPSK	270	0	22.98	23.07	22.92		
100	16QAM	1	1	22.96	23.10	22.82	24.7	1.0
100	64QAM	1	1	21.51	21.58	21.35	23.2	2.5
100	256QAM	1	1	19.47	19.56	19.34	21.2	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.93	23.99	23.94	25.7	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.90	24.00	23.91	25.7	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.97	24.02	23.95	25.7	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.94	24.05	23.99	25.7	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.98	24.03	24.00	25.7	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.95	24.09	23.91	25.7	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.91	24.09	23.94	25.7	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.93	24.07	24.00	25.7	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.97	24.05	23.98	25.7	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.96	24.05	23.92	25.7	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.98	24.03	23.93	25.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	25.95	25.98	25.96	27.5	0.0
100	π/2 BPSK	1	137	25.92	25.99	25.88		
100	π/2 BPSK	1	271	25.95	26.07	25.84		
100	π/2 BPSK	135	0	25.35	25.53	25.36	27.0	0.5
100	π/2 BPSK	135	69	25.99	26.02	25.83	27.5	0.0
100	π/2 BPSK	135	138	25.51	25.58	25.53	27.0	0.5
100	π/2 BPSK	270	0	25.45	25.71	25.36		
100	QPSK	1	1	25.91	26.16	26.11	27.5	0.0
100	QPSK	1	137	26.02	26.05	25.82		
100	QPSK	1	271	25.92	26.12	25.86		
100	QPSK	135	0	25.01	25.10	24.93	26.5	1.0
100	QPSK	135	69	26.00	26.04	25.84	27.5	0.0
100	QPSK	135	138	24.98	25.08	24.76	26.5	1.0
100	QPSK	270	0	25.00	25.07	24.96		
100	16QAM	1	1	25.03	25.11	24.93	26.5	1.0
100	64QAM	1	1	23.64	23.68	23.35	25.0	2.5
100	256QAM	1	1	21.52	21.61	21.37	23.0	4.5
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	25.86	26.00	25.96	27.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	25.86	26.12	26.01	27.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	25.81	26.10	25.96	27.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	25.84	26.00	25.96	27.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	25.80	26.07	25.95	27.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	25.76	26.11	25.99	27.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	25.80	26.06	26.00	27.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	25.78	26.12	26.00	27.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	25.79	26.09	25.96	27.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	25.81	26.05	26.00	27.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	25.76	26.01	26.02	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.79		25.7	0.0
100	π/2 BPSK	1	137		23.76			
100	π/2 BPSK	1	271		23.78			
100	π/2 BPSK	135	0		23.37		25.2	0.5
100	π/2 BPSK	135	69		23.71		25.7	0.0
100	π/2 BPSK	135	138		23.33		25.2	0.5
100	π/2 BPSK	270	0		23.38			
100	QPSK	1	1		23.94		25.7	0.0
100	QPSK	1	137		23.72			
100	QPSK	1	271		23.74			
100	QPSK	135	0		22.86		24.7	1.0
100	QPSK	135	69		23.81		25.7	0.0
100	QPSK	135	138		22.79		24.7	1.0
100	QPSK	270	0		22.87			
100	16QAM	1	1		22.95		24.7	1.0
100	64QAM	1	1		21.33		23.2	2.5
100	256QAM	1	1		19.39		21.2	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.78	23.89	23.81	25.7	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.78	23.83	23.84	25.7	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.83	23.86	23.78	25.7	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.83	23.85	23.89	25.7	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.85	23.84	23.83	25.7	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.85	23.82	23.84	25.7	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.81	23.87	23.78	25.7	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.82	23.78	23.81	25.7	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.82	23.83	23.89	25.7	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.87	23.83	23.88	25.7	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.87	23.82	23.81	25.7	0.0

Part27Q n77 PC2 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.76		27.5	0.0
100	π/2 BPSK	1	137		25.75			
100	π/2 BPSK	1	271		25.84			
100	π/2 BPSK	135	0		25.36		27.0	0.5
100	π/2 BPSK	135	69		25.77		27.5	0.0
100	π/2 BPSK	135	138		25.42		27.0	0.5
100	π/2 BPSK	270	0		25.50			
100	QPSK	1	1		25.88		27.5	0.0
100	QPSK	1	137		25.81			
100	QPSK	1	271		25.82			
100	QPSK	135	0		24.96		26.5	1.0
100	QPSK	135	69		25.83		27.5	0.0
100	QPSK	135	138		24.85		26.5	1.0
100	QPSK	270	0		24.85			
100	16QAM	1	1		24.86		26.5	1.0
100	64QAM	1	1		23.45		25.0	2.5
100	256QAM	1	1		21.40		23.0	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.72	25.81	25.78	27.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.82	25.77	25.76	27.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.81	25.78	25.80	27.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.81	25.80	25.78	27.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.76	25.73	25.79	27.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.82	25.77	25.80	27.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.75	25.81	25.70	27.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.77	25.81	25.79	27.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.77	25.81	25.72	27.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.74	25.73	25.75	27.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.70	25.81	25.78	27.5	0.0

Part27O n78 Ant10 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1		24.04		24.9	0.0
100	π/2 BPSK	1	137		24.02			
100	π/2 BPSK	1	271		23.99			
100	π/2 BPSK	135	0		23.57		24.4	0.5
100	π/2 BPSK	135	69		23.96		24.9	0.0
100	π/2 BPSK	135	138		23.50		24.4	0.5
100	π/2 BPSK	270	0		23.54			
100	QPSK	1	1		24.13		24.9	0.0
100	QPSK	1	137		23.92			
100	QPSK	1	271		23.95			
100	QPSK	135	0		23.01		23.9	1.0
100	QPSK	135	69		23.95		24.9	0.0
100	QPSK	135	138		23.02		23.9	1.0
100	QPSK	270	0		23.11			
100	16QAM	1	1		23.13		23.9	1.0
100	64QAM	1	1		21.52		22.4	2.5
100	256QAM	1	1		19.64		20.4	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	23.98	24.06	24.00	24.9	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	23.89	23.97	23.89	24.9	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	23.87	23.99	23.97	24.9	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	23.93	24.03	23.98	24.9	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	23.97	24.04	23.99	24.9	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	23.94	23.95	23.96	24.9	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	23.91	23.95	23.90	24.9	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	23.96	24.06	23.95	24.9	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	23.94	24.03	23.89	24.9	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	23.88	23.98	23.91	24.9	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	23.96	24.05	23.90	24.9	0.0

Part27O n78 PC2 Ant10 DSI4

BW [MHz]	Modulation	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	π/2 BPSK	1	1		25.98		26.8	0.0
100	π/2 BPSK	1	137		25.88			
100	π/2 BPSK	1	271		25.89			
100	π/2 BPSK	135	0		25.48		26.3	0.5
100	π/2 BPSK	135	69		25.81		26.8	0.0
100	π/2 BPSK	135	138		25.35		26.3	0.5
100	π/2 BPSK	270	0		25.43			
100	QPSK	1	1		26.03		26.8	0.0
100	QPSK	1	137		25.79			
100	QPSK	1	271		25.85			
100	QPSK	135	0		24.96		25.8	1.0
100	QPSK	135	69		25.83		26.8	0.0
100	QPSK	135	138		24.93		25.8	1.0
100	QPSK	270	0		24.95			
100	16QAM	1	1		25.05		25.8	1.0
100	64QAM	1	1		23.44		24.3	2.5
100	256QAM	1	1		21.60		22.3	4.5
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	25.86	25.91	25.84	26.8	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	25.85	25.95	25.89	26.8	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	25.92	25.99	25.85	26.8	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	25.82	26.00	25.93	26.8	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	25.84	25.97	25.92	26.8	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	25.85	25.98	25.93	26.8	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	25.93	26.00	25.85	26.8	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	25.94	26.01	25.88	26.8	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	25.89	26.00	25.90	26.8	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	25.91	26.00	25.94	26.8	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	25.85	25.95	25.96	26.8	0.0

Part27Q n78 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.61		24.9	0.0
100	π/2 BPSK	1	137		23.61			
100	π/2 BPSK	1	271		23.64			
100	π/2 BPSK	135	0		23.14		24.4	0.5
100	π/2 BPSK	135	69		23.53		24.9	0.0
100	π/2 BPSK	135	138		23.05		24.4	0.5
100	π/2 BPSK	270	0		23.16			
100	QPSK	1	1		23.74		24.9	0.0
100	QPSK	1	137		23.47			
100	QPSK	1	271		23.56			
100	QPSK	135	0		22.57		23.9	1.0
100	QPSK	135	69		23.54		24.9	0.0
100	QPSK	135	138		22.66		23.9	1.0
100	QPSK	270	0		22.67			
100	16QAM	1	1		22.69		23.9	1.0
100	64QAM	1	1		21.09		22.4	2.5
100	256QAM	1	1		19.24		20.4	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.58	23.67	23.64	24.9	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.56	23.64	23.55	24.9	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.55	23.63	23.59	24.9	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.54	23.65	23.58	24.9	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.53	23.64	23.57	24.9	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.63	23.67	23.55	24.9	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.56	23.62	23.59	24.9	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.55	23.65	23.61	24.9	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.63	23.65	23.60	24.9	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.58	23.71	23.63	24.9	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.60	23.67	23.65	24.9	0.0

Part27Q n78 PC2 Ant10 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		25.56		26.8	0.0
100	π/2 BPSK	1	137		25.46			
100	π/2 BPSK	1	271		25.55			
100	π/2 BPSK	135	0		25.02		26.3	0.5
100	π/2 BPSK	135	69		25.42		26.8	0.0
100	π/2 BPSK	135	138		24.90		26.3	0.5
100	π/2 BPSK	270	0		25.06			
100	QPSK	1	1		25.64		26.8	0.0
100	QPSK	1	137		25.32			
100	QPSK	1	271		25.51			
100	QPSK	135	0		24.43		25.8	1.0
100	QPSK	135	69		25.39		26.8	0.0
100	QPSK	135	138		24.52		25.8	1.0
100	QPSK	270	0		24.56			
100	16QAM	1	1		24.53		25.8	1.0
100	64QAM	1	1		22.99		24.3	2.5
100	256QAM	1	1		21.11		22.3	4.5
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	25.43	25.60	25.59	26.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	25.45	25.59	25.57	26.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	25.45	25.58	25.49	26.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	25.44	25.53	25.57	26.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	25.45	25.56	25.52	26.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	25.43	25.54	25.55	26.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	25.44	25.54	25.55	26.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	25.45	25.62	25.48	26.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	25.45	25.51	25.49	26.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	25.45	25.52	25.50	26.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	25.48	25.60	25.49	26.8	0.0

Reduced Power Mode for DSI5_Other PA

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	14.33	14.27	14.18	15.0	0.0
50	PI/2 BPSK	1	135	14.22	14.31	14.14		
50	PI/2 BPSK	1	268	14.26	14.29	14.25		
50	PI/2 BPSK	135	0	14.28	14.37	14.22	15.0	0.0
50	PI/2 BPSK	135	68	14.27	14.33	14.22	15.0	0.0
50	PI/2 BPSK	135	135	14.33	14.27	14.23	15.0	0.0
50	PI/2 BPSK	270	0	14.29	14.33	14.25		
50	QPSK	1	1	14.26	14.41	14.22	15.0	0.0
50	QPSK	1	135	14.30	14.27	14.24		
50	QPSK	1	268	14.21	14.37	14.16		
50	QPSK	135	0	14.33	14.37	14.21	15.0	0.0
50	QPSK	135	68	14.30	14.39	14.15	15.0	0.0
50	QPSK	135	135	14.24	14.34	14.25	15.0	0.0
50	QPSK	270	0	14.23	14.30	14.21		
50	16QAM	1	1	14.29	14.26	14.22	15.0	0.0
50	64QAM	1	1	14.22	14.27	14.18	15.0	0.0
50	256QAM	1	1	14.31	14.32	14.18	15.0	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	14.14	14.23	14.11	15.0	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	14.15	14.31	14.10	15.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	14.17	14.29	14.12	15.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	14.16	14.27	14.10	15.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.15	14.24	14.12	15.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	14.15	14.25	14.07	15.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	14.20	14.27	14.18	15.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	14.20	14.21	14.07	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				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	14.84	14.82	14.74	15.8	0.0
45	PI/2 BPSK	1	120	14.83	14.87	14.74		
45	PI/2 BPSK	1	240	14.80	14.86	14.77		
45	PI/2 BPSK	120	0	14.80	14.76	14.72	15.8	0.0
45	PI/2 BPSK	120	60	14.74	14.79	14.76	15.8	0.0
45	PI/2 BPSK	120	120	14.81	14.78	14.78	15.8	0.0
45	PI/2 BPSK	240	0	14.80	14.77	14.79		
45	QPSK	1	1	14.77	14.89	14.71	15.8	0.0
45	QPSK	1	120	14.76	14.87	14.74		
45	QPSK	1	240	14.83	14.80	14.76		
45	QPSK	120	0	14.81	14.86	14.72	15.8	0.0
45	QPSK	120	60	14.81	14.87	14.75	15.8	0.0
45	QPSK	120	120	14.80	14.86	14.71	15.8	0.0
45	QPSK	240	0	14.82	14.83	14.71		
45	16QAM	1	1	14.84	14.84	14.82	15.8	0.0
45	64QAM	1	1	14.79	14.83	14.80	15.8	0.0
45	256QAM	1	1	14.83	14.82	14.72	15.8	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	14.72	14.74	14.66	15.8	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	14.64	14.72	14.59	15.8	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	14.63	14.75	14.56	15.8	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	14.70	14.79	14.63	15.8	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	14.72	14.74	14.60	15.8	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	14.65	14.82	14.58	15.8	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	14.68	14.81	14.66	15.8	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	14.65	14.77	14.65	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	13.74	13.80	13.71	14.5	0.0
40	π/2 BPSK	1	53	13.72	13.73	13.76		
40	π/2 BPSK	1	104	13.67	13.79	13.78		
40	π/2 BPSK	50	0	13.66	13.78	13.71	14.5	0.0
40	π/2 BPSK	50	28	13.68	13.71	13.69	14.5	0.0
40	π/2 BPSK	50	56	13.76	13.75	13.70	14.5	0.0
40	π/2 BPSK	100	0	13.74	13.78	13.71		
40	QPSK	1	1	13.71	13.85	13.80	14.5	0.0
40	QPSK	1	53	13.75	13.80	13.77		
40	QPSK	1	104	13.75	13.72	13.71		
40	QPSK	50	0	13.67	13.78	13.70	14.5	0.0
40	QPSK	50	28	13.70	13.82	13.72	14.5	0.0
40	QPSK	50	56	13.70	13.81	13.75	14.5	0.0
40	QPSK	100	0	13.68	13.81	13.79		
40	16QAM	1	1	13.67	13.72	13.76	14.5	0.0
40	64QAM	1	1	13.70	13.80	13.78	14.5	0.0
40	256QAM	1	1	13.76	13.73	13.75	14.5	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	13.61	13.72	13.64	14.5	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	13.57	13.68	13.71	14.5	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	13.66	13.74	13.65	14.5	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	13.60	13.70	13.65	14.5	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	13.60	13.67	13.73	14.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	13.10	13.10	13.02	14.1	0.0
100	π/2 BPSK	1	137	13.05	13.10	13.07		
100	π/2 BPSK	1	271	13.09	13.10	13.05		
100	π/2 BPSK	135	0	13.11	13.08	13.10	14.1	0.0
100	π/2 BPSK	135	69	13.11	13.10	13.02	14.1	0.0
100	π/2 BPSK	135	138	13.07	13.17	13.07	14.1	0.0
100	π/2 BPSK	270	0	13.09	13.10	13.06		
100	QPSK	1	1	13.10	13.19	13.04	14.1	0.0
100	QPSK	1	137	13.01	13.10	13.10		
100	QPSK	1	271	13.01	13.07	13.02		
100	QPSK	135	0	13.09	13.08	13.11	14.1	0.0
100	QPSK	135	69	13.11	13.13	13.08	14.1	0.0
100	QPSK	135	138	13.03	13.10	13.12	14.1	0.0
100	QPSK	270	0	13.04	13.16	13.08		
100	16QAM	1	1	13.03	13.13	13.08	14.1	0.0
100	64QAM	1	1	13.06	13.17	13.06	14.1	0.0
100	256QAM	1	1	13.01	13.15	13.09	14.1	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	13.01	13.06	12.89	14.1	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.05	13.06	12.99	14.1	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	13.04	13.10	12.93	14.1	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	12.95	13.00	12.98	14.1	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	12.94	13.03	12.89	14.1	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	12.97	13.11	12.91	14.1	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.05	13.07	12.99	14.1	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	13.03	13.04	12.99	14.1	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	12.94	13.04	12.94	14.1	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	13.05	13.09	12.92	14.1	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.05	13.00	12.95	14.1	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	13.03	13.10	12.89	14.1	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	13.03	13.03	12.97	14.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	14.38	14.46	14.46	15.8	0.0
100	π/2 BPSK	1	137	14.33	14.49	14.42		
100	π/2 BPSK	1	271	14.36	14.41	14.44		
100	π/2 BPSK	135	0	14.35	14.43	14.43	15.8	0.0
100	π/2 BPSK	135	69	14.33	14.51	14.37	15.8	0.0
100	π/2 BPSK	135	138	14.40	14.45	14.45	15.8	0.0
100	π/2 BPSK	270	0	14.42	14.39	14.38		
100	QPSK	1	1	14.35	14.53	14.48	15.8	0.0
100	QPSK	1	137	14.40	14.49	14.47		
100	QPSK	1	271	14.33	14.47	14.49		
100	QPSK	135	0	14.32	14.41	14.38	15.8	0.0
100	QPSK	135	69	14.34	14.46	14.44	15.8	0.0
100	QPSK	135	138	14.36	14.41	14.44	15.8	0.0
100	QPSK	270	0	14.34	14.47	14.46		
100	16QAM	1	1	14.34	14.41	14.46	15.8	0.0
100	64QAM	1	1	14.35	14.48	14.40	15.8	0.0
100	256QAM	1	1	14.31	14.44	14.44	15.8	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	14.30	14.34	14.41	15.8	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	14.22	14.29	14.35	15.8	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	14.20	14.31	14.42	15.8	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	14.31	14.31	14.36	15.8	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	14.30	14.27	14.35	15.8	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	14.25	14.32	14.40	15.8	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	14.24	14.33	14.43	15.8	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	14.30	14.27	14.42	15.8	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	14.22	14.35	14.43	15.8	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	14.30	14.30	14.34	15.8	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	14.20	14.32	14.36	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	17.38	17.46	17.43	18.8	0.0
100	π/2 BPSK	1	137	17.31	17.44	17.40		
100	π/2 BPSK	1	271	17.32	17.37	17.49		
100	π/2 BPSK	135	0	17.41	17.48	17.48	18.8	0.0
100	π/2 BPSK	135	69	17.31	17.50	17.35	18.8	0.0
100	π/2 BPSK	135	138	17.38	17.45	17.50	18.8	0.0
100	π/2 BPSK	270	0	17.47	17.34	17.34		
100	QPSK	1	1	17.35	17.54	17.47	18.8	0.0
100	QPSK	1	137	17.44	17.44	17.43		
100	QPSK	1	271	17.34	17.45	17.53		
100	QPSK	135	0	17.27	17.42	17.42	18.8	0.0
100	QPSK	135	69	17.35	17.52	17.41	18.8	0.0
100	QPSK	135	138	17.32	17.50	17.45	18.8	0.0
100	QPSK	270	0	17.31	17.51	17.43		
100	16QAM	1	1	17.34	17.45	17.43	18.8	0.0
100	64QAM	1	1	17.38	17.50	17.38	18.8	0.0
100	256QAM	1	1	17.27	17.38	17.40	18.8	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	17.28	17.40	17.35	18.8	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	17.27	17.45	17.40	18.8	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	17.23	17.40	17.35	18.8	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	17.29	17.45	17.36	18.8	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	17.31	17.39	17.35	18.8	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	17.30	17.44	17.33	18.8	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	17.28	17.45	17.33	18.8	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	17.20	17.49	17.39	18.8	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	17.25	17.49	17.32	18.8	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	17.23	17.44	17.37	18.8	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	17.19	17.41	17.38	18.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		14.21		15.8	0.0
100	π/2 BPSK	1	137		14.15			
100	π/2 BPSK	1	271		14.14			
100	π/2 BPSK	135	0		14.17		15.8	0.0
100	π/2 BPSK	135	69		14.21		15.8	0.0
100	π/2 BPSK	135	138		14.23		15.8	0.0
100	π/2 BPSK	270	0		14.20			
100	QPSK	1	1		14.25		15.8	0.0
100	QPSK	1	137		14.19			
100	QPSK	1	271		14.18			
100	QPSK	135	0		14.20		15.8	0.0
100	QPSK	135	69		14.21		15.8	0.0
100	QPSK	135	138		14.15		15.8	0.0
100	QPSK	270	0		14.18			
100	16QAM	1	1		14.14		15.8	0.0
100	64QAM	1	1		14.20		15.8	0.0
100	256QAM	1	1		14.13		15.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	14.11	14.01	14.03	15.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	14.09	14.04	14.10	15.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	14.07	14.05	14.05	15.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	14.01	14.10	14.01	15.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	14.01	14.02	14.10	15.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	14.01	14.09	14.10	15.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	14.07	14.00	14.07	15.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	14.08	14.08	14.09	15.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	14.09	14.03	14.03	15.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	14.09	14.00	14.08	15.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	14.04	14.01	14.03	15.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		17.21		18.8	0.0
100	π/2 BPSK	1	137		17.11			
100	π/2 BPSK	1	271		17.10			
100	π/2 BPSK	135	0		17.13		18.8	0.0
100	π/2 BPSK	135	69		17.26		18.8	0.0
100	π/2 BPSK	135	138		17.22		18.8	0.0
100	π/2 BPSK	270	0		17.19			
100	QPSK	1	1		17.27		18.8	0.0
100	QPSK	1	137		17.19			
100	QPSK	1	271		17.12			
100	QPSK	135	0		17.14		18.8	0.0
100	QPSK	135	69		17.25		18.8	0.0
100	QPSK	135	138		17.20		18.8	0.0
100	QPSK	270	0		17.19			
100	16QAM	1	1		17.16		18.8	0.0
100	64QAM	1	1		17.18		18.8	0.0
100	256QAM	1	1		17.13		18.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.16	17.17	17.12	18.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.10	17.09	17.06	18.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.17	17.15	17.09	18.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	17.14	17.10	17.15	18.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.09	17.08	17.16	18.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.17	17.13	17.14	18.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.10	17.11	17.14	18.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.08	17.07	17.18	18.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.09	17.17	17.13	18.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.17	17.10	17.11	18.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.08	17.17	17.10	18.8	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			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		14.31		15.5	0.0
100	π/2 BPSK	1	137		14.31			
100	π/2 BPSK	1	271		14.31			
100	π/2 BPSK	135	0		14.33		15.5	0.0
100	π/2 BPSK	135	69		14.34		15.5	0.0
100	π/2 BPSK	135	138		14.34		15.5	0.0
100	π/2 BPSK	270	0		14.36			
100	QPSK	1	1		14.39		15.5	0.0
100	QPSK	1	137		14.35			
100	QPSK	1	271		14.31			
100	QPSK	135	0		14.30		15.5	0.0
100	QPSK	135	69		14.33		15.5	0.0
100	QPSK	135	138		14.30		15.5	0.0
100	QPSK	270	0		14.38			
100	16QAM	1	1		14.30		15.5	0.0
100	64QAM	1	1		14.30		15.5	0.0
100	256QAM	1	1		14.36		15.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	14.30	14.26	14.31	15.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	14.32	14.33	14.30	15.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	14.26	14.23	14.26	15.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	14.28	14.21	14.24	15.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	14.31	14.25	14.21	15.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	14.23	14.32	14.26	15.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	14.21	14.23	14.22	15.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	14.32	14.26	14.21	15.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	14.31	14.29	14.31	15.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	14.29	14.30	14.33	15.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	14.22	14.31	14.24	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		17.25		18.5	0.0
100	π/2 BPSK	1	137		17.32			
100	π/2 BPSK	1	271		17.31			
100	π/2 BPSK	135	0		17.32		18.5	0.0
100	π/2 BPSK	135	69		17.37		18.5	0.0
100	π/2 BPSK	135	138		17.40		18.5	0.0
100	π/2 BPSK	270	0		17.33			
100	QPSK	1	1		17.45		18.5	0.0
100	QPSK	1	137		17.37			
100	QPSK	1	271		17.27			
100	QPSK	135	0		17.27		18.5	0.0
100	QPSK	135	69		17.34		18.5	0.0
100	QPSK	135	138		17.32		18.5	0.0
100	QPSK	270	0		17.39			
100	16QAM	1	1		17.26		18.5	0.0
100	64QAM	1	1		17.26		18.5	0.0
100	256QAM	1	1		17.36		18.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	17.41	17.41	17.32	18.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	17.40	17.34	17.30	18.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	17.39	17.40	17.39	18.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	17.34	17.38	17.29	18.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	17.32	17.33	17.37	18.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	17.29	17.39	17.38	18.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	17.36	17.40	17.37	18.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	17.40	17.31	17.39	18.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	17.40	17.39	17.39	18.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	17.35	17.39	17.41	18.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	17.34	17.32	17.34	18.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		13.98		15.5	0.0
100	π/2 BPSK	1	137		13.94			
100	π/2 BPSK	1	271		14.01			
100	π/2 BPSK	135	0		14.01		15.5	0.0
100	π/2 BPSK	135	69		13.95		15.5	0.0
100	π/2 BPSK	135	138		13.94		15.5	0.0
100	π/2 BPSK	270	0		13.99			
100	QPSK	1	1		14.05		15.5	0.0
100	QPSK	1	137		14.04			
100	QPSK	1	271		13.96			
100	QPSK	135	0		14.00		15.5	0.0
100	QPSK	135	69		14.01		15.5	0.0
100	QPSK	135	138		13.96		15.5	0.0
100	QPSK	270	0		13.93			
100	16QAM	1	1		13.95		15.5	0.0
100	64QAM	1	1		13.94		15.5	0.0
100	256QAM	1	1		13.98		15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	13.78	13.77	13.85	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	13.87	13.77	13.78	15.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	13.79	13.88	13.82	15.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	13.88	13.78	13.77	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	13.87	13.82	13.85	15.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	13.88	13.82	13.84	15.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	13.84	13.82	13.86	15.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	13.79	13.77	13.80	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	13.86	13.81	13.82	15.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	13.83	13.86	13.78	15.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	13.84	13.86	13.78	15.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		16.96		18.5	0.0
100	π/2 BPSK	1	137		16.90			
100	π/2 BPSK	1	271		16.97			
100	π/2 BPSK	135	0		17.00		18.5	0.0
100	π/2 BPSK	135	69		16.99		18.5	0.0
100	π/2 BPSK	135	138		16.99		18.5	0.0
100	π/2 BPSK	270	0		17.04			
100	QPSK	1	1		17.09		18.5	0.0
100	QPSK	1	137		17.07			
100	QPSK	1	271		16.92			
100	QPSK	135	0		17.03		18.5	0.0
100	QPSK	135	69		17.06		18.5	0.0
100	QPSK	135	138		16.93		18.5	0.0
100	QPSK	270	0		16.99			
100	16QAM	1	1		16.98		18.5	0.0
100	64QAM	1	1		16.99		18.5	0.0
100	256QAM	1	1		16.94		18.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	16.92	17.00	16.91	18.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.02	16.98	16.98	18.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.97	16.94	16.92	18.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	16.99	16.99	16.91	18.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.95	16.97	16.99	18.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.00	16.94	16.92	18.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	16.92	16.95	16.94	18.5	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	17.02	17.01	16.98	18.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.94	16.96	16.93	18.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	16.93	16.94	17.03	18.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.02	17.02	16.98	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	PI/2 BPSK	1	1	17.00	17.03	17.05	18.2	0.0
50	PI/2 BPSK	1	135	17.03	17.10	17.03		
50	PI/2 BPSK	1	268	16.97	17.03	17.01		
50	PI/2 BPSK	135	0	17.06	17.13	16.97	18.2	0.0
50	PI/2 BPSK	135	68	17.05	17.09	17.00	18.2	0.0
50	PI/2 BPSK	135	135	17.03	17.06	17.01	18.2	0.0
50	PI/2 BPSK	270	0	17.00	17.06	17.06		
50	QPSK	1	1	16.97	17.15	16.98	18.2	0.0
50	QPSK	1	135	16.98	17.10	16.98		
50	QPSK	1	268	16.97	17.03	16.98		
50	QPSK	135	0	17.07	17.05	16.99	18.2	0.0
50	QPSK	135	68	17.03	17.10	17.02	18.2	0.0
50	QPSK	135	135	16.96	17.03	16.96	18.2	0.0
50	QPSK	270	0	17.02	17.09	17.01		
50	16QAM	1	1	17.03	17.14	17.04	18.2	0.0
50	64QAM	1	1	17.03	17.07	17.03	18.2	0.0
50	256QAM	1	1	16.99	17.14	17.05	18.2	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	16.83	17.04	16.88	18.2	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	16.86	17.01	16.91	18.2	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	16.90	17.00	16.94	18.2	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	16.91	17.01	16.90	18.2	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.85	17.00	16.83	18.2	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	16.81	17.02	16.87	18.2	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	16.91	17.09	16.90	18.2	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	16.82	16.97	16.85	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	PI/2 BPSK	1	1	16.21	16.17	16.15	16.8	0.0
45	PI/2 BPSK	1	120	16.22	16.22	16.11		
45	PI/2 BPSK	1	240	16.20	16.26	16.11		
45	PI/2 BPSK	120	0	16.16	16.22	16.15	16.8	0.0
45	PI/2 BPSK	120	60	16.14	16.21	16.18	16.8	0.0
45	PI/2 BPSK	120	120	16.16	16.26	16.14	16.8	0.0
45	PI/2 BPSK	240	0	16.24	16.26	16.10		
45	QPSK	1	1	16.22	16.28	16.21	16.8	0.0
45	QPSK	1	120	16.24	16.22	16.19		
45	QPSK	1	240	16.19	16.17	16.21		
45	QPSK	120	0	16.14	16.19	16.10	16.8	0.0
45	QPSK	120	60	16.18	16.25	16.13	16.8	0.0
45	QPSK	120	120	16.15	16.24	16.22	16.8	0.0
45	QPSK	240	0	16.21	16.24	16.20		
45	16QAM	1	1	16.21	16.26	16.18	16.8	0.0
45	64QAM	1	1	16.21	16.26	16.18	16.8	0.0
45	256QAM	1	1	16.17	16.25	16.10	16.8	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	16.14	16.13	16.16	16.8	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	16.11	16.06	16.16	16.8	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.08	16.06	16.09	16.8	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.16	16.06	16.06	16.8	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.07	16.08	16.11	16.8	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.18	16.03	16.13	16.8	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.13	16.10	16.08	16.8	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.18	16.09	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	17.84	17.90	17.80	19.2	0.0
40	π/2 BPSK	1	53	17.85	17.84	17.82		
40	π/2 BPSK	1	104	17.89	17.91	17.80		
40	π/2 BPSK	50	0	17.84	17.91	17.85	19.2	0.0
40	π/2 BPSK	50	28	17.84	17.87	17.85	19.2	0.0
40	π/2 BPSK	50	56	17.88	17.87	17.79	19.2	0.0
40	π/2 BPSK	100	0	17.83	17.82	17.84		
40	QPSK	1	1	17.88	17.95	17.78	19.2	0.0
40	QPSK	1	53	17.89	17.88	17.85		
40	QPSK	1	104	17.83	17.88	17.85		
40	QPSK	50	0	17.86	17.87	17.78	19.2	0.0
40	QPSK	50	28	17.90	17.93	17.78	19.2	0.0
40	QPSK	50	56	17.83	17.90	17.76	19.2	0.0
40	QPSK	100	0	17.80	17.87	17.81		
40	16QAM	1	1	17.85	17.88	17.80	19.2	0.0
40	64QAM	1	1	17.87	17.88	17.80	19.2	0.0
40	256QAM	1	1	17.79	17.85	17.79	19.2	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	17.75	17.77	17.71	19.2	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	17.74	17.79	17.63	19.2	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	17.83	17.83	17.72	19.2	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	17.81	17.80	17.73	19.2	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	17.80	17.78	17.70	19.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	π/2 BPSK	1	1	16.69	16.81	16.74	18.2	0.0
100	π/2 BPSK	1	137	16.69	16.69	16.78		
100	π/2 BPSK	1	271	16.64	16.80	16.71		
100	π/2 BPSK	135	0	16.61	16.77	16.67	18.2	0.0
100	π/2 BPSK	135	69	16.60	16.81	16.68	18.2	0.0
100	π/2 BPSK	135	138	16.72	16.77	16.74	18.2	0.0
100	π/2 BPSK	270	0	16.60	16.73	16.78		
100	QPSK	1	1	16.71	16.85	16.72	18.2	0.0
100	QPSK	1	137	16.66	16.73	16.68		
100	QPSK	1	271	16.69	16.74	16.68		
100	QPSK	135	0	16.65	16.76	16.75	18.2	0.0
100	QPSK	135	69	16.69	16.81	16.74	18.2	0.0
100	QPSK	135	138	16.68	16.70	16.78	18.2	0.0
100	QPSK	270	0	16.65	16.78	16.67		
100	16QAM	1	1	16.70	16.79	16.73	18.2	0.0
100	64QAM	1	1	16.61	16.73	16.68	18.2	0.0
100	256QAM	1	1	16.70	16.74	16.73	18.2	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	16.56	16.58	16.65	18.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.65	16.61	16.61	18.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.59	16.62	16.64	18.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.56	16.57	16.66	18.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.67	16.64	16.61	18.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	16.55	16.58	16.57	18.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.64	16.61	16.56	18.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	16.64	16.65	16.65	18.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.59	16.63	16.65	18.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	16.55	16.59	16.60	18.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.58	16.59	16.64	18.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.65	16.59	16.65	18.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.57	16.60	16.57	18.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	19.17	19.19	19.08	20.5	0.0
40	π/2 BPSK	1	53	19.15	19.20	19.01		
40	π/2 BPSK	1	104	19.10	19.17	19.05		
40	π/2 BPSK	50	0	19.19	19.16	19.07	20.5	0.0
40	π/2 BPSK	50	28	19.10	19.13	19.03	20.5	0.0
40	π/2 BPSK	50	56	19.08	19.21	19.02	20.5	0.0
40	π/2 BPSK	100	0	19.13	19.18	18.99		
40	QPSK	1	1	19.10	19.25	19.06	20.5	0.0
40	QPSK	1	53	19.09	19.20	19.04		
40	QPSK	1	104	19.12	19.17	19.01		
40	QPSK	50	0	19.10	19.18	19.04	20.5	0.0
40	QPSK	50	28	19.16	19.23	19.04	20.5	0.0
40	QPSK	50	56	19.07	19.12	19.01	20.5	0.0
40	QPSK	100	0	19.09	19.19	19.08		
40	16QAM	1	1	19.07	19.15	19.01	20.5	0.0
40	64QAM	1	1	19.08	19.15	19.06	20.5	0.0
40	256QAM	1	1	19.18	19.21	19.00	20.0	0.5
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.99	19.16	18.97	20.5	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.97	19.11	18.93	20.5	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.97	19.13	18.96	20.5	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	19.04	19.05	19.01	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	19.35	19.32	19.37	19.5	0.0
100	π/2 BPSK	1	137	19.34	19.35	19.33		
100	π/2 BPSK	1	271	19.27	19.35	19.28		
100	π/2 BPSK	135	0	19.29	19.34	19.29	19.5	0.0
100	π/2 BPSK	135	69	19.32	19.40	19.30	19.5	0.0
100	π/2 BPSK	135	138	19.30	19.37	19.36	19.5	0.0
100	π/2 BPSK	270	0	19.27	19.31	19.31		
100	QPSK	1	1	19.29	19.45	19.33	19.5	0.0
100	QPSK	1	137	19.36	19.36	19.32		
100	QPSK	1	271	19.28	19.37	19.30		
100	QPSK	135	0	19.30	19.39	19.35	19.5	0.0
100	QPSK	135	69	19.26	19.41	19.28	19.5	0.0
100	QPSK	135	138	19.35	19.36	19.32	19.5	0.0
100	QPSK	270	0	19.26	19.38	19.33		
100	16QAM	1	1	19.30	19.35	19.30	19.5	0.0
100	64QAM	1	1	19.28	19.34	19.28	19.5	0.0
100	256QAM	1	1	19.35	19.42	19.31	19.5	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.16	19.23	19.23	19.5	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	19.13	19.24	19.27	19.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	19.17	19.22	19.28	19.5	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	19.19	19.33	19.28	19.5	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.25	19.33	19.29	19.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	19.15	19.26	19.21	19.5	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	19.15	19.33	19.26	19.5	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	19.15	19.25	19.22	19.5	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.15	19.24	19.26	19.5	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	19.25	19.31	19.28	19.5	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	19.18	19.24	19.19	19.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	22.87	22.81	22.86	23.0	0.0
100	π/2 BPSK	1	137	22.85	22.90	22.82		
100	π/2 BPSK	1	271	22.80	22.89	22.76		
100	π/2 BPSK	135	0	22.84	22.84	22.76	23.0	0.0
100	π/2 BPSK	135	69	22.87	22.85	22.77	23.0	0.0
100	π/2 BPSK	135	138	22.79	22.88	22.85	23.0	0.0
100	π/2 BPSK	270	0	22.77	22.85	22.80		
100	QPSK	1	1	22.75	22.95	22.87	23.0	0.0
100	QPSK	1	137	22.81	22.92	22.79		
100	QPSK	1	271	22.73	22.93	22.82		
100	QPSK	135	0	22.77	22.87	22.86	23.0	0.0
100	QPSK	135	69	22.72	22.92	22.78	23.0	0.0
100	QPSK	135	138	22.81	22.83	22.79	23.0	0.0
100	QPSK	270	0	22.72	22.91	22.83		
100	16QAM	1	1	22.77	22.84	22.77	23.0	0.0
100	64QAM	1	1	22.79	22.82	22.75	23.0	0.0
100	256QAM	1	1	22.81	22.90	22.78	23.0	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	22.70	22.90	22.75	23.0	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	22.66	22.86	22.73	23.0	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	22.61	22.84	22.75	23.0	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	22.68	22.80	22.77	23.0	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	22.67	22.79	22.75	23.0	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	22.70	22.83	22.79	23.0	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	22.60	22.81	22.73	23.0	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	22.65	22.81	22.76	23.0	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	22.70	22.87	22.77	23.0	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	22.70	22.84	22.72	23.0	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	22.71	22.87	22.76	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.05		19.5	0.0
100	π/2 BPSK	1	137		19.03			
100	π/2 BPSK	1	271		19.04			
100	π/2 BPSK	135	0		18.98		19.5	0.0
100	π/2 BPSK	135	69		18.95		19.5	0.0
100	π/2 BPSK	135	138		19.06		19.5	0.0
100	π/2 BPSK	270	0		19.03			
100	QPSK	1	1		19.07		19.5	0.0
100	QPSK	1	137		19.05			
100	QPSK	1	271		18.99			
100	QPSK	135	0		19.00		19.5	0.0
100	QPSK	135	69		19.01		19.5	0.0
100	QPSK	135	138		18.97		19.5	0.0
100	QPSK	270	0		19.00			
100	16QAM	1	1		19.05		19.5	0.0
100	64QAM	1	1		18.94		19.5	0.0
100	256QAM	1	1		19.05		19.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.98	18.89	18.91	19.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.94	18.89	18.95	19.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.89	18.98	18.97	19.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.99	18.98	18.94	19.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.92	18.91	18.96	19.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.96	18.90	18.97	19.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.96	18.91	18.95	19.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.94	18.96	18.92	19.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.93	18.96	18.91	19.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.91	18.97	18.90	19.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.97	18.91	18.95	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.49		23.0	0.0
100	π/2 BPSK	1	137		22.57			
100	π/2 BPSK	1	271		22.55			
100	π/2 BPSK	135	0		22.52		23.0	0.0
100	π/2 BPSK	135	69		22.46		23.0	0.0
100	π/2 BPSK	135	138		22.61		23.0	0.0
100	π/2 BPSK	270	0		22.58			
100	QPSK	1	1		22.62		23.0	0.0
100	QPSK	1	137		22.51			
100	QPSK	1	271		22.51			
100	QPSK	135	0		22.55		23.0	0.0
100	QPSK	135	69		22.56		23.0	0.0
100	QPSK	135	138		22.51		23.0	0.0
100	QPSK	270	0		22.47			
100	16QAM	1	1		22.51		23.0	0.0
100	64QAM	1	1		22.41		23.0	0.0
100	256QAM	1	1		22.59		23.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.56	22.56	22.51	23.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.57	22.49	22.51	23.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.56	22.47	22.55	23.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.54	22.54	22.50	23.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.54	22.49	22.57	23.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.55	22.49	22.52	23.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.48	22.51	22.52	23.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.53	22.56	22.55	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.52	22.50	22.46	23.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.58	22.50	22.49	23.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.49	22.55	22.49	23.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		19.36		19.5	0.0
100	π/2 BPSK	1	137		19.26			
100	π/2 BPSK	1	271		19.32			
100	π/2 BPSK	135	0		19.33		19.5	0.0
100	π/2 BPSK	135	69		19.27		19.5	0.0
100	π/2 BPSK	135	138		19.29		19.5	0.0
100	π/2 BPSK	270	0		19.30			
100	QPSK	1	1		19.40		19.5	0.0
100	QPSK	1	137		19.28			
100	QPSK	1	271		19.27			
100	QPSK	135	0		19.27		19.5	0.0
100	QPSK	135	69		19.35		19.5	0.0
100	QPSK	135	138		19.33		19.5	0.0
100	QPSK	270	0		19.26			
100	16QAM	1	1		19.35		19.5	0.0
100	64QAM	1	1		19.34		19.5	0.0
100	256QAM	1	1		19.30		19.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	19.27	19.21	19.23	19.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	19.22	19.24	19.29	19.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	19.24	19.19	19.21	19.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	19.26	19.29	19.28	19.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	19.20	19.23	19.20	19.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	19.29	19.26	19.19	19.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	19.26	19.26	19.22	19.5	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	19.26	19.28	19.27	19.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	19.29	19.28	19.26	19.5	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	19.19	19.27	19.30	19.5	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	19.31	19.23	19.24	19.5	0.0

Part27O n78 PC2 Ant4 DSI5

BW [MHz]	Modulation	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	π/2 BPSK	1	1		22.87		23.0	0.0
100	π/2 BPSK	1	137		22.71			
100	π/2 BPSK	1	271		22.79			
100	π/2 BPSK	135	0		22.83		23.0	0.0
100	π/2 BPSK	135	69		22.75		23.0	0.0
100	π/2 BPSK	135	138		22.73		23.0	0.0
100	π/2 BPSK	270	0		22.80			
100	QPSK	1	1		22.95		23.0	0.0
100	QPSK	1	137		22.82			
100	QPSK	1	271		22.77			
100	QPSK	135	0		22.78		23.0	0.0
100	QPSK	135	69		22.91		23.0	0.0
100	QPSK	135	138		22.88		23.0	0.0
100	QPSK	270	0		22.70			
100	16QAM	1	1		22.81		23.0	0.0
100	64QAM	1	1		22.85		23.0	0.0
100	256QAM	1	1		22.84		23.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	22.83	22.89	22.91	23.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	22.87	22.86	22.86	23.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	22.81	22.89	22.80	23.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	22.82	22.88	22.90	23.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	22.84	22.88	22.91	23.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	22.82	22.84	22.82	23.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	22.85	22.83	22.81	23.0	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	22.83	22.84	22.81	23.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	22.80	22.83	22.88	23.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	22.86	22.88	22.91	23.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	22.84	22.85	22.90	23.0	0.0

Part27Q n78 Ant4 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		19.08		19.5	0.0
100	π/2 BPSK	1	137		19.05			
100	π/2 BPSK	1	271		19.13			
100	π/2 BPSK	135	0		19.11		19.5	0.0
100	π/2 BPSK	135	69		19.05		19.5	0.0
100	π/2 BPSK	135	138		19.08		19.5	0.0
100	π/2 BPSK	270	0		19.14			
100	QPSK	1	1		19.15		19.5	0.0
100	QPSK	1	137		19.07			
100	QPSK	1	271		19.14			
100	QPSK	135	0		19.10		19.5	0.0
100	QPSK	135	69		19.14		19.5	0.0
100	QPSK	135	138		19.06		19.5	0.0
100	QPSK	270	0		19.15			
100	16QAM	1	1		19.13		19.5	0.0
100	64QAM	1	1		19.10		19.5	0.0
100	256QAM	1	1		19.06		19.5	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.03	18.96	19.03	19.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	19.00	19.04	19.01	19.5	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.02	18.96	18.94	19.5	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.96	18.94	18.96	19.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.95	18.97	18.93	19.5	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.02	18.94	19.01	19.5	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.94	19.02	18.96	19.5	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	19.00	18.97	18.98	19.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	19.05	18.99	19.03	19.5	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.96	19.05	18.96	19.5	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.96	18.98	19.02	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		22.53		23.0	0.0
100	π/2 BPSK	1	137		22.58			
100	π/2 BPSK	1	271		22.57			
100	π/2 BPSK	135	0		22.56		23.0	0.0
100	π/2 BPSK	135	69		22.57		23.0	0.0
100	π/2 BPSK	135	138		22.55		23.0	0.0
100	π/2 BPSK	270	0		22.59			
100	QPSK	1	1		22.70		23.0	0.0
100	QPSK	1	137		22.54			
100	QPSK	1	271		22.69			
100	QPSK	135	0		22.63		23.0	0.0
100	QPSK	135	69		22.68		23.0	0.0
100	QPSK	135	138		22.54		23.0	0.0
100	QPSK	270	0		22.66			
100	16QAM	1	1		22.63		23.0	0.0
100	64QAM	1	1		22.57		23.0	0.0
100	256QAM	1	1		22.59		23.0	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	22.58	22.63	22.55	23.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	22.66	22.54	22.63	23.0	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	22.59	22.60	22.61	23.0	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	22.66	22.66	22.56	23.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	22.57	22.56	22.56	23.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	22.65	22.60	22.64	23.0	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	22.55	22.64	22.64	23.0	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	22.65	22.57	22.54	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	22.58	22.63	22.63	23.0	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	22.57	22.55	22.63	23.0	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	22.57	22.57	22.56	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				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	20.71	20.71	20.66	21.0	0.0
50	Pi/2 BPSK	1	135	20.79	20.72	20.76		
50	Pi/2 BPSK	1	268	20.73	20.70	20.75		
50	Pi/2 BPSK	135	0	20.70	20.80	20.70	21.0	0.0
50	Pi/2 BPSK	135	68	20.71	20.71	20.74	21.0	0.0
50	Pi/2 BPSK	135	135	20.75	20.78	20.70	21.0	0.0
50	Pi/2 BPSK	270	0	20.72	20.70	20.71		
50	QPSK	1	1	20.70	20.81	20.66	21.0	0.0
50	QPSK	1	135	20.76	20.73	20.75		
50	QPSK	1	268	20.69	20.74	20.67		
50	QPSK	135	0	20.71	20.70	20.68	21.0	0.0
50	QPSK	135	68	20.76	20.78	20.67	21.0	0.0
50	QPSK	135	135	20.71	20.72	20.69	21.0	0.0
50	QPSK	270	0	20.72	20.77	20.76		
50	16QAM	1	1	20.70	20.72	20.77	21.0	0.0
50	64QAM	1	1	20.79	20.73	20.68	21.0	0.0
50	256QAM	1	1	20.69	20.74	20.71	21.0	0.0
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	20.64	20.64	20.58	21.0	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	20.58	20.57	20.61	21.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	20.61	20.58	20.50	21.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	20.62	20.65	20.51	21.0	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pi/2 BPSK	1	1	20.64	20.59	20.55	21.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	20.57	20.55	20.57	21.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	20.58	20.65	20.62	21.0	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	20.64	20.56	20.60	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	20.38	20.50	20.44	21.0	0.0
45	Pi/2 BPSK	1	120	20.38	20.49	20.50		
45	Pi/2 BPSK	1	240	20.48	20.47	20.53		
45	Pi/2 BPSK	120	0	20.38	20.50	20.46	21.0	0.0
45	Pi/2 BPSK	120	60	20.41	20.55	20.47	21.0	0.0
45	Pi/2 BPSK	120	120	20.48	20.48	20.45	21.0	0.0
45	Pi/2 BPSK	240	0	20.40	20.51	20.51		
45	QPSK	1	1	20.41	20.56	20.42	21.0	0.0
45	QPSK	1	120	20.44	20.46	20.47		
45	QPSK	1	240	20.38	20.47	20.45		
45	QPSK	120	0	20.40	20.47	20.44	21.0	0.0
45	QPSK	120	60	20.49	20.54	20.46	21.0	0.0
45	QPSK	120	120	20.43	20.50	20.46	21.0	0.0
45	QPSK	240	0	20.49	20.51	20.49		
45	16QAM	1	1	20.38	20.53	20.42	21.0	0.0
45	64QAM	1	1	20.44	20.55	20.48	21.0	0.0
45	256QAM	1	1	20.47	20.46	20.48	21.0	0.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	20.26	20.39	20.30	21.0	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.33	20.34	20.27	21.0	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.29	20.39	20.33	21.0	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.35	20.37	20.27	21.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	20.25	20.35	20.30	21.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.37	20.41	20.28	21.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.26	20.32	20.27	21.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.36	20.32	20.27	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	π/2 BPSK	1	1	20.62	20.59	20.61	21.0	0.0
40	π/2 BPSK	1	53	20.61	20.58	20.59		
40	π/2 BPSK	1	104	20.61	20.64	20.56		
40	π/2 BPSK	50	0	20.56	20.63	20.53	21.0	0.0
40	π/2 BPSK	50	28	20.57	20.65	20.53	21.0	0.0
40	π/2 BPSK	50	56	20.63	20.56	20.52	21.0	0.0
40	π/2 BPSK	100	0	20.58	20.66	20.54		
40	QPSK	1	1	20.59	20.67	20.61	21.0	0.0
40	QPSK	1	53	20.63	20.55	20.55		
40	QPSK	1	104	20.61	20.57	20.57		
40	QPSK	50	0	20.59	20.59	20.57	21.0	0.0
40	QPSK	50	28	20.60	20.66	20.58	21.0	0.0
40	QPSK	50	56	20.63	20.60	20.55	21.0	0.0
40	QPSK	100	0	20.52	20.57	20.53		
40	16QAM	1	1	20.61	20.56	20.61	21.0	0.0
40	64QAM	1	1	20.59	20.64	20.61	21.0	0.0
40	256QAM	1	1	20.54	20.57	20.51	21.0	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	20.49	20.48	20.46	21.0	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	20.46	20.47	20.54	21.0	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	20.53	20.51	20.56	21.0	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	20.54	20.51	20.46	21.0	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	20.49	20.46	20.53	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	π/2 BPSK	1	1	20.05	20.14	19.93	20.5	0.0
100	π/2 BPSK	1	137	20.13	20.10	19.97		
100	π/2 BPSK	1	271	20.14	20.12	20.00		
100	π/2 BPSK	135	0	20.04	20.18	19.97	20.5	0.0
100	π/2 BPSK	135	69	20.14	20.18	19.94	20.5	0.0
100	π/2 BPSK	135	138	20.06	20.17	19.97	20.5	0.0
100	π/2 BPSK	270	0	20.05	20.13	19.95		
100	QPSK	1	1	20.05	20.15	20.03	20.5	0.0
100	QPSK	1	137	20.08	20.07	19.91		
100	QPSK	1	271	20.11	20.09	19.95		
100	QPSK	135	0	20.12	20.11	19.99	20.5	0.0
100	QPSK	135	69	20.13	20.18	20.02	20.5	0.0
100	QPSK	135	138	20.13	20.15	19.92	20.5	0.0
100	QPSK	270	0	20.04	20.19	19.95		
100	16QAM	1	1	20.14	20.15	19.91	20.5	0.0
100	64QAM	1	1	20.08	20.12	19.98	20.5	0.0
100	256QAM	1	1	20.12	20.12	19.99	20.5	0.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.97	19.92	19.93	20.5	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.99	19.94	19.90	20.5	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.96	19.93	19.97	20.5	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.93	19.98	19.92	20.5	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.91	20.03	19.99	20.5	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.96	20.03	19.88	20.5	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.89	19.94	19.95	20.5	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.92	19.95	19.94	20.5	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.90	19.98	19.94	20.5	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.91	20.01	19.93	20.5	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.92	20.02	19.87	20.5	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.01	19.94	19.88	20.5	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.95	20.01	19.97	20.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				638000	641666	645332		
Frequency (MHz)				3570	3624.99	3679.98		
40	π/2 BPSK	1	1	18.57	18.62	18.57	20.1	0.0
40	π/2 BPSK	1	53	18.65	18.66	18.60		
40	π/2 BPSK	1	104	18.54	18.69	18.61		
40	π/2 BPSK	50	0	18.60	18.61	18.54	20.1	0.0
40	π/2 BPSK	50	28	18.63	18.61	18.59	20.1	0.0
40	π/2 BPSK	50	56	18.63	18.63	18.57	20.1	0.0
40	π/2 BPSK	100	0	18.57	18.61	18.56		
40	QPSK	1	1	18.54	18.78	18.56	20.1	0.0
40	QPSK	1	53	18.61	18.65	18.53		
40	QPSK	1	104	18.53	18.59	18.63		
40	QPSK	50	0	18.55	18.71	18.54	20.1	0.0
40	QPSK	50	28	18.54	18.73	18.60	20.1	0.0
40	QPSK	50	56	18.54	18.60	18.62	20.1	0.0
40	QPSK	100	0	18.54	18.69	18.56		
40	16QAM	1	1	18.54	18.66	18.56	20.1	0.0
40	64QAM	1	1	18.62	18.69	18.58	20.1	0.0
40	256QAM	1	1	17.49	17.69	17.53	19.1	1.0
Channel				637668	641666	645666	Tune-up limit	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99		
30	QPSK	1	1	18.47	18.55	18.47	20.1	0.0
Channel				637334	641666	646000	Tune-up limit	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3690		
20	QPSK	1	1	18.43	18.55	18.42	20.1	0.0
Channel				637168	641666	646166	Tune-up limit	MPR (dB)
Frequency (MHz)				3557.52	3624.99	3692.49		
15	QPSK	1	1	18.43	18.51	18.46	20.1	0.0
Channel				637000	641666	646332	Tune-up limit	MPR (dB)
Frequency (MHz)				3555	3624.99	3694.98		
10	QPSK	1	1	18.47	18.55	18.40	20.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	19.00	19.21	18.96	20.3	0.0
100	π/2 BPSK	1	137	19.07	19.14	18.96		
100	π/2 BPSK	1	271	19.09	19.19	18.99		
100	π/2 BPSK	135	0	19.06	19.14	18.94	20.3	0.0
100	π/2 BPSK	135	69	19.01	19.11	19.00	20.3	0.0
100	π/2 BPSK	135	138	19.07	19.15	18.93	20.3	0.0
100	π/2 BPSK	270	0	19.07	19.14	18.89		
100	QPSK	1	1	19.08	19.25	19.00	20.3	0.0
100	QPSK	1	137	19.01	19.15	18.95		
100	QPSK	1	271	19.05	19.13	18.96		
100	QPSK	135	0	19.05	19.17	18.92	20.3	0.0
100	QPSK	135	69	19.01	19.18	18.97	20.3	0.0
100	QPSK	135	138	19.07	19.17	18.89	20.3	0.0
100	QPSK	270	0	19.05	19.11	19.00		
100	16QAM	1	1	19.05	19.17	18.90	20.3	0.0
100	64QAM	1	1	19.02	19.14	18.93	20.3	0.0
100	256QAM	1	1	19.06	19.14	19.00	20.3	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	19.03	19.02	18.92	20.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	18.98	19.03	18.86	20.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	18.99	19.05	18.89	20.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	18.98	19.04	18.89	20.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	19.02	19.03	18.90	20.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	18.98	19.06	18.86	20.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	18.92	19.09	18.88	20.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	18.97	19.04	18.85	20.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	19.03	19.04	18.94	20.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	18.94	19.00	18.91	20.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	18.97	19.09	18.87	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	π/2 BPSK	1	1	21.94	22.17	21.95	23.3	0.0
100	π/2 BPSK	1	137	22.03	22.16	21.96		
100	π/2 BPSK	1	271	22.14	22.20	22.04		
100	π/2 BPSK	135	0	22.02	22.18	21.96	23.3	0.0
100	π/2 BPSK	135	69	22.05	22.11	21.99	23.3	0.0
100	π/2 BPSK	135	138	22.09	22.13	21.90	23.3	0.0
100	π/2 BPSK	270	0	22.04	22.13	21.94		
100	QPSK	1	1	22.07	22.26	21.96	23.3	0.0
100	QPSK	1	137	22.06	22.21	21.97		
100	QPSK	1	271	22.02	22.11	21.97		
100	QPSK	135	0	22.06	22.15	21.92	23.3	0.0
100	QPSK	135	69	21.99	22.16	21.93	23.3	0.0
100	QPSK	135	138	22.09	22.12	21.87	23.3	0.0
100	QPSK	270	0	22.11	22.12	21.98		
100	16QAM	1	1	22.04	22.11	21.91	23.3	0.0
100	64QAM	1	1	21.97	22.19	21.99	23.3	0.0
100	256QAM	1	1	22.02	22.12	22.00	23.3	0.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	21.95	22.22	21.85	23.3	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	21.93	22.13	21.88	23.3	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	21.93	22.17	21.84	23.3	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	21.99	22.14	21.80	23.3	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	21.94	22.13	21.86	23.3	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	21.92	22.11	21.81	23.3	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	21.95	22.20	21.86	23.3	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	21.91	22.14	21.81	23.3	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	21.96	22.15	21.90	23.3	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	21.96	22.17	21.83	23.3	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	21.95	22.16	21.82	23.3	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		18.69		20.3	0.0
100	π/2 BPSK	1	137		18.68			
100	π/2 BPSK	1	271		18.60			
100	π/2 BPSK	135	0		18.60		20.3	0.0
100	π/2 BPSK	135	69		18.59		20.3	0.0
100	π/2 BPSK	135	138		18.63		20.3	0.0
100	π/2 BPSK	270	0		18.64			
100	QPSK	1	1		18.71		20.3	0.0
100	QPSK	1	137		18.67			
100	QPSK	1	271		18.67			
100	QPSK	135	0		18.63		20.3	0.0
100	QPSK	135	69		18.69		20.3	0.0
100	QPSK	135	138		18.60		20.3	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.63		20.3	0.0
100	64QAM	1	1		18.67		20.3	0.0
100	256QAM	1	1		18.70		20.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.49	18.56	18.56	20.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.54	18.53	18.56	20.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.53	18.56	18.52	20.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.55	18.60	18.58	20.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.56	18.61	18.58	20.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.51	18.59	18.60	20.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.52	18.51	18.58	20.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.52	18.54	18.57	20.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.51	18.53	18.50	20.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.51	18.58	18.60	20.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.60	18.50	18.59	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					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.71		23.3	0.0
100	π/2 BPSK	1	137		21.70			
100	π/2 BPSK	1	271		21.60			
100	π/2 BPSK	135	0		21.59		23.3	0.0
100	π/2 BPSK	135	69		21.65		23.3	0.0
100	π/2 BPSK	135	138		21.67		23.3	0.0
100	π/2 BPSK	270	0		21.67			
100	QPSK	1	1		21.73		23.3	0.0
100	QPSK	1	137		21.64			
100	QPSK	1	271		21.69			
100	QPSK	135	0		21.63		23.3	0.0
100	QPSK	135	69		21.66		23.3	0.0
100	QPSK	135	138		21.59		23.3	0.0
100	QPSK	270	0		21.65			
100	16QAM	1	1		21.64		23.3	0.0
100	64QAM	1	1		21.69		23.3	0.0
100	256QAM	1	1		21.65		23.3	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.65	21.62	21.57	23.3	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.61	21.62	21.62	23.3	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.54	21.53	21.54	23.3	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.54	21.57	21.64	23.3	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.64	21.63	21.62	23.3	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.62	21.56	21.58	23.3	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.60	21.64	21.58	23.3	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.58	21.54	21.60	23.3	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.63	21.63	21.53	23.3	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.54	21.65	21.63	23.3	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.63	21.57	21.54	23.3	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	π/2 BPSK	1	1		18.61		19.8	0.0
100	π/2 BPSK	1	137		18.69			
100	π/2 BPSK	1	271		18.69			
100	π/2 BPSK	135	0		18.65		19.8	0.0
100	π/2 BPSK	135	69		18.70		19.8	0.0
100	π/2 BPSK	135	138		18.71		19.8	0.0
100	π/2 BPSK	270	0		18.69			
100	QPSK	1	1		18.73		19.8	0.0
100	QPSK	1	137		18.62			
100	QPSK	1	271		18.69			
100	QPSK	135	0		18.64		19.8	0.0
100	QPSK	135	69		18.69		19.8	0.0
100	QPSK	135	138		18.68		19.8	0.0
100	QPSK	270	0		18.61			
100	16QAM	1	1		18.63		19.8	0.0
100	64QAM	1	1		18.62		19.8	0.0
100	256QAM	1	1		18.62		19.8	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	18.58	18.63	18.59	19.8	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	18.54	18.60	18.58	19.8	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	18.61	18.57	18.62	19.8	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	18.62	18.57	18.57	19.8	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	18.56	18.57	18.64	19.8	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	18.62	18.55	18.57	19.8	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	18.66	18.56	18.57	19.8	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	18.56	18.61	18.62	19.8	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	18.61	18.56	18.56	19.8	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	18.61	18.56	18.60	19.8	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	18.55	18.58	18.56	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		21.64		22.8	0.0
100	π/2 BPSK	1	137		21.65			
100	π/2 BPSK	1	271		21.68			
100	π/2 BPSK	135	0		21.67		22.8	0.0
100	π/2 BPSK	135	69		21.69		22.8	0.0
100	π/2 BPSK	135	138		21.73		22.8	0.0
100	π/2 BPSK	270	0		21.71			
100	QPSK	1	1		21.75		22.8	0.0
100	QPSK	1	137		21.66			
100	QPSK	1	271		21.67			
100	QPSK	135	0		21.69		22.8	0.0
100	QPSK	135	69		21.71		22.8	0.0
100	QPSK	135	138		21.66		22.8	0.0
100	QPSK	270	0		21.62			
100	16QAM	1	1		21.65		22.8	0.0
100	64QAM	1	1		21.62		22.8	0.0
100	256QAM	1	1		21.66		22.8	0.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.59	21.58	21.57	22.8	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.52	21.51	21.57	22.8	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.52	21.55	21.52	22.8	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.57	21.52	21.57	22.8	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.58	21.54	21.57	22.8	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.53	21.57	21.58	22.8	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.56	21.61	21.57	22.8	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.55	21.56	21.53	22.8	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.59	21.58	21.55	22.8	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.57	21.56	21.58	22.8	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.58	21.60	21.53	22.8	0.0

Part27Q n78 Ant6 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		18.20		19.8	0.0
100	π/2 BPSK	1	137		18.17			
100	π/2 BPSK	1	271		18.28			
100	π/2 BPSK	135	0		18.26		19.8	0.0
100	π/2 BPSK	135	69		18.26		19.8	0.0
100	π/2 BPSK	135	138		18.23		19.8	0.0
100	π/2 BPSK	270	0		18.22			
100	QPSK	1	1		18.29		19.8	0.0
100	QPSK	1	137		18.21			
100	QPSK	1	271		18.19			
100	QPSK	135	0		18.17		19.8	0.0
100	QPSK	135	69		18.23		19.8	0.0
100	QPSK	135	138		18.22		19.8	0.0
100	QPSK	270	0		18.23			
100	16QAM	1	1		18.26		19.8	0.0
100	64QAM	1	1		18.21		19.8	0.0
100	256QAM	1	1		18.20		19.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	18.20	18.16	18.21	19.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	18.22	18.20	18.23	19.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	18.22	18.18	18.15	19.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	18.17	18.13	18.13	19.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	18.17	18.22	18.19	19.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	18.16	18.17	18.17	19.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	18.11	18.20	18.18	19.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	18.14	18.22	18.12	19.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	18.17	18.19	18.14	19.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	18.18	18.15	18.19	19.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	18.16	18.20	18.17	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.24		22.8	0.0
100	π/2 BPSK	1	137		21.12			
100	π/2 BPSK	1	271		21.31			
100	π/2 BPSK	135	0		21.22		22.8	0.0
100	π/2 BPSK	135	69		21.23		22.8	0.0
100	π/2 BPSK	135	138		21.25		22.8	0.0
100	π/2 BPSK	270	0		21.18			
100	QPSK	1	1		21.32		22.8	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.22			
100	QPSK	135	0		21.20		22.8	0.0
100	QPSK	135	69		21.29		22.8	0.0
100	QPSK	135	138		21.28		22.8	0.0
100	QPSK	270	0		21.27			
100	16QAM	1	1		21.31		22.8	0.0
100	64QAM	1	1		21.23		22.8	0.0
100	256QAM	1	1		21.20		22.8	0.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.15	21.16	21.15	22.8	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.13	21.08	21.19	22.8	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.19	21.10	21.09	22.8	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.12	21.14	21.16	22.8	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.18	21.19	21.13	22.8	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.13	21.17	21.11	22.8	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.17	21.16	21.09	22.8	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.12	21.19	21.14	22.8	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.11	21.11	21.11	22.8	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.16	21.12	21.12	22.8	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.18	21.11	21.18	22.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2525	2535	2545		
50	Pi/2 BPSK	1	1	18.68	18.72	18.75	19.8	0.0
50	Pi/2 BPSK	1	135	18.70	18.78	18.68		
50	Pi/2 BPSK	1	268	18.66	18.80	18.69		
50	Pi/2 BPSK	135	0	18.72	18.81	18.76	19.8	0.0
50	Pi/2 BPSK	135	68	18.67	18.79	18.74	19.8	0.0
50	Pi/2 BPSK	135	135	18.64	18.72	18.75	19.8	0.0
50	Pi/2 BPSK	270	0	18.70	18.77	18.67		
50	QPSK	1	1	18.72	18.83	18.72	19.8	0.0
50	QPSK	1	135	18.73	18.77	18.75		
50	QPSK	1	268	18.70	18.74	18.68		
50	QPSK	135	0	18.65	18.77	18.73	19.8	0.0
50	QPSK	135	68	18.70	18.78	18.70	19.8	0.0
50	QPSK	135	135	18.71	18.77	18.67	19.8	0.0
50	QPSK	270	0	18.65	18.75	18.74		
50	16QAM	1	1	18.67	18.69	18.66	19.8	0.0
50	64QAM	1	1	18.66	18.77	18.73	19.8	0.0
50	256QAM	1	1	18.23	18.27	18.22	19.3	0.5
Channel				504000	507000	510000	Tune-up limit	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	18.57	18.65	18.62	19.8	0.0
Channel				503500	507000	510500	Tune-up limit	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.66	18.66	18.58	19.8	0.0
Channel				503000	507000	511000	Tune-up limit	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	18.60	18.68	18.64	19.8	0.0
Channel				502500	507000	511500	Tune-up limit	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.67	18.71	18.64	19.8	0.0
Channel				502000	507000	512000	Tune-up limit	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pi/2 BPSK	1	1	18.59	18.73	18.60	19.8	0.0
Channel				501500	507000	512500	Tune-up limit	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.67	18.72	18.67	19.8	0.0
Channel				501000	507000	513000	Tune-up limit	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.64	18.65	18.67	19.8	0.0
Channel				500500	507000	513500	Tune-up limit	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.58	18.71	18.57	19.8	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346500	349000	351500		
Frequency (MHz)				1732.5	1745	1757.5		
45	Pi/2 BPSK	1	1	18.57	18.53	18.56	19.7	0.0
45	Pi/2 BPSK	1	120	18.49	18.57	18.50		
45	Pi/2 BPSK	1	240	18.57	18.58	18.51		
45	Pi/2 BPSK	120	0	18.57	18.56	18.50	19.7	0.0
45	Pi/2 BPSK	120	60	18.51	18.54	18.57	19.7	0.0
45	Pi/2 BPSK	120	120	18.53	18.57	18.53	19.7	0.0
45	Pi/2 BPSK	240	0	18.48	18.58	18.49		
45	QPSK	1	1	18.50	18.65	18.53	19.7	0.0
45	QPSK	1	120	18.54	18.53	18.50		
45	QPSK	1	240	18.50	18.53	18.54		
45	QPSK	120	0	18.57	18.60	18.55	19.7	0.0
45	QPSK	120	60	18.53	18.63	18.51	19.7	0.0
45	QPSK	120	120	18.50	18.58	18.58	19.7	0.0
45	QPSK	240	0	18.47	18.53	18.52		
45	16QAM	1	1	18.51	18.54	18.53	19.7	0.0
45	64QAM	1	1	18.56	18.64	18.58	19.7	0.0
45	256QAM	1	1	17.52	17.68	17.57	18.7	1.0
Channel				346000	349000	352000	Tune-up limit	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	QPSK	1	1	18.35	18.38	18.44	19.7	0.0
Channel				345500	349000	352500	Tune-up limit	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	18.41	18.46	18.46	19.7	0.0
Channel				345000	349000	353000	Tune-up limit	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	18.36	18.47	18.48	19.7	0.0
Channel				344500	349000	353500	Tune-up limit	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	18.36	18.46	18.38	19.7	0.0
Channel				344000	349000	354000	Tune-up limit	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	18.46	18.39	18.37	19.7	0.0
Channel				343500	349000	354500	Tune-up limit	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	18.43	18.49	18.40	19.7	0.0
Channel				343000	349000	355000	Tune-up limit	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	18.46	18.45	18.46	19.7	0.0
Channel				342500	349000	355500	Tune-up limit	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	18.38	18.40	18.39	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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	Pi/2 BPSK	1	1	18.25	18.33	18.19	19.1	0.0
40	Pi/2 BPSK	1	53	18.21	18.33	18.23		
40	Pi/2 BPSK	1	104	18.17	18.25	18.23		
40	Pi/2 BPSK	50	0	18.19	18.28	18.26	19.1	0.0
40	Pi/2 BPSK	50	28	18.20	18.25	18.20	19.1	0.0
40	Pi/2 BPSK	50	56	18.19	18.34	18.19	19.1	0.0
40	Pi/2 BPSK	100	0	18.19	18.27	18.26		
40	QPSK	1	1	18.17	18.35	18.29	19.1	0.0
40	QPSK	1	53	18.26	18.28	18.27		
40	QPSK	1	104	18.22	18.26	18.27		
40	QPSK	50	0	18.17	18.30	18.21	19.1	0.0
40	QPSK	50	28	18.22	18.33	18.28	19.1	0.0
40	QPSK	50	56	18.29	18.23	18.21	19.1	0.0
40	QPSK	100	0	18.28	18.32	18.20		
40	16QAM	1	1	18.18	18.27	18.24	19.1	0.0
40	64QAM	1	1	18.25	18.26	18.30	19.1	0.0
40	256QAM	1	1	18.28	18.29	18.24	19.1	0.0
Channel				517002	519000	520998	Tune-up limit	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.04	18.17	18.18	19.1	0.0
Channel				516504	519000	521496	Tune-up limit	MPR (dB)
Frequency (MHz)				2582.52	2595	2607.48		
25	QPSK	1	1	18.10	18.24	18.19	19.1	0.0
Channel				516000	519000	522000	Tune-up limit	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.04	18.28	18.16	19.1	0.0
Channel				515502	519000	522498	Tune-up limit	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	1	18.02	18.27	18.14	19.1	0.0
Channel				515004	519000	522996	Tune-up limit	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	1	18.02	18.23	18.24	19.1	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	19.22	19.32	19.22	20.2	0.0
100	Pi/2 BPSK	1	137	19.17	19.32	19.22		
100	Pi/2 BPSK	1	271	19.13	19.35	19.17		
100	Pi/2 BPSK	135	0	19.17	19.24	19.25	20.2	0.0
100	Pi/2 BPSK	135	69	19.20	19.33	19.22	20.2	0.0
100	Pi/2 BPSK	135	138	19.19	19.34	19.19	20.2	0.0
100	Pi/2 BPSK	270	0	19.16	19.29	19.17		
100	QPSK	1	1	19.22	19.36	19.16	20.2	0.0
100	QPSK	1	137	19.18	19.27	19.22		
100	QPSK	1	271	19.13	19.32	19.16		
100	QPSK	135	0	19.16	19.32	19.19	20.2	0.0
100	QPSK	135	69	19.15	19.33	19.25	20.2	0.0
100	QPSK	135	138	19.16	19.24	19.26	20.2	0.0
100	QPSK	270	0	19.17	19.28	19.27		
100	16QAM	1	1	19.23	19.28	19.18	20.2	0.0
100	64QAM	1	1	19.17	19.30	19.28	20.2	0.0
100	256QAM	1	1	18.27	18.35	18.21	19.2	1.0
Channel				508200	518598	528996	Tune-up limit	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.11	19.24	19.04	20.2	0.0
Channel				507204	518598	529998	Tune-up limit	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.10	19.23	19.11	20.2	0.0
Channel				506202	518598	531000	Tune-up limit	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.11	19.24	19.06	20.2	0.0
Channel				505200	518598	531996	Tune-up limit	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.08	19.19	19.08	20.2	0.0
Channel				504204	518598	532998	Tune-up limit	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.08	19.28	19.06	20.2	0.0
Channel				503700	518598	533496	Tune-up limit	MPR (dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
45	QPSK	1	1	19.17	19.19	19.06	20.2	0.0
Channel				503202	518598	534000	Tune-up limit	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.06	19.25	19.01	20.2	0.0
Channel				502704	518598	534498	Tune-up limit	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
35	QPSK	1	1	19.18	19.26	19.06	20.2	0.0
Channel				502200	518598	534996	Tune-up limit	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.11	19.30	19.01	20.2	0.0
Channel				501702	518598	535500	Tune-up limit	MPR (dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
25	QPSK	1	1	19.06	19.19	19.09	20.2	0.0
Channel				501204	518598	535998	Tune-up limit	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.07	19.21	19.08	20.2	0.0
Channel				500700	518598	536496	Tune-up limit	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	19.18	19.27	19.03	20.2	0.0
Channel				500202	518598	537000	Tune-up limit	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.06	19.28	19.01	20.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	20.42	20.68	20.53	22.2	0.0
100	π/2 BPSK	1	137	20.54	20.58	20.59		
100	π/2 BPSK	1	271	20.48	20.64	20.55		
100	π/2 BPSK	135	0	20.39	20.63	20.51	22.2	0.0
100	π/2 BPSK	135	69	20.50	20.67	20.58	22.2	0.0
100	π/2 BPSK	135	138	20.41	20.58	20.55	22.2	0.0
100	π/2 BPSK	270	0	20.48	20.58	20.58		
100	QPSK	1	1	20.37	20.69	20.52	22.2	0.0
100	QPSK	1	137	20.47	20.59	20.57		
100	QPSK	1	271	20.43	20.63	20.54		
100	QPSK	135	0	20.46	20.60	20.60	22.2	0.0
100	QPSK	135	69	20.52	20.67	20.57	22.2	0.0
100	QPSK	135	138	20.53	20.66	20.59	22.2	0.0
100	QPSK	270	0	20.47	20.69	20.62		
100	16QAM	1	1	20.49	20.63	20.54	22.2	0.0
100	64QAM	1	1	20.51	20.63	20.56	22.2	0.0
100	256QAM	1	1	19.48	19.61	19.54	21.2	1.0
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	20.26	20.55	20.38	22.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	20.25	20.56	20.38	22.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	20.21	20.54	20.47	22.2	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	20.21	20.48	20.41	22.2	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	20.28	20.54	20.43	22.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	20.24	20.49	20.37	22.2	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	20.27	20.49	20.47	22.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	20.31	20.47	20.46	22.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	20.28	20.54	20.39	22.2	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	20.26	20.48	20.43	22.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	20.22	20.54	20.43	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	π/2 BPSK	1	1	23.39	23.70	23.58	25.2	0.0
100	π/2 BPSK	1	137	23.52	23.56	23.61		
100	π/2 BPSK	1	271	23.53	23.64	23.54		
100	π/2 BPSK	135	0	23.39	23.60	23.49	25.2	0.0
100	π/2 BPSK	135	69	23.51	23.62	23.64	25.2	0.0
100	π/2 BPSK	135	138	23.45	23.64	23.61	25.2	0.0
100	π/2 BPSK	270	0	23.45	23.59	23.52		
100	QPSK	1	1	23.40	23.75	23.50	25.2	0.0
100	QPSK	1	137	23.50	23.59	23.52		
100	QPSK	1	271	23.38	23.65	23.56		
100	QPSK	135	0	23.49	23.64	23.57	25.2	0.0
100	QPSK	135	69	23.55	23.72	23.61	25.2	0.0
100	QPSK	135	138	23.58	23.61	23.64	25.2	0.0
100	QPSK	270	0	23.44	23.66	23.65		
100	16QAM	1	1	23.51	23.61	23.56	25.2	0.0
100	64QAM	1	1	23.25	23.46	23.36	25.0	0.2
100	256QAM	1	1	21.26	21.50	21.28	23.0	2.2
Channel				649668	656000	662334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	1	23.36	23.61	23.45	25.2	0.0
Channel				649334	656000	662668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	23.28	23.57	23.35	25.2	0.0
Channel				649000	656000	663000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	1	23.32	23.57	23.42	25.2	0.0
Channel				648668	656000	663334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	23.26	23.56	23.35	25.2	0.0
Channel				648334	656000	663668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	23.33	23.60	23.45	25.2	0.0
Channel				648000	656000	664000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	23.25	23.54	23.43	25.2	0.0
Channel				647668	656000	664334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	23.33	23.62	23.43	25.2	0.0
Channel				647500	656000	664500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3840	3967.5		
25	QPSK	1	1	23.33	23.63	23.41	25.2	0.0
Channel				647334	656000	664668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	23.30	23.59	23.45	25.2	0.0
Channel				647168	656000	664834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	1	23.25	23.62	23.44	25.2	0.0
Channel				647000	656000	665000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	1	23.26	23.53	23.37	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		20.44		22.2	0.0
100	π/2 BPSK	1	137		20.40			
100	π/2 BPSK	1	271		20.46			
100	π/2 BPSK	135	0		20.41		22.2	0.0
100	π/2 BPSK	135	69		20.38		22.2	0.0
100	π/2 BPSK	135	138		20.41		22.2	0.0
100	π/2 BPSK	270	0		20.50			
100	QPSK	1	1		20.53		22.2	0.0
100	QPSK	1	137		20.40			
100	QPSK	1	271		20.43			
100	QPSK	135	0		20.47		22.2	0.0
100	QPSK	135	69		20.41		22.2	0.0
100	QPSK	135	138		20.43		22.2	0.0
100	QPSK	270	0		20.46			
100	16QAM	1	1		20.47		22.2	0.0
100	64QAM	1	1		20.42		22.2	0.0
100	256QAM	1	1		19.38		21.2	1.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	20.37	20.34	20.33	22.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.39	20.29	20.34	22.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	20.30	20.32	20.31	22.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	20.40	20.34	20.32	22.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.35	20.37	20.30	22.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	20.36	20.39	20.34	22.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	20.37	20.37	20.39	22.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	20.35	20.38	20.30	22.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.32	20.30	20.38	22.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.32	20.40	20.32	22.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.30	20.38	20.36	22.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		23.44		25.2	0.0
100	π/2 BPSK	1	137		23.35			
100	π/2 BPSK	1	271		23.51			
100	π/2 BPSK	135	0		23.46		25.2	0.0
100	π/2 BPSK	135	69		23.33		25.2	0.0
100	π/2 BPSK	135	138		23.43		25.2	0.0
100	π/2 BPSK	270	0		23.52			
100	QPSK	1	1		23.56		25.2	0.0
100	QPSK	1	137		23.36			
100	QPSK	1	271		23.46			
100	QPSK	135	0		23.42		25.2	0.0
100	QPSK	135	69		23.45		25.2	0.0
100	QPSK	135	138		23.41		25.2	0.0
100	QPSK	270	0		23.41			
100	16QAM	1	1		23.49		25.2	0.0
100	64QAM	1	1		23.10		25.0	0.2
100	256QAM	1	1		21.05		23.0	2.2
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	23.45	23.46	23.41	25.2	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	23.51	23.51	23.49	25.2	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	23.43	23.40	23.41	25.2	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	23.47	23.42	23.48	25.2	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	23.42	23.44	23.48	25.2	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	23.40	23.52	23.44	25.2	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	23.48	23.43	23.52	25.2	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	23.44	23.45	23.51	25.2	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	23.41	23.51	23.51	25.2	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	23.51	23.42	23.41	25.2	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	23.45	23.50	23.49	25.2	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	π/2 BPSK	1	1		21.68		22.4	0.0
100	π/2 BPSK	1	137		21.57			
100	π/2 BPSK	1	271		21.66			
100	π/2 BPSK	135	0		21.64		22.4	0.0
100	π/2 BPSK	135	69		21.66		22.4	0.0
100	π/2 BPSK	135	138		21.57		22.4	0.0
100	π/2 BPSK	270	0		21.61			
100	QPSK	1	1		21.71		22.4	0.0
100	QPSK	1	137		21.66			
100	QPSK	1	271		21.69			
100	QPSK	135	0		21.65		22.4	0.0
100	QPSK	135	69		21.66		22.4	0.0
100	QPSK	135	138		21.64		22.4	0.0
100	QPSK	270	0		21.63			
100	16QAM	1	1		21.63		22.4	0.0
100	64QAM	1	1		21.67		22.4	0.0
100	256QAM	1	1		19.61		20.4	2.0
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	21.61	21.56	21.54	22.4	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	21.52	21.54	21.55	22.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	21.61	21.60	21.61	22.4	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	21.58	21.59	21.61	22.4	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	21.61	21.63	21.53	22.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	21.53	21.59	21.54	22.4	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	21.52	21.55	21.55	22.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	21.54	21.57	21.61	22.4	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	21.55	21.62	21.53	22.4	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	21.63	21.60	21.56	22.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	21.60	21.57	21.61	22.4	0.0

Part27O n78 PC2 Ant10 DSI5

BW [MHz]	Modulation	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	π/2 BPSK	1	1		24.73		25.4	0.0
100	π/2 BPSK	1	137		24.58			
100	π/2 BPSK	1	271		24.69			
100	π/2 BPSK	135	0		24.69		25.4	0.0
100	π/2 BPSK	135	69		24.71		25.4	0.0
100	π/2 BPSK	135	138		24.54		25.4	0.0
100	π/2 BPSK	270	0		24.57			
100	QPSK	1	1		24.75		25.4	0.0
100	QPSK	1	137		24.61			
100	QPSK	1	271		24.70			
100	QPSK	135	0		24.60		25.4	0.0
100	QPSK	135	69		24.66		25.4	0.0
100	QPSK	135	138		24.64		25.4	0.0
100	QPSK	270	0		24.63			
100	16QAM	1	1		24.62		25.4	0.0
100	64QAM	1	1		23.51		24.3	1.1
100	256QAM	1	1		21.50		22.3	3.1
Channel				649668	650000	650334	Tune-up limit	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	1	24.50	24.48	24.56	25.4	0.0
Channel				649334	650000	650668	Tune-up limit	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	1	24.55	24.51	24.57	25.4	0.0
Channel				649000	650000	651000	Tune-up limit	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	1	24.50	24.47	24.58	25.4	0.0
Channel				648668	650000	651334	Tune-up limit	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	1	24.52	24.56	24.52	25.4	0.0
Channel				648334	650000	651668	Tune-up limit	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	1	24.48	24.50	24.57	25.4	0.0
Channel				648000	650000	652000	Tune-up limit	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	1	24.51	24.50	24.57	25.4	0.0
Channel				647668	650000	652334	Tune-up limit	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	1	24.54	24.52	24.48	25.4	0.0
Channel				647500	650000	652500	Tune-up limit	MPR (dB)
Frequency (MHz)				3712.5	3750	3787.5		
25	QPSK	1	1	24.54	24.49	24.54	25.4	0.0
Channel				647334	650000	652668	Tune-up limit	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	1	24.57	24.54	24.51	25.4	0.0
Channel				647168	650000	652834	Tune-up limit	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	1	24.57	24.48	24.56	25.4	0.0
Channel				647000	650000	653000	Tune-up limit	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	1	24.59	24.49	24.49	25.4	0.0

Part27Q n78 Ant10 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		21.27		22.4	0.0
100	π/2 BPSK	1	137		21.26			
100	π/2 BPSK	1	271		21.20			
100	π/2 BPSK	135	0		21.26		22.4	0.0
100	π/2 BPSK	135	69		21.21		22.4	0.0
100	π/2 BPSK	135	138		21.27		22.4	0.0
100	π/2 BPSK	270	0		21.24			
100	QPSK	1	1		21.31		22.4	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		21.20			
100	QPSK	135	0		21.23		22.4	0.0
100	QPSK	135	69		21.28		22.4	0.0
100	QPSK	135	138		21.20		22.4	0.0
100	QPSK	270	0		21.20			
100	16QAM	1	1		21.21		22.4	0.0
100	64QAM	1	1		21.26		22.4	0.0
100	256QAM	1	1		19.21		20.4	2.0
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	21.10	21.15	21.16	22.4	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	21.08	21.15	21.17	22.4	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	21.06	21.06	21.09	22.4	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	21.08	21.13	21.10	22.4	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	21.16	21.10	21.15	22.4	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	21.08	21.07	21.10	22.4	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	21.14	21.16	21.06	22.4	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	21.08	21.06	21.17	22.4	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	21.15	21.13	21.06	22.4	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	21.13	21.12	21.13	22.4	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	21.10	21.11	21.07	22.4	0.0

Part27Q n78 PC2 Ant10 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					633334			
Frequency (MHz)					3500.01			
100	π/2 BPSK	1	1		24.27		25.4	0.0
100	π/2 BPSK	1	137		24.27			
100	π/2 BPSK	1	271		24.18			
100	π/2 BPSK	135	0		24.23		25.4	0.0
100	π/2 BPSK	135	69		24.20		25.4	0.0
100	π/2 BPSK	135	138		24.31		25.4	0.0
100	π/2 BPSK	270	0		24.26			
100	QPSK	1	1		24.35		25.4	0.0
100	QPSK	1	137		24.20			
100	QPSK	1	271		24.22			
100	QPSK	135	0		24.27		25.4	0.0
100	QPSK	135	69		24.30		25.4	0.0
100	QPSK	135	138		24.29		25.4	0.0
100	QPSK	270	0		24.24			
100	16QAM	1	1		24.23		25.4	0.0
100	64QAM	1	1		23.15		24.3	1.1
100	256QAM	1	1		21.20		22.3	3.1
Channel				633000	633334	633668	Tune-up limit	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	24.22	24.19	24.15	25.4	0.0
Channel				632668	633334	634000	Tune-up limit	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	24.13	24.18	24.21	25.4	0.0
Channel				632334	633334	634334	Tune-up limit	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	24.22	24.12	24.19	25.4	0.0
Channel				632000	633334	634668	Tune-up limit	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	24.23	24.15	24.20	25.4	0.0
Channel				631668	633334	635000	Tune-up limit	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	24.21	24.12	24.11	25.4	0.0
Channel				631334	633334	635334	Tune-up limit	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	24.12	24.14	24.15	25.4	0.0
Channel				631000	633334	635668	Tune-up limit	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	24.17	24.21	24.15	25.4	0.0
Channel				630834	633334	635834	Tune-up limit	MPR (dB)
Frequency (MHz)				3462.51	3500.01	3537.51		
25	QPSK	1	1	24.13	24.21	24.14	25.4	0.0
Channel				630668	633334	636000	Tune-up limit	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	24.23	24.17	24.16	25.4	0.0
Channel				630500	633334	636168	Tune-up limit	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	24.16	24.15	24.17	25.4	0.0
Channel				630334	633334	636334	Tune-up limit	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	24.12	24.18	24.15	25.4	0.0

2.4GHz WLAN				Ant 15 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 7 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant15+7 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 15 Head Standalone		Ant 7 Head Standalone		Ant 15+7 Head Standalone		
	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	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.39	20.00	19.66	20.00	22.54	23.00	17.98	18.50	18.25	18.50	21.12	21.50	97.04
		6	2437	19.42	20.00	19.48	20.00	22.46	23.00	18.00	18.50	18.06	18.50	21.06	21.50	
		11	2462	19.35	20.00	19.46	20.00	22.42	23.00	17.94	18.50	17.95	18.50	20.94	21.50	
	802.11g 6Mbps	1	2412	19.39	20.00	19.25	20.00	22.33	23.00	Not Required	18.50	Not Required	18.50	Not Required	21.50	99.40
		6	2437	19.34	20.00	19.09	20.00	22.23	23.00		18.50		18.50		21.50	
		11	2462	19.20	20.00	19.05	20.00	22.14	23.00		18.50		18.50		21.50	
	802.11n-HT20 MCS0	1	2412	17.71	18.50	17.72	18.50	20.73	21.50		18.50		18.50		21.50	100
		6	2437	17.79	18.50	17.59	18.50	20.70	21.50		18.50		18.50		21.50	
		11	2462	17.83	18.50	17.55	18.50	20.70	21.50		18.50		18.50		21.50	
	802.11n-HT40 MCS0	3	2422	17.08	18.00	17.25	18.00	20.18	21.00		18.00		18.00		21.00	100
		6	2437	17.05	18.00	16.97	17.50	20.02	21.00		18.00		17.50		21.00	
		9	2452	16.99	17.50	17.07	18.00	20.04	21.00		17.50		18.00		21.00	
	802.11ax-HE20 MCS0	1	2412	18.29	19.00	18.18	19.00	21.25	22.00		18.50		18.50		21.50	100
		6	2437	18.21	19.00	18.11	19.00	21.17	22.00		18.50		18.50		21.50	
		11	2462	18.05	19.00	18.09	19.00	21.08	22.00		18.50		18.50		21.50	
	802.11ax-HE40 MCS0	3	2422	17.13	18.00	17.33	18.00	20.24	21.00		18.00		18.00		21.00	100
		6	2437	17.11	18.00	17.01	18.00	20.07	21.00		18.00		18.00		21.00	
		9	2452	17.05	18.00	17.15	18.00	20.11	21.00		18.00		18.00		21.00	
	802.11be-ETH20 MCS0	1	2412	18.34	19.00	18.26	19.00	21.31	22.00		18.50		18.50		21.50	100
		6	2437	18.27	19.00	18.19	19.00	21.24	22.00		18.50		18.50		21.50	
		11	2462	18.14	19.00	18.16	19.00	21.16	22.00		18.50		18.50		21.50	
	802.11be-ETH40 MCS0	3	2422	17.19	18.00	17.39	18.00	20.30	21.00		18.00		18.00		21.00	100
		6	2437	17.17	18.00	17.07	18.00	20.13	21.00		18.00		18.00		21.00	
		9	2452	17.13	18.00	17.22	18.00	20.19	21.00		18.00		18.00		21.00	

5.2GHz WLAN				Ant 17 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 16 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 17+16 Full power Body-worn Standalone Hotspot Standalone Extremity Standalone		Ant 17 Head Standalone		Ant 16 Head Standalone		Ant 17+16 Head Standalone		
	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	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	19.44	19.50	18.51	19.50	22.01	22.50	Not Required	16.00	Not Required	16.00	Not Required	19.00	99.32
		40	5200	19.30	19.50	18.63	19.50	21.99	22.50		16.00		16.00		19.00	
		44	5220	19.65	20.00	18.97	19.00	22.34	22.50		16.00		16.00		19.00	
		48	5240	19.09	19.50	18.52	19.50	21.83	22.50		16.00		16.00		19.00	
	802.11n-HT20 MCS0	36	5180	19.30	20.00	18.24	19.00	21.81	22.50		16.00		16.00		19.00	100
		40	5200	19.07	20.00	18.30	19.00	21.71	22.50		16.00		16.00		19.00	
		44	5220	18.93	19.50	18.17	19.00	21.58	22.50		16.00		16.00		19.00	
		48	5240	18.93	19.50	18.20	19.00	21.59	22.50		16.00		16.00		19.00	
	802.11n-HT40 MCS0	38	5190	18.13	19.00	17.22	18.00	20.71	21.50		16.00		16.00		19.00	100
		46	5230	17.83	18.50	17.13	18.00	20.50	21.00		16.00		16.00		19.00	
	802.11ac-VHT20 MCS0	36	5180	19.39	20.00	18.28	19.00	21.88	22.50		16.00		16.00		19.00	100
		40	5200	19.13	20.00	18.36	19.00	21.77	22.50		16.00		16.00		19.00	
		44	5220	19.02	20.00	18.26	19.00	21.67	22.50		16.00		16.00		19.00	
		48	5240	19.02	20.00	18.27	19.00	21.67	22.50		16.00		16.00		19.00	
	802.11ac-VHT40 MCS0	38	5190	18.21	19.00	17.27	18.00	20.78	21.50		16.00		16.00		19.00	100
		46	5230	17.89	18.50	17.16	18.00	20.55	21.50		16.00		16.00		19.00	
	802.11ac-VHT80 MCS0	42	5210	16.67	17.50	16.12	17.00	19.41	20.00	15.50	16.00	15.21	16.00	18.48	19.00	100
	802.11ax-HE20 MCS0	36	5180	19.45	20.00	18.33	19.00	21.94	22.50	Not Required	16.00	Not Required	16.00	Not Required	19.00	100
		40	5200	19.20	20.00	18.41	19.00	21.83	22.50		16.00		16.00		19.00	
		44	5220	19.07	20.00	18.33	19.00	21.73	22.50		16.00		16.00		19.00	
		48	5240	19.05	20.00	18.33	19.00	21.72	22.50		16.00		16.00		19.00	
	802.11ax-HE40 MCS0	38	5190	18.24	19.00	17.30	18.00	20.81	21.50		16.00		16.00		19.00	100
		46	5230	17.97	18.50	17.22	18.00	20.62	21.50		16.00		16.00		19.00	
	802.11ax-HE80 MCS0	42	5210	16.72	17.50	16.19	17.00	19.47	20.00		16.00		16.00		19.00	100
	802.11be-EHT20 MCS0	36	5180	19.52	20.00	18.38	19.00	22.00	22.50		16.00		16.00		19.00	100
		40	5200	19.25	20.00	18.47	19.00	21.89	22.50		16.00		16.00		19.00	
		44	5220	19.12	20.00	18.37	19.00	21.77	22.50		16.00		16.00		19.00	
		48	5240	19.11	20.00	18.38	19.00	21.77	22.50		16.00		16.00		19.00	
	802.11be-EHT40 MCS0	38	5190	18.27	19.00	17.33	18.00	20.84	21.50		16.00		16.00		19.00	100
		46	5230	18.04	19.00	17.29	18.00	20.69	21.50		16.00		16.00		19.00	
	802.11be-EHT80 MCS0	42	5210	16.79	17.50	16.23	17.00	19.53	20.50		16.00		16.00		19.00	100

5.3GHz WLAN				Ant 17 Full power Body-worn Standalone Extremity Standalone		Ant 16 Full power Body-worn Standalone Extremity Standalone		Ant 17+16 Full power Body-worn Standalone Extremity Standalone		Ant 17 Head Standalone		Ant 16 Head Standalone		Ant 17+16 Head Standalone		
	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	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.72	19.50	18.66	19.50	21.70	22.50	Not Required	16.00	Not Required	16.00	Not Required	19.00	99.32
		56	5280	18.77	19.50	18.71	19.50	21.75	22.50		16.00		16.00		19.00	
		60	5300	18.85	19.50	18.83	19.50	21.85	22.50		16.00		16.00		19.00	
		64	5320	18.91	19.50	18.79	19.50	21.86	22.50		16.00		16.00		19.00	
	802.11n-HT20 MCS0	52	5260	18.15	19.00	17.95	18.50	21.06	22.00		16.00		16.00		19.00	100
		56	5280	18.25	19.00	17.94	18.50	21.11	22.00		16.00		16.00		19.00	
		60	5300	18.24	19.00	18.05	19.00	21.16	22.00		16.00		16.00		19.00	
		64	5320	18.42	19.00	18.01	19.00	21.23	22.00		16.00		16.00		19.00	
	802.11n-HT40 MCS0	54	5270	17.05	18.00	16.99	17.50	20.03	21.00		16.00		16.00		19.00	100
		62	5310	17.21	18.00	17.10	18.00	20.17	21.00		16.00		16.00		19.00	
	802.11ac-VHT20 MCS0	52	5260	18.21	19.00	18.04	19.00	21.14	22.00		16.00		16.00		19.00	100
		56	5280	18.30	19.00	17.99	18.50	21.16	22.00		16.00		16.00		19.00	
		60	5300	18.33	19.00	18.13	19.00	21.24	22.00		16.00		16.00		19.00	
		64	5320	18.46	19.00	18.08	19.00	21.28	22.00		16.00		16.00		19.00	
	802.11ac-VHT40 MCS0	54	5270	17.08	18.00	17.02	18.00	20.06	21.00		16.00		16.00		19.00	100
		62	5310	17.25	18.00	17.13	18.00	20.20	21.00		16.00		16.00		19.00	
	802.11ac-VHT80 MCS0	58	5290	16.08	17.00	16.05	17.00	19.08	20.00	15.23	16.00	15.20	16.00	18.15	19.00	100
	802.11ac-VHT160 MCS0	50	5250	14.67	15.50	14.52	15.50	17.61	18.50	Not Required	15.50	Not Required	15.50	Not Required	18.50	100
	802.11ax-HE20 MCS0	52	5260	18.27	19.00	18.07	19.00	21.18	22.00		16.00		16.00		19.00	100
		56	5280	18.35	19.00	18.03	19.00	21.20	22.00		16.00		16.00		19.00	
		60	5300	18.39	19.00	18.17	19.00	21.29	22.00		16.00		16.00		19.00	
		64	5320	18.52	19.50	18.14	19.00	21.34	22.00		16.00		16.00		19.00	
	802.11ax-HE40 MCS0	54	5270	17.15	18.00	17.10	18.00	20.14	21.00		16.00		16.00		19.00	100
		62	5310	17.33	18.00	17.21	18.00	20.28	21.00		16.00		16.00		19.00	
	802.11ax-HE80 MCS0	58	5290	16.13	17.00	16.08	17.00	19.12	20.00		16.00		16.00		19.00	100
	802.11ax-HE160 MCS0	50	5250	14.71	15.50	14.55	15.50	17.64	18.50		15.50		15.50		18.50	100
	802.11be-EHT20 MCS0	52	5260	18.32	19.00	18.13	19.00	21.24	22.00		16.00		16.00		19.00	100
		56	5280	18.41	19.00	18.06	19.00	21.25	22.00		16.00		16.00		19.00	
		60	5300	18.44	19.00	18.21	19.00	21.34	22.00		16.00		16.00		19.00	
		64	5320	18.58	19.50	18.21	19.00	21.41	22.00		16.00		16.00		19.00	
	802.11be-EHT40 MCS0	54	5270	17.21	18.00	17.13	18.00	20.18	21.00		16.00		16.00		19.00	100
		62	5310	17.39	18.00	17.25	18.00	20.33	21.00		16.00		16.00		19.00	
	802.11be-EHT80 MCS0	58	5290	16.16	17.00	16.13	17.00	19.16	20.00		16.00		16.00		19.00	100
	802.11be-EHT160 MCS0	50	5250	14.74	15.50	14.59	15.50	17.68	18.50		15.50		15.50		18.50	100

5.5GHz WLAN				Ant 17 Full power Body-worn Standalone Extremity Standalone		Ant 16 Full power Body-worn Standalone Extremity Standalone		Ant 17+16 Full power Body-worn Standalone Extremity Standalone		Ant 17 Head Standalone		Ant 16 Head Standalone		Ant 17+16 Head Standalone		
	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	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.89	19.50	18.45	19.00	21.69	22.50	Not Required	16.50	Not Required	16.50	Not Required	19.50	99.32
		116	5580	18.90	19.50	18.65	19.50	21.79	22.50		16.50		16.50		19.50	
		124	5620	18.95	19.50	18.62	19.50	21.80	22.50		16.50		16.50		19.50	
		132	5660	19.00	19.50	18.70	19.50	21.87	22.50		16.50		16.50		19.50	
		140	5700	18.91	19.50	18.51	19.50	21.73	22.50		16.50		16.50		19.50	
		144	5720	19.07	20.00	18.46	19.00	21.79	22.50		16.50		16.50		19.50	
	802.11n-HT20 MCS0	100	5500	19.08	20.00	18.57	19.50	21.84	22.50		16.50		16.50		19.50	100
		116	5580	18.79	19.50	18.34	19.00	21.58	22.50		16.50		16.50		19.50	
		124	5620	18.88	19.50	18.26	19.00	21.59	22.50		16.50		16.50		19.50	
		132	5660	18.84	19.50	18.47	19.00	21.67	22.50		16.50		16.50		19.50	
		140	5700	18.81	19.50	18.34	19.00	21.59	22.50		16.50		16.50		19.50	
		144	5720	18.38	19.00	17.73	18.50	21.08	22.00		16.50		16.50		19.50	
	802.11n-HT40 MCS0	102	5510	18.12	19.00	17.56	18.50	20.86	21.50		16.50		16.50		19.50	100
		110	5550	18.05	19.00	17.67	18.50	20.87	21.50		16.50		16.50		19.50	
		126	5630	18.05	19.00	17.47	18.00	20.78	21.50		16.50		16.50		19.50	
		134	5670	18.04	19.00	17.52	18.50	20.80	21.50		16.50		16.50		19.50	
		142	5710	17.52	18.50	17.00	17.50	20.28	21.00		16.50		16.50		19.50	
	802.11ac-VHT20 MCS0	100	5500	19.17	20.00	18.63	19.50	21.92	22.50		16.50		16.50		19.50	100
		116	5580	18.85	19.50	18.41	19.00	21.65	22.50		16.50		16.50		19.50	
		124	5620	18.95	19.50	18.34	19.00	21.67	22.50		16.50		16.50		19.50	
		132	5660	18.89	19.50	18.51	19.50	21.71	22.50		16.50		16.50		19.50	
		140	5700	18.87	19.50	18.39	19.00	21.65	22.50		16.50		16.50		19.50	
		144	5720	18.45	19.00	17.82	18.50	21.16	22.00		16.50		16.50		19.50	
	802.11ac-VHT40 MCS0	102	5510	18.18	19.00	17.63	18.15	20.92	21.50		16.50		16.50		19.50	100
		110	5550	18.09	19.00	17.73	18.50	20.92	21.50		16.50		16.50		19.50	
		126	5630	18.10	19.00	17.52	18.50	20.83	21.50		16.50		16.50		19.50	
		134	5670	18.08	19.00	17.58	18.50	20.85	21.50		16.50		16.50		19.50	
		142	5710	17.57	18.50	17.07	18.00	20.34	21.00		16.50		16.50		19.50	
	802.11ac-VHT80 MCS0	106	5530	16.94	17.50	16.73	17.50	19.85	20.50	15.87	16.50	15.77	16.50	18.80	19.50	100
		122	5610	16.67	17.50	16.48	17.00	19.59	20.50	15.77	16.50	16.02	16.50	18.58	19.50	
		138	5690	16.78	17.50	16.41	17.00	19.61	20.50	15.82	16.50	15.97	16.50	18.65	19.50	
	802.11ac-VHT160 MCS0	114	5570	15.54	16.50	15.28	16.00	18.42	19.00	Not Required	16.50	Not Required	16.00	Not Required	19.00	100
	802.11ax-HE20 MCS0	100	5500	19.23	20.00	18.70	19.50	21.98	22.50		16.50		16.50		19.50	100
		116	5580	18.91	19.50	18.47	19.00	21.71	22.50		16.50		16.50		19.50	
		124	5620	18.99	19.50	18.41	19.00	21.72	22.50		16.50		16.50		19.50	
		132	5660	18.95	19.50	18.55	19.50	21.76	22.50		16.50		16.50		19.50	
		140	5700	18.94	19.50	18.43	19.00	21.70	22.50		16.50		16.50		19.50	
		144	5720	18.51	19.50	17.88	18.50	21.22	22.00		16.50		16.50		19.50	
	802.11ax-HE40 MCS0	102	5510	18.22	19.00	17.71	18.50	20.98	21.50		16.50		16.50		19.50	100
		110	5550	18.12	19.00	17.79	18.50	20.97	21.50		16.50		16.50		19.50	
		126	5630	18.18	19.00	17.60	18.50	20.91	21.50		16.50		16.50		19.50	
		134	5670	18.14	19.00	17.64	18.50	20.91	21.50		16.50		16.50		19.50	
		142	5710	17.65	18.50	17.15	18.00	20.42	21.00		16.50		16.50		19.50	
	802.11ax-HE80 MCS0	106	5530	16.97	17.50	16.77	17.50	19.88	20.50		16.50		16.50		19.50	100
		122	5610	16.72	17.50	16.51	17.50	19.63	20.50		16.50		16.50		19.50	
		138	5690	16.82	17.50	16.48	17.00	19.66	20.50		16.50		16.50		19.50	
	802.11ax-HE160 MCS0	114	5570	15.58	16.50	15.32	16.00	18.46	19.00		16.50		16.00		19.00	100
	802.11be-EHT20 MCS0	100	5500	19.27	20.00	18.74	19.50	22.02	22.50		16.50		16.50		19.50	100
		116	5580	18.98	19.50	18.53	19.50	21.77	22.50		16.50		16.50		19.50	
		124	5620	19.06	20.00	18.45	19.00	21.78	22.50		16.50		16.50		19.50	
		132	5660	19.02	20.00	18.62	19.50	21.83	22.50		16.50		16.50		19.50	
		140	5700	18.99	19.50	18.47	19.00	21.75	22.50		16.50		16.50		19.50	
		144	5720	18.58	19.50	17.94	18.50	21.28	22.00		16.50		16.50		19.50	
	802.11be-EHT40 MCS0	102	5510	18.27	19.00	17.78	18.50	21.04	22.00		16.50		16.50		19.50	100
		110	5550	18.19	19.00	17.84	18.50	21.03	22.00		16.50		16.50		19.50	
		126	5630	18.25	19.00	17.64	18.50	20.97	21.50		16.50		16.50		19.50	
		134	5670	18.17	19.00	17.69	18.50	20.95	21.50		16.50		16.50		19.50	
		142	5710	17.72	18.50	17.18	18.00	20.47	21.00		16.50		16.50		19.50	
	802.11be-EHT80 MCS0	106	5530	17.02	18.00	16.81	17.50	19.93	20.50		16.50		16.50		19.50	100
		122	5610	16.79	17.50	16.54	17.50	19.68	20.50		16.50		16.50		19.50	
		138	5690	16.85	17.50	16.51	17.50	19.69	20.50		16.50		16.50		19.50	
	802.11be-EHT160 MCS0	114	5570	15.63	16.50	15.37	16.00	18.51	19.00		16.50		16.00		19.00	100

5.8GHz WLAN				Ant 17 Full power Body-worn Standalone Extremity Standalone		Ant 16 Full power Body-worn Standalone Extremity Standalone		Ant 17+16 Full power Body-worn Standalone Extremity Standalone		Ant 17 Head Standalone		Ant 16 Head Standalone		Ant 17+16 Head Standalone		Ant 17 Hotspot Standalone		Ant 16 Hotspot Standalone		Ant 17+16 Hotspot Standalone		
	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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.52	20.00	18.98	19.50	22.27	23.00	Not Required	17.00	Not Required	16.50	Not Required	20.00	18.51	19.00	17.98	18.50	21.22	22.00	99.32
		157	5785	19.45	20.00	18.96	19.50	22.22	23.00		17.00		16.50		20.00	18.46	19.00	17.93	18.50	21.17	22.00	
		165	5825	19.49	20.00	19.09	19.50	22.31	23.00		17.00		16.50		20.00	18.49	19.00	18.04	18.50	21.23	22.00	
	802.11n-HT20 MCS0	149	5745	18.37	19.00	17.74	18.50	21.08	22.00		17.00		16.50		20.00	Not Required	19.00	Not Required	18.50	Not Required	22.00	100
		157	5785	18.36	19.00	17.81	18.50	21.10	22.00		17.00		16.50		20.00		19.00		18.50		22.00	
		165	5825	18.39	19.00	17.80	18.50	21.12	22.00		17.00		16.50		20.00		19.00		18.50		22.00	
	802.11n-HT40 MCS0	151	5755	17.58	18.50	16.98	17.50	20.30	21.00		17.00		16.50		20.00		18.50		17.50		21.00	100
		159	5795	17.48	18.00	17.02	18.00	20.27	21.00		17.00		16.50		20.00		18.00		18.00		21.00	
	802.11ac-VHT20 MCS0	149	5745	18.42	19.00	17.81	18.50	21.14	22.00		17.00		16.50		20.00		19.00		18.50		22.00	100
		157	5785	18.44	19.00	17.90	18.50	21.19	22.00		17.00		16.50		20.00		19.00		18.50		22.00	
		165	5825	18.43	19.00	17.88	18.50	21.17	22.00		17.00		16.50		20.00		19.00		18.50		22.00	
	802.11ac-VHT40 MCS0	151	5755	17.63	18.50	17.03	18.00	20.35	21.00		17.00		16.50		20.00		18.50		18.00		21.00	100
		159	5795	17.54	18.50	17.05	18.00	20.31	21.00		17.00		16.50		20.00		18.50		18.00		21.00	
	802.11ac-VHT80 MCS0	155	5775	16.33	17.00	15.92	16.50	19.14	20.00	16.33	17.00	15.92	16.50	19.14	20.00		17.00		16.50		20.00	100
	802.11ax-HE20 MCS0	149	5745	18.50	19.00	17.88	18.50	21.21	22.00	Not Required	17.00	Not Required	16.50	Not Required	20.00		19.00		18.50		22.00	100
		157	5785	18.47	19.00	17.96	18.50	21.23	22.00		17.00		16.50		20.00		19.00		18.50		22.00	
		165	5825	18.46	19.00	17.93	18.50	21.21	22.00		17.00		16.50		20.00		19.00		18.50		22.00	
	802.11ax-HE40 MCS0	151	5755	17.70	18.50	17.07	18.00	20.41	21.00		17.00		16.50		20.00		18.50		18.00		21.00	100
		159	5795	17.60	18.50	17.08	18.00	20.36	21.00		17.00		16.50		20.00		18.50		18.00		21.00	
	802.11ax-HE80 MCS0	155	5775	16.37	17.00	15.94	16.50	19.17	20.00		17.00		16.50		20.00		17.00		16.50		20.00	100
	802.11be-EHT20 MCS0	149	5745	18.54	19.50	17.95	18.50	21.27	22.00		17.00		16.50		20.00		19.00		18.50		22.00	100
		157	5785	18.51	19.50	18.01	19.00	21.28	22.00		17.00		16.50		20.00		19.00		18.50		22.00	
		165	5825	18.51	19.50	17.98	18.50	21.26	22.00		17.00		16.50		20.00		19.00		18.50		22.00	
	802.11be-EHT40 MCS0	151	5755	17.75	18.50	17.14	18.00	20.47	21.00		17.00		16.50		20.00		18.50		18.00		21.00	100
		159	5795	17.67	18.50	17.12	18.00	20.41	21.00		17.00		16.50		20.00		18.50		18.00		21.00	
	802.11be-EHT80 MCS0	155	5775	16.43	17.00	15.96	16.50	19.21	20.00		17.00		16.50		20.00		17.00		16.50		20.00	100

BT BR/EDR Ant15 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	15.73	13.28	13.28	17.50
	CH 39	2441	16.22	13.99	13.97	17.50
	CH 78	2480	15.70	13.58	13.44	17.50

BT BR/EDR Ant7 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	15.77	13.26	13.39	17.00
	CH 39	2441	15.61	12.79	12.88	17.00
	CH 78	2480	14.97	12.67	12.73	16.50

BLE_1M Ant15 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	8.07
	CH 19	2440	8.34
	CH 39	2480	8.08
Tune-up Limit			10.00

BLE_1M Ant7 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	9.39
	CH 19	2440	8.48
	CH 39	2480	8.26
Tune-up Limit			10.00

BLE_2M Ant15 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	8.18
	CH 19	2440	8.44
	CH 39	2480	8.16
Tune-up Limit			10.00

BLE_2M Ant7 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	9.31
	CH 19	2440	8.55
	CH 39	2480	8.36
Tune-up Limit			10.00

BF

BT BR/EDR Ant15 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	11.08	7.34	7.30	12.50
	CH 39	2441	11.78	8.17	8.15	12.50
	CH 78	2480	11.50	7.67	7.60	12.50

BT BR/EDR Ant7 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	12.41	9.32	9.24	13.50
	CH 39	2441	12.00	8.27	8.20	13.50
	CH 78	2480	12.06	8.38	8.51	13.50

BT BR/EDR Ant15+7 Full power

Mode	Channel	Frequency (MHz)	Average power (dBm)			
			1Mbps	2Mbps	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	14.81	11.45	11.38	16.50
	CH 39	2441	14.90	11.23	20.00	16.50
	CH 78	2480	14.80	11.05	11.09	16.50